



2020 URBAN WATER MANAGEMENT PLAN

CITY OF SAN FERNANDO



June 2021
Final



2020

URBAN WATER MANAGEMENT PLAN



City of San Fernando

117 MACNEIL STREET
SAN FERNANDO, CALIFORNIA 91340
PHONE: (818) 898-1293, FAX: (818) 898-3221

JUNE 2021 FINAL

Prepared by:

Prepared by:



1055 E. Colorado Boulevard
Suite 500
Pasadena, CA 91106
(626) 375-9389

In Association with:



CONSULTING ENGINEERS
1130 W. Huntington Drive
Unit 12
Arcadia, CA 91007
(626) 821-3456



TABLE OF CONTENTS

Executive Summary

Section	Page
Introduction.....	ES-1
Service Area and Facilities	ES-1
Water Demand	ES-1
Water Sources and Supplies	ES-2
Future Water Supply Projects	ES-2
Water Service Reliability	ES-2
Challenges Ahead & Strategies for Managing Reliability Risks	ES-2

Section 1: Introduction

Section	Page
1.1 Purpose and Summary	1-1
1.2 Coordination	1-1
1.3 Updates to the UWMP Act	1-2
1.4 Format of the Plan.....	1-3
1.5 Updates to the 2020 Plan	1-4
1.6 Water System History	1-5
1.7 Water Service Area	1-5
1.8 Climate	1-6
1.9 Population	1-6
1.10 Water System.....	1-7

Section 2: Water Sources & Supplies

Section	Page
2.1 Introduction	2-1
2.2 Water Supply Sources	2-1
2.3 Water Supply Summary	2-8
2.4 Projected Water Supply	2-9
2.5 Alternate Water Sources	2-9
2.6 Transfers or Exchanges	2-11
2.7 Planned Supply Projects	2-11
2.8 Energy Intensity	2-12

Section 3: Water Quality

Section	Page
3.1 Water Quality Summary	3-1
3.2 Quality of Sources.....	3-1
3.3 Water Quality Effects	3-7

Section 4: Water Demands

Section	Page
4.1 Introduction	4-1
4.2 Current City Water Needs	4-1
4.3 Water Use Statistics	4-2
4.4 Water Conservation Act	4-4
4.5 Water Use Reduction Plan	4-11
4.6 Projected Water Demand	4-12

Section 5: Climate Change

Section	Page
5.1 Introduction	5-1
5.2 Project Climate Change Impacts to Supplies	5-2
5.3 Climate Change Impacts to City's Water Supplies	5-3
5.4 Climate Change Considerations to Supply & Demand Projections	5-4

Section 6: Reliability Planning

Section	Page
6.1 Introduction	6-1
6.2 Historic Droughts	6-1
6.3 Recent Drought (2012-2016) and Current State	6-2
6.4 Regional Supply Reliability	6-3
6.5 Supply vs. Demand	6-7
6.6 Vulnerability of Supply	6-17
6.7 Water Supply Opportunities	6-17
6.8 Reduced Delta Reliance Reporting	6-19

Section 7: Demand Management

Section	Page
7.1 Introduction	7-1
7.2 Conservation Measures	7-2
7.3 Rebate Program Participation	7-8

Section 8: Water Shortage Contingency Plan

Section	Page
8.1 Introduction	8-1
8.2 Water Supply Reliability Analysis	8-1
8.3 Annual Water Supply and Demand Assessment Procedures	8-4
8.4 Shortage Stages and Shortage Response Actions	8-7
8.5 Communication Protocols	8-21
8.6 Compliance and Enforcement	8-23
8.7 Legal Authorities	8-25
8.8 Financial Consequences of WSCP Implementation	8-25
8.9 Monitoring and Reporting	8-25
8.10 Special Water Feature Distinction	8-26
8.11 WSCP Adoption and Refinement Procedures	8-26



Section 9: Water Recycling

Section	Page
9.1 Introduction	9-1
9.2 Wastewater Collection & Treatment	9-1
9.3 Current & Projected Recycled Water Use.....	9-2
9.4 Recycled Water Potential in the City.....	9-2

Appendices

Appendix	Description
Appendix A	UWMP Checklist
Appendix B	DWR Submittal Tables
Appendix C	60-Day Notification of Public Hearing
Appendix D	Two-Week & One-Week Notification of Public Hearing
Appendix E.....	City Council Resolution Adopting 2020 UWMP & WSCP
Appendix F.....	ULARA Watermaster Sylmar Basin Judgment
Appendix G	City's Water Conservation Plan (Ordinance No. 1638)
Appendix H	2019 County of Los Angeles All-Hazards Mitigation Plan

THIS PAGE LEFT BLANK INTENTIONALLY

ACRONYMS

Act	Urban Water Management Planning Act
AF	acre-feet
AFY	acre-feet per year
Basin	Sylmar Groundwater Basin
BMP	Best Management Practice
cfs	cubic feet per second
CII	Commercial Industrial Institutional
CIMIS	California Irrigation Management Information System
City	City of San Fernando
CRA	Colorado River Aqueduct
CUWCC	California Urban Water Conservation Council
DBPs	Disinfection Byproducts
DDW	State Water Resources Control Board Division of Drinking Water
DMM	Demand Management Measure
DOF	California Department of Finance
DWR	Department of Water Resources
eARDWP	electronic Annual Report to the Drinking Water Program
EPA	United States Environmental Protection Agency
ETo	Evapotranspiration
GPCD	Gallons per capita per day
gpd	gallons per day
gpm	gallons per minute
hcf	hundred cubic feet
HECW	High Efficiency Clothes Washer
HR	Hydraulic Region
IRP	Integrated Resources Plan
LADWP	City of Los Angeles Department of Water and Power
MAF	Million Acre-Feet
MCL	Maximum Contaminant Level
MGD	Million Gallons per Day
mg/L	milligrams per liter
µg/L	micrograms per liter
MARS	Member Agency Response System
MOU	Memorandum of Understanding
MSL	Mean Sea Level
MWD	Metropolitan Water District of Southern California
NDMA	N-nitrosodimethylamine



NOAA	National Oceanic and Atmospheric Administration
PCE	Perchloroethylene
PHET	Premium High-Efficiency Toilet
PPCPs	Pharmaceuticals and Personal Care Products
SBx7-7	Senate Bill x7-7: The Water Conservation Act of 2009
SMSS	Soil Moisture Sensor System
SWP	State Water Project
TCE	Trichloroethylene
TDS	Total Dissolved Solid
ULARA	Upper Los Angeles River Area
UWMP	Urban Water Management Plan
VOCs	Volatile Organic Compounds
WARN	Water Agencies Response Network
WBIC	Weather-Based Irrigation Controller
WSAP	Water Supply Allocation Plan
WSCP	Water Shortage Contingency Plan
WSDM	Water Surplus and Drought Management Plan

EXECUTIVE SUMMARY & LAY DESCRIPTION

INTRODUCTION

This report serves as the 2020 update of the City of San Fernando's (City) Urban Water Management Plan (UWMP). This UWMP has been prepared consistent with the requirements under Water Code Sections 10610 through 10656 of the Urban Water Management Planning Act (Act). The Act requires that "every urban water supplier providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually, to prepare and adopt, in accordance with prescribed requirements, an urban water management plan." These plans must be filed with the California Department of Water Resources (DWR) every five years describing and evaluating reasonable and practical efficient water uses, reclamation, and conservation activities. 2020 UWMP updates are to be adopted by July 1, 2021.

The Act has been amended on several occasions since its initial passage in 1983. New requirements of the Act due to SBx7-7 state that per capita water use within an urban water supplier's service area must decrease by 20 percent by the year 2020 in order to receive grants or loans administered by DWR or other state agencies. The legislation sets an overall goal of reducing per capita urban water use by 20 percent by December 31, 2020. Each urban retail water supplier developed water use targets by July 1, 2016. Effective 2021, urban retail water suppliers who do not meet the 2020 water conservation requirements established by this bill are not eligible for state water grants or loans.

Section 1.4 offers a summary of each section of this 2020 UWMP.

SERVICE AREA AND FACILITIES

The City provides water to a population of approximately 25,207 throughout its service area. The City primarily receives its water from the Sylmar Groundwater Basin. The City can also acquire imported water from Metropolitan Water District of Southern California (MWD), but has not done so in years. The City provides potable drinking water to its customers via three active groundwater wells (four wells total). The City distributes water to approximately 5,238 service customers through a 66.5-mile network of distribution mains ranging from 4 to 20 inches in size. The water system consists of two pressure zones that provide modified pressure to customers.

WATER DEMAND

The total water demand for the 25,207 people served by the City is over 2,800 acre-feet of potable water for the 2020 calendar year.



The City has selected to comply with **Method 3**. Under Compliance Option 3, the City chose to achieve 95 percent of the State’s hydrologic region target of 134 gallons per capita per day (GPCD) by 2020. In addition, since the City’s 20 percent reduction target (112 GPCD) far exceeds the minimum reduction requirement of 134 GPCD, it is feasible for the City to select 134 GPCD as its 2020 water use target. Therefore, the City’s compliance target for 2020 per capita water consumption is 134 GPCD. A description of the compliance options is discussed in **Section 4.4**.

In 2020, the City has a per capita water use of **101 GPCD**. As a result, **the City achieved its 2020 final water use target**.

WATER SOURCES AND SUPPLIES

On average, 100 percent of the City’s source water is local ground water supply in the Basin. All of the City’s ground water wells are located along the Sylmar Groundwater Basin. The City continues to use MWD’s connections for emergency use only.

FUTURE WATER SUPPLY PROJECTS

The City continually reviews practices that will provide its customers with adequate and reliable supplies. The City projects water demands within its service area to remain relatively constant over the next 25 years due to minimal growth combined with water use efficiency measures. At the moment, the City has plans to reactivate Well 3 to increase groundwater production capabilities. Currently, the well is inactivated due to high levels of nitrates and has future plans of installing an ion-exchange system with the well.

WATER SERVICE RELIABILITY

It is required that every urban water supplier assess the reliability to provide water service to its customers under normal, dry, and multiple dry water years. MWD’s 2015 Integrated Water Resources Plan update describes the core water resource strategy, which will be used to meet full-service demands at the retail level under all foreseeable hydrologic conditions from 2025 through 2045. Furthermore, MWD’s 2020 UWMP finds that MWD is able to meet full service demands of its member agencies with existing supplies from 2025 through 2045 during normal years, single dry year, and multiple dry years. As for groundwater supplies, the Basin remained stable and production rights remained the same throughout the recent drought. As a result, groundwater supplies continue to be a reliable source into the future. The City is therefore capable of meeting the water demands of its customers in normal, single dry, and multiple dry years between 2025 and 2045, as illustrated in **Table 6.4** to **Table 6.10** in **Section 6**.

CHALLENGES AHEAD & STRATEGIES FOR MANAGING RELIABILITY RISKS

The City faces challenges in the near future regarding water supply including:

- Over the last decade, drastic changes in annual hydrologic conditions have negatively affected water supplies available from the State Water Project (SWP) and the Colorado River Aqueduct (CRA).




- The declining ecosystem of the Bay-Delta has resulted in a reduction in water supply deliveries to MWD.

The City's strategies for managing these reliability risks include:

- Continuing a progressive and effective water conservation program.
- Supplementing water supplies through water transfers and exchanges.
- Replacing deteriorating water infrastructure through a proactive capital improvement program, which will reduce water main leaks and conserve water.
- Implementing shortage response actions under the Water Shortage Contingency Plan (WSCP) to conserve limited supplies.
- Reactivating ground water wells impacted by water quality contaminants with the addition of treatment systems.



THIS PAGE LEFT BLANK INTENTIONALLY

An aerial photograph of the City of San Fernando, showing a dense urban area with numerous buildings, streets, and green spaces. In the background, a range of mountains is visible under a clear sky. The image is used as a background for the report cover.

Incorporated in 1911, the City of San Fernando (City) is a retail water agency supplying water to over 25,200 residents in their service area.

SECTION 1: INTRODUCTION

CITY OF SAN FERNANDO | 2020 URBAN WATER MANAGEMENT PLAN

SECTION 1 INTRODUCTION

1.1 PURPOSE AND SUMMARY

This is the 2020 Urban Water Management Plan (UWMP) for the City of San Fernando (City). This plan has been prepared in compliance with the Urban Water Management Planning Act (Act), per Division 6 of the California Water Code, Sections 10610 to 10657, which has been most recently amended by SB 606 in 2018.

As part of the Act, the legislature declared that waters of the state are a limited and renewable resource subject to ever increasing demands; that the conservation and efficient use of urban water supplies are of statewide concern; that successful implementation of plans is best accomplished at the local level; that conservation and efficient use of water shall be actively pursued to protect both the people of the state and their water resources; that conservation and efficient use of urban water supplies shall be a guiding criterion in public decisions; and that urban water suppliers shall be required to develop water management plans to achieve conservation and efficient use.

The Act requires “every urban water supplier providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet (AF) of water annually, to prepare and adopt, in accordance with prescribed requirements, an urban water management plan.” These plans must be filed with the California Department of Water Resources (DWR) every five years describing and evaluating reasonable and practical efficient water uses, reclamation, and conservation activities (*See generally* Wat. Code § 10631).

The Act has been amended on several occasions since its initial passage in 1983. New requirements of the Act due to Water Conservation Act of 2009 (SBx7-7) state that per capita water use within an urban water supplier's service area must decrease by 20 percent by the year 2020 in order to receive grants or loans administered by DWR or other state agencies. The legislation sets an overall goal of reducing per capita urban water use by 20 percent by December 31, 2020. The state was required to make incremental progress towards this goal by reducing per capita water use by at least 10 percent by December 31, 2015. Effective 2021, urban retail water suppliers who do not meet the water conservation requirements established by this bill are not eligible for state water grants or loans.

1.2 COORDINATION

In preparing this 2020 Plan, the City has encouraged broad community participation as indicated by **Table 1.1**. Copies of the City's draft plan were made available for public review at City Hall and the local public libraries in the City. The City noticed a public hearing to review and accept

comments on the draft plan with more than two weeks in advance of the hearing. The notice of the public hearing was published in the local press and mailed to the City Clerk. On June 21, 2021, the City held a noticed public hearing to review and accept comments on the draft plan. Notice of the public hearing was published in the local press. Following the consideration of public comments received at the public hearing, the City adopted the 2020 Plan on June 21, 2021. A copy of the City Council resolution approving the 2020 Plan is included in **Appendix E**.

As required by the Act, the 2020 Plan is being provided by the City to DWR, the California State Library, and the public within 30 days of the City's adoption. The 2020 UWMP will be available to the public during normal business hours within 30 days of submitting the 2020 UWMP to DWR.

Table 1.1: Coordination and Public Involvement

Agency	Participated in Plan Preparation	Notice of Preparation/ Contacted for Assistance	Commented on Draft	Notified of Public Hearing	Attended Public Hearing
City Water Dept. Staff	✓	✓	✓	✓	✓
City Public Works Dept. Staff		✓	✓	✓	✓
City Manager's Office				✓	✓
City Council				✓	✓
Metropolitan Water District (MWD)		✓		✓	
LA County Dept. of Public Works		✓		✓	
LADWP		✓		✓	
Interested General Public				✓	

1.3 UPDATES TO THE UWMP ACT

Since the 2015 UWMPs, there are no significant changes affecting the 2020 UWMPs on the level of SBx7-7; however, there are numerous minor to major updates to the UWMP Act affecting the 2020 UWMPs as follows:

- **Water Loss:** Quantify distribution system water loss for each of the five years preceding the plan update (CWC § 10631 (d) (3) (A), SB 1414, 2019)
- **Drought Risk Assessment:** Assess water supply reliability over a 5-year period examining water supplies, water uses, and the reasonable predicted water supply reliability for five consecutive dry years (CWC § 10635 (b), SB 606, 2018)
- **Reporting of Energy Intensity:** Provide information that the water supplier can readily obtain on the energy used to process water (CWC § 10631.2 (a), SB 606, 2018)

- **Lay Description:** Include a lay description of the fundamental determinations of the UWMP, especially regarding water service reliability, challenges ahead, and strategies for managing reliability risks (CWC § 10630.5, SB 606, 2018)
- **Climate Change Impacts and Considerations:** Provide details on the impacts of climate change and consider them into projections (CWC § 10630, SB 606, 2018)
- **Water Shortage Contingency Plan (WSCP):** The water shortage contingency analysis required in previous UWMPs by former law has been replaced by a WSCP mandate with new elements, which include new six standard water shortage levels (CWC § 10632, SB 606, 2018, AB 1414, 2019)
- **Seismic Risk Assessment and Mitigation Plan:** As part of the WSCP, water suppliers are required to assess seismic risks to their water system facilities and measures to mitigate those risks (CWC § 10632.5, SB 664, 2015)

Of the above, the inclusion of the WSCP (including the seismic risk assessment and mitigation plan as part of the WSCP) as a separate document with revised elements is the most significant update affecting the 2020 UWMPs. AB 1414, SB 606, and SB 664, which amended the WSCP, mark a continued focus on water shortage preparedness and pre-planned strategies for mitigating catastrophic service disruptions.

1.4 FORMAT OF THE PLAN

The sections and information contained in this 2020 UWMP correspond to the items in the Act and other amendments to the Water Code, as follows:

Section 1 - Introduction	This section describes the Act, the City's planning and coordination process, the history of the City's water supply system, and a description of its water service area. This section also describes the local climate, population served, and the water system.
Section 2 – Water Sources & Supplies	This section describes the City's water supplies, including imported water from the State Water Project (SWP), and how the City handles those water supplies. This section also discusses potential water supplies and energy intensity.
Section 3 – Water Quality	This section discusses the quality of the City's water sources, including a discussion on the treatment and testing of water. This section also discusses water quality effects on management strategies and supply reliability.
Section 4 – Water Demands	This section describes past, current, and projected future water demands within the City's service area. This chapter also discusses the requirements of the SBx7-7.
Section 5 – Climate Change	This section discusses climate change, its overall impacts on society, and its impact on the City's water supplies. This section also discusses potential future impacts, current efforts to combat climate change, and climate change considerations for water supply and demand projections.



Section 6 – Reliability Planning	This section discusses the need for reliability planning due to historic and recent droughts. This section also presents an assessment of the reliability of the City’s water supplies by comparing projected future water demands within City of San Fernando's service area with expected water supplies under three different hydrologic conditions: a normal year; a single dry year; and multiple dry years.
Section 7 – Demand Management	This section addresses the City’s compliance with the current Best Management Practices (BMPs), otherwise known as Demand Management Measures (DMMs).
Section 8 – Water Shortage Contingency Plan	This section describes the City's efforts that will be utilized in the event of a water supply interruption, such as a drought. City of San Fernando’s Board adopted an ordinance in 2014 (City Ordinance No. 1638) which encourages conservation and recommends minimum restrictions be placed on water use. In addition, Metropolitan Water District of Southern California’s (MWD) Water Surplus and Drought Management Plan (WSDM) is also described. This section will also include a description of the seismic risk that may impact the City’s supply and member agencies.
Section 9 – Recycled Water	This section describes past, current and projected recycled water use, along with a description of wastewater collection and treatment facilities.
Appendices	The appendices contain references, supplemental information, and specific documents relating to the City, used to prepare this 2015 UWMP.

1.5 UPDATES TO THE 2020 PLAN

In addition to updated information for the years 2015 - 2020, the City’s UWMP has undergone several changes since the 2015 UWMP. The most significant change is the inclusion of the climate change section (**Section 4**). A summary of the changes to the 2015 UWMP is provided below:

- **Revised UWMP layout (double column to single)**
- **New Section: Climate Change (Section 5)**
- **Updated Section 8 – Water Shortage Contingency Plan**
- **Added new topics not previously discussed in the 2015 UWMP (Energy Intensity, Seismic Risk, etc.)**
- **Updated data, facts, and figures previously included in the 2015 UWMP**
- **Added new data, facts, and figures not previously included in the 2015 UWMP**

In addition to the above changes, there are multiple minor changes. The changes reflect both those that are required by the Water Code and those that the City elected to include or modify.

1.6 WATER SYSTEM HISTORY

In the early 1900s, much of the western Los Angeles area was unincorporated, which prompted the City of Los Angeles to offer a reliable imported water supply (via the Los Angeles Aqueduct) as an incentive for annexation to the City of Los Angeles. For many areas, this was a welcomed opportunity for many communities. In 1911 however, the City of San Fernando was incorporated and remained autonomous by relying on groundwater to meet its water needs.



Figure 1.1: San Fernando Valley

Due to the continued development of Southern California, several water agencies came together to form the Metropolitan Water District of Southern California (MWD) in 1928. MWD was originally created to build the Colorado River Aqueduct to supplement the water supplies of the original founding members. In 1972, MWD augmented its supply sources to include deliveries from the State Water Project via the California Aqueduct. Today, the MWD serves more than 145 cities and 94 unincorporated communities through its 26 member agencies.



Figure 1.2: Metropolitan Water District (MWD)

As a result of the City's urban growth, the City of San Fernando realized the benefits of reliable imported supplies and became a member agency of MWD in 1971 (due to an earthquake that destroyed the City's wells). Today, the City of San Fernando is one of 14 retail water agencies served by MWD and receives imported water to supplement its groundwater supplies on an as-needed basis only.

Typically, the City has been able to meet 100 percent of its demand from its groundwater wells. Occasionally, the City experiences high water demand which causes the City to purchase imported water. For this reason, the City has been working on equipping two of the City wells (Well 7A and Well 3) with an ion-exchange nitrate treatment system in order to decrease the need for imported water while increasing groundwater utilization. At the end of 2018, Well No. 7A's treatment system completed construction and was reactivated, providing additional pumping capabilities of 1,000 gallons per minute (gpm). Well No. 3's treatment system is planned for the near future and also has a capacity of 1,000 gpm.

1.7 WATER SERVICE AREA

The City is located in the San Fernando Valley northwest of downtown Los Angeles and is bounded on all sides by the City of Los Angeles. The City's total area is 1,550 acres or 2.42 square

miles and overlies both the San Fernando and Sylmar groundwater basins. The water service area comprises the entire City limits and serves all of the City's residents. The City is primarily a residential community but also has a mixture of commercial, industrial, and landscape water users.

1.8 CLIMATE

Table 1.2: Historical Climate Characteristics

San Fernando has a Mediterranean climate with moderate, dry summers with an average temperature of about 73°F and cool, wet winters with an average temperature of 55°F. The average annual rainfall for the region is below 10 inches. Evapotranspiration (ETo) in the region averages approximately 58.6 inches annually. **Table 1.2** lists the average ETo, temperatures, precipitation from 2012 to 2020 for the City.

Monthly average ETo, precipitation, and temperature data was obtained from Arleta Station (#216) from the California Irrigation Management Information System (CIMIS).

Month	Avg. ETo (in.)	Precip. (in.)	Temperatures (°F)	
			Min	Max
Jan.	2.53	2.54	45.28	69.29
Feb.	3.01	2.16	45.11	69.15
Mar.	4.40	1.51	47.54	72.58
Apr.	5.52	0.41	49.28	75.94
May	5.77	0.38	52.26	75.59
Jun.	6.85	0.13	56.65	82.50
Jul.	7.47	0.17	61.05	88.60
Aug.	7.33	0.11	61.14	90.23
Sep.	5.81	0.11	60.43	88.96
Oct.	4.53	0.30	55.33	82.98
Nov.	2.98	0.56	49.23	75.34
Dec.	2.37	1.60	44.44	67.03
Annual	58.57	9.97	52.31	78.18

1.9 POPULATION

According to the most recent population figures from the California Department of Finance (DOF), the current 2020 resident population of the City is approximately 25,207 persons. Since the City's service area accounts for all of the City's total residents, the total current resident population served by the City's water system is approximately 25,207 persons. Population growth over the past 5 years, was approximately 0.3 percent. Population projections in accordance with this growth rate over the next 25 years are shown in **Table 1.3**.

Table 1.3: Current & Projected Service Area Population Projections (DWR Table 3-1 Retail)

Population Served	2020	2025	2030	2035	2040	2045
	25,207	25,637	26,075	26,521	26,974	27,434

Since the City is not a major commercial center for the region, daytime populations estimates are not significantly higher than the City's resident population; however, the City does experience some increases in daytime population that affect overall water consumption.

1.10 WATER SYSTEM

1.10.1 Imported Water

The City's imported water supply is delivered through its 48-inch connection to MWD. Imported water is conveyed from Northern California via the State Water Project and treated by MWD at its Joseph Jensen Treatment Plant. The City's imported water supply does not consist of water received from the Colorado River.



Figure 1.3: MWD's Jensen Treatment Plant

1.10.2 Groundwater

Currently, the City produces groundwater from three active wells (Wells 2A, 4A, and 7A). The wells extract groundwater from the Sylmar Groundwater Basin and range in capacity from 450 gpm to 2,100 gpm. Well 7A was recently reactivated with a newly equipped ion-exchange system to treat the high nitrate levels. Well 3 continues to be inactive with future plans for installing an ion-exchange system.



Figure 1.4: Well No. 2A

1.10.3 Distribution System

The City distributes water to approximately 5,238 service customers through a 66.5-mile network of distribution mains ranging from 4 to 20 inches in size. The water system consists of two pressure zones that provide modified pressure to customers. The water service area and zoning map are shown in **Figures 1.5** and **1.6** on the following pages.

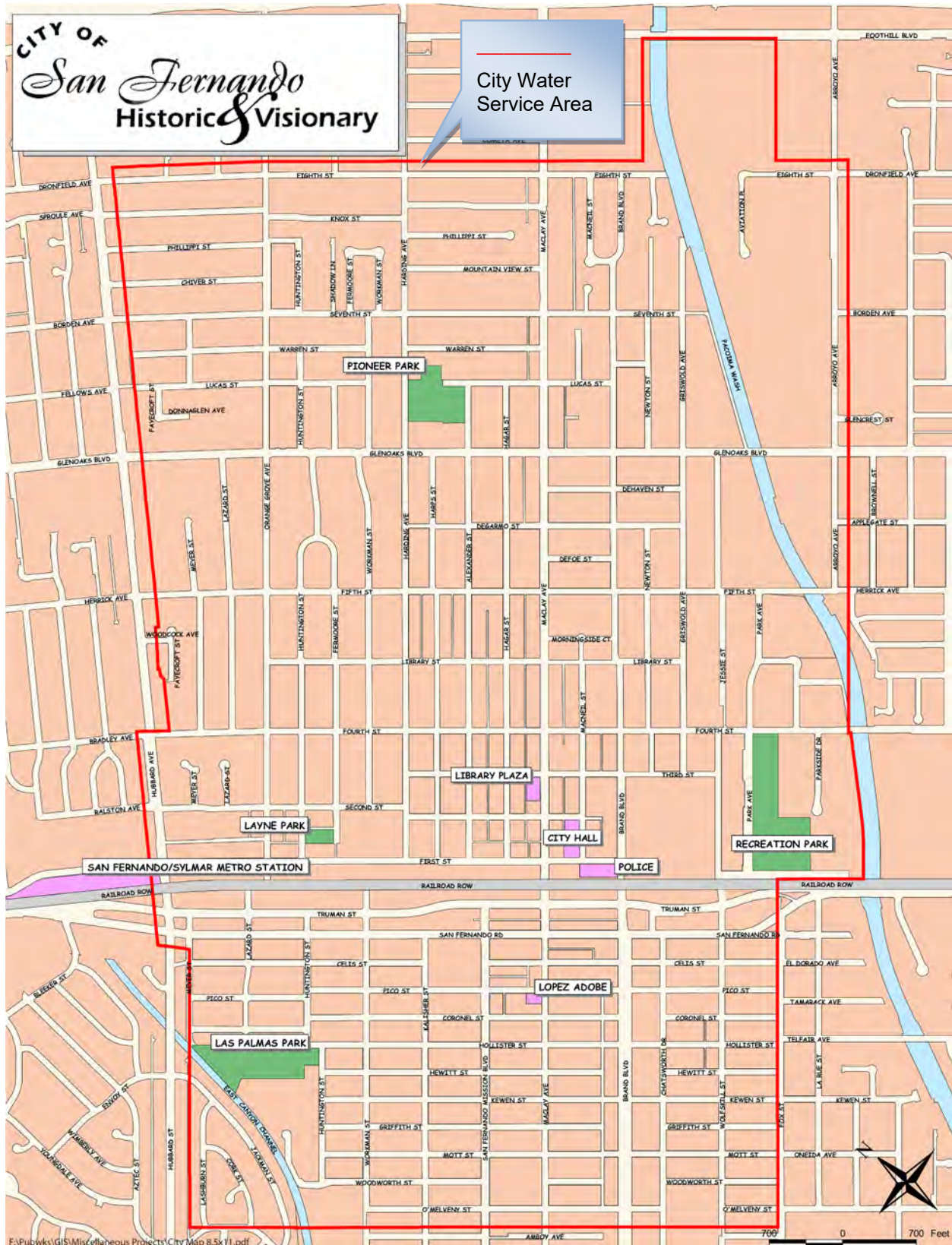


Figure 1.5: City of San Fernando Water Service Area

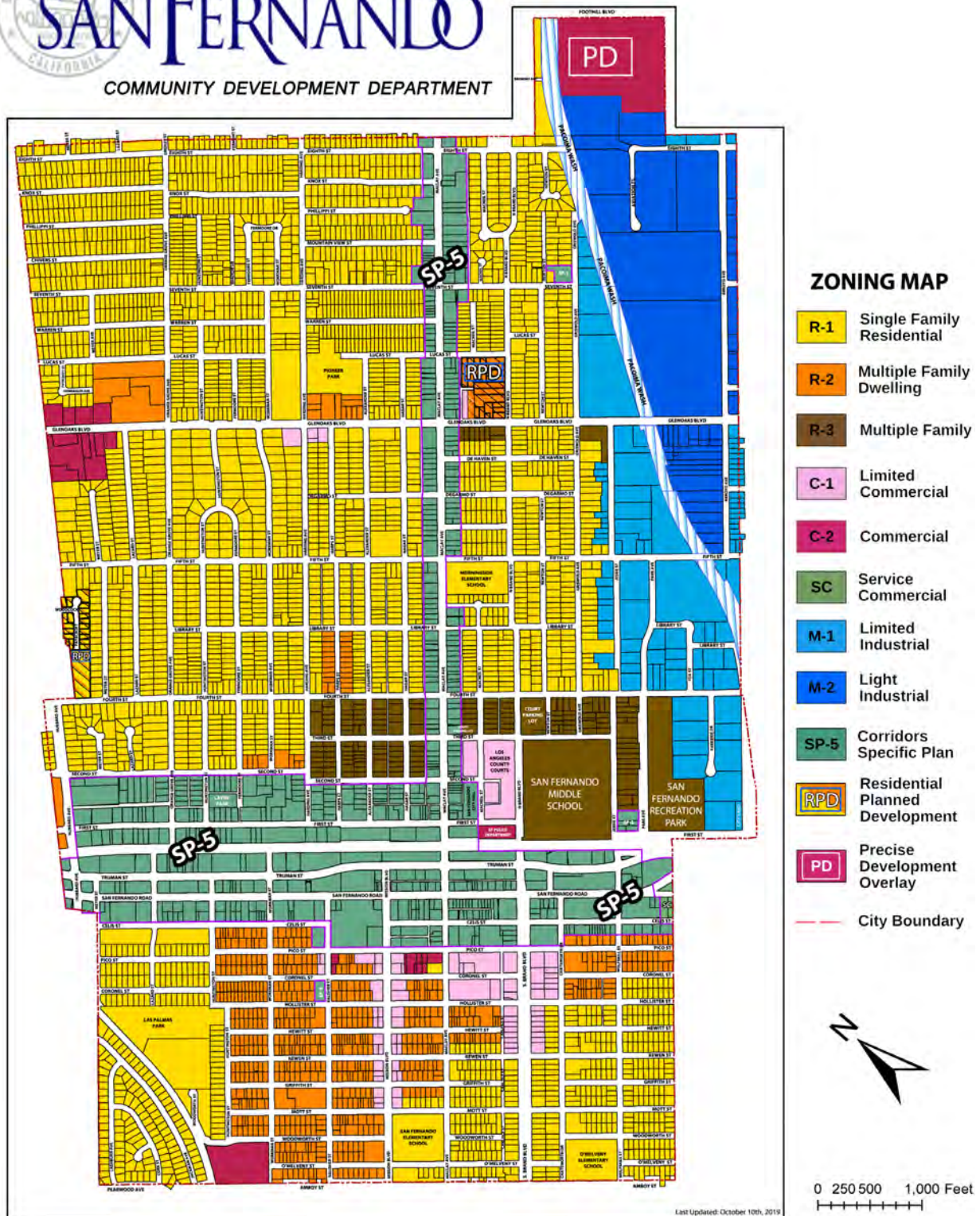


Figure 1.6: City of San Fernando Zoning Map

Water Storage

For storage needs, the City of San Fernando maintains 4 storage reservoirs with a combined storage capacity of 8.9 MG. The City's reservoirs, which are designated as 2A, 3A, 4, and 5, are located adjacent to the City limits.

Table 1.4 lists the City's reservoirs and their capacities:

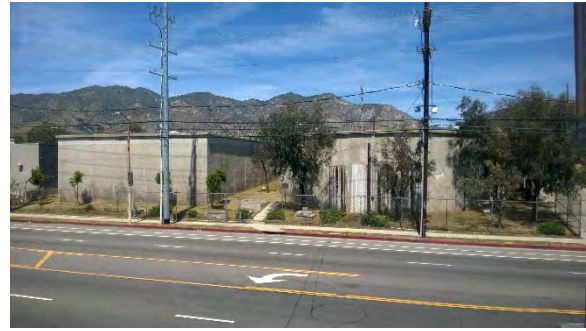


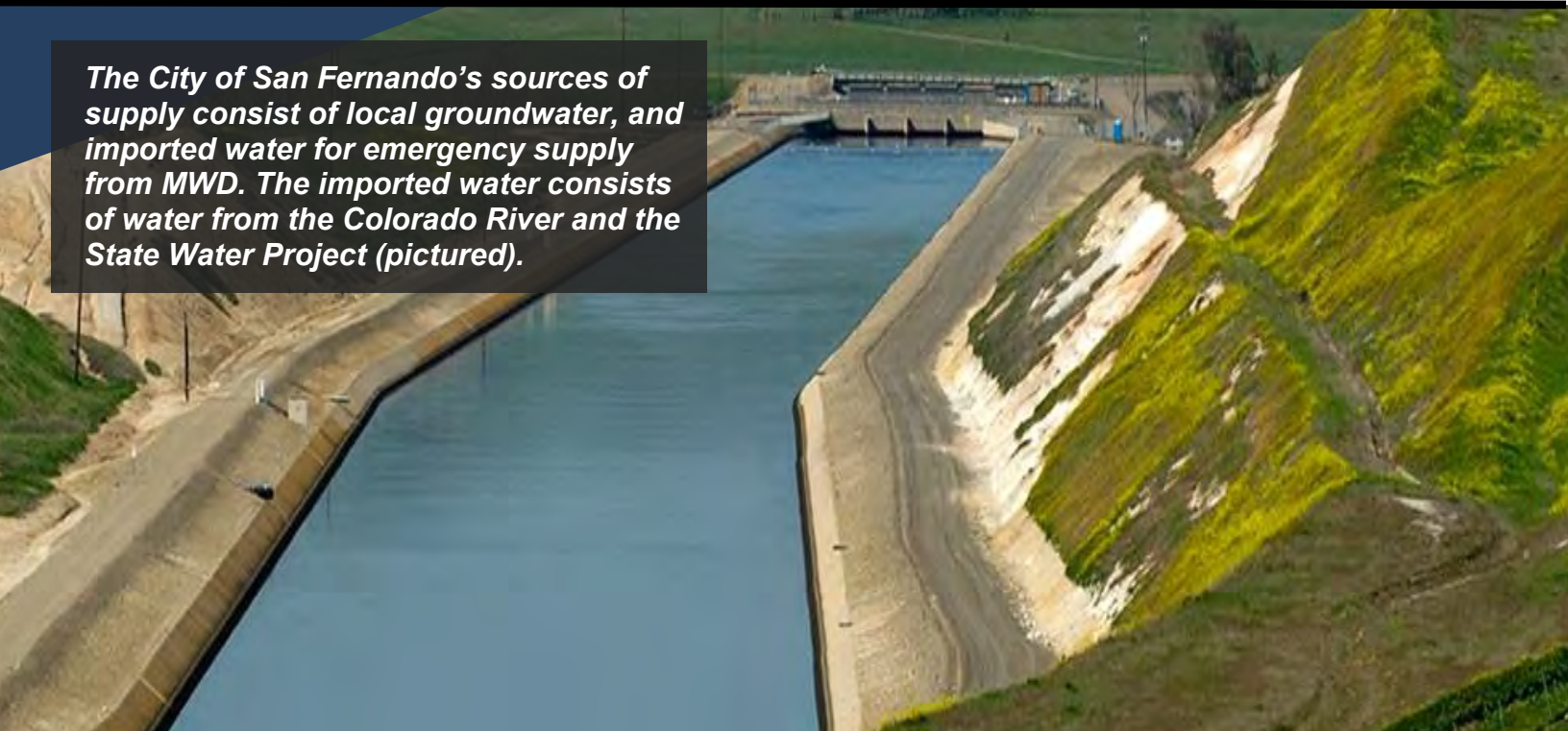
Figure 1.7: Upper Reservoirs 3A and 4

Table 1.4: City of San Fernando Reservoirs

Reservoir	Description	Capacity (MG)
2A	Concrete/ Partially Underground	3
3A	Concrete/ Partially Underground	2.5
4	Concrete/ Partially Underground	1
5	Concrete/ Partially Underground	2.4
Total Capacity:		8.9

Emergency Interconnection

In addition to its imported water and groundwater, the City's water supply system also includes a 6-inch emergency connection with the City of Los Angeles Department of Water and Power (LADWP) distribution system. During emergencies, this connection enables the City to provide a minimum amount of water to its citizens.



The City of San Fernando's sources of supply consist of local groundwater, and imported water for emergency supply from MWD. The imported water consists of water from the Colorado River and the State Water Project (pictured).

SECTION 2: WATER SOURCES & SUPPLY

CITY OF SAN FERNANDO | 2020 URBAN WATER MANAGEMENT PLAN

SECTION 2 WATER SOURCES & SUPPLIES

2.1 INTRODUCTION

The City's water supply sources consist of imported water from MWD, and groundwater produced from the Sylmar Groundwater Basin.

2.2 WATER SUPPLY SOURCES

2.2.1 Imported Water

The City has access to imported water from the Colorado River and the Sacramento-San Joaquin River Delta in Northern California. These two water systems provide Southern California with over 2 million acre-feet (MAF) of water annually for urban uses.

Colorado River

The Colorado River supplies California with 4.4 MAF annually for agricultural and urban uses with approximately 3.85 MAF used for agriculture in Imperial and Riverside Counties. The remaining unused portion (600,000 - 800,000 acre-feet (AF)) is used for urban purposes in MWD's service area.



Figure 2.1: Parker Dam at Colorado River

Bay-Delta

In addition to the Colorado River, the Sacramento-San Joaquin River Delta provides a significant amount of supply annually to Southern California. The Delta is located at the confluence of the Sacramento and San Joaquin Rivers east of the San Francisco Bay and is the West Coast's largest estuary. The Delta supplies Southern California with over 1 MAF of water annually.

The use of water from the Colorado River and the Sacramento-San Joaquin Delta continues to be a critical issue. In particular, Colorado River water allotments have been debated among the seven



Figure 2.2: Sacramento-San Joaquin Delta

basin states and various regional water agencies at both the federal and state levels. The use of Delta water has been debated as competing uses for water supply and ecological habitat have jeopardized the Delta's ability to meet either need and have threatened the estuary's ecosystem.

In order to provide Southern California imported water, two separate aqueduct systems (one for each source of supply) are utilized to obtain its supplies. These two aqueduct systems convey water from each source into separate reservoirs whereupon the water is pumped to one of several treatment facilities before entering MWD's distribution system. One of these aqueduct systems is known as the Colorado River Aqueduct (CRA). The CRA was constructed as a first order of business shortly after MWD's incorporation in 1928. The CRA is 242 miles long and carries water from the Colorado River to Lake Matthews and is managed by MWD.



Figure 2.3: Colorado River Aqueduct

In addition to the CRA, MWD receives water from northern California via the California Aqueduct. Also known as the State Water Project (SWP), the California Aqueduct is 444 miles long and carries water from the Delta to Southern California and is operated by DWR.



Figure 2.4: California Aqueduct

The previously mentioned aqueducts supply Southern California with a significant amount of its water and are crucial to its sustainability. In addition to these two water systems, there are also several other aqueducts that are vital to the State. The major aqueducts in California are shown in **Figure 2.5**.

Imported Water Purchases

As a wholesale agency, MWD distributes imported water to 26 member agencies throughout Southern California as shown in **Figure 2.6**. The City is one of 14 retail agencies served by MWD. The City has one 48-inch imported connection to MWD with a capacity of approximately 4,400 gpm (about 7,100 AFY). **Table 2.1** presents the City's imported water purchased from 2015 to 2020.

As can be noted from **Table 2.1**, the City imports water on an as-needed basis only. The City currently has a Tier 1 limit of 629 AFY with MWD.

Table 2.1: Imported Water Supply 2015 – 2020
(Purchases from MWD)

Year	Purchases (AF)
2015	0
2016	0
2017	0
2018	0
2019	0
2020	0
Average:	0



THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

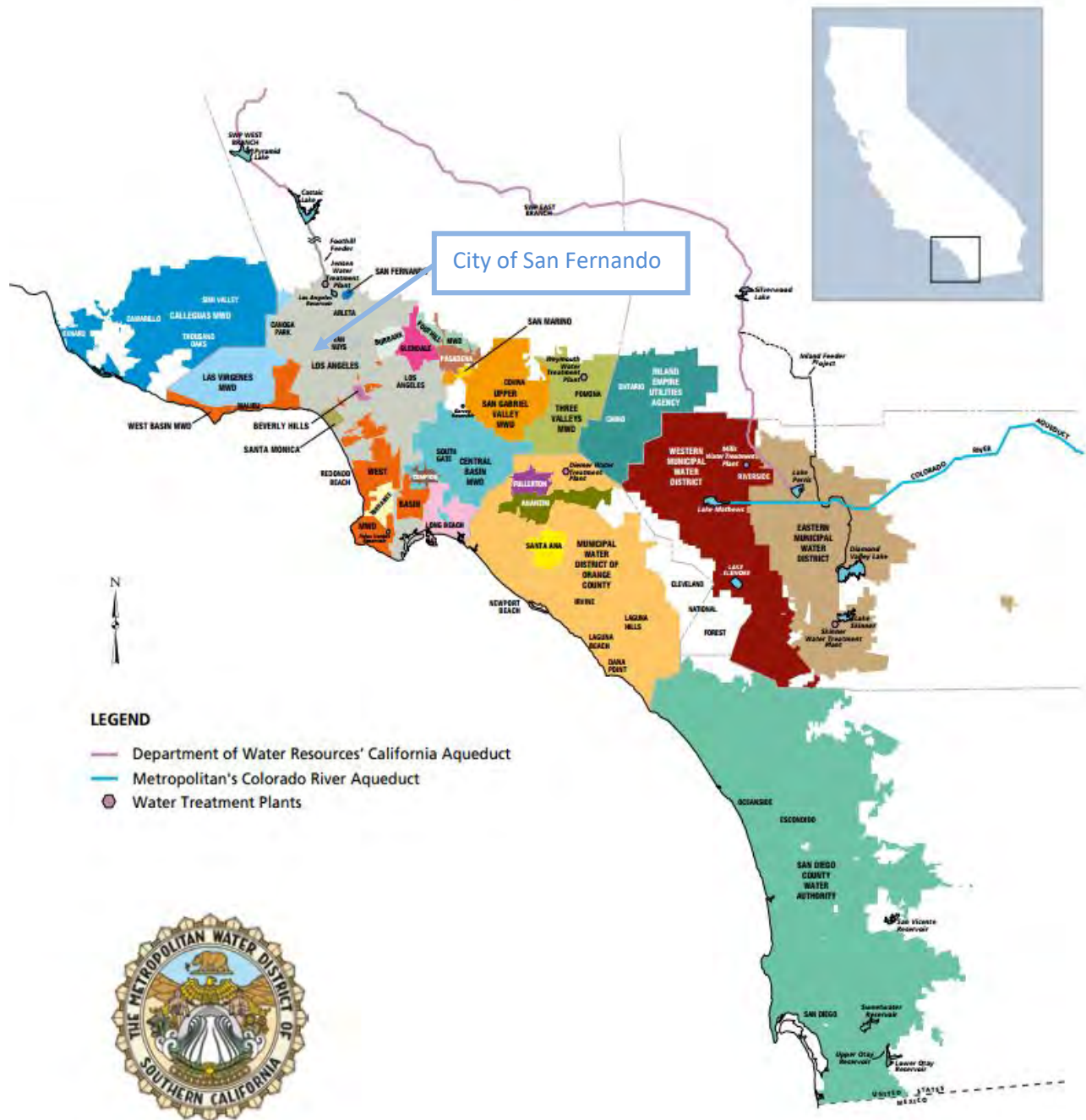


Figure 2.6: MWD Service Area Map

2.2.2 Groundwater

The City obtains its groundwater supply from the Sylmar Groundwater Basin (Basin). The Basin is located in the San Fernando Valley and underlies the City of San Fernando and unincorporated communities of the City of Los Angeles (see **Figures 2.7** and **2.8**). The Basin is in the northerly part of the Upper Los Angeles River Area (ULARA) basins (as shown in **Figure 2.7**), and consists of 5,600 acres and comprises 4.6 percent of the total valley fill. The Sylmar Basin is separated from the San Fernando Basin by the Sylmar Fault zone. The Basin is bounded to the north and northeast by the San Gabriel Mountains, and to the north and northwest by the Santa Susana Mountains.

Water-bearing deposits of the Sylmar Basin include unconsolidated and semi-consolidated marine and alluvial sediments deposited over time. The water-bearing sediments consist of the lower Pleistocene Saugus Formation, Pleistocene and Holocene age alluvium (CSWRB 1962). The ground-water in this basin is mainly unconfined with some confinement within the Saugus Formation in the western part of the basin and in the Sylmar and Eagle Rock areas (CSWRB 1962). The average specific yield for deposits within the basin varies from about 14 to 22 percent (DPW 1934). Well yield averages about 1,220 gpm with a maximum of about 3,240 gpm.

Groundwater in the Basin is replenished naturally by percolation from precipitation, receiving an average annual precipitation of about 23.13 inches, and by stream flow and subsurface inflows from the Santa Susana and San Gabriel Mountains. Since the Basin is mostly urbanized and soil surfaces have been paved to construct roads, homes, buildings, and flood channels, natural replenishment to the basin's water-bearing formations is limited to only a small portion of basin soils. Since the Basin does not receive any artificial recharge through injection wells or spreading basins, groundwater production is limited by low safe-yield limits.

Groundwater levels in the Sylmar Basin are typically at or above mean sea level (MSL), with water levels of about 1,000 feet underneath the City of San Fernando. A few portions of the Basin, however, contain deeper aquifers with groundwater as deep as 6,000 feet below surface levels.

Groundwater flow in the Sylmar Basin is generally from the Santa Susana and San Gabriel Mountains in the north towards the south/southeast into the San Fernando Basin in the south as water levels are substantially higher in the Sylmar Basin; however, there are no stipulations regarding these outflows into the San Fernando Basin.

The total storage in the Sylmar Basin is estimated to be about 310,000 AF. The natural safe yield is currently estimated to be about 7,140 AFY according to a July 2012 assessment. This is a temporary safe yield that will be in place for at least five years. In the 1984 Sylmar Basin Judgment, the Cities of Los Angeles and San Fernando were granted an equal share to the safe yield of the Sylmar Basin, which stood at 6,210 AFY at the time the judgment was issued. Since then, the safe yield limit was increased three times and currently stands at 7,140 AFY (3,570 AFY per City). Additionally, the City and the City of Los Angeles each have the right to receive stored water credit in the Sylmar Basin.

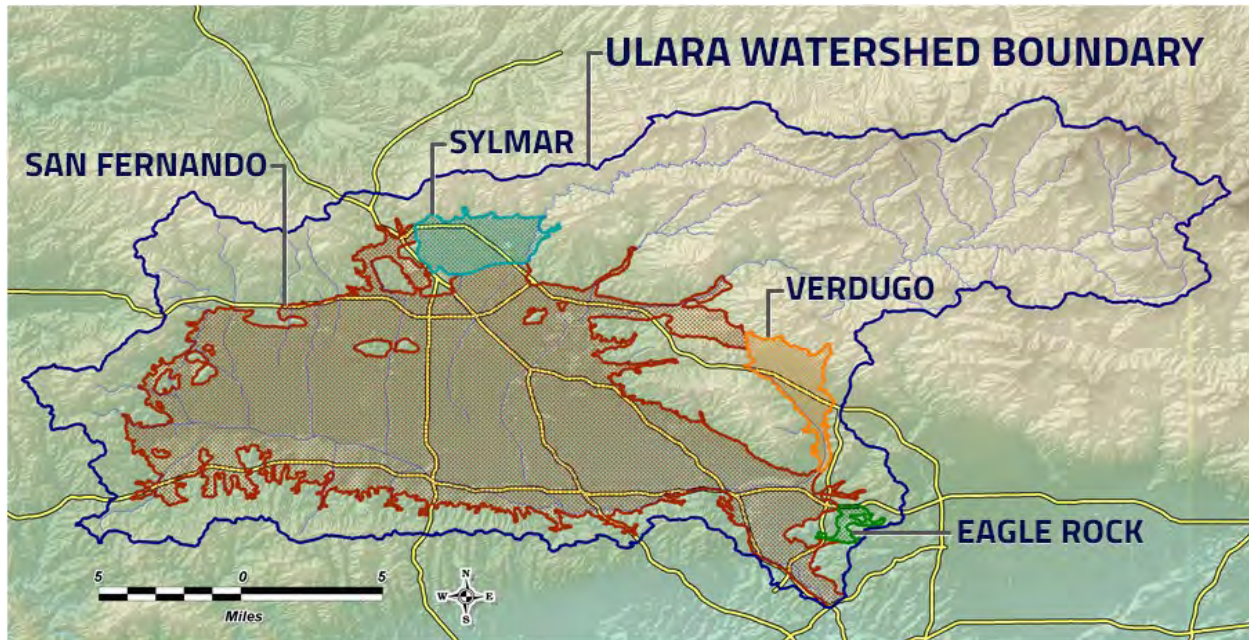


Figure 2.7: ULARA Groundwater Basins

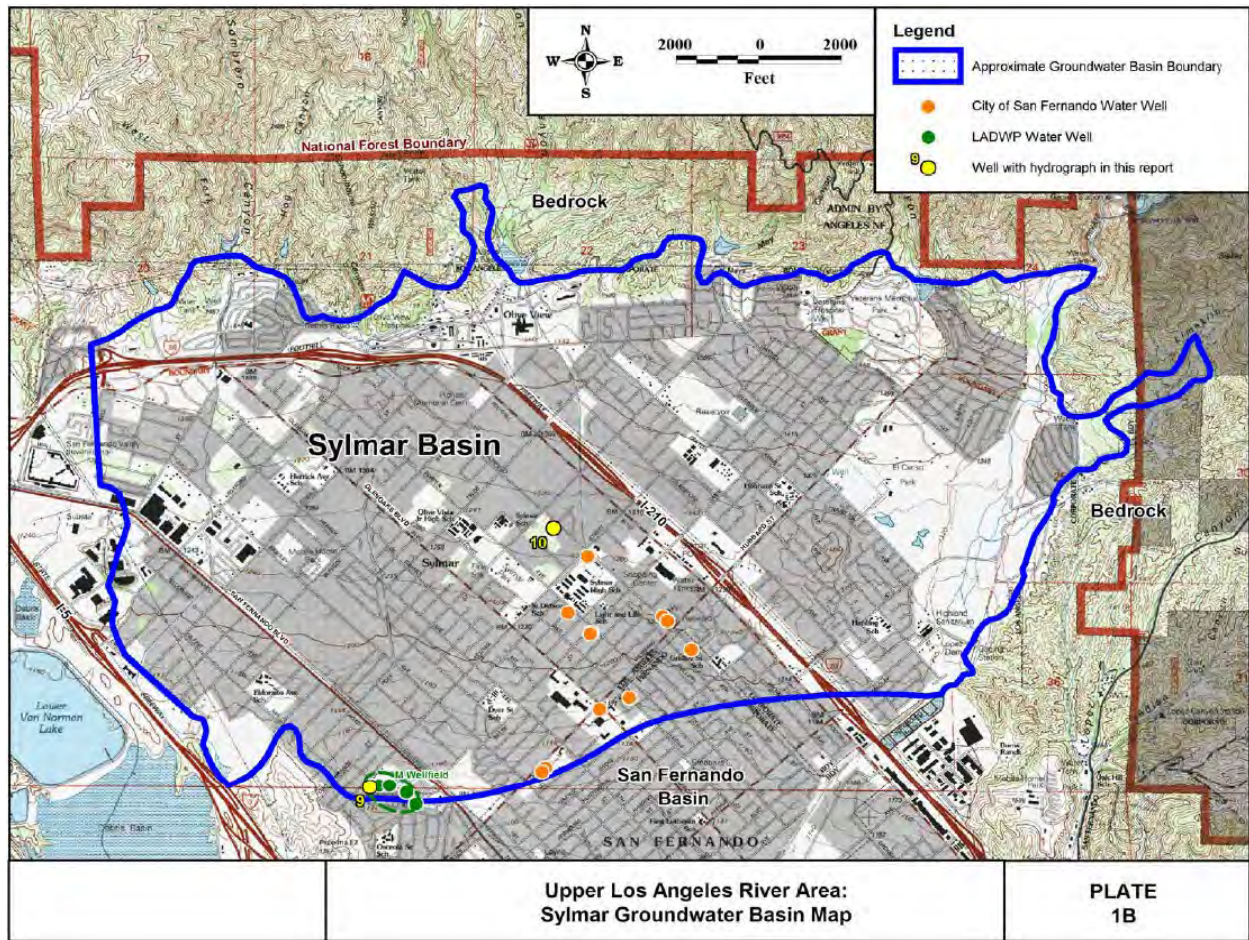


Figure 2.8: Sylmar Groundwater Basin

The Sylmar Basin is an adjudicated basin and the management of water resources and operations in the Basin is provided by the ULARA Watermaster. A copy of the judgment is attached in **Appendix F**. The California State Water Resources Control Board’s Division of Drinking Water (DDW) helps monitor groundwater quality and contaminant levels. The key characteristics of the Sylmar Basin are listed below in **Table 2.2**.

Table 2.2: Sylmar Basin Summary Characteristics

Item	Capacity
Depth to Groundwater	50-6,000 ft.
Thickness of Groundwater Table	180-1,050 ft.
Storage Capacity	310,000 AF
Operating Safe Yield	7,140 AFY
Adjudicated Rights	7,140 AFY
Spreading Basins (Total)	0
Wells (Active)	3
Wells (Inactive)	1

Groundwater Production

The City currently has three active wells (Wells 2A, 4A, and 7A) for groundwater extraction. Well No. 3 is currently on stand-by due to high nitrate levels; however, a nitrate treatment plant for this well is currently in the planning stages. Well No. 2A is the City's most productive well with a rated capacity of 2,100 gpm. Occasionally, the City's groundwater facilities experience contamination issues that can affect their supply reliability. In the past, the City has used imported water to maintain supply reliability; however, in more recent years, the City has looked to other options in order to decrease imported water while increasing groundwater quality and production.

The City has recently completed the installation of a nitrate treatment ion-exchange plant for Well No. 7A, and the well was reactivated in 2018. A similar ion-exchange treatment plant is also in the planning stages for Well No. 3. All four wells combined provide the City the capabilities to pump at a rate of 4,450 gpm.



Figure 2.9: Ion-Exchange Facility at Well No. 7A

To monitor the City's groundwater extraction, each of the City's wells are equipped with flowmeters to measure well production. Well production is recorded monthly by City water staff and reported monthly to the ULARA Watermaster and annually to DDW. Every year, as part of their conservation and documentation efforts, the City completes and submits the Electronic Annual Report to the Drinking Water Program (eARDWP), as pursuant to Section 116530 of the California Health and Safety Code. The total groundwater production since 2016 is shown below in **Table 2.3**.

Table 2.3: 2016 - 2020 Groundwater Production (AF) (DWR Table 6-1 Retail)

Groundwater Type	Location or Basin Name	2016	2017	2018	2019	2020
Alluvial Basin	Sylmar Groundwater Basin	2,766	2,842	2,845	2,725	2,862
TOTAL		2,766	2,842	2,845	2,725	2,862

2.3 WATER SUPPLY SUMMARY

Over the past five years, the City's groundwater pumping ability has led the City to be completely independent of imported water. Due to rising costs of imported water, the continued reliance of groundwater provide cost savings for the City. **Table 2.4** shows the 2020 water supply. **Table 2.5** shows the water supply from 2016 to 2020.

Table 2.4: 2020 Water Supply (AF) (DWR Table 6-8 Retail)

Water Supply	Additional Detail on Water Supply	2020		
		Actual Volume	Water Quality	Total Right or Safe Yield
Purchased or Imported Water	MWD	0	Drinking Water	629
Groundwater (not desalinated)	Sylmar Groundwater Basin	2,862	Drinking Water	3,570
Total		2,862		4,199

Table 2.5: 2016 – 2020 Water Supply Summary

Year	Imported (AF)	Ground (AF)	Total (AF)
2016	0	2,766	2,766
2017	0	2,842	2,842
2018	0	2,845	2,845
2019	0	2,725	2,725
2020	0	2,862	2,862
Average (2015-2020):	0	2,808	2,808

2.4 PROJECTED WATER SUPPLY

The City expects to maintain their low levels of imported water purchases through groundwater production from its well facilities. It is unlikely that the City will add to these supply sources to include recycled water, as the infrastructure is not in place to receive recycled water. **Table 2.6** displays the City's projected supply availability outlook during a normal water year based on the City's adjudicated groundwater rights and MWD's Tier 1 limit.

Table 2.6: Projected Water Supply Availability (AF) (DWR Table 6-9 Retail)

Water Supply	Additional Detail on Water Supply	Projected Water Supplies				
		2025	2030	2035	2040	2045
Purchased or Imported Water	MWD	629	629	629	629	629
Groundwater (not desalinated)	Sylmar Groundwater Basin	3,570	3,570	3,570	3,570	3,570
Total		4,199	4,199	4,199	4,199	4,199

Although the City's groundwater rights are currently at 3,570 AFY, the City's overall water supply reliability is expected to remain consistent or improve slightly due to limited population growth coupled with conservation. The City will also continue to benefit indirectly from regional conservation efforts and also through MWD's efforts to augment its supplies and improve reservoir storage capacities. **Section 6** discusses reliability issues and compares the City's projected water supplies to projected demands for normal, dry, and multiple dry years through 2045.

2.5 ALTERNATE WATER SOURCES

This section provides an overview of alternative water sources (non-potable supplemental supplies) and their potential uses. Alternative water sources include recycled water, recycled stormwater, greywater, and desalinated seawater.

2.5.1 Recycled Water

Recycled water is the reuse of treated wastewater for non-potable and indirect potable reuse applications. Wastewater is treated to different levels of purification based on the usage need. Recycled water is often used to irrigate landscapes, replenish groundwater aquifers, and provide industrial users with an alternative water supply to meet their non-personal water use needs.

Wastewater Collection & Treatment System

Municipal wastewater is generated in the City's service area from a combination of residential, commercial, and industrial sources. The quantities of wastewater generated are generally proportional to the population and the water used in the service area. Under a contract entered into in 1969, the City's wastewater is collected and discharged to the City of Los Angeles for treatment

and disposal. The contract provides the City with purchased capacity rights in the Hyperion Treatment Plant in El Segundo, for average daily flow of 1.14 million gallons per day (MGD) and an instantaneous peak flow of 3.2 cfs.

Recycled Water Potential in the City

Due to the high costs involved in constructing recycled water infrastructure, the City has not considered using recycled water in the past and the City currently does not use recycled water. As a result, the City has not considered any formal plans nor has specifically identified any potential recycled water users. If the City were to use recycled water in the future (with help from LADWP or MWD), the City would benefit as typical recycled water users (large



Figure 2.10: Wastewater Treatment at Hyperion in El Segundo, CA

landscapes, City parks & medians, and dual-plumbed buildings) could receive recycled water. If the City anticipates receiving recycled water in the near future, the City could prepare an optimization plan which identifies specific recycled water customers. Currently, the City encourages the efficient use of potable water while raising awareness of alternative water sources such as recycled water.

Section 9 discusses future use for Recycled water within the City service area.

2.5.2 Greywater

Greywater systems have been used in California to provide a source of water supply for subsurface irrigation and also as a means to reduce overall water use. Greywater consists of water discharged from sinks, bathtubs, dishwashers, and washing machines. Greywater systems consist of an underground tank and pumping system. Greywater is currently legal for subsurface irrigation in the State of California; however, strict regulations and high installation costs have impeded installation of professional greywater systems and have the unintended consequence of undocumented and noncompliant use of greywater.

The promotion of greywater systems as a means to reduce the City's overall water use is not recommended since the use of greywater is currently limited to subsurface irrigation and therefore the overall service area-wide reduction in water use (in AF) would be minimal at best. The City does not currently have a formal program in place to support greywater use.

2.5.3 Desalinated Seawater

Seawater desalination is a process whereby seawater is treated to remove salts and other constituents to develop both potable and non-potable supplies. There are over 10,000 desalination facilities worldwide that produce over 13 million AFY. Desalinated water can add to Southern California's supply reliability by diversifying its water supply sources and mitigating against possible supply reductions due to water shortage conditions. With its Seawater Desalination Program, the MWD facilitates implementation and provides financial incentives for the development of seawater desalination facilities within its service area.



Figure 2.11: Desalination Plant

A total of five member agencies submitted projects totaling 142,000 AFY. In 2004, MWD adopted an Integrated Resource Plan (IRP) update, which included a desalination goal of 150,000 AFY by the year 2025. Currently, the five-member agency projects are in various levels of development. Since the City's service area is not located adjacent to the ocean, there are no plans to incorporate desalinated seawater into its supply sources.

2.6 TRANSFERS OR EXCHANGES

The City owns rights to extract 3,570 AF of groundwater annually; however, the City may experience at times reliability issues with its wells due to mechanical or water quality issues that limits the City's groundwater production. Conversely, the City may extract amounts in excess of 3,570 AFY based on the Sylmar Basin Judgment (up to 10 percent) or based on leases with the City of Los Angeles. The City may consider short-term or long-term leases of its groundwater either to or from the City of Los Angeles, based on the need. Additionally, the City has a 6-inch interconnection with the City of Los Angeles that is capable of transferring water to the City during short-term emergencies.

Over the long term, the City expects to reduce dependency on imported water while increasing water use efficiency. Groundwater is expected provide the majority of the City's water supplies while imported water will be purchased to meet the gap between total demand and groundwater production. Since the City's population is not expected to increase significantly, the City does not foresee a need to lease or to purchase groundwater rights as a long-term practice.

2.7 PLANNED SUPPLY PROJECTS

The City continually reviews practices that will provide its customers with adequate and reliable supplies. Due to this fact, the City is currently in the design phase of a denitrification treatment plant for Well No. 3. This is in addition to the denitrification treatment plant (ion-exchange) that completed construction for Well No. 7A in 2018. Since Well No. 3 has had nitrate readings slightly above the MCL of 10 mg/l in the past, it has been taken offline and production has temporarily

halted. With the completion of these treatment plants, groundwater quality and production will be increased.

The City's local groundwater source from the Sylmar Basin provides a reliable local water source which is an asset utilized to minimize the City's dependence on imported water. The City will continue effective operation and maintenance efforts to ensure all well sites and water infrastructure are used in an efficient manner.

2.8 ENERGY INTENSITY

2.8.1 Overview

New to the 2020 UWMP, it is required that every urban water supplier assess the energy required to distribute their water supply to their consumers or member agencies. The water supplier's energy intensity is required for the preparation of an UWMP, as defined in CWC Section 10631.2(a). Energy intensity vary with climate, topography, source characteristics, proximity, and other factors. Therefore, urban water suppliers face issues related to the economic costs of the energy required for their operations, as well as issues related to the sustainable supply of energy and water. Knowing how much energy is needed to deliver water to customers is important because of its significance for the State's total energy demands, and for its implications regarding greenhouse gas (GHG) emissions and climate goals for the region and State.

This Section includes an assessment of the energy intensity of the water supply operation for the City. Energy is required for the pumping, conveyance, treatment and distribution of water, and for collection, treatment, and discharge of wastewater, and/or conveyance and distribution of recycled water. **Figure 2.12** illustrates a typical water use diagram.

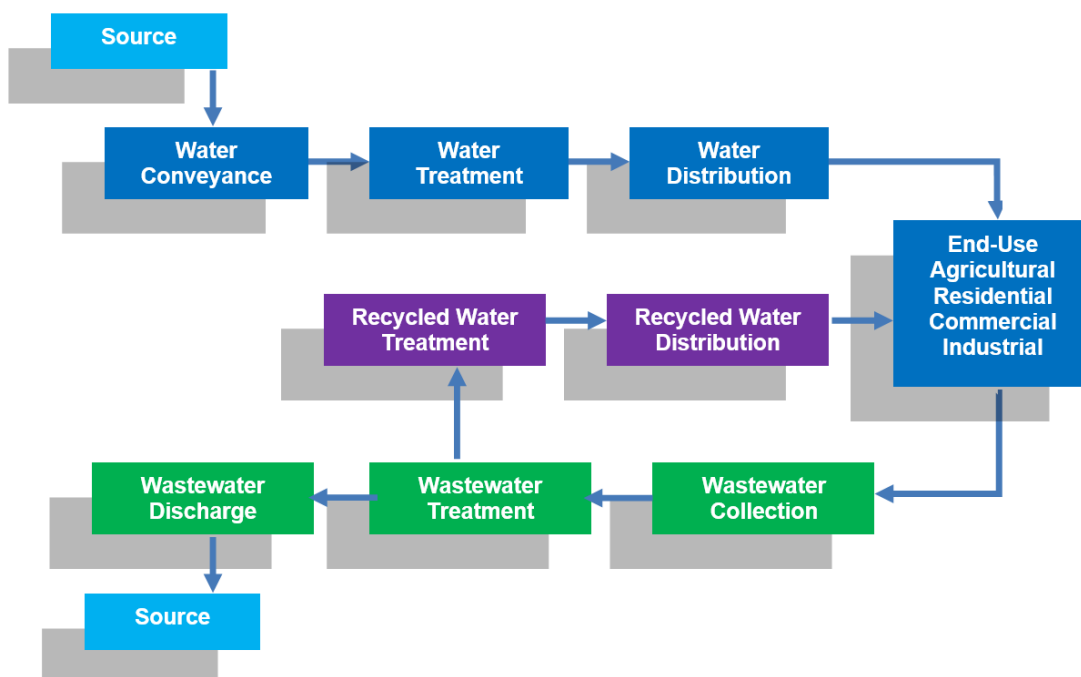


Figure 2.12: Typical Municipal Water Use Diagram

Energy intensity in respect to water supplies is a measure of unit energy consumption an urban water supplier expends per AF to convey water from the point where the supplier acquires the water to the point of delivery. Energy for public water and wastewater services are measured in kilowatt-hours of electricity, which is then normalized by water volume to express energy intensity in kilowatt-hour per acre-feet (kWh/AF).

Some of the main differences between energy use associated with various water supply sources are the distances the water must be transported from its origins (the amount of pumping necessary to harvest and distribute the water) and the location of treatment facilities in relation to the end users, among others.

2.8.2 Water Use & Energy Relationship

Energy production can emit a number of different types of Greenhouses Gas (GHGs). California's Air Resources Board recognizes that energy production accounts for between 30 and 40 percent of total GHG production in California, and include the following inventory of GHGs: Carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), sulfur hexafluoride (SF₆), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and nitrogen trifluoride (NF₃). These GHGs vary in magnitude in terms of their GHG strength, and therefore are converted to be equivalent to CO₂ for the purposes of measuring GHG emission across the state. CO₂ emissions (or the equivalent for other GHGs) are the common measurement for GHG emissions. Currently, statewide water uses accounts for nearly 20 percent of electricity use, and 30 percent of non-power plant related natural gas consumption. Water use and energy are linked in at least three critical ways:

- Water pumping and purification: The amount of energy used to pump water will depend upon the source (e.g., surface versus groundwater), the distance and height the water must be moved, and treatment requirements.
- Wastewater treatment: The amount of energy used in wastewater treatment plant typically ranges from 1,100 to 4,600 kWh per million gallons of wastewater treated.
- Water heating: In an average California home, 41 percent of the water is used for dishwashing, faucets, laundry, and bathing water that is often heated.

These amounts, in total, are so significant that one must also count the amount of GHGs from the fossil fuels that are burned to produce the oil, gas, coal and other combustibles which are then burned to produce the electricity. The City understands the water-energy nexus and aims to conserving water saves the energy that would have been used to convey and distribute the water. Reducing the energy consumption in water operations leads to the decreases production of GHGs.

2.8.3 Energy Usage and Intensity

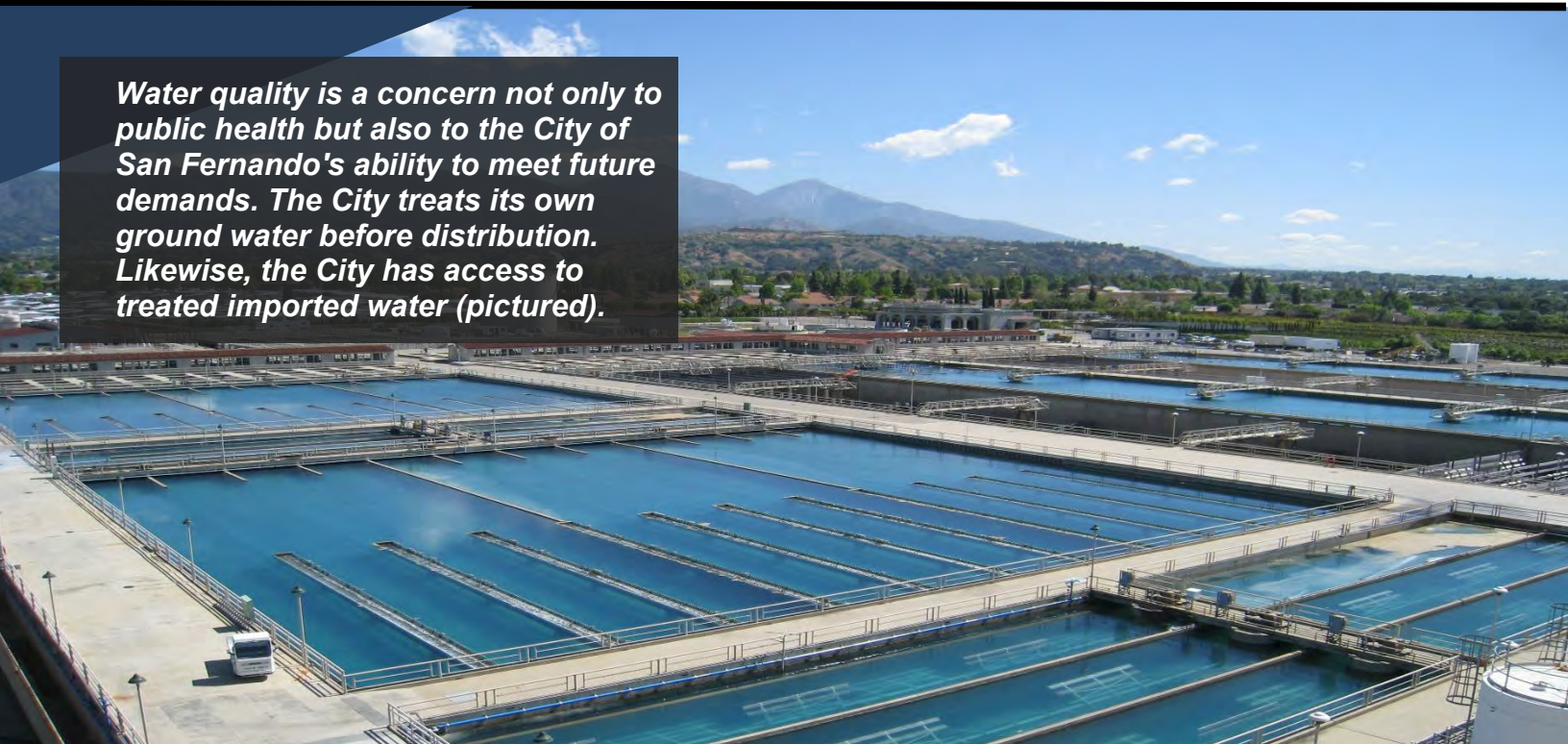
In order to determine energy use related to water supply processes under the City's operational control, the City collected billing and energy quantity data provided by Southern California Edison (SCE) for 2020 (January 1, 2020 to December 31, 2020) representing the comprehensive one-year reporting period. The billing amounts for each facility were converted to an energy use quantity measured in kilowatt hours (kWh) for electricity. **Table 2.7** summarizes the energy intensity for the City. As shown, over 2.2 million kWh of energy was used to deliver over 2,800 AF of potable

water. This equates to an energy intensity of 789 kWh/AF. DWR requires the reporting of energy intensity as kWh per million gallons (kWh/MG). Therefore, the City's energy intensity is 2,421.2 kWh/MG.

Table 2.7: City of San Fernando Total Energy Intensity (DWR Table O1-B)

Enter Start Date for Reporting Period	1/1/2020	Urban Water Supplier Operational Control		
End Date	12/31/2020			
<input type="checkbox"/> Is upstream embedded in the values reported?		Sum of All Water Management Processes	Non-Consequential Hydropower	
<i>Water Volume Units Used</i>	AF	Total Utility	Hydropower	Net Utility
<i>Volume of Water Entering Process (volume unit)</i>		2861.89		2861.89
<i>Energy Consumed (kWh)</i>		2257920		2257920
<i>Energy Intensity (kWh/vol. converted to MG)</i>		2421.2	#DIV/0!	2421.2

Water quality is a concern not only to public health but also to the City of San Fernando's ability to meet future demands. The City treats its own ground water before distribution. Likewise, the City has access to treated imported water (pictured).



SECTION 3: WATER QUALITY

CITY OF SAN FERNANDO | 2020 URBAN WATER MANAGEMENT PLAN

SECTION 3 WATER QUALITY

3.1 WATER QUALITY SUMMARY

In 1974, Congress passed the Safe Drinking Water Act in order to protect public health by regulating the nation's drinking water supply. As required by the Safe Drinking Water Act, the City provides annual Water Quality Reports to its customers. Currently, all of the water that the City distributes to its customers meet federal Environmental Protection Agency (EPA) standards and the State Water Resources Control Board (State Water Board) standards.

The quality of water distributed to the City water system is directly related to the quality of the supply sources from which they obtain their water. This section explores the quality of the City's supply sources and examines important water contaminants that are actively monitored as part of its efforts to supply safe drinking water to its customers.

3.2 QUALITY OF SOURCES

The two main sources of the City's water supply as mentioned in **Section 2** are imported water from MWD and groundwater from the Sylmar Basin. Thus, the quality of water delivered to the City's customers is a result of the efforts of both the City and MWD.

3.2.1 Imported Water Overview

The City receives imported water from MWD on an as-needed basis for emergency purposes to meet federal and state standards. Imported water obtained from the SWP and the CRA contain specific contaminants that are characteristic of the Bay Delta and the Colorado River regions. Some of the contaminants of concern include: salinity, biological loads, disinfection by-products, perchlorate, uranium, and arsenic. MWD's 2020 UWMP discusses the water quality concerns of its supplies in detail.



Figure 3.1: Jensen Treatment Plant began Utilizing Solar Power in 2018

To provide safe drinking water to its customers, MWD treats its water supply at five separate treatment plants, three of which blend a mixture of SWP and CRA water. Of the five plants that serve Southern California, the City has access to treated effluent from the Jensen Treatment Plant.

Although MWD water meets all regulatory requirements, MWD understands the need for stringent testing and quality assurance for its customers. Water is analyzed and tested at one central, state-of-the-art treatment facility in addition to five satellite laboratories at each treatment facility to ensure the quality and safety of its water.

3.2.2 Imported Water Quality

MWD is responsible for providing the City with water that meets all drinking water regulations contained in California's Title 22 and federal regulations contained in the Code of Federal Regulations, Volume 40, Section 141. The City does not provide any additional treatment prior to delivery of water to its customers; however, the City operates its distribution system in a manner that maintains the water quality of the water received from MWD.

MWD's supplies originate from the CRA and from the SWP. Both supplies are generally of high quality; however, both supplies face water quality challenges.



Figure 3.2: MWD's Weymouth Treatment Plant Provides a Safe Supply of Water

Salinity

Colorado River Aqueduct - Water imported from the Colorado River via the CRA has the highest level of salinity of all of MWD's sources of supply, averaging around 630 milligrams per liter (mg/L). The salts found in the Colorado River system are indigenous and pervasive, mostly resulting from saline sediments in the Basin and deposits from prehistoric marine environments. The salts are susceptible to erosion, and frequently dissolve and travel into the river system. To offset these salinity levels, CRA water often blends (mixed) with lower-salinity water from the SWP to meet MWD's flow-weighted TDS standard of 500 mg/L for imported water; however, due to limited availability during the recent drought, MWD treated lower blends of SWP supply resulting in TDS averages above MWD's goal of 500 mg/L.



Figure 3.3: Native Rock Adds to the Salinity of the Colorado River Water Supplies

State Water Project - SWP supplies have significantly lower TDS concentrations when compared to the Colorado River, averaging approximately 250 mg/L from the SWP East Branch and 325 mg/L from the SWP West Branch according to MWD's 2020 UWMP. Because of SWP's lower salinity level, MWD blends SWP water with CRA to reduce the salinity of the delivered water. MWD has set a salinity objective for delivered water in its Salinity Management Policy of less than of 500 mg/L of TDS.

Perchlorate

Perchlorate is both a naturally occurring and manmade contaminant increasingly found in groundwater, surface water, and soil. Perchlorate, known to inhibit the thyroid's ability to produce growth and development hormones, was first detected in Colorado River water in June of 1997 and traced back to the Las Vegas Wash.

Perchlorate, unlike other contaminants, does not tend to interact readily with soil and does not degrade in natural environments. Conventional drinking water treatment, used at MWD's water treatment facilities, is not effective in removing perchlorate. Mitigation efforts are the most viable option for removing perchlorate from drinking water. To facilitate perchlorate remediation of the Colorado River, MWD and other federal and state agencies collaborated to reduce and prevent perchlorate contamination issues in the Colorado River. According to MWD's Annual Report 2020, mitigation efforts have been successful in reducing perchlorate loading into the Las Vegas Wash by more 90 percent since 1998.

As of October 2007, the State Water Resources Control Board Division of Drinking Water (DDW) has established a perchlorate maximum contaminant level (MCL) of 6 micrograms per liter ($\mu\text{g/L}$). DDW is currently in the process of reviewing the updated public health goal MCL of 1 $\mu\text{g/L}$ established in 2015 by EPA's Office of Environmental Health Hazard Assessment (OEHHA). MWD routinely monitors perchlorate within its system, and levels currently remain at non-detectable levels (below 2 $\mu\text{g/L}$). MWD has not detected perchlorate in the SWP since monitoring began in 1997.

Disinfection Byproducts Formed By Reacting With Total Organic Carbon & Bromide

Disinfection byproducts (DBPs) are contaminants affecting SWP supplies. When source water containing high levels of total organic carbon (TOC) and bromide meets disinfectants, such as chlorine, disinfection byproducts form. Elevated levels of DBPs may link to adverse health effects, including certain cancers.

TOC and bromide levels are significantly high throughout the Delta due to agricultural drainage and seawater intrusion. Because of these high levels of TOC and bromide, in August 2000, CALFED adopted water quality goals for the Bay-Delta region that specify standards of bromide and TOC for drinking water in order to protect public health. The federal government took action to regulate DBP contaminants in 2002 and 2006 when EPA introduced new regulations to protect against the risk of DBP exposure.

While lower in salinity, SWP supplies are much higher in chemical content due to the agriculture of the Bay-Delta region.

MWD has taken several steps to decrease DBP presence in SWP water supplies. In 2003 and 2005, MWD completed upgrading two of its water treatment plants, Mills and Jensen, to utilize ozone as the primary disinfectant, preventing the formation of DBPs that would normally form in chlorine treatment of SWP water. In 2010, 2015, and 2017, MWD completed ozone upgrades at Skinner, Diemer, and Weymouth water treatment plants, respectively.

Nutrients

Elevated nutrient levels in the SWP can adversely affect MWD's imported water quality by stimulating biomass growth such as algae and aquatic weeds. Nutrients can also provide a source of food leading to the growth of nuisance biological species. This can lead to taste and odor concerns and can impede normal treatment operations. MWD offsets the nutrient rich SWP water by blending it with CRA water in MWD's blend reservoirs. Although nutrient loading is a concern and is anticipated to have cost implications, with its comprehensive monitoring program and response actions to manage algal related issues, there should be no impact on availability of water supplies. MWD's source water protection program will continue to focus on preventing future increases in nutrient loading as a result of urban and agricultural sources.

Arsenic

Arsenic is a naturally occurring element found in rocks, soil, water, and air. Arsenic typically has presence in wood preservatives, alloying agents, certain agricultural applications, semi-conductors, paints, dyes, and soaps. It can travel into water from the natural erosion of rocks, dissolution of ores and minerals, runoff from agricultural fields, and discharges from industrial processes. Long-term exposure to elevated levels of arsenic in drinking water may link to certain cancers, skin pigmentation changes, and hyperkeratosis (skin thickening).

In April 2004, OEHHA set a public health goal for arsenic of 0.004 µg/L. The MCL for arsenic in domestic water supplies lowered to 10 µg/L on January 2006 in the federal regulations and on November 2008 in the California regulations. The standard affects both groundwater and surface

water supplies. Historically, MWD's water supplies have had low levels of this contaminant and did not require treatment changes or capital investment to comply with the standard.

The detection limit for purposes of reporting (DLR) for arsenic is 2 µg/L. Between 2010 and June 2020, arsenic levels in MWD's water treatment plant effluents ranged from non-detect (< 2 µg/L) to 3.3 µg/L. For MWD's source waters, levels in the Colorado River water have ranged from 2.2 to 2.8 µg/L, while levels in SWP water have ranged from non-detect to 4.8 µg/L. Increasing coagulant doses at water treatment plants can reduce arsenic levels for delivered water.

Uranium

Uranium is a naturally occurring radioactive material that has known cancer risks. Uranium can infiltrate a water source either directly or indirectly through groundwater seepage. Due to past uranium mill activities near the Colorado River, a 16-million-ton pile of uranium mill tailings exists that has the potential for contamination. Ongoing remediation actions are successful at removing the tailings and contaminated groundwater from the site. Although uranium levels measured at MWD's intake are below State MCL levels, MWD has only limited ability to remove uranium through traditional treatment, and thus mitigation methods are crucial to avoiding uranium contamination.

Chromium VI

Chromium VI is a drinking water contaminant of concern. Hexavalent chromium is used in electroplating stainless-steel production, tanning leather, manufacturing textiles, manufacturing dyes and pigments, and preserving wood as an anti-corrosion agent. Chromium VI is a health hazard to humans, causing cancer when inhaled; however, the long-term health effects of ingested chromium VI are currently being determined. In July 2014, an MCL of 10 µg/L for hexavalent chromium became effective for drinking water. California also regulates the total chromium (including chromium III and chromium VI) in drinking water as an MCL of 50 µg/L. In May 2017, the Superior Court of Sacramento County issued a judgment invalidating the MCL on the basis that CDPH (now DDW), had not properly considered the economic feasibility of complying with the MCL. DDW therefore rescinded the chromium VI MCL; however, chromium VI remains regulated as part of total chromium which does have an MCL. In February 2020, DDW released a white paper discussion on an updated economic feasibility analysis of chromium VI treatment for the consideration of a new chromium VI MCL. Over the past five years, the Colorado River water supply has contained levels of chromium VI that are mainly less than 0.03 µg/L but also ranging from 0.03 to 0.085 µg/L. SWP's water supply has contained levels ranging from 0.03 to 1.0 µg/L.

1, 2, 3 – Trichloropropane (1,2,3-TCP)

1,2,3-TCP is a chlorinated hydrocarbon with high chemical stability. It is a manmade chemical found at industrial or hazardous waste sites. It has been used as a cleaning and degreasing solvent and also is associated with pesticide products. In July 2017, SWRCB adopted an MCL of 5 parts per trillion (ppt) for 1,2,3-TCP and related requirements, including establishing a DLR, identifying the best available technology for treatment, and setting public notification and consumer confidence report language. The regulations also included a method for public water systems to substitute existing water quality data for initial monitoring requirements under certain circumstances. Under the new regulation, drinking water agencies are required to perform



quarterly monitoring of 1,2,3-TCP. To this day, there have been no detections of 1,2,3-TCP in MWD's system.

N-Nitrosodimethylamine

N-Nitrosodimethylamine (NDMA) is an emerging contaminant of drinking water. NDMA forms as a disinfection byproduct when source waters containing certain organic material mix with chloramines at treatment plants. EPA and DDW consider NDMA to be a probable human carcinogen; however, neither has yet established an MCL. Since 1998, DDW has kept a notification level of 0.01 µg/L. In addition, in December 2006, OEHHA set a public health goal for NDMA of 0.003 µg/L. Since 1999, MWD has conducted voluntary monitoring of the five treatment plant effluents and representative distribution system locations semi-annually. NDMA is the only detected nitrosamine in MWD's treated water systems, and it is in the range of non-detect (<0.002 µg/L) to 0.006 µg/L.

Pharmaceuticals and Personal Care Products

Pharmaceuticals and personal care products (PPCPs) have recently become contaminants of concern for water supplies. Discoveries of PPCPs include trace amounts found in treated wastewater, surface water, and sometimes even in finished drinking water. Currently, there is no detected health hazard associated with long-term exposure to low concentrations (low nanograms per liter (ng/L); parts per trillion) of PPCPs found in some drinking water. No state or federal regulations currently exist to regulate this contaminant.

Microplastics

In 2018, Senate Bill No. 1422 added section 116376 to the Health and Safety Code, which required the State Water Board to adopt a definition of microplastics in drinking water on or before July 1, 2020. On June 16, 2020, the SWRCB adopted a definition acknowledging the definition is a work in progress, and stated the State Water Board will re-visit the microplastic definition as knowledge in the field progresses. MWD is participating in a study with the Southern California Coastal Water Research Project to develop analytical methods for microplastics.

Per- And Polyfluoroalkyl Substances (Pfas)

Drinking water containing perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS) – and the larger family of per- and polyfluoroalkyl substances (PFAS) – has become an increasing concern due to the persistence of these chemicals in the environment and their tendency to accumulate in groundwater. In August 2019, DDW updated its guidelines for local water agencies to follow in detecting and reporting the presence of these chemicals in drinking water. The guidelines lower the notification levels from 14 ppt to 5.1 ppt for PFOA and from 13 ppt to 6.5 ppt for PFOS. These levels are based on updated health recommendations from OEHHA, which is part of the EPA. Notification levels are non-regulatory, precautionary health-based measures for concentrations of chemicals in drinking water that warrant notification and further monitoring and assessment. If a chemical concentration is greater than its notification level in drinking water that is provided to consumers, DDW recommends that the utility inform its customers and consumers about the presence of the chemical, and about health concerns associated with exposure to it.

Legislation that took effect on January 1, 2020 (California Assembly Bill 756), requires that water systems that receive a monitoring order from SWRCB and detect levels of PFAS that exceed their respective response level must either take a drinking water source out of use or provide specified public notification if they continue to supply water above the response level.

MWD has not detected PFOA or PFOS in its raw water. In 2019, NWD detected in its supplies low levels of perfluorohexanoic acid (PFHxA), which is not acutely toxic or carcinogenic and is not currently regulated in California or at the federal level. No other PFAS have been detected in MWD's imported or treated supplies; however, some of its member agencies have experienced detections in their groundwater wells. As DDW moves to establish an MCL for PFOA/PFOS, MWD's member agencies may be confronted with the choice of implementing treatment or inactivating their affected sources to remain in compliance with DDW regulations. This may cause those systems to supplement their water needs with increased purchases of MWD's water.

3.2.3 Groundwater Quality

In addition to imported water quality concerns, the City is also concerned with groundwater quality pumped from the Sylmar Basin. In general, groundwater in the main producing aquifers of the basins of the ULARA Basins has significant contamination issues. However, groundwater produced from the Sylmar Basin typically has better quality than groundwater produced from other ULARA Basins. Some of the main constituents of concern that have affected well production in the Sylmar Basin include perchlorate, nitrate and volatile organic compounds (VOCs), trichloroethylene (TCE) in particular, which have been detected in various wells over the past five years. Other ULARA constituents of concern include high total dissolved solids (TDS) and total hexavalent chromium. Currently, the City is undergoing well upgrades to include denitrification systems to increase pumping capabilities. In 2015, only 50 percent of the City's pumps were active (Wells 2A and 4A) while the remaining wells (Wells 3 and 7A) were inactive due to the high nitrate levels. In 2018, Well 7A completed construction of an ion-exchange system to treat the nitrate contaminants and has resumed pumping. The City is currently working on implementing the same system onto Well 3 and plan to reactivate by 2022.

3.3 WATER QUALITY EFFECTS


The previous subsection summarized the general water quality issues of MWD's imported water and the Basin's groundwater supplies. The same water quality concerns apply to the City's water supply. Groundwater that does not meet drinking water standards now must be provided wellhead treatment, since blending with imported water to meet state and federal standards is no longer in effect.

Due to the mitigation actions undertaken by the City and MWD, the City does not anticipate any reductions in its water supplies due to water quality issues. Future regulatory changes enacted by the EPA and/or the State legislature will be met through additional mitigation actions in order to meet the standards and to maintain water supply to the City's customers.

Additionally, during times of groundwater supply reduction due to water quality concerns, the City will import water to meet demand until mitigation actions are complete and the City is operating its groundwater facilities at full capacity. Thus, the City does not expect water quality to be a major factor in its overall supply reliability or management considerations.



THIS PAGE LEFT BLANK INTENTIONALLY



The City of San Fernando is committed to protecting statewide water sources by achieving water use targets and reducing water demand. The City's water demand is mostly residential with some commercial, landscape, and no industrial.

SECTION 4: WATER DEMANDS

CITY OF SAN FERNANDO | 2020 URBAN WATER MANAGEMENT PLAN

SECTION 4 WATER DEMANDS

4.1 INTRODUCTION

Water use within the City is variable and depends on a number of factors which range from irrigation to industrial use and from inefficient plumbing to water losses. Changes in residential plumbing fixtures and customer usage habits can significantly affect water usage for most agencies. This section explores the water usage trends within the City and quantifies total usage per customer type. In addition, the provisions of the SBx7-7 are explored in detail.

4.2 CURRENT CITY WATER NEEDS

The City of San Fernando, like many other cities of Southern California, began as an agricultural area and throughout the years has transformed into a suburban town. Initially the land uses in the City were primarily agricultural with some residential. By 1920, the City's population reached 3,204 persons and the City continued to grow at a rate of about 275 people per year until 1990, when the population growth rate began to level off.



Figure 4.1: Residential Irrigation

The City's population growth rate has decreased in the past 20 years and is currently at under 0.3 percent annually. The City is approaching ultimate "built-out" with remaining expected future water demands primarily attributable to possible land use changes in residential densities, such as multi-story residence complexes, and in-fill land development projects. Due in part to this slowed growth, the City's water use over the past 15 years has been fairly consistent and recent total water consumption reported for calendar year 2009 is slightly less than total water consumption reported for calendar years 1995 through 1997. As a result, the City's local groundwater sources and imported supply capacity put the City in a position of providing a reliable source of quality water for its water users due to this consistency of water demands.

The City supports water conservation while maintaining the beauty of its community parks, schools, and recreational facilities both in the private and in the public sector. Since the City is zoned mainly for residential use and the majority of residential water consumption in the City is used for non-personal purposes (i.e., irrigation, car washing, etc.), the City has a significant number

of residential lots which require consistent irrigation to maintain landscapes. Of the water used for personal purposes, the majority of water consumed is attributable to toilet flushing and clothes washing.

In the commercial and institutional sector, water needs vary as customers range from restaurants to offices and from retail stores to schools. Office buildings and retail stores require significantly less water than restaurants and schools and are not usually the key focus of water conservation efforts.

In order to maintain civic pride and a sense of community, City parks and other City right of ways (medians, etc.) require consistent irrigation. To prevent water waste, the City follows an irrigation schedule that limits the length of irrigation to avoid overspray runoff and also eliminates evapotranspiration from daytime watering.



Figure 4.2: Las Palmas Park

Overall water use characteristics within the City's service area reflect regional water use characteristics within Southern California. As a result of these water needs, the City has passed a conservation ordinance similar to other agencies which limits or restricts non-personal water use during periods of drought to conserve water use for the more important health and safety needs of its customers. The City's Conservation Ordinance is discussed in greater detail in **Sections 6 and 7**.

4.3 WATER USE STATISTICS

The City maintains records of water consumption and bills its customers on a monthly basis for its water service. **Table 4.1** shows a comparison of the City's service connections from 2015 and 2020. The City currently has over 5,200 service connections with a mixture of residential, commercial, institutional, industrial, and landscape irrigation customers. Over 83 percent of the total metered connections are residential (single & multi-family). Commercial & institutional accounts comprise nearly 10 percent of the City's metered connections. Industrial accounts make up about 3 percent of the total metered connections. Water sales data is compiled by City water staff and recorded on the eARDWP and submitted to DDW annually. **Tables 4.2 and 4.3** show the 2020 and past years water consumption, respectively.

Table 4.1: Service Connections Comparison
(2015 – 2020)

Sector	2015	2020
Single Family Residential	3,837	3,920
Multi-Family Residential	459	457
Commercial/Institutional	599	549
Industrial	171	176
Landscape Irrigation	70	67
Other	6	69
Total Connections:	5,142	5,238

Table 4.2: 2020 Water Demands (AF) (DWR Table 4-1 Retail)

Use Type	2020 Actual		
	Additional Description	Level of Treatment When Delivered	Volume
Single Family		Drinking Water	1,411
Multi-Family		Drinking Water	451
Commercial		Drinking Water	317
Institutional/Governmental		Drinking Water	173
Industrial		Drinking Water	211
Landscape		Drinking Water	87
Losses	Unaccounted Water	Drinking Water	212
TOTAL			2,862

Table 4.3: Historic Water Demand by Sector (AF)

Sector	2015	2016	2017	2018	2019	2020
Single Family Residential	1341	1,333	1,348	1,409	1,311	1,411
Multi-Family Residential	420	427	416	419	418	451
Commercial	337	334	345	351	346	317
Institutional	123	125	124	134	163	173
Industrial	188	213	219	228	234	211
Landscape	100	99	87	96	84	87
Unaccounted Water	257	235	303	208	170	212
Total Water Sales:	2,766	2,766	2,842	2,845	2,725	2,862

Table 4.4 shows the water losses in the past five years. Unaccounted for water contributes to a significant portion of the City's overall water use of the total water supply into the City's distribution system. Unaccounted for water consists of routine flushing, unmetered use, and water losses. The reasons for water losses may be from a difference in accuracy of the meter at the production side compared to the service meters, periodic main line flushing, reservoir and other water system maintenance that is typical in the operation and maintenance of a water system. Water losses are calculated based on the water system balance methodology developed by the American Water Works Association (AWWA) through water loss audit forms. These forms are required to be validated and submitted to DWR on an annual basis. Note that the losses for 2020 are estimates and not the actual amount to be validated and submitted on the AWWA Water Loss Audit.

Table 4.4: City's Past Water Losses (AF)
(DWR Table 4-4 Retail)

Reporting Period Start Date (mm/yyyy)	Volume of Water Loss
05/2015	152.475
01/2017	288.573
01/2018	193.138
01/2019	159.846
01/2020	212.000



Recently, the City has identified a leak in Reservoir No. 4, and is planning rehabilitation of this reservoir following the completion of the denitrification treatment plant for Well No. 3.

Although water losses have cost impacts on water agencies, they cannot be prevented entirely. Instead, effort is given to controlling the quantity of water losses (to a cost-effective extent) in order to reduce the cost impact of water losses on water operations.

4.4 WATER CONSERVATION ACT

4.4.1 SBx7-7 Background

Due to the limited amount of water allowed to be pumped in the San Joaquin Delta, the CA Legislature drafted the Water Conservation Act of 2009 (SBx7-7) to protect statewide water sources. The legislation called for a 20 percent reduction in water use in California by the year 2020. The legislation amended the Water Code to call for 2015 and 2020 water use targets in the 2010 UWMPs, updates or revisions to these targets in the 2015 and 2020 UWMPs, and allows DWR to enforce compliance to the new water use standards. In essence, the bill requires each urban retail water supplier to develop urban water use targets to help meet the 20 percent goal by 2020 and an interim 10 percent goal by 2015.

The bill establishes methods for urban retail water suppliers to determine their targets to help achieve statewide water reduction targets, which may or may not be a strict 20 percent level. The retail water supplier must select one of the four target-setting methods as described in **Section 4.4.3**. The retail agency may also choose to comply with SBx7-7 as an individual or as a region in collaboration with other water suppliers. Under the regional compliance option, the retail water supplier is mandated to report the water use target for its individual service area. The bill also includes reporting requirements in the 2010, 2015, and 2020 UWMPs. Beginning in 2016, failure to comply with interim and final targets makes a retail agency ineligible for grants and loans from the state needed to attain water self-sufficiency by 2020; however, if an agency which is not in compliance documents a plan and obtains funding approval to come into compliance, it could then become eligible for grants or loans.

Wholesale water suppliers, are not required to determine baseline daily per capita water use, urban water use target, interim urban water use target, or compliance daily per capita water use. Instead, wholesale water suppliers are required to include in their UWMPs discussions of programs they intend to implement to support the retail water suppliers, such as City of San Fernando, in attaining their reduction goals and targets.

4.4.2 SBX7-7 Provisions

In addition to an overall statewide 20 percent water use reduction, the objective of SBx7-7 is to reduce water use within each hydrologic region in accordance with the agricultural and urban water needs of each region. Currently, DWR recognizes 10 separate hydrologic regions in California as shown in **Figure 4.3**. Each hydrologic region has been established for planning purposes and corresponds to the State's major drainage areas. The City is located in the South Coast Hydrologic Region (HR), which includes all of Orange County, most of San Diego and Los Angeles counties,

parts of Riverside, San Bernardino, and Ventura counties, and a small amount of Kern and Santa Barbara counties. The South Coast HR is shown in **Figure 4.4**.

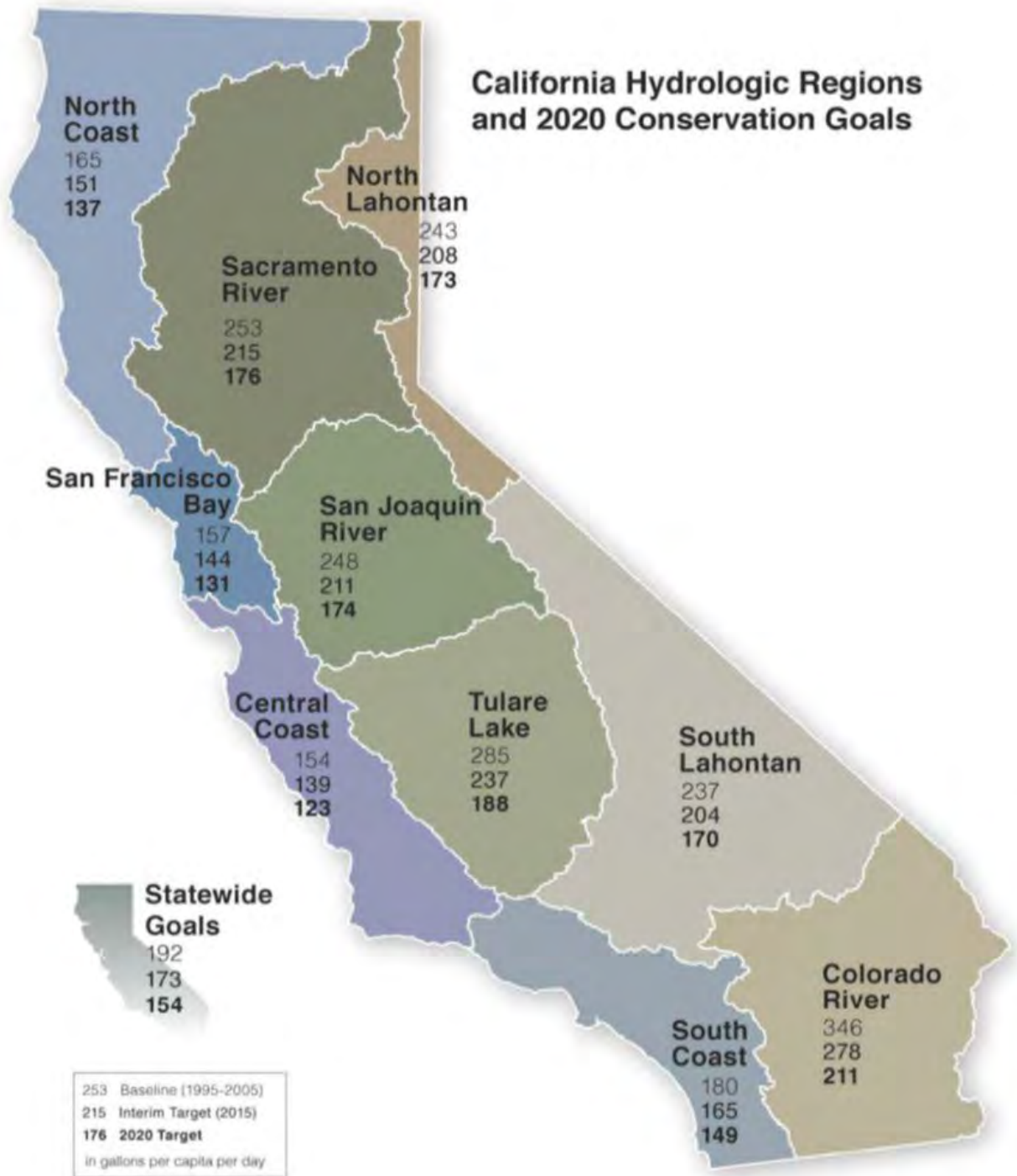


Figure 4.3: California's 10 Hydrologic Regions (with Baselines by Region)



Figure 4.4: South Coast Hydrologic Region

Per capita water use, measured in gallons per capita per day (GPCD), in the South Coast HR varies between different water agencies, depending on the geographic and economic conditions of the agency's service area. The South Coast HR has an overall baseline per capita water use of 180 GPCD and DWR has established a regional target of 149 GPCD for the region as a compliance target to satisfy SBx7-7 legislation.

4.4.3 SBx7-7 Methodologies

To satisfy the provisions of SBx7-7, the City previously established a per capita water use target for the year 2020 as well as an interim target (2015). DWR provided guidelines for determining these targets in its *Methodologies for Calculating Baseline and Compliance Urban Per Capita Water Use* (released 2010; revised 2011 and 2016) and also in the 2015 and 2020 UWMP Guidebooks. In the 2010 UWMP, the City's baseline water use was determined based on the City's historic water use by the procedure shown in **Figure 4.5**.

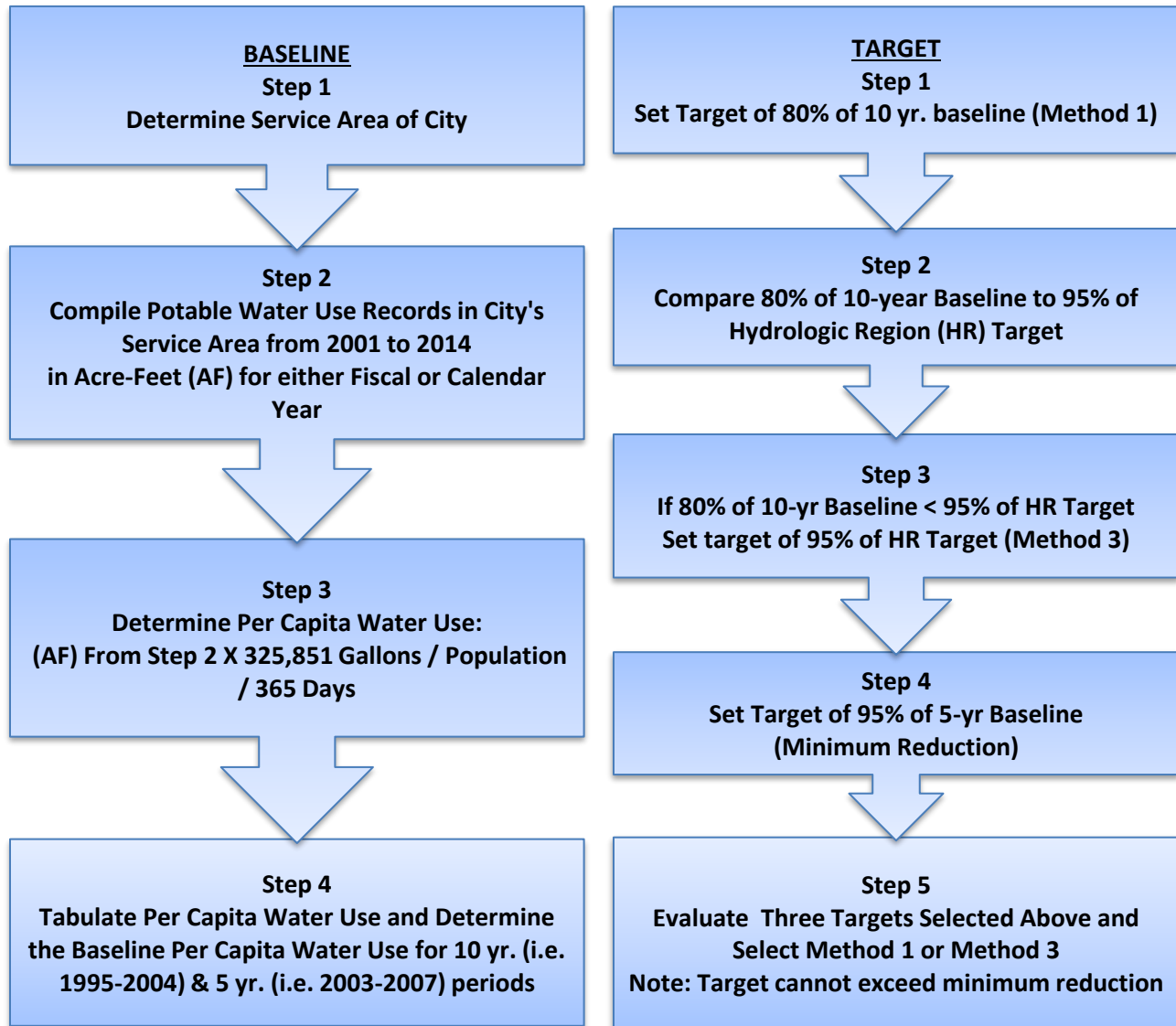


Figure 4.5: Procedure for Determining Baseline and Per Capita Water Use

In the same fashion, the City was responsible for determining a 5-year baseline water use in accordance with DWR's guidelines. The Methodologies guidebook made provisions that allowed a water supplier to meet the target requirements by achieving any one of a number of target requirements, provided that the water supplier's per capita water use is low enough relative to the region within which it supplies water. DWR has established four compliance methods for urban retail water suppliers to choose from. Each supplier is required to adopt one of the four methods to comply with SBx7-7 requirements. The four options are shown in **Table 4.5**.

These options were established in order to avoid placing any undue hardship on water agencies that have already been implementing water conservation measures. The basic procedure for determining the applicable water reduction target is illustrated by **Figure 4.5**.

If an agency's 10-year baseline is slightly higher than the Hydrologic Region's target, that agency still must achieve a five percent reduction from its 5-year baseline. If an agency has a per capita water use of 100 GPCD or less, that agency will not have to adhere to any reduction targets as that agency is already considered water efficient.

4.4.4 SBx7-7 Water Use Targets

During the development of the 2015 UWMP, it was observed that the service area populations for 1995 to 2009 calculated in the 2010 UWMP were not obtained from the U.S. Census. According to Methodology 2: Service Area Population of DWR's *Methodologies for Calculating Baseline and Compliance Urban Per Capita Water Use*, if a water supplier did not use Census data to calculate baseline population in the 2010 UWMP, the water supplier must recalculate the values for the 2015 UWMP using Census data. Therefore, the City of San Fernando revised their baseline water use and SBx7-7 targets for the 2015 UWMP.

Table 4.6 provides the base period ranges used to calculate the baseline water use for the City as well as the service area population and annual water use data from the base daily per capita water use. The data was used to calculate the continuous 10-year and 5-year average baseline. Since the City does not use recycled water, a 10-year instead of a 15-year rolling average was calculated. The City's baseline water use is **141 GPCD**, which was obtained from the 10-year period January 1, 1995 to December 31, 2004.

Table 4.5: DWR Compliance Methods

Methods	Description
Method 1	A strict 20 percent reduction from the baseline by 2020 and 10 percent by 2015
Method 2	A budget-based approach by requiring an agency to achieve a performance standard based on three metrics: <ul style="list-style-type: none"> ○ Residential indoor water use of 55 GPCD ○ Landscape water use commiserate with a Model Landscape Ordinance ○ 10 percent reduction in baseline CII water
Method 3	Requires achievement of 95 percent of the applicable state hydrologic region target as set forth in the State's 20x2020 Water Conservation Plan
Method 4	Requires the subtraction of Total Savings from the Base GPCD: <ul style="list-style-type: none"> ○ Total Savings includes indoor residential savings, meter savings, CII savings, and landscape and water loss savings

Table 4.6: Past GPCD Water Use

Calendar Year	Service Area Population	Gross Water use (AF)	Daily Per Capita Water use (GPCD)
1995	22,811	3,460	135
1996	22,774	3,564	140
1997	22,869	3,575	140
1998	23,005	3,324	129
1999	23,193	3,996	154
2000	23,477	3,735	142
2001	23,725	3,649	137
2002	23,843	3,786	142
2003	23,915	3,791	142
2004	23,965	3,894	145
2005	23,867	3,650	137
2006	23,846	3,699	138
2007	23,677	3,757	142
10-Year Average (1995-2004) Base Daily per Capita Water Use:			141
5-Year Average (2003-2007) Base Daily per Capita Water Use:			141
South Coast Hydrologic Region			180

As determined previously in the City's 2015 UWMP, the City's 10-yr and 5-yr baselines were determined to be both 141 GPCD. Thus, the same SBx7-7 targets apply.

In order to determine the correct compliance target, the City's baseline water use was compared to the regional compliance target in order to determine the applicable reduction amounts per the SBx7-7 additions to the water code. The legal stipulations applicable to the City and the required target to be enforced by DWR are shown in **Table 4.7**.

As indicated, the City can select an SBx7-7 target of 134 GPCD (five percent from its five-year baseline) as this amount is less than 142 GPCD (five percent reduction from the South Coast HR's target). Therefore, SB7: 10608.22 applies to the City. In addition, since the City's 20 percent reduction target (112 GPCD) far exceeds the minimum reduction requirement of 134 GPCD, it is feasible for the City to select 134 GPCD as its 2020 water use target. Therefore, the City's compliance target for 2020 per capita water consumption is 134 GPCD in accordance with SB7: 10608.22.

Table 4.7: City of San Fernando SBx7-7 2020 Water Use Targets

Min. Reduction Requirement (10608.22)	20% Target (10608.20) (b)(1)	5% Reduction from Regional Target (10608.20) (b)(3)
134	112	142
2020 Per Capita Target:		134
Interim (2015) Target:		137

Although the requirements of SBx7-7 seem stringent, it is noteworthy to mention that the City has seen an increase in water efficiency. **Table 4.8** shows the water use efficiency from 2008 to 2020. This is due in part to a greater achievement of conservation measures, saturation of water-saving plumbing fixtures, and overall water conservation awareness. Altogether, the City is not only meeting its SBx7-7 requirements, but also exceeding them.

Table 4.8: City GPCD from 2008 - 2020

Calendar Year	Service Area Population	Gross Water use (AF)	Daily Per Capita Water use (GPCD)
2008	23,677	3,653	138
2009	23,680	3,395	128
2010	23,671	3,121	118
2011	23,686	3,141	118
2012	23,803	3,329	125
2013	24,121	3,406	126
2014	24,232	3,225	119
2015	24,558	2,768	101
2016	24,590	2,766	100
2017	24,566	2,842	103
2018	24,532	2,845	104
2019	24,798	2,725	98
2020	25,207	2,862	101

4.4.5 Water Demand Impacts from COVID-19 Pandemic & 2020 SBx7-7 Compliance

DWR recognizes that extraordinary events may have an impact towards water demands. On March 4, 2020, Governor Newsom proclaimed a state of emergency for the entire state due to the spread of COVID-19. Following Governor Newsom's statement, the County of Los Angeles also declared a state of emergency the same day. On March 11, 2020, the World Health Organization (WHO) declared COVID-19 a global pandemic. As a result, on March 19, 2020, Executive Order N-33-20 ("Safer at Home, Stay at Home" order) and a Public Health Order directed all Californians to stay home with the exception of going to an essential job or to shop for essential needs. This also required most Californians to work remotely from home.

This event resulted in a significant increase to water demands for various water agencies. However, the City observed minimal impacts due to this event as shown in Table 4.8 as water demands remained at slightly above average. In 2020, the water usage was 2,862 AF and the average from 2015 to 2019 was 2,789 AF.

DWR allows water purveyors to make adjustments to their 2020 Gross Water Use in the event of usual events considered as Extraordinary Events, Economic Adjustment, or Weather Normalization; however, according to Section 5.5.1.4 of 2020 UWMP Guidebook, adjustments for COVID-19 are not allowed. This slight impact resulted in no issues for the City to achieve their 2020 targets as shown in **Table 4.9**.

Table 4.9: City's 2020 Compliance (DWR Table 5-2)

2020 GPCD			2020 Confirmed Target GPCD	Did Supplier Achieve Targeted Reduction for 2020?
Actual 2020 GPCD	2020 TOTAL Adjustments	Adjusted 2020 GPCD		
101	0	101	134	YES

4.5 WATER USE REDUCTION PLAN

In order to remain below the SBx7-7 targets, the City will continue to implement the water use efficiency measures described in **Section 7** of this UWMP and continue to participate in water use efficiency programs offered by MWD rebate programs for its retail agencies. Because residential homes are the largest water use sector in the region, the focus of water conservation efforts will continue to be residential rebate programs and public outreach programs. Single family residential homes and some large landscapes are common in the City.

In addition to the SBx7-7 provisions, agencies also sought to manage the provisions of Governor Brown's Executive Order B-29-2015. Governor Brown granted this Executive Order in April 2015 that mandated a statewide 25 percent reduction in water use through February 28, 2016, as compared to the amount used in 2013. This executive order helped to further the goals of SBx7-7. Even after the strict 25 percent reduction was lifted, Californians continued to save water, with cumulative water use savings of about 22 percent between June 2015 and January 2017. As Governor Brown ended the drought state of emergency in most of California in April 2017 with Executive Order B-40-17, state agencies released a long-term plan that advanced measures to better prepare the state for future droughts and make conservation a California way of life.



Figure 4.6: SBx7-7 Seeks to Preserve the Waters of the Bay-Delta

Through financial incentive programs and various public outreach campaigns and events, the City has met its SBx7-7 target as shown previously in **Table 4.9**.

4.5.1 Future MWD Programs

Overview

In 2016, MWD, in collaboration with its member agencies, released the 2015 Update to the Integrated Water Resources Plan (IRP). The inaugural IRP was adopted in 1996, with previous updates in 2004 and 2010. The 2015 Update continues to assess and address how MWD plans to adapt to the changing conditions facing Southern California. The goals of the 2015 IRP include:

- **Maintain Colorado River Aqueduct Supplies:** Develop programs to ensure that a minimum of 900,000 AF is available when needed, with access to 1.2 million acre-feet (MAF) in dry years.
- **Stabilize State Water Project Supplies:** Manage SWP supplies in compliance with regulatory restrictions in the near-term for an average of 980,000 AF of SWP supplies. Pursue a successful outcome in the Delta Conveyance Plan and California EcoRestore efforts for long-term average supplies of about 1.2 MAF.
- **Achieve Additional Conservation Savings:** Pursue further water conservation savings of 485,000 AF annually by 2040 through increased emphasis on outdoor water-use efficiency using incentives, outreach/education and other programs.
- **Develop Additional Local Water Supplies:** Develop 230,000 AF of additional local supplies produced by existing and future projects. The region would reach a target of 2.4 MAF by 2040, a key to providing water supply reliability into the future.
- **Maximize the Effectiveness of Storage & Transfer:** Develop a comprehensive strategy to pursue transfers and exchanges to hedge against shorter-term water demands and supplies imbalances until long-term solutions are in place.
- **Encourage Innovation:** Facilitate innovation in recycled water, desalination, stormwater capture and groundwater cleanup through a growing portfolio of initiatives, technologies and new ideas.

MWD is currently in the process of updating its IRP once again. The 2020 IRP is expected to be completed sometime in 2021.

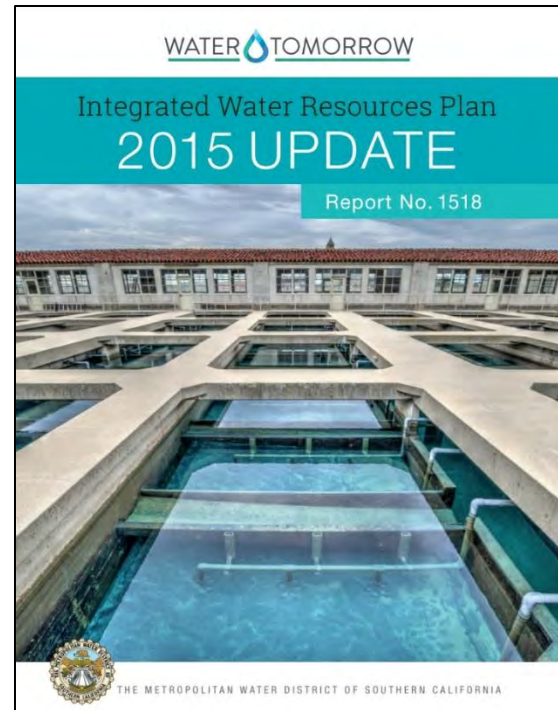


Figure 4.7: MWD's Integrated Water Resources Plan

4.6 PROJECTED WATER DEMAND

Future water use projections must consider significant factors on water demand, such as development and/or redevelopment, and climate patterns, among other less significant factors that affect water demand. Although redevelopment is expected to be an ongoing process, it is not expected to significantly impact water use since the City is already in a near "built-out" condition.

Rainfall and warmer temperatures, however, will continue to extend a major influence on demand as drought conditions and climate change could increase demand at a time when these supplies are limited. Therefore, it is imperative to continue implementing water conservation policies and programs to ensure permanent water savings not just short-term behavior change.

For planning purposes, the City's projected water use for 2025-2045 is broken down by sector, these water demands are included in future water demand projections for single and multi-family homes and listed in **Table 4.10**. Demand projections were determined using 101.3 GPCD, based on the past five-year average and projection population growth. Per capita consumption rates should be expected to remain under 101.3 GPCD and trend further below that rate to continue water conservation efforts to combat climate change. The projections also include low-income households within the City. The residential sector includes low-income housing units as the Housing Element for the City (2013-2021) lists 87 low to very low-income housing units to meet the City's Housing Needs Assessment. These water demands are included in future water demand projections for single family and multi-family homes listed in **Table 4.10** below. **Table 4.11** shows the overall projected demands.

Table 4.10: Projected Water Demand by Sector (AF) (DWR Table 4-2 Retail)


Use Type	Additional Description	Projected Water Use				
		2025	2030	2035	2040	2045
Single Family		1,412	1,436	1,460	1,485	1,511
Multi-Family		442	449	457	465	473
Commercial		352	358	364	370	376
Institutional/Governmental		146	148	151	153	156
Industrial		224	228	232	236	240
Landscape		96	97	99	101	102
Losses	Unaccounted Water	240	244	248	252	257
TOTAL		2,910	2,960	3,011	3,062	3,114

Table 4.11: Total Current & Projected Water Demands for 2020 – 2045 (AF) (DWR Table 4-3 Retail)

	2020	2025	2030	2035	2040	2045
Potable Water, Raw, Other Non-potable	2,862	2,910	2,960	3,011	3,062	3,114
Recycled Water Demand	0	0	0	0	0	0
Optional Deduction of Recycled Water Put Into Long-Term Storage	0	0	0	0	0	0
TOTAL WATER USE	2,862	2,910	2,960	3,011	3,062	3,114



THIS PAGE LEFT BLANK INTENTIONALLY



The rise of anthropogenic activities producing carbon dioxide in the world has changed the earth's climate by emitting greenhouse gasses responsible for global warming. This has resulted in extreme weather events occurring more frequently.

SECTION 5: CLIMATE CHANGE

CITY OF SAN FERNANDO | 2020 URBAN WATER MANAGEMENT PLAN

SECTION 5 CLIMATE CHANGE

5.1 INTRODUCTION

The rise of anthropogenic activities producing carbon dioxide in the world has changed the earth's climate by emitting greenhouse gasses responsible for global warming. This has resulted in extreme weather events occurring more frequently. The severity and frequency of climate change impacts on temperature and precipitation patterns can be difficult to forecast due to dramatic shifts in weather patterns as a result of increased concentrations of carbon dioxide in the atmosphere. While the precise timing, severity, and regional impacts of these temperature and precipitation changes are uncertain, climate researchers have identified several important issues of concern for water planners in California. The climate change impacts of concern are as follows:

Temperature Increases

- More winter precipitation falling as rain rather than snow, leading to reduced snowpack water storage, reduced long term soil humidity, reduced groundwater and downstream flows, and reduced imported water deliveries
- Higher irrigation demands as temperatures alter evapotranspiration rates, and growing seasons become longer
- Exacerbated water quality issues associated with dissolved oxygen levels, increased algal blooms, and increased concentrations of salinity and other constituents
- Impacted habitats for temperature-sensitive fish and other life forms, and increased susceptibility of aquatic habitats to eutrophication

Precipitation Pattern Changes

- Increased flooding (both coastal and inland) caused by more intense storms
- Changes to growth and life cycle patterns caused by shifting weather patterns
- Threats to soil permeability, adding to increased flood threat and decreased water availability
- Reduced water supply caused by the inability to capture precipitation from more intense storms, and a projected progressive reduction in average annual runoff (though some models suggest that there may be some offset from tropical moisture patterns increasingly moving northward)
- Increased turbidity caused by more extreme storm events, leading to increased water treatment needs and impacts to habitat
- Increased wildfires with less frequent, but more intense rainfall, and possibly differently timed rainfall through the year, potentially resulting in vegetation cover changes
- Reduction in hydropower generation potential

Sea Level Rise

- Inundation and erosion of coastal areas (coastal bluffs in particular), including coastal infrastructure
- Saline intrusion of coastal aquifers
- Increased risk of storm surges and coastal flooding and erosion during and after storms
- Changes in near-shore protective biogeography such as loss of sand, tide pools, wetlands, and kelp beds

Although the extent of these changes is uncertain, the City is already planning ahead to ensure long lasting reliability of its source for their customers.

5.2 PROJECT CLIMATE CHANGE IMPACTS TO SUPPLIES

Extensive research has been done on the future impacts due to climate change on the State of California. The state released its latest research on climate, called the California's Fourth Climate Change Assessment (California Assessment), detailing the potential impacts of climate change that affects California such as temperature, sea level rise, droughts, and wildfires. The assessment utilizes historic data and the latest computer models to analyze these potential impacts. Alongside with the California Assessment, released regional assessments as well. The California Assessment for the Los Angeles Region detail the major impacts of climate change in Los Angeles County as well as Ventura, Orange, San Bernardino, and Riverside County. The LA Region report outlines the key projected climate change impacts:

- Continued future warming over the LA region (max temperatures to increase by 4-5°F by mid-century and 5-8°F by late century)
- Extreme temperatures and number of extreme hot days is expected to increase
- Dry and wet extremes expected to increase
- Sea level projected to rise by 1-2 feet by mid-century and 8-10 feet by end of century based on most extreme projections
- Increased likelihood of wildfires throughout southern California

5.2.1 Temperature

The LA Region report of the California Assessment anticipates temperatures to increase throughout southern California. Studies indicated that based on historic records from 1896 – 2015 from the National Oceanic and Atmospheric Administration (NOAA) shows a trend of annual average, maximum, and minimum temperature increase of around 0.16°C per decade. In recent years, the top five warmest years in terms of annual average temperatures have occurred since 2012 where 2014 was the warmest followed by 2015, 2017, 2016, and 2012. Based on computer models (RCP4.5 and RCP8.5), the number of extremely hot days is expected to increase. For instance, historical records at the Los Angeles International Airport experiences nearly 15 days per year of temperatures equal to or greater than 90°F. Models project that the number of days may increase to 50-90 of such days per year by the end of the century.

5.2.2 Precipitation & Stormwater Runoff

Precipitation for the LA region is also impacted by climate change. Based on historical records, precipitation is flexible from year to year and only five storms are typically observed per year making up roughly 50 percent of the annual precipitation total. As a result, precipitation in the LA region shows no typical trend. Based on the LA Region report of the California Assessment, dry and wet extremes are both expected to increase in the future. Based on computer models (RCP8.5), some areas are expected to have increased precipitation by 25-30 percent. Similarly, computer models also project increased periods of extremely dry years by double or more by the end of the century. The extreme dry years can lead to prolonged drought periods, significantly impacting water supplies within the region.

5.3 CLIMATE CHANGE IMPACTS TO CITY'S WATER SUPPLIES

Climate data has been recorded in California since 1858. Since then, California has experienced several periods of severe drought: 1928-34, 1976-77, 1987-91, 2007-09, and most recently in 2012-16. California has also experienced several periods of less severe drought. The year 1977 is considered to be the driest year of record in the Four Rivers Basin by DWR. These rivers flow into the Delta and are the source of water for the SWP. Southern California sustained few adverse impacts from the 1976-77 drought, but the 1987-91 drought created considerably more concern.

The drought of 2007-09 resulted in significant impacts on the state's water supplies. SBx7-7 was signed into law by Governor Schwarzenegger that requires mandatory water conservation up to 20 percent by 2020. The recent drought in 2012-16 brought a significant hit to the state's water supplies. The drought strained reservoir levels all across the state. **Table 5.1** compares the reservoir levels in October 2013 during the drought and in present day (February 2021). As shown, the majority of the state's reservoirs were all below average levels. To this day, California is still in a recovery stage from the recent droughts.

Table 5.1: California Reservoirs Level During Drought (2013) and Current (2021)

Reservoir	Drought Period (Oct. 30, 2013)	Current Levels (Feb. 9, 2021)	Historic Average
Trinity Lake	50%	51%	72%
Lake Shasta	38%	48%	70%
Lake Oroville	43%	36%	54%
New Melones Lake	43%	65%	108%
San Luis Reservoir	21%	54%	67%
Millerton Lake	54%	30%	47%
Perris Lake	45%	93%	114%
Castaic Lake	85%	77%	92%
Pine Flat Reservoir	16%	23%	47%
Lake McClure	25%	38%	77%
Don Pedro Reservoir	50%	68%	98%
Folsom Lake	30%	30%	57%



In January of 2014, Governor Brown declared a state of emergency and directed state officials to take all necessary actions to prepare for water shortages. As the drought prolonged into 2015, to help cope with the drought mitigation, Governor Brown issued an Executive Order in April 2015 that mandated a statewide 25 percent reduction in potable water use from a baseline year of 2013.

In contrast, current groundwater supplies does not show significant impacts caused climate change. ULARA utilizes monitoring wells to monitor groundwater elevations as shown in **Figure 5.1** (yellow). **Figures 5.2** and **5.3** show the well hydrographs within the Sylmar Basin (Wells 9 and 10). Groundwater levels remained relatively constant throughout the recent drought periods and the City continues to solely rely on this source as their supply.

5.4 CLIMATE CHANGE CONSIDERATIONS TO SUPPLY & DEMAND PROJECTIONS

Climate change considerations when projecting supply and demand is crucial to ensure that the reliability on the City's water supply meets the future demands. For demand projections, the recent five-year GPCD average of 101.3 is utilized alongside with a steady annual population growth. Per capita consumption rates should be expected to remain under 101.3 GPCD and trend further below that rate to continue water conservation efforts to combat climate change. Climate change considerations for the City's supply offers challenges as supply availability is dependent on climatological conditions. Currently, the City primarily utilizes local supplies from groundwater. The City utilizes imported supplies as an emergency basis and is always available when needed.

Projections for water supply and demand will be analyzed through normal, single dry, and multiple dry year scenarios. **Section 6: Reliability Planning** outlines the projections under those scenarios for 2021 – 2045. **Section 8: Water Shortage Contingency Plan** discusses the five-year Drought Risk Assessment (DRA) for 2021 – 2025. This DRA analyzes water demands under normal conditions and supply under multiple dry year conditions. These assessments and analysis is necessary to ensure the City supply is reliable under these scenarios.

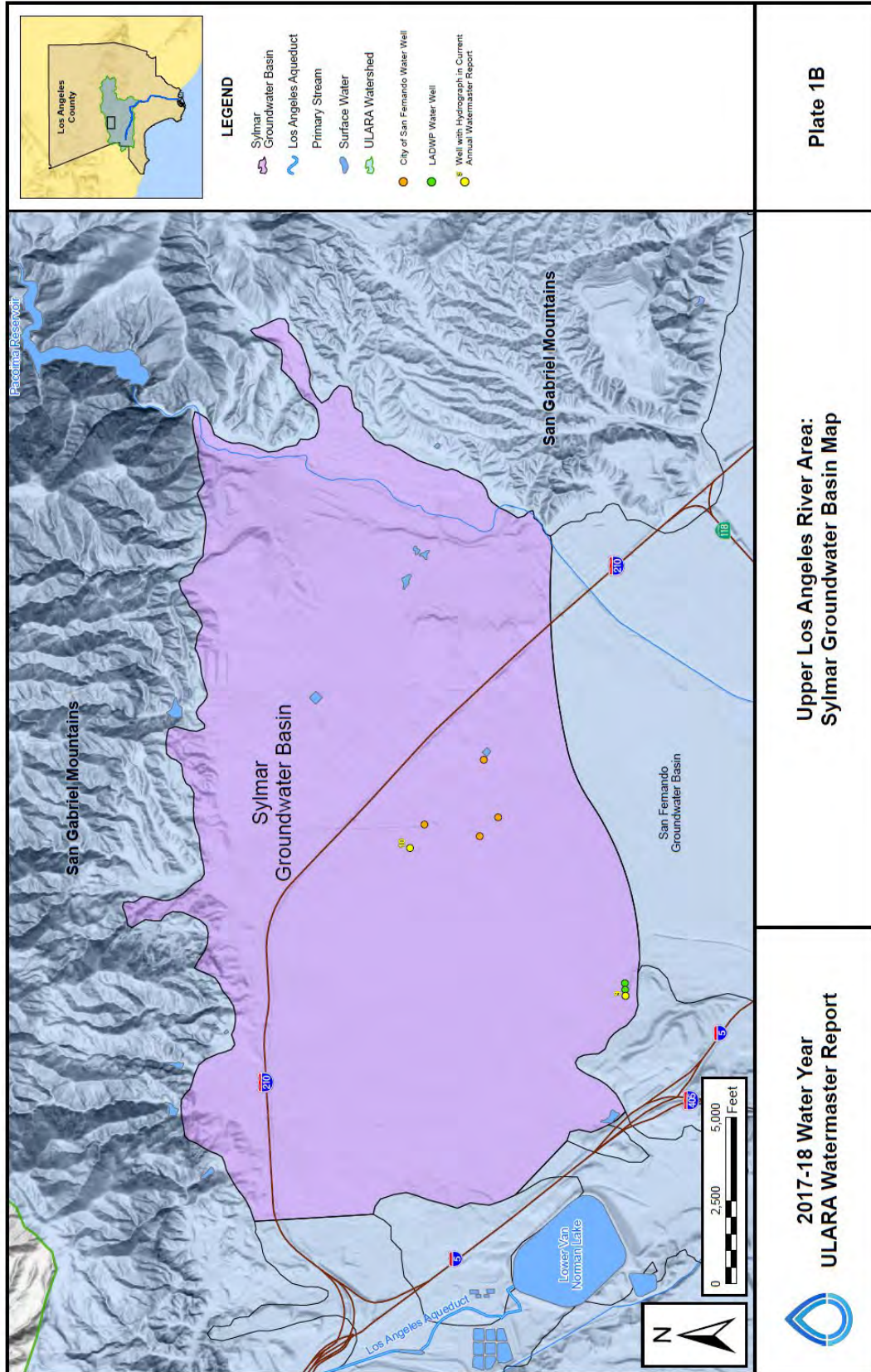


Figure 5.1: Sylmar Basin Well Map

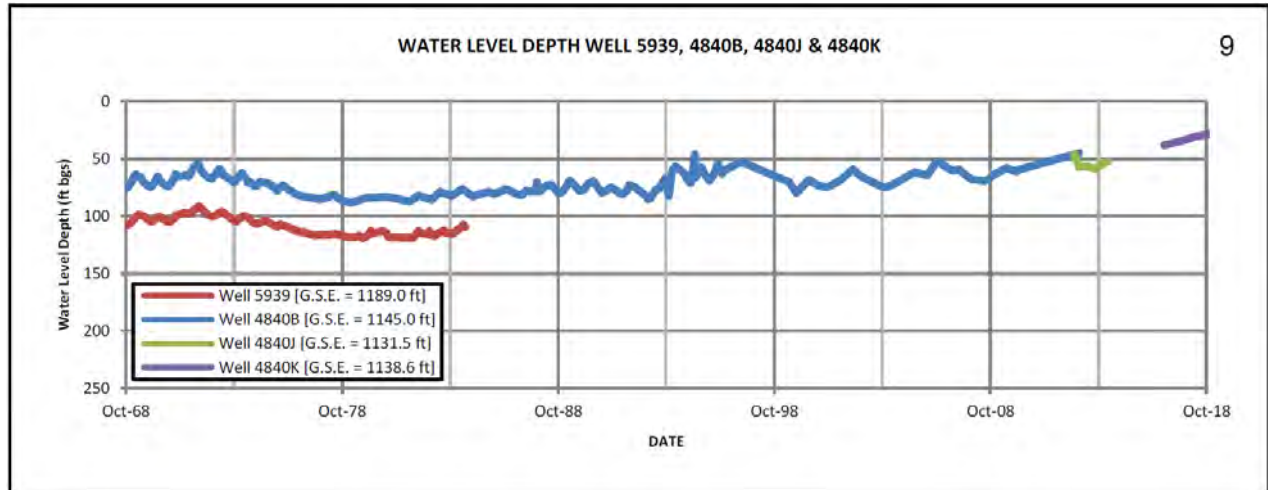


Figure 5.2: ULARA Well #9 Monitoring Well Hydrograph

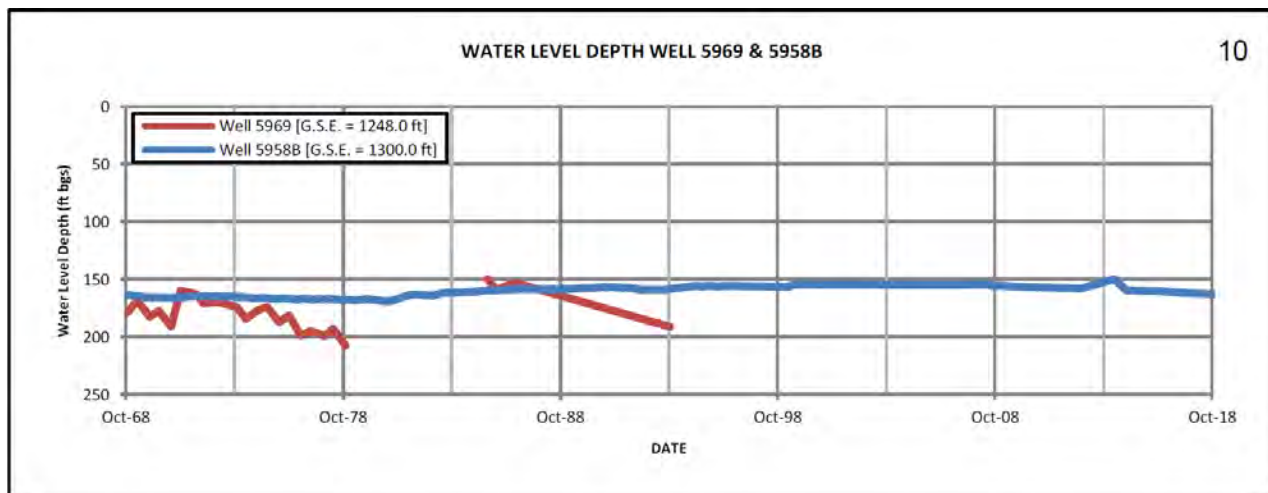



Figure 5.3: ULARA Well #10 Monitoring Well Hydrograph



The recent drought (pictured) has depleted the state's water supplies. The Water Conservation Act of 2009 (SBx7-7) was signed into law by Gov. Schwarzenegger which requires mandatory water conservation up to 20% by 2020. The City has established conservation targets in accordance with this act.

SECTION 6: RELIABILITY PLANNING

CITY OF SAN FERNANDO | 2020 URBAN WATER MANAGEMENT PLAN

SECTION 6 RELIABILITY PLANNING

6.1 INTRODUCTION

Drought conditions continue to be an issue for Southern California's water supply. As the population of Southern California continues to increase and as environmental regulations restrict imported and local water supplies, it is important that each agency manage its water consumption in the face of drought. Even during times of seasonal drought, each agency ought to anticipate a surplus of supply. This can be accomplished through conservation and supply augmentation, and additionally through prohibitions under penalty of law during times of seasonal or catastrophic shortage in accordance with local ordinances.

This section discusses local and regional efforts to ensure a reliable supply of water and compares projected supply to projected demand. Demand and supply projections are provided in **Tables 6.3 to 6.9**.

6.2 HISTORIC DROUGHTS

Climate data has been recorded in California since 1858. Since then, California has experienced several periods of severe drought: 1928-34, 1976-77, 1987-91, 2007-09 and most recently in 2012-16. California has also experienced several periods of less severe drought. According to DWR, water year 2014 is ranked as the third driest year on record in terms of statewide precipitation, with the five-year period of water years 2012-16 ranking as the driest consecutive three-year period on record in terms of statewide precipitation. The year 1977 is considered to be the driest year on record; however, Southern California sustained few adverse impacts from the 1976-77 drought, while the 1987-91 drought created considerably more concern.



Figure 6.1: Lake Oroville during 2012-2016 Drought

As a result of previous droughts, the State legislature has enacted, among other things, the Urban Water Management Planning Act, which requires the preparation of this plan. Subsequent amendments to the Act have been made to ensure the plans are responsive to drought management. In 1991, several water agencies came together to form the California Urban Water Conservation Council (CUWCC) to manage the impacts of drought through the promotion of water

conservation. Eventually, the CUWCC disbanded, and members of the CUWCC worked together to form the California Water Efficiency Partnership (CalWEP).

The drought of 2007-09 resulted in significant impacts on the State's water supplies, and in November 2009, SBx7-7 was signed into law by Governor Schwarzenegger. SBx7-7, also known as the Water Conservation Act of 2009, requires mandatory water conservation up to 20 percent by 2020.

At the local level, water agencies have enacted their own ordinances to deal with the impacts of drought. The City has enacted several water conservation policies as part of the City's municipal code that manage water supply during droughts. Compliance ranges from voluntary to mandatory depending on the drought severity.

6.3 RECENT DROUGHT (2012-2016) AND CURRENT STATE

The recent drought of 2012 – 2016 was one of the most severe and lengthiest droughts in state history. The drought has depleted reservoir levels all across the state, as reflected by **Figure 6.2**. In January of 2014, Governor Brown declared a state of emergency and directed state officials to take all necessary actions to prepare for water shortages. As the drought prolonged into 2016, to help cope with the drought, Governor Brown gave an executive order in April 2015 which mandated a statewide 25 percent reduction in water use.



Figure 6.2: Effects of Recent Drought on California's Reservoirs

In January of 2016, the DWR and the U.S. Bureau of Reclamation have finalized the 2016 Drought Contingency Plan that outlines State Water Project and Central Valley Project operations for February 2016 to November 2016. The plan was developed in coordination with staff from State and federal agencies. One of the key purposes of this plan is to communicate goals for 2016 water management and the potential operations needed to achieve those goals for water resources stakeholders and the public. The plan was updated in 2020 to reflect the recently dry conditions of 2019-2020.

Although the drought has more significantly impacted surface waters and other agencies that use water for agriculture, ALW is still affected by the drought, primarily due to reduced reliability of imported water.

During 2017, the state received an above average amount of rainfall in which significantly aided in the replenishment of the state's water supplies. As a result, in April 2017, Governor Brown ended the drought state of emergency in most of California, however, retains prohibition over water waste practices. This is to ensure the continued efforts for water conservation and to maintain supply reliability for the future.

6.3.1 Current State

As of 2021, the state is experiencing severe to exceptional drought and is in a second consecutive year of dry conditions. Furthermore, on April 21, 2021, Governor Gavin Newsom visited Lake Mendocino and declared drought emergency for Sonoma and Mendocino Counties. An Executive Order was signed, which officially declared a drought emergency for these two counties. The executive order did not enact any mandates, but allows for mandates to follow should the conditions persist.

This declaration signifies a high probability of another prolonged drought in the near future. Although numerous reports indicate improvements in water supplies throughout the state since previous drought, water agencies across the state have plans in place in the event another prolonged drought period occurs.

6.4 REGIONAL SUPPLY RELIABILITY

As a result of continued challenges to its water supplies, MWD understands the importance of reliable water supplies. MWD strives to meet the water needs of Southern California by developing new projects to increase the capacity of its supplies while encouraging its member agencies to develop local supply project to meet the needs of its customers.



Figure 6.3: Diamond Valley Lake, MWD's 800,000 AF Reservoir

Also, MWD is committed to developing and maintaining high-capacity storage reservoirs, such as Diamond Valley Lake, to meet the needs of the region during times of drought and emergency.

MWD operates Diamond Valley Lake, an 800,000 AF reservoir to avoid the repercussions of reduced supplies from the SWP and CRA. In addition, MWD operates several additional storage reservoirs in Riverside, San Bernardino, and San Diego Counties to store water obtained from the SWP and the CRA. Storage reservoirs like these are a key component of MWD's supply capability and are crucial to MWD's ability to meet projected demand without having to implement the Water Supply Allocation Plan (WSAP). This is crucial since the SWP and CRA have become more restricted, which could render the City's supplies more vulnerable to shortage.

6.4.1 Colorado River Aqueduct Reliability

Water supply from the CRA continues to be a critical issue for Southern California as MWD competes with several agricultural water agencies in California for unused water rights to the Colorado River. Although California's allocation has been established at 4.4 MAF per year, MWD's allotment stands at 550,000 AFY with additional amounts increasing MWD's allotment to 842,000 AFY if there is any unused water from the agricultural agencies.

MWD recognizes that competition from other states and other agencies within California has decreased the CRA's supply reliability. In 2003, the Quantification Settlement Agreement (QSA) was signed, which facilitated the transfer of water from agricultural agencies to urban uses. This historic agreement provides California the means to implement transfers and supply programs that will allow California to live within the State's 4.4 MAF basic annual apportionment of Colorado River water.

6.4.2 State Water Project Reliability

The reliability of the SWP impacts MWD's member agencies' ability to plan for future growth and supply. In August 2020, SWP released the 2019 Delivery Capability Report, providing information on the reliability of the SWP to deliver water to its contractors assuming historical precipitation patterns.

On an annual basis, each of the 29 SWP contractors, including MWD, request an amount of SWP water based on their anticipated yearly demand. In most cases, MWD's requested supply is equivalent to its full Table A Amount. After receiving the requests, DWR assesses the amount of water supply available based on precipitation, snow pack on northern California watersheds, volume of water in storage, projected carry over storage, and Sacramento-San Joaquin Bay Delta regulatory requirements. For example, the SWP annual delivery of water to contractors has ranged from 1.4 MAF in dry years to almost 4.0 MAF in wet years. Due to the uncertainty in water supply, contractors are not typically guaranteed their full Table A Amount, but instead a percentage of that amount based on the available supply.

Each December, DWR provides the contractors with their first estimate of allocation for the following year. As conditions develop throughout the year, DWR revises the allocations. Currently, the total contractor requested allocation for Table A water is 4.2 MAF. MWD initially requested 1.9 MAF, which is 45 percent of the total contractors' requests for Table A water. Due to the variability in supply for any given year, it is important to understand the reliability of the SWP to supply a specific amount of water each year to the contractors.

With the state undergoing a second consecutive dry year, DWR has already taken the steps to prolong the SWP supplies. On March 2021, DWR decreased the allocation of 2021 SWP deliveries for the contractors from 422,848 AF to 210,266 AF. Based on the recent low amount of precipitation and runoff, and an assessment of overall water supply conditions, SWP supplies are projected to be 5 percent of most SWP contractor's 2021 requested Table A Amounts. This reduction decreased MWD's initial request from 1,911,500 AF to 95,575 AF, and SGVMWD's initial request of 28,800 AF to 1,440 AF.

6.4.3 Current Reservoir Levels

Statewide, storage reservoir levels rise and fall due to seasonal climate changes, which induce increase in demand. During periods of drought, reservoir levels can drop significantly and can limit the amount of supplies available. As a result, both DWR and MWD monitor their reservoir levels regularly. In 2016, conditions of several key reservoirs indicated drought conditions. Currently, several reservoir levels are below historical average levels as indicated by **Figures 6.4** and **6.5** on the following pages.

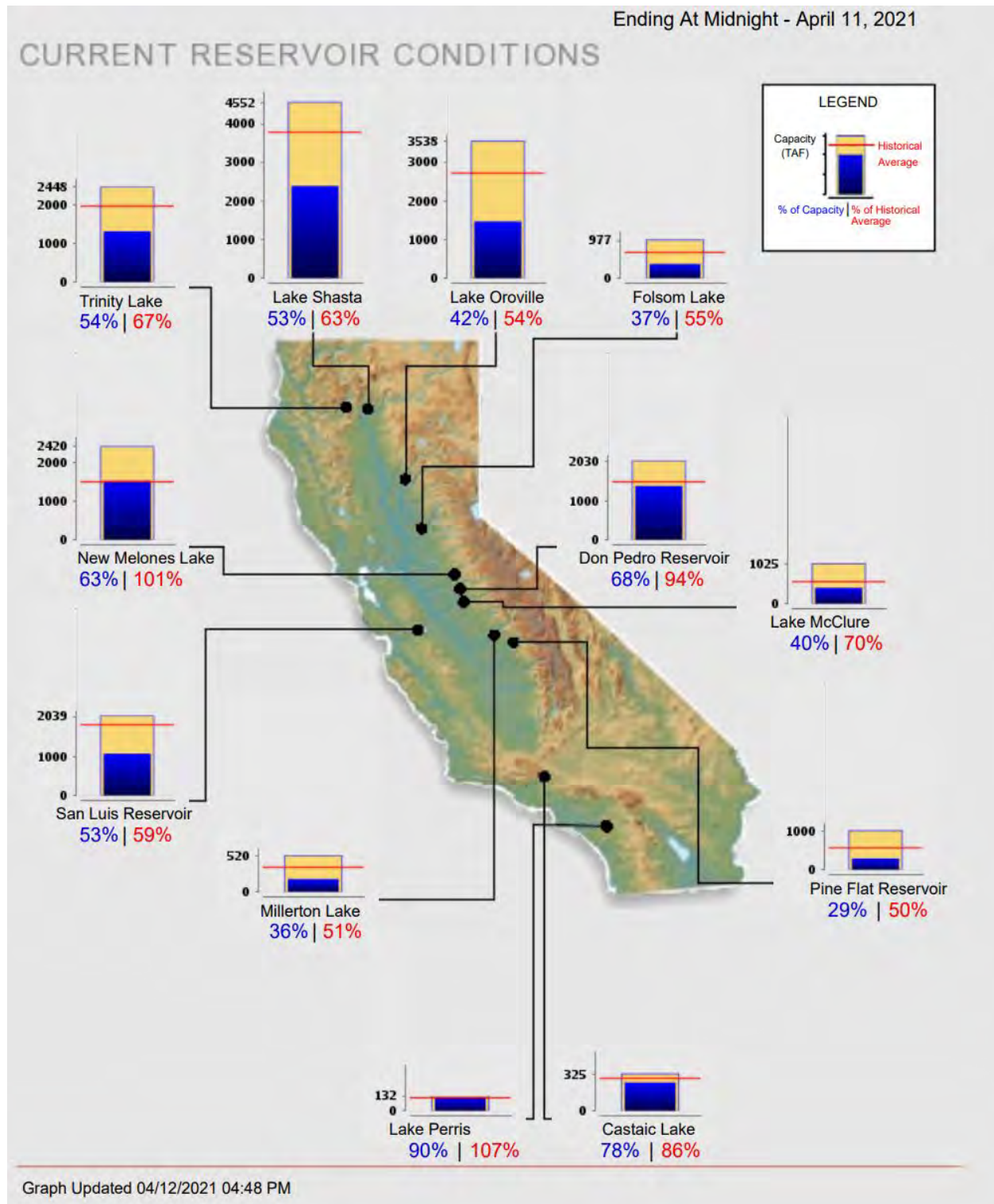


Figure 6.4: California State Reservoir Levels

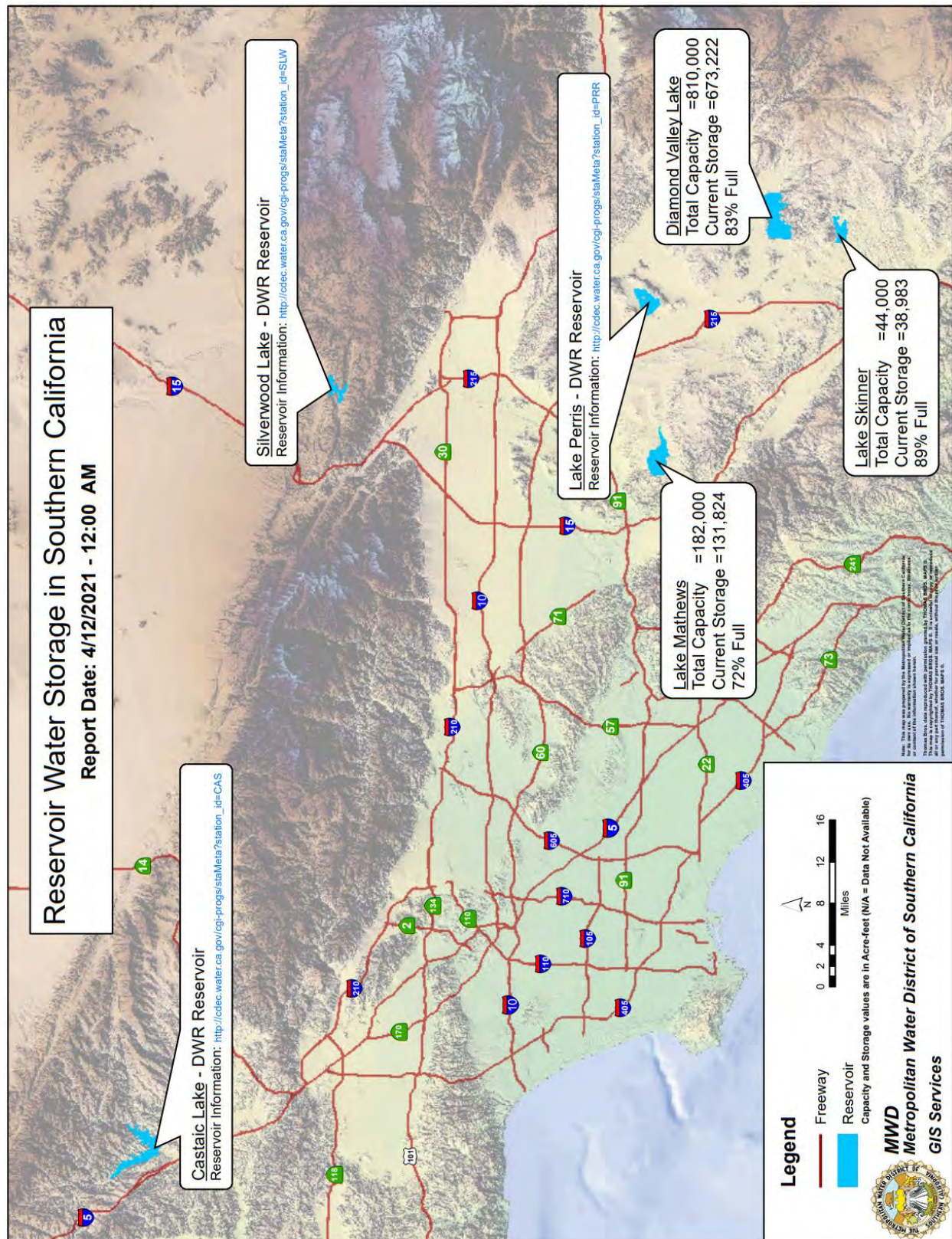


Figure 6.5: MWD Reservoir Levels

6.5 SUPPLY VS. DEMAND

As the City obtains its water sources from local groundwater and imported water the City's water supply reliability is based on the capacity and vulnerability of its infrastructure in addition to the seasonal demand changes brought about by periods of drought. MWD's reliability of supply has direct impact on the City. Population growth will also continue to be a factor in future reliability projections. Since the City is pursuing 100 percent local groundwater sustainability, having continued access to imported water increases the City's supply reliability.

6.5.1 Regional Supply Reliability

Southern California is expected to experience an increase in regional demands in the years 2025 through 2045 as a result of population growth. Although increases in demand are expected, they are limited due to the requirements of SBx7-7, which provides a cap on water consumption rates (i.e., per capita water use). It can be reasonably expected that the majority of agencies have met or were near their compliance targets by 2020 and thereafter as conservation measures are more effectively enforced.



Figure 6.6: Lake Matthews, MWD Reservoir Storage

Tables 2.8 to 2.10 of MWD's 2020 UWMP shows supply reliability projections for average and single dry years through the year 2045. The data in these tables is important to effectively project and analyze supply and demand over the next 25 years for many regional agencies. It is noteworthy that Projected Supplies During a Single Dry Year and Multiple Dry Years indicates MWD's projected supply will exceed its projected single dry year and multiple dry year demands in all years. Likewise, for average years, MWD supply exceeds projected demands for all years. The data contained in these tables has an indirect effect on the City's imported supply capacity, and thus this data will also be used to develop the City's projected supply and demand over the next 25 years.

6.5.2 City Supply Reliability

To project future supply and demand comparisons, it will be assumed that demand will increase annually based on population growth and a constant of 101.3 GPCD in accordance with SBx7-7 requirements. During times of drought, however, demand will increase at a time when supply will decrease. **Table 6.1** outlines the various base years and demand increases to project during single and multiple dry drought periods.

Table 6.1: City's Demand during
Single & Multiple Dry Years

		Base Year	Percent Increases
Single Dry Year		2013-2015	111%
Multiple Dry Years	Year 1	2011	116%
	Year 2	2012	122%
	Year 3	2013	123%
	Year 4	2014	115%
	Year 5	2015	95%

Tables 6.2 to 6.10, shown on the following pages, provide an analysis of MWD and City supply and demand projections.

**Table 6.2: MWD Regional Imported Water Supply Reliability Projections
Average and Single Dry Years (AF) for 2025 to 2045**

	Row	Region Wide Projections	2025	2030	2035	2040	2045
Supply	A	Projected Supply: Average Year	3,932,000	3,962,000	3,960,000	3,598,000	3,622,000
	B	Projected Supply: Dry Year	2,727,000	2,791,000	2,789,000	2,551,000	2,572,000
	C = B/A	Projected Dry Yr. / Avg. Yr. Supply (%)	69.4%	70.3%	70.4%	70.9%	71.0%
Demand	D	Projected Average Year Demand	1,274,000	1,256,000	1,273,000	1,294,000	1,319,000
	E	Projected Dry Year Demand	1,402,000	1,387,000	1,408,000	1,431,000	1,457,000
	F=E/D	Projected Dry Year / Avg. Year (%)	110.0%	110.4%	110.6%	110.6%	110.5%
Surplus	G = A-D	Projected Surplus: Average Year	2,658,000	2,706,000	2,687,000	2,304,000	2,303,000
	H = B-E	Projected Surplus: Dry Year	1,325,000	1,404,000	1,381,000	1,120,000	1,115,000
Programs Under Dev.	I	Projected Capability of Programs (Average Year)	47,000	113,000	13,000	372,000	347,000
	J	Projected Capability of Programs (Dry Year)	0	0	0	0	0
Potential Surplus	K=A+I-D	Projected Surplus: Average Year	2,705,000	2,819,000	2,700,000	2,676,000	2,650,000
	L=B+J-E	Projected Surplus: Dry Year	1,325,000	1,404,000	1,381,000	1,120,000	1,115,000
Comparison	I = A/D	Projected Avg. Yr. Supply/Demand (%)	308.6%	315.4%	311.1%	278.1%	274.6%
	J = A/E	Projected Dry Yr. Supply/Demand (%)	280.5%	285.7%	281.3%	251.4%	248.6%

Table 6.3: MWD Regional Imported Water Supply Reliability Projections
Average and Multiple Dry Years (AF) 2025 to 2045

	Row	Region Wide Projections	2025	2030	2035	2040	2045
Supply	A	Projected Supply: Average Year	3,932,000	3,962,000	3,960,000	3,598,000	3,622,000
	B	Projected Supply: Multiple Dry Year	2,198,000	2,210,000	2,209,000	1,973,000	1,995,000
	C = B/A	Projected Dry Yr. / Avg. Yr. Supply (%)	55.9%	55.8%	55.8%	54.8%	55.1%
Demand	D	Projected Average Year Demand	1,274,000	1,256,000	1,273,000	1,294,000	1,319,000
	E	Projected Dry Year Demand	1,412,000	1,414,000	1,435,000	1,457,000	1,484,000
	F=E/D	Projected Dry Year / Avg. Year (%)	110.8%	112.6%	112.7%	112.6%	112.5%
Surplus	G = A-D	Projected Surplus: Average Year	2,658,000	2,706,000	2,687,000	2,304,000	2,303,000
	H = B-E	Projected Surplus: Multiple Dry Year	786,000	796,000	774,000	516,000	511,000
Programs Under Dev.	I	Projected Capability of Programs (Average Year)	47,000	113,000	13,000	372,000	347,000
	J	Projected Capability of Programs (Multiple Dry Year)	10,000	0	0	235,000	213,000
Potential Surplus	K=A+I-D	Projected Surplus: Average Year	2,705,000	2,819,000	2,700,000	2,676,000	2,650,000
	L=B+J-E	Projected Surplus: Multiple Dry Year	796,000	796,000	774,000	751,000	724,000
Comparison	I = A/D	Projected Avg. Yr. Supply/Demand (%)	308.6%	315.4%	311.1%	278.1%	274.6%
	J = A/E	Projected Dry Yr. Supply/Demand (%)	278.5%	280.2%	276.0%	246.9%	244.1%

Table 6.4: City of San Fernando's Water Supply Availability & Demand Projections - Normal Water Year (AF)

		2025	2030	2035	2040	2045
Water Service Area Population		25,637	26,075	26,521	26,974	27,434
Supply	Imported Water	629	629	629	629	629
	Groundwater	3,570	3,570	3,570	3,570	3,570
	Total Supply	4,199	4,199	4,199	4,199	4,199
Demand	Total Normal Demand	2,910	2,960	3,011	3,062	3,114
	% of 2015-2020 Avg. Demand (3,843)	104%	105%	107%	109%	111%
Supply/Demand Comparison	Supply/ Demand Difference	1,289	1,239	1,188	1,137	1,085
	Supply/Demand (%)	144%	142%	139%	137%	135%

Table is intended only to show City has the capacity to meet demand for all years per the following*:

1. Total Demand based on 101.3 GPCD multiplied by population projections shown above.
2. Imported Water Supply based on maximum tier 1 limit with MWD.
3. Groundwater Supplies based on the City's adjudicated groundwater basin pumping right of 3,570 AFY.

**This Table is not intended to be a projection of City's actual groundwater production. City may pump amounts different (above or below) from its adjudicated right of 3,570 AFY based on leases to or from other agencies.*

**This Table is not intended to be a projection of City's actual demand. Demand of 101.3 GPCD was used based on the past 5-year average GPCD.*

**Table 6.5: City of San Fernando's Water Supply Availability
& Demand Projections - Single Dry Year (AF)**

		2025	2030	2035	2040	2045
Water Service Area Population		25,637	26,075	26,521	26,974	27,434
Supply	Imported Water	0	0	0	0	0
	Groundwater	3,570	3,570	3,570	3,570	3,570
	Total Supply	3,570	3,570	3,570	3,570	3,570
	Normal Year Supply	4,199	4,199	4,199	4,199	4,199
	% of Normal Year	85%	85%	85%	85%	85%
Demand	Total Dry Demand	3,273	3,329	3,386	3,444	3,503
	Normal Year Demand	2,910	2,960	3,011	3,062	3,114
	% of Normal Year	112%	112%	112%	112%	112%
Supply/Demand Comparison	Supply/Demand Difference	297	241	184	126	67
	Supply/Demand (%)	109%	107%	105%	104%	102%

Table is intended only to show City will be able to meet demand for all years per the following*:

1. Total Demand based on 101.3 GPCD multiplied by population projections shown above and by single dry year increase of 112%.
2. All other items derived in similitude to Table 6.4.

*See notes below Table 6.4 for explanation of groundwater supply / overall demand.

**Table 6.6: City of San Fernando's Water Supply Availability & Demand
Projections - Multiple Dry Years (2021 – 2025) (AF)**

		2021	2022	2023	2024	2025
Water Service Area Population		25,293	25,378	25,464	25,551	25,637
Supply	Imported Water	0	0	0	0	0
	Groundwater	3,570	3,570	3,570	3,570	3,570
	Total Supply	3,570	3,570	3,570	3,570	3,570
	Normal Year Supply	4,199	4,199	4,199	4,199	4,199
	% of Normal Year	85%	85%	85%	85%	85%
Demand	Total Dry Demand	3,238	3,443	3,535	3,358	2,892
	Normal Year Demand	2,871	2,881	2,891	2,900	2,910
	% of Normal Year	113%	120%	122%	116%	99%
Supply/Demand Comparison	Supply/Demand Difference	332	127	35	212	678
	Supply/Demand (%)	110.3%	103.7%	101.0%	106.3%	123.4%

Table is intended only to show City will be able to meet demand for all years per the following*:

1. Total Demand based on 101.3 GPCD multiplied by population projections shown above and by multiple dry year increases of 113%, 120%, 122%, 116%, and 99%.

2. All other items derived in similitude to Table 6.4.

*See notes below Table 6.4 for explanation of groundwater supply / overall demand.

**Table 6.7: City of San Fernando's Water Supply Availability & Demand
Projections - Multiple Dry Years (2026 – 2030) (AF)**

		2026	2027	2028	2029	2030
Water Service Area Population		25,724	25,812	25,899	25,987	26,075
Supply	Imported Water	0	0	0	0	0
	Groundwater	3,570	3,570	3,570	3,570	3,570
	Total Supply	3,570	3,570	3,570	3,570	3,570
	Normal Year Supply	4,199	4,199	4,199	4,199	4,199
	% of Normal Year	85%	85%	85%	85%	85%
Demand	Total Dry Demand	3,293	3,502	3,595	3,416	2,942
	Normal Year Demand	2,920	2,930	2,940	2,950	2,960
	% of Normal Year	113%	120%	122%	116%	99%
Supply/Demand Comparison	Supply/Demand Difference	277	68	-25	154	628
	Supply/Demand (%)	108%	102%	99%	105%	121%

Table is intended only to show City will be able to meet demand for all years per the following*:

1. Total Demand based on 101.3 GPCD multiplied by population projections shown above and by multiple dry year increases of 113%, 120%, 122%, 116%, and 99%.

2. All other items derived in similitude to Table 6.4.

*See notes below Table 6.4 for explanation of groundwater supply / overall demand.

**Table 6.8: City of San Fernando's Water Supply Availability & Demand
Projections - Multiple Dry Years (2031 – 2035) (AF)**

		2031	2032	2033	2034	2035
Water Service Area Population		26,164	26,253	26,342	26,431	26,521
Supply	Imported Water	0	0	0	0	0
	Groundwater	3,570	3,570	3,570	3,570	3,570
	Total Supply	3,570	3,570	3,570	3,570	3,570
	Normal Year Supply	4,199	4,199	4,199	4,199	4,199
	% of Normal Year	85%	85%	85%	85%	85%
Demand	Total Dry Demand	3,349	3,562	3,656	3,474	2,992
	Normal Year Demand	2,970	2,980	2,990	3,000	3,011
	% of Normal Year	113%	120%	122%	116%	99%
Supply/Demand Comparison	Supply/Demand Difference	221	8	-86	96	578
	Supply/Demand (%)	107%	100%	98%	103%	119%

Table is intended only to show City will be able to meet demand for all years per the following*:

1. Total Demand based on 101.3 GPCD multiplied by population projections shown above and by multiple dry year increases of 113%, 120%, 122%, 116%, and 99%.

2. All other items derived in similitude to Table 6.4.

*See notes below Table 6.4 for explanation of groundwater supply / overall demand.

**Table 6.9: City of San Fernando's Water Supply Availability & Demand
Projections - Multiple Dry Years (2036 – 2040) (AF)**

		2036	2037	2038	2039	2040
Water Service Area Population		26,611	26,701	26,792	26,882	26,974
Supply	Imported Water	0	0	0	0	0
	Groundwater	3,570	3,570	3,570	3,570	3,570
	Total Supply	3,570	3,570	3,570	3,570	3,570
	Normal Year Supply	4,199	4,199	4,199	4,199	4,199
	% of Normal Year	85%	85%	85%	85%	85%
Demand	Total Dry Demand	3,406	3,623	3,719	3,533	3,043
	Normal Year Demand	3,021	3,031	3,041	3,052	3,062
	% of Normal Year	113%	120%	122%	116%	99%
Supply/Demand Comparison	Supply/Demand Difference	164	-53	-149	37	527
	Supply/Demand (%)	105%	99%	96%	101%	117%

Table is intended only to show City will be able to meet demand for all years per the following*:

1. Total Demand based on 101.3 GPCD multiplied by population projections shown above and by multiple dry year increases of 113%, 120%, 122%, 116%, and 99%.

2. All other items derived in similitude to Table 6.4.

*See notes below Table 6.4 for explanation of groundwater supply / overall demand.

Table 6.10: City of Fernando's Water Supply Availability & Demand Projections - Multiple Dry Years (2041 – 2045) (AF)

		2041	2042	2043	2044	2045
Water Service Area Population		27,065	27,157	27,249	27,342	27,434
Supply	Imported Water	0	0	0	0	0
	Groundwater	3,570	3,570	3,570	3,570	3,570
	Total Supply	3,570	3,570	3,570	3,570	3,570
	Normal Year Supply	4,199	4,199	4,199	4,199	4,199
	% of Normal Year	85%	85%	85%	85%	85%
Demand	Total Dry Demand	3,465	3,684	3,782	3,594	3,095
	Normal Year Demand	3,072	3,083	3,093	3,104	3,114
	% of Normal Year	113%	120%	122%	116%	99%
Supply/Demand Comparison	Supply/Demand Difference	105	-114	-212	-24	475
	Supply/Demand (%)	103%	97%	94%	99%	115%

Table is intended only to show City will be able to meet demand for all years per the following*:

1. Total Demand based on 101.3 GPCD multiplied by population projections shown above and by multiple dry year increases of 113%, 120%, 122%, 116%, and 99%.

2. All other items derived in similitude to Table 6.4.

*See notes below Table 6.4 for explanation of groundwater supply / overall demand.

Based on the data contained in **Tables 6.4 to 6.10**, the City can expect to meet future demands through 2045 for all climatologic classifications. Projected groundwater supply capacities are not expected to be significantly affected during times of low rainfall and over short-term dry periods of up to three years; however, during prolonged periods of drought, the City's imported water supply capacities may potentially be reduced significantly due to reductions in MWD's storage reservoirs resulting from increases in regional demand.

For years where there is a shortfall in groundwater supplies, the City may supplement by using imported water from MWD. The City may also consider a groundwater lease agreement with the City of Los Angeles to lease additional ground water pumping rights in times of supply shortage.

6.6 VULNERABILITY OF SUPPLY

Due to the semi-arid nature of the City's climate and as a result of past drought conditions, the City is vulnerable to water shortages due to its climatic environment and seasonally hot summer months. While the data shown in **Tables 6.4 through 6.10** identifies water availability during single and multiple dry year scenarios, response to a future drought would follow the water use efficiency mandates of the City's Water Conservation Plan (Ordinance No. 1638, see **Appendix G**) along with implementation of the appropriate stage of regional plans, such as the WSDM Plan (MWD). These programs are discussed in **Section 8**.

6.7 WATER SUPPLY OPPORTUNITIES

6.7.1 City Projects

The City continually reviews practices that will provide its customers with adequate and reliable supplies. Recently, the City completed construction of an ion exchange treatment plant for Well No. 7A to treat for the high nitrate levels found in the well. A similar treatment plant for Well No. 3 is in the planning stages, with construction expected to begin sometime after the completion of Well No. 7A's plant. In addition, a 1 MG round reservoir next to Reservoir #3A will be replaced with a 1.1 MG square reservoir and will be named Reservoir #4.

In general, the City is always looking into possibilities for upgrades to its distribution infrastructure in order to ensure a reliable supply and to prevent system losses.

6.7.2 Regional Projects (MWD)

MWD is implementing water supply alternative strategies for the region and on behalf of member agencies to ensure available water in the future. Some of these strategies include:

- Conservation
- Water recycling & groundwater recovery
- Storage/groundwater management programs within the region
- Storage programs related to SWP and CRA
- Other water supply management programs outside of the region

MWD has made investments in conservation and supply augmentation as part of its long-term water management strategy. MWD's approach to a long-term water management strategy was to develop an IRP to include many supply sources. A brief description of the various programs implemented by MWD to improve reliability is included in **Table 6.11** on the following page.

Table 6.11: MWD IRP Regional Resources Status

Supply	Description	
Colorado River Aqueduct (CRA)	MWD holds a basic apportionment of Colorado River water and has priority for an additional amount depending on availability of surplus supplies. Water management programs supplement these apportionments.	
State Water Project (SWP)	MWD receives water delivered under State Water Contract provisions, including Table A contract supplies, use of carryover storage in San Luis Reservoir, and Article 21 interruptible supplies.	
Conservation	MWD and the member agencies sponsor numerous conservation programs in the region that involve research and development, incentives, and consumer behavior modification.	
	<i>Code-Based Conservation</i>	Water savings resulting from plumbing codes and other institutionalized water efficiency measures.
	<i>Active Conservation</i>	Water saved as a direct result of programs and practices directly funded by a water utility, e.g., measures outlined by the CUWCC BMPs. Water savings from active conservation completed through 2008 will decline to zero as the lifetime of those devices is reached. This will be offset by an increase in water savings for those devices that are mandated by law, plumbing codes or other efficiency standards.
	<i>Price Effect Conservation</i>	Reductions in customer use attributable to changes in the real (inflation adjusted) cost of water.
Local Resources	<i>Groundwater</i>	Member-agency produced groundwater from the groundwater basins within the service area.
	<i>Groundwater Recovery</i>	Locally developed and operated, groundwater recovery projects treat contaminated groundwater to meet potable use standards. MWD offers financial incentives to local and member agencies through its Local Resources Program for recycled water and groundwater recovery. Details of the local resources programs are provided in Appendix 5.
	<i>Los Angeles Aqueduct (LAA)</i>	A major source of imported water is conveyed from the Owens Valley via the LAA by Los Angeles Department of Water and Power (LADWP). Although LADWP imports water from outside of MWD's service area, MWD classifies water provided by the LAA as a local resource because it is developed and controlled by a local agency.
	<i>Recycling</i>	Recycled water projects recycle wastewater for M&I use.
	<i>Surface Water</i>	Surface water used by member agencies comes from stream diversions and rainwater captured in reservoirs.
Groundwater Conjunctive Use Storage Programs	MWD sponsors various groundwater storage programs, including, cyclic storage programs, long-term replenishment storage programs, and contractual conjunctive use programs. Details of the groundwater storage programs are provided in Appendix 4.	
Surface Water Storage	MWD reservoirs (Diamond Valley Lake, Lake Mathews, Lake Skinner) and flexible storage in DWR reservoirs (Castaic Lake, Lake Perris). Details of the surface storage reservoirs are provided in Appendix 4.	
Central Valley Storage & Transfers	Central Valley storage programs consist of partnerships with Central Valley water districts to allow MWD to store SWP supplies in wetter years for return in drier years. MWD's Central Valley transfer programs consist of partnerships with Central Valley Project and SWP settlement contractors to allow MWD to purchase water in drier years. Details of the Central Valley Storage and Transfer programs are provided in Appendix 3.	

6.8 REDUCED DELTA RELIANCE REPORTING

6.8.1 Introduction

An urban water supplier that anticipates participating in or receiving water supply benefits from a proposed project (“covered action”) such as a multi-year water transfer, conveyance facility, or new diversion that involves transferring water through, exporting water from, or using water in the Delta, should provide information in their 2015 and 2020 UWMPs that can then be used in the covered action process to demonstrate consistency with Delta Plan Policy WR P1, Reduce Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit. 23, § 5003). A “covered action” is an activity that may cause either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, directly undertaken by any public agency that will occur, in whole or in part, within the boundaries of the Delta or Suisun Marsh.



Figure 6.7: Delta Plan Aims to Protect Bay-Delta’s Fragile Ecosystem

6.8.2 Infeasibility of Accounting Supplies from the Delta Watershed for MWD’s Member Agencies and Their Customers

MWD’s service area, as a whole, reduces reliance on the Delta through investments in non-Delta water supplies, local water supplies, and regional and local demand management measures. MWD’s member agencies coordinate reliance on the Delta through their membership in MWD, a regional cooperative providing wholesale water service to its 26 member agencies. Accordingly, regional reliance on the Delta can only be measured regionally, not by individual MWD member agencies and not by the customers of those member agencies.

MWD’s member agencies, and those agencies’ customers, indirectly reduce reliance on the Delta through their collective efforts as a cooperative. MWD’s member agencies do not control the amount of Delta water they receive from MWD. MWD manages a statewide integrated conveyance system consisting of its participation in the SWP, its CRA including Colorado River water resources, programs and water exchanges, and its regional storage portfolio. Along with the SWP, CRA, storage programs, and MWD’s conveyance and distribution facilities, demand management programs increase the future reliability of water resources for the region. In addition, demand management programs provide system-wide benefits by decreasing the demand for imported water, which helps to decrease the burden on the MWD’s infrastructure and reduce system costs, and free up conveyance capacity to the benefit of all member agencies.


MWD’s costs are funded almost entirely from its service area, with the exception of grants and other assistance from government programs. Most of MWD’s revenues are collected directly from its member agencies. Properties within MWD’s service area pay a property tax that currently provides approximately 8 percent of the fiscal year 2021 annual budgeted revenues. The rest of



MWD's costs are funded through rates and charges paid by MWD's member agencies for the wholesale services it provides to them. Thus, MWD's member agencies fund nearly all operations MWD undertakes to reduce reliance on the Delta, including Colorado River Programs, storage facilities, Local Resources Programs and Conservation Programs within MWD's service area.

Because of the integrated nature of MWD's systems and operations, and the collective nature of MWD's regional efforts, it is infeasible to quantify each of MWD member agencies' individual reliance on the Delta. It is infeasible to attempt to segregate an entity and a system that were designed to work as an integrated regional cooperative.

In addition to the member agencies funding MWD's regional efforts, they also invest in their own local programs to reduce their reliance on any imported water. Moreover, the customers of those member agencies may also invest in their own local programs to reduce water demand. However, to the extent those efforts result in reduction of demands on MWD, that reduction does not equate to a like reduction of reliance on the Delta. Demands on MWD are not commensurate with demands on the Delta because most of MWD member agencies receive blended resources from MWD as determined by MWD, not the individual member agency. For most member agencies, the blend varies from month-to-month and year-to-year due to hydrology, operational constraints, use of storage, and other factors.



The City of San Fernando has continued to work with MWD to implement all Demand Management Measures to the extent possible.

SECTION 7: DEMAND MANAGEMENT

CITY OF SAN FERNANDO | 2020 URBAN WATER MANAGEMENT PLAN

SECTION 7 DEMAND MANAGEMENT

7.1 INTRODUCTION

As a result of diminished existing supplies and difficulty in developing new supplies, water conservation is important to Southern California’s sustainability. Therefore, the City acknowledges that efficient water use is the foundation of its current and future water planning and operations policies. The City implements water conservation through a combination of programs, resources, and policies.



Figure 7.1: Water Waste Is Prohibited by City Code

In March 2018, the CUWCC disbanded, and members of the CUWCC worked together to form the CalWEP. CalWEP’s mission is to maximize urban water efficiency and conservation throughout California by supporting and integrating innovative technologies and practices; encouraging effective public policies; advancing research, training, and public education; and building collaborative approaches and partnerships. The CUWCC (now CalWEP) drafted the Memorandum of Understanding Regarding Urban Water Conservation (MOU) in 1991. At that time, the MOU established 14 Best Management Practices (BMPs) which define policies, programs, practices, rules, regulations, or ordinances that result in the more efficient use or conservation of water. Eventually the original 14 BMPs were diminished to 5 BMPs as shown in **Section 7.1.1**.

This section of the UWMP satisfies the requirements of § 10631 (f) & (j) of the CWC and describes how the City implements each applicable BMP and how the City evaluates the effectiveness of the BMPs. This section also provides an estimate of existing conservation savings where information is available.

7.1.1 CalWEP BMPs

The updated CalWEP BMPs from 2015 will still be in effect for the 2020 UWMP. The BMPs are:

- **BMP 1:** *Utility Operations*
- **BMP 2:** *Public Education & Outreach*
- **BMP 3:** *Residential Programs*
- **BMP 4:** *Commercial, Institutional, Industrial Programs*
- **BMP 5:** *Landscape Programs*

7.2 CONSERVATION MEASURES

As signatory to the CalWEP MOU, the City has committed to use good-faith efforts to implement all applicable BMPs. In addition, the City has continued to work with MWD to increase the effectiveness of its DMM programs and educate people on the importance of water conservation.

Overall, the City's conservation efforts as a member of CalWEP have led to efficient water use. To this end, the City established a Water Conservation Program, which was adopted by the City Council in October 2014 as Ordinance No. 1638 (**Appendix G**), originally derived from the Code of 1957. To this day, the City is continuously working with MWD towards implementing the BMPs through means of various conservation measures.

Table 7.1 on the following page provides a status overview of the City's Conservation Measures. It also includes the list of DMMs

Table 7.1: List of Current BMPs (for CUWCC Members) Relative to Current and Previous DMMs

BMP	Description
BMP 1: Utility Operations	<i>Deals with water waste prohibitions, water efficiency ordinances, metering, conservation pricing, and other items related to managing water use.</i>
BMP 2: Public Education & Outreach	<i>Deals with outreach efforts including emails, newsletters, advertisements, presentations, promotions, etc. related to outreach & education.</i>
BMP 3: Residential Programs	<i>Deals with showerheads, faucets, toilets, turf removal, and leak detection surveys related to residential water use.</i>
BMP 4: Commercial, Industrial, & Institutional Programs	<i>Deals with toilets, urinals, steamers, cooling towers, food/restaurant equipment, medical equipment, and items related to commercial, institutional, and industrial water use.</i>
BMP 5: Landscape Programs	<i>Deals with establishing parameters for large landscapes, including measurements, budgets, audits, prohibitions, incentives, etc., related to large landscapes.</i>
Other	<i>Any additional BMPs supported by the City.</i>

7.2.1 BMP 1: Utility Operations

This BMP deals with water waste prohibitions, water efficiency ordinances, metering, conservation pricing, and other items related to managing water use.

Water Waste Prohibition Ordinance

Under City Ordinance No. 1638 (Section 4 – Water Conservation, 10-20-2014), “No person shall cause or permit water under his or her control to be wasted.” A number of additional prohibition ordinances are summarized in **Section 8** with the complete list found in **Appendix G**.

Additionally, MWD supports its member agencies and cities to adopt ordinances that will reduce wasting water.

Metering

All of the City water accounts are metered and billed according to commodity rates and meter consumption. In addition, the City encourages the installation of dedicated landscape meters, which allows the City to recommend the appropriate irrigation schedules through future landscape programs. Meter calibration and periodic replacement ensures that customers are paying for all of the water they consume, and therefore encourages conservation.



Figure 7.2: Water Meter

Metering allows the City to conserve a total of 20 to 30 percent of the water demand overall and up to 40 percent savings during peak demand periods as estimated by the CalWEP's BMP Costs and Savings Study. The measure of effectiveness will include a comparison of water use before and after meter calibration.

Conservation Pricing



Figure 7.3: Water Waste

The City's water rate structure consists of two components: a commodity charge and a fixed service charge. The fixed service charge is a fixed monthly charge, included in each customer's water bill that is based on the size of the customer's connection. As the service size increases, so does the amount of the service charge. The monthly service charge applies to domestic, commercial, agriculture, and municipal users, and was set to increase incrementally every year.

In addition to the fixed service charge, the City utilizes a three-tier water commodity charge rate structure to provide financial incentives for residential customers that conserve water. Residential customers who consume 0 – 18 hundred cubic feet (ccf) are charged at the Block 1 Rate (the lowest rate). While those who consume 19 – 36 ccf are charged at the Block 2 Rate, which is more than double the Block 1 Rate. Finally, those who consume 36+ ccf are charged at the highest rate: Block 3 Rate.

The measure of effectiveness of the rate structure in terms of acting as a catalyst for water conservation will be assessed based on decreases in the total amount of consumption since the charges are based on total consumption rates.

Programs to Assess and Manage Distribution System Real Loss

The City's surveillance of its water system to detect leaks is an on-going operation. The City recognizes the urgency of repairing leaks and responds to any leak in an expedient manner. Field employees are trained in detection of leaks and signs of unauthorized uses of water. In addition, the customer billing system flags high or unusual water bills, which are then investigated for possible leaks in customer piping. When a leak is first noticed, the pipeline is inspected and promptly repaired. The City's system inspection and field reviews are triggered when pressure losses are experienced within the same locations of the distribution line.



Figure 7.4: Leak Detection

To evaluate the effectiveness of these conservation measures, staff will review the data records to confirm that the unaccounted-for water losses remain low and consistent.

Water Conservation Program Coordination and Staffing Support

The City's Public Works (Water) Superintendent serves as the City's Conservation Coordinator for the water service area. Currently, the role of the Public Works Superintendent entails consistent water, street, and tree code enforcement, and as a result, regular communication with customers is provided. In addition, responsibilities of the Public Works Superintendent include conservation coordinator duties.



Figure 7.5: The City's Water Department Staff

7.2.2 BMP 2: Public Education & Outreach

This BMP deals with outreach efforts including emails, newsletters, advertisements, presentations, promotions, etc., related to outreach & education.

The City's Water Department Staff actively provides the community with educational opportunities through public events outreach.

School Programs

The City provides school education programs through MWD's Education Unit for teachers and students from pre-Kindergarten through college. These programs help to promote water conservation and awareness.

In 2014 and 2015 during a National Public Works Week event, the City coordinated with after-school programs which bussed in approximately 200 school children. The City's Water Department set up a booth where staff explained the origins of water, the importance of water conservation, and also passed out literature such as activity books, coloring books, and posters.



Figure 7.6: School Programs Promote Water Awareness

“Water is Life” Art Contest

Each year in the spring MWD sponsors an annual art contest that encourages youth to express the value of water through their artwork. Students in grades K-12 submit artwork through participating Member and Retail Agencies by March every year. This is a great way for students to remind us through art to consider how we use water today and whether there will be water available for the future.



Figure 7.7: MWD’s “Water is Life” Art Contest

MWD’s World Water Forum

Ten years ago, in 2006, the “International Decade of Fresh Water” was proclaimed by the United Nations to raise awareness about global water issues. To underscore the importance of water quality and conservation issues, MWD partnered with the U.S. Bureau of Reclamation – U.S. Dept. of the Interior, Friends of the United Nations, Sanitation Districts of Los Angeles County and Water for People to create a grant competition for local colleges and universities that would promote new water conservation technologies and policies or communications programs. The Forum also helps to generate student interest in engineering, environmental science and related careers in the water industry, promoting economic and workforce development in Southern California.



Figure 7.8: Public Outreach during Public Works Day

MWD’s Community Partnering Program

As a retail member, the City is able to participate in MWD’s Community Partnering Program. MWD created the Community Partnering Program in 1999. It provides sponsorships for community-based organizations including nonprofit groups, professional associations, educational institutions and public agencies.

Applications should promote discussion and educational activities for regional water conservation and water-use efficiency issues. MWD provides support for community water awareness programs, water-related education outreach programs, and public policy water conferences.

7.2.3 BMP 3: Residential Programs

This BMP deals with showerheads, faucets, toilets, and leak detection surveys related to residential water use.

Water Survey Assistance

As a member agency of MWD, the City receives funding for residential survey devices through MWD.

The City also responds to customer inquiries to high water bills that prompt informal water surveys to be completed by trained City water staff. A high-water bill triggers the City to inspect the accuracy of the water meter, conduct a flow test, and then suggest possible sources of water leaks or excessive water use.



Figure 7.9: Residential Water Survey

The City will measure the effectiveness of water survey programs through analyzing the number of surveys distributed and the difference in water consumption for the families after the surveys are conducted.

Other Residential Programs from MWD

The City also participates in various MWD programs aimed at increasing landscape water use efficiency for residential customers, including rebate programs that provide financial incentives. SoCal Water\$mart, formerly Save Water Save-A-Buck, is the conservation rebate program offered through MWD. The program offers rebates for high-efficiency clothes washers (HECW), premium high-efficiency toilets (PHET), weather-based irrigation controllers (WBIC), soil moisture sensor system (SMSS), rotating sprinkler nozzles, rain barrels/cisterns, and turf removal, as described below.

- ***Weather-Based Irrigation Controllers (WBIC) Program*** – This program, previously called the “Smart Timer Rebate Program,” started in FY 2004/05. Under this regional program, residential and small commercial properties are eligible for a rebate when they purchase and install a weather-based irrigation controller, which has the potential to save 13,500 gallons a year per residence. Rebates start at \$80 per controller for landscapes less than 1 acre in area and \$35 per station for more than 1 acre.
- ***Rotating Nozzle Rebate Program*** – This rebate program started in 2007 and is offered to both residential and commercial customers. Through this program, site owners will purchase and install rotary nozzles, which can use up to 20 percent less water than conventional fan spray nozzles, in existing irrigation systems. These sprinklers reduce runoff onto sidewalks and into

local storm drain system and provide uniform water distribution onto the landscape. MWD offers \$2 per nozzle with a minimum of 30 nozzles.

- **Rain Barrels & Cisterns Program** – Residential and commercial customers can receive rebates for installing rain barrels and/or cisterns to collect rainwater for re-use for watering their landscapes. Customers may receive rebates starting at \$75 per barrel or \$300 per cistern. The barrels and cisterns must adhere to specified design guidelines.
- **Soil Moisture Sensor System Program** – For large residential sites, a soil moisture sensor, which measures soil moisture content in the active root zone, can be installed to receive rebates starting at \$80 or \$35 per SMSS. The sensor must be connected to a compatible irrigation system controller.



Figure 7.10: Rain Barrel

- **Turf Removal Program** – Through this program, residential and small commercial customers of participating retail water agencies are eligible to receive a minimum of \$2 per square foot of turf removed for qualifying projects. Currently, Turf Removal incentives are no longer being offered throughout the MWD region due to high popularity that led to the exhaustion of funds.

Residential Plumbing Retrofit

The City offers rebates through MWD's SoCal Water\$mart program for high-efficiency clothes washers (HECWs) and premium high-efficiency toilets (PHETs) that use less than 1.1 gpf. Through this program, water-wasting plumbing fixtures are replaced with highly efficient ones with a rebate incentive for qualifying models.

7.2.4 BMP 4: Commercial, Institutional, & Industrial Programs

The City has a relatively small number of commercial, industrial, and institutional (CII) accounts; however, the City still offers financial incentives under MWD's SoCal Water\$mart Program, which offers rebates for various water efficient devices to qualifying CII customers.

SoCal Water\$mart – MWD launched this program on July 1, 2008 and offers rebates to assist CII customers in replacing high-flow plumbing fixtures with low-flow fixtures. Rebates are available only on those devices listed in **Table 7.2** on the following page. Installation of devices is the responsibility of each participant. Participants may purchase and install as many of the water saving devices as are applicable to their site.

Table 7.2: SoCal Water Smart Program Rebates

Retrofit Device	Rebate Amount
High Efficiency Toilet	\$40
Ultra-Low-Water or Zero Water Urinal	\$200
Connectionless Food Steamers	\$485 per compartment
Air-Cooled Ice Machines	\$1,000
Cooling Tower Conductivity Controller	\$625
pH / Conductivity Controller	\$1,750
Dry Vacuum Pumps	\$125 per 0.5 HP
Weather Based Irrigation Controller & Computer Irrigation Controller	\$35 per station
Rotating Nozzles for Pop-up Spray Head Retrofits	\$2 (minimum of 30 per rebate)
Large Rotary Nozzles	\$13 per set

7.2.5 BMP 5: Landscape Programs


The City supports large landscape conservation through MWD's regional programs including:

SoCal Water\$mart Program – The City, through MWD, also offers rebates through SoCal Water\$mart program for landscape plumbing retrofitting. Landscape rebates are available for Weather- Based Irrigation Controllers (WBIC), Soil Moisture Sensor System Program (SMSS), rotating sprinkler nozzles, and turf removal. The available landscape programs are listed below:

- WBIC Program
- SMSS Program
- Rotating Nozzle Rebate Program
- Rain Barrels & Cisterns Program
- Turf Removal Programs

7.3 REBATE PROGRAM PARTICIPATION

Over the past six years (2015-2020), the City has found success in offering rebates through MWD's SoCal Water\$mart program. Since the beginning of 2015, there have been residents that have qualified and received rebates through the rebate program.

An aerial photograph of a large, deep blue reservoir situated in a dry, brownish landscape with rolling hills and some sparse vegetation. The reservoir's surface is calm, reflecting the sky. The surrounding land is divided into some agricultural plots by thin lines.

During times of severe drought or catastrophic supply interruptions, City of San Fernando will implement its Water Shortage Contingency Plan and Emergency Preparedness and Disaster Response Plan. The City's efforts are highly dependent on MWD's regional efforts, which call for reductions in water use and greater utilization of storage reservoirs.

SECTION 8: WATER SHORTAGE CONTINGENCY PLAN

CITY OF SAN FERNANDO | 2020 URBAN WATER MANAGEMENT PLAN

SECTION 8

WATER SHORTAGE CONTINGENCY PLAN

8.1 INTRODUCTION

Water supplies may be interrupted or reduced significantly in a number of ways including droughts, earthquakes, and power outages, which can hinder a water agency's ability to effectively deliver water. Drought impacts increase with the length of a drought as carry-over supplies in reservoirs are depleted and water levels in groundwater basins decline. The ability to manage water supplies in times of drought or other emergencies is an important part of water resources management for a community. Although the majority of the City's water supply is produced locally, response to an emergency will be a coordinated effort between its own staff and other local and regional water agencies.

Recent water supply challenges throughout the American Southwest and the State of California have resulted in the development of a number of policy actions that water agencies would implement in the event of a water shortage. In Southern California, the development of such policies has occurred at both the wholesale and retail level. This section addresses elements related to the urban water supplier's Water Shortage Contingency Plan (WSCP) describing new and existing policies that MWD and the City have in place to respond to water supply shortages, including a catastrophic interruption and a greater than 50 percent mandatory reduction in total potable water supply. The City will also coordinate with MWD to implement water shortage plans on a regional level.

8.2 WATER SUPPLY RELIABILITY ANALYSIS

8.2.1 Water Service Reliability Assessment

Southern California is expected to experience an increase in regional demands in the years 2025 through 2045 as a result of population growth. Although increases in demand are expected, future demands are effectively limited due to the requirements of SBx7-7. It can be reasonably expected that the majority of agencies have met or were near their compliance targets for 2020 and will continue to meet, or will soon meet, their per-capita usage limit in the future.

The data in the MWD 2020 UWMP shows supply reliability projections for average and single dry years and is important to effectively project and analyze supply and demand over the next 25 years for many regional agencies. Projected supplies during single and multiple dry year scenarios indicate MWD's projected supply will exceed its projected single dry year demands in all years. Likewise, for average years, MWD supply exceeds projected demands for all years.

Due to the semi-arid nature of the City's climate and as a result of past drought conditions, the City is vulnerable to water shortages due to its climatic environment and seasonally hot summer months. **Section 6** describes the water availability during single and multiple dry year scenarios. **Tables 8.1, 8.2, and 8.3** summarize the supply and demand comparisons during normal, single-dry year, and multiple dry year, respectively.

Table 8.1: Normal Year Supply & Demand Comparison (AF) (DWR Table 7-2 Retail)

	2025	2030	2035	2040	2045
Supply totals	4,199	4,199	4,199	4,199	4,199
Demand totals	2,910	2,960	3,011	3,062	3,114
Difference	1,289	1,239	1,188	1,137	1,085

Table 8.2: Single Dry Year Supply & Demand Comparison (AF) (DWR Table 7-3 Retail)

	2025	2030	2035	2040	2045
Supply totals	3,570	3,570	3,570	3,570	3,570
Demand totals	3,273	3,329	3,386	3,444	3,503
Difference	297	241	184	126	67

Table 8.3: Multiple Dry Year Supply & Demand Comparison (AF) (DWR Table 7-4 Retail)

		2025	2030	2035	2040	2045
First year	Supply totals	3,570	3,570	3,570	3,570	3,570
	Demand totals	3,238	3,293	3,349	3,406	3,465
	Difference	332	277	221	164	105
Second year	Supply totals	3,570	3,570	3,570	3,570	3,570
	Demand totals	3,443	3,502	3,562	3,623	3,684
	Difference	127	68	8	(53)	(114)
Third year	Supply totals	3,570	3,570	3,570	3,570	3,570
	Demand totals	3,535	3,595	3,656	3,719	3,782
	Difference	35	(25)	(86)	(149)	(212)
Fourth year	Supply totals	3,570	3,570	3,570	3,570	3,570
	Demand totals	3,358	3,416	3,474	3,533	3,594
	Difference	212	154	96	37	(24)
Fifth year	Supply totals	3,570	3,570	3,570	3,570	3,570
	Demand totals	2,892	2,942	2,992	3,043	3,095
	Difference	678	628	578	527	475

As shown in **Tables 8.1 to 8.3**, the City can meet the majority of future demands through 2045; however, the City service area indicates supply deficits in the analysis. Because the City has access to MWD water, a shortfall of groundwater supplies may be supplemented by imported water supply from MWD. Furthermore, these projections do not include groundwater right agreements with outside agencies. The City may consider groundwater lease agreements with the City of Los Angeles to pump additional groundwater if they anticipate to exceed their adjudicated groundwater rights within the Sylmar Groundwater Basin.

8.2.2 Five-Year Drought Risk Assessment

Due to the surface and subsurface inflows from the Santa Susana and San Gabriel Mountains and natural percolation, the Sylmar Basin has moderate dry season groundwater supply protection. Additionally, due to the stipulations of the Sylmar Judgment, the City may extract up to 10 percent in excess of its adjudicated right of 3,570 AFY. If the City leases additional groundwater from the City of Los Angeles, this will result in even greater supply reliability benefits during dry seasons that may occur during the course of the City's lease. Furthermore, since the City will continue to have access to imported water, the City may import water to meet demand, if necessary.

Imported water supplies, like groundwater, are subject to demand increases and reduced supplies during dry years; however, MWD modeling in its 2020 UWMP, as referenced in **Tables 6.2 to 6.3** in **Section 6**, results in 100 percent reliability for full-service demands through the year 2045 for all climatic conditions. Based on the conditions described above, the City anticipates the ability to meet water demand for all climatic conditions for the near future

New to the 2020 UWMP is the Drought Risk Assessment (DRA) over a 5-year period examining the reliability of the City's water supplies. **Table 8.4** shows the results of the analysis. The analysis was done utilizing DWR's DRA Planning Tool to determine supply and demand projections, and to analyze the City's vulnerability to droughts. The tool also allows water purveyors to utilize potential water usage saving or supply augmentation methods to mitigate supply shortfalls. These water usages saving methods (restrictions) and supply augmentations are further discussed in the WSCP. As shown, the City is capable to meet the projected demands based on the estimated water supplies during drought conditions without the need for WSCP stage implementation.

Table 8.4: Five-Year Drought Risk Assessment (AF) (DWR Table 7-5)

	2021	2022	2023	2024	2025
Total Water Use	2,871	2,881	2,891	2,900	2,910
Total Supplies	3,570	3,570	3,570	3,570	3,570
Surplus/Shortfall w/o WSCP Action	699	689	679	670	660
Planned WSCP Actions (Use Reduction and Supply Augmentation)					
Supply Augmentation Benefit from WSCP Response	0	0	0	0	0
Use Reduction Savings Benefit from WSCP Response	0	0	0	0	0
Revised Surplus/Shortfall	699	689	679	670	660
Resulting % Use Reduction from WSCP Action	0%	0%	0%	0%	0%



Figure 8.1: Severe Droughts Highlight the Importance of Conservation Ordinances (Lake Oroville in 2014)

Response to a future drought would follow the water use efficiency mandates of the City's phased water conservation program along with implementation of the appropriate stage of regional plans, such as MWD's Water Surplus Drought Management (WSDM) Plan as described later in this section.

8.3 ANNUAL WATER SUPPLY AND DEMAND ASSESSMENT PROCEDURES

Under CWC Section 10632(a)(2), beginning by July 1, 2022, each urban water supplier is required to prepare their annual water supply and demand assessment (Annual Assessment) and submit an Annual Water Shortage Assessment Report to DWR. The Annual Water Shortage Assessment Report will be due by July 1 of every year, as required by CWC Section 10632.1.

This section outlines the City's procedures used in conducting an Annual Assessment, including the following: 1) written decision-making process for determining water supply reliability; and 2) key data inputs and assessment methodology for evaluating the water supply reliability for the current year and one dry year.

8.3.1 Decision-Making Process

The City's Annual Assessment will be mostly based on daily recorded water production and supply figures. Water consumption is monitored regularly through the metering of all City service connections in its distribution system. To determine its water supply reliability and actual reductions in water use during declared water shortages or emergencies, the City can rely on its daily records as well as the weekly, monthly, and annual reports prepared. These periodical

analyses are used by the City to manage resources to meet projected demands and adjust to changing conditions (i.e., precipitation) throughout the year.

Starting in 2022, City staff will submit and present a finalized Annual Water Shortage Assessment Report to the City Council for approval by June each year. City staff will also present determination of recommended water shortage response actions deemed appropriate as a result of the Annual Assessment. Following approval, City staff will submit the approved Annual Water Shortage Assessment Report to DWR by July 1 of every year. The functional procedures for the decision-making process are depicted in the following timeline shown in **Figure 8.2**.

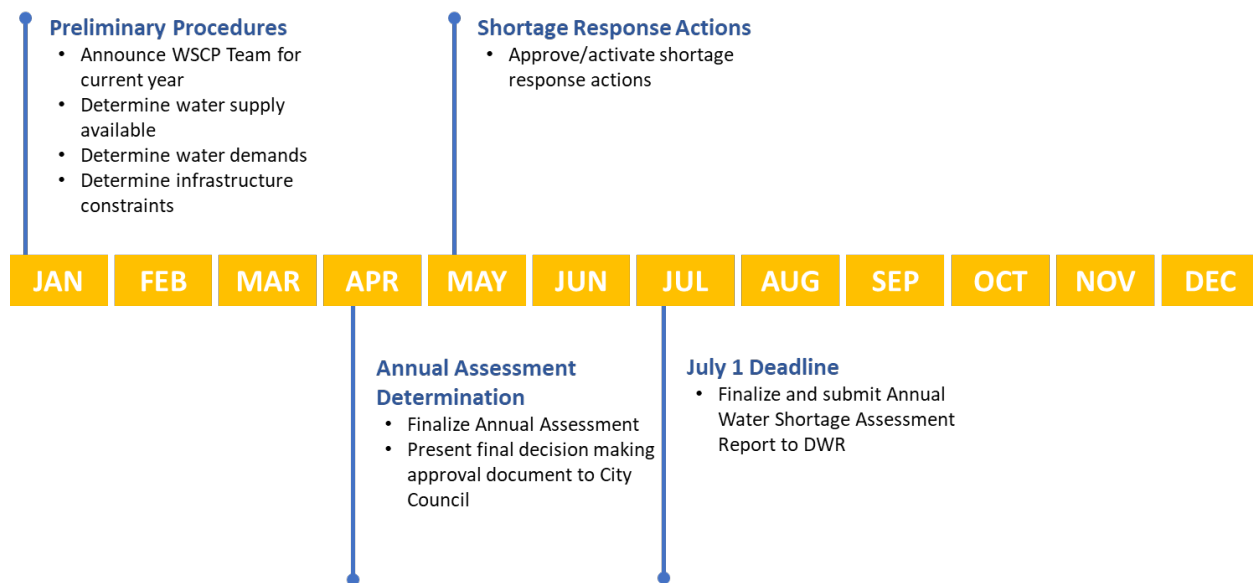


Figure 8.2: Sample Annual Assessment Decision-Making Process Timeline

8.3.2 Key Data Inputs and Assessment Methodology

This section defines the key data inputs and assessment methodology used to evaluate the water supply reliability for the anticipated conditions for the current year and for one dry year that follows. The Annual Assessment determination will focus on the current year unconstrained demand, infrastructure constraints, and total water supply availability. Moreover, the Annual Assessment will consider the current year's weather, population growth, policies in place that will impact demands, and other influencing factors. The current year available supply will incorporate the hydrological regulatory conditions for the current year and following dry year.

Locally Applicable Evaluation Criteria

The locally applicable evaluation criteria that will be consistently relied on for each Annual Assessment include the following:

- 1) Assumed unconstrained demand (i.e., demand without any conservation measures) for current year and one dry year
- 2) Assumed total water supply availability for current year and one dry year

- 3) Existing infrastructure capabilities and plausible constraints
- Any known issues with the water facilities (including water quality conditions limiting local sources)
 - Planned power outages for operation and maintenance
 - New construction and repairs
 - Environmental mitigation measures
 - Other constraints that may affect near-term water supply reliability

Water Supply Sources Description and Quantification

As part of the Annual Assessment, the total available water supply evaluation criteria will comprise of the City's water supply sources as shown and quantified in **Tables 8.5** and **8.6**.

Table 8.5: 2020 Water Supply (AF) (DWR Table 6-8 Retail)

Water Supply	Additional Detail on Water Supply	2020		
		Actual Volume	Water Quality	Total Right or Safe Yield
Purchased or Imported Water	MWD	0	Drinking Water	629
Groundwater (not desalinated)	Sylmar Groundwater Basin	2,862	Drinking Water	3,570
Total		2,862		4,199

Table 8.6: Projected Water Supply Availability (AF) (DWR Table 6-9 Retail)

Water Supply	Additional Detail on Water Supply	Projected Water Supplies				
		2025	2030	2035	2040	2045
Purchased or Imported Water	MWD	629	629	629	629	629
Groundwater (not desalinated)	Sylmar Groundwater Basin	3,570	3,570	3,570	3,570	3,570
Total		4,199	4,199	4,199	4,199	4,199

Imported Water Purchases

The City receives its imported water supply from MWD. Supply from MWD originates from the Colorado River and the Sacramento-San Joaquin River Delta in Northern California. From 2015 to 2020, imported water has accounted for 0 percent of the City's potable water supply total. This independence from imported water is the result of the City's groundwater pumping ability. The City is projected to be able to have access to its full Tier 1 limit supply with MWD of 629 AFY as shown in **Table 8.6**.

Groundwater Supply

The City uses its groundwater wells to extract groundwater from the Sylmar Groundwater Basin and has an adjudicated right of about 3,570 AFY. The City currently maintains three active wells (Well Nos. 2A, 4A, and 7A) and one standby well (Well No. 3) for groundwater extraction.

8.4 SHORTAGE STAGES AND SHORTAGE RESPONSE ACTIONS

8.4.1 MWD Stages of Action

Water Surplus & Drought Management Plan (WSDM)

In addition to the provisions of the City's Conservation Ordinance, the City will also work in conjunction with MWD to implement conservation measures within the framework of MWD's WSDM Plan. The WSDM Plan was developed in 1999 by MWD with assistance and input with its member agencies. The plan addresses both surplus and shortage contingencies.

The WSDM Plan guiding principle is to minimize adverse impacts of water shortage and ensure regional reliability. The plan guides the operations of water resources (local resources, Colorado River, SWP, and regional storage) to ensure regional reliability. It identifies the expected sequence of resource management actions MWD will take during surpluses and shortages of water to minimize the probability of severe shortages that require curtailment of full-service demands. Mandatory allocations are avoided to the extent practicable; however, in the event of an extreme shortage, an allocation plan will be implemented.

MWD's WSDM and WSAP Plans help guide drought management for many agencies throughout the region.

In addition to its WSDM Plan, MWD developed a Water Supply Allocation Plan (WSAP), which provides a standardized methodology for allocation of supplies during times of extreme shortage (Stage 7 in MWD's WSDM Plan). During a shortage, the City's imported water supplies will be allocated based on the methodology documented in MWD's allocation plan.

The following description of shortage stages is from MWD's 2020 UWMP, page 2-29:

“Shortage: Metropolitan can meet full-service demands and partially meet or fully meet interruptible demands, using stored water or water transfers as necessary.

Severe Shortage: Metropolitan can meet full-service demands only by using stored water, transfers, and possibly calling for extraordinary conservation.

Extreme Shortage: Metropolitan allocates available supply to full-service customers.



Figure 8.3: Lake Mead “Bathtub Ring” (December 20, 2020)

The WSDM Plan also defines six shortage management stages to guide resource management activities. These stages are not defined merely by shortfalls in imported water supply, but also by the water balances in Metropolitan’s storage programs. Thus, a 10 percent shortfall in imported supplies could be a stage one shortage if storage levels are high. If storage levels are already depleted, the same shortfall in imported supplies could potentially be defined as a more severe shortage.

When Metropolitan must make net withdrawals from storage to meet demands, it is considered to be in a shortage condition. Under most of these stages, Metropolitan is still able to meet all end-use demands for water. For shortage stages 1 through 3, Metropolitan will meet demands by withdrawing water from storage. At shortage stages 4 and 5, Metropolitan may undertake additional shortage management steps, including issuing public calls for extraordinary conservation and exercising water transfer options, or purchasing water on the open market.”

MWD Water Supply Allocation Plan (for WSDM Shortage Stage 7)

In February 2008, MWD’s Board of Directors adopted a WSAP, which includes a methodology for calculating supply allocations in the event that MWD enters a Shortage Stage 7 and is unable to meet the demands of its member agencies. MWD revised its WSAP in 2014 to include the following updates: new FY 12-13 to FY 13-14 baseline, implement a Conservation Demand

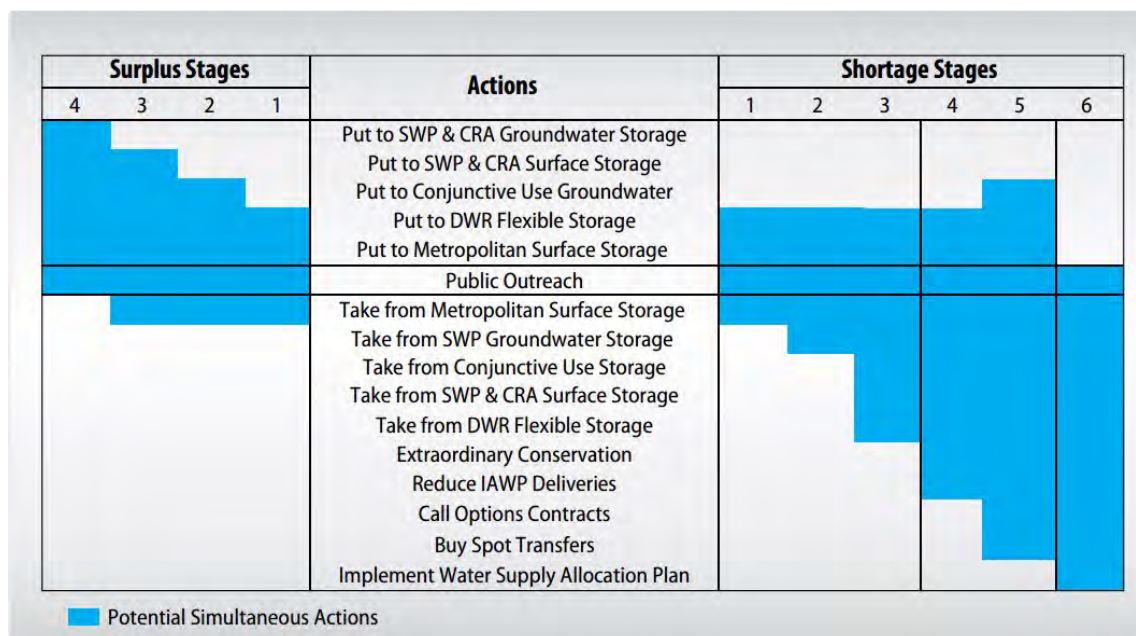


Figure 8.4: MWD WSDM Surplus & Drought Stages

Hardening Adjustment, create a separate Groundwater Replenishment Allocation for applicable agencies, and replace WSAP Penalty Rates with Allocation Surcharges based on the marginal costs of turf removal. It should be noted that the WSAP is not a rationing plan. Rather, it is a pricing plan where water is allocated at regular prices and agencies that choose to take more than the allocated water pay surcharges. The surcharge pricing mechanism acts to discourage the use of water above the allocation. The WSAP uses a combination of estimated total retail demands and historical local supply production within the member agency service area to estimate the demands on MWD from each member agency in a given year. Based on a number of factors, including storage and supply conditions, MWD then determines whether it has the ability to meet these demands or will need to allocate its limited supplies among its member agencies. Thus, implicit in MWD's decision not to implement an allocation of its supplies is that, at a minimum, MWD will be able to meet the demands identified for each of the member agencies.

According to MWD's 2015 IRP, the approach seeks to balance the impacts of a shortage at the retail level while maintaining equity on the wholesale level and takes into account growth, local investments, changes in supply conditions and the demand hardening aspects of non-potable recycled water use and the implementation of conservation savings programs. The methodology attempts to allocate supplies based on an estimate of an agency's relative need for imported water using the following process:

1. Establish a baseline for total retail demands (and adjust for growth) to determine the allocation year total retail demands. ("What are your total water demands?")

When a WSDM Shortage Stage 7 is triggered, MWD's WSAP helps to assess resources in the most equitable way possible.



Figure 8.5: MWD's Diamond Valley Lake (Potential Reserves for WSAP Allocations)

2. Estimate the amount of local supplies to be utilized in the allocation year and subtract from total retail demands. This is the allocation year baseline demand on MWD. (*"How much imported water do you need from MWD?"*)
3. Apply the minimum allocation percentage (per the regional shortage level) to the allocation year baseline demand and provide minor adjustments based on various criteria. (*"Restrict normal supply deliveries and provide allocation."*)

Base Period Calculations (Used to Determine WSAP Reductions)

The Base Period is calculated using data from FY 2012-13 and FY 2013-14. Base Period wholesale demands are based on the two-year average of demands on MWD during the Base Period, including full-service, seawater barrier, seasonal shift, and surface storage operating agreement demands.

Local supplies for the base period are calculated using a two-year average of groundwater production, groundwater recovery, Los Angeles Aqueduct supply, surface water production, and other imported supplies. Non-potable recycling production is not included in this calculation, which, according to MWD, is intended to address the impact of demand hardening due to recycled water use.

Total potable retail demands for the Base Period are then calculated by adding the Base Period wholesale demands on MWD and the Base Period local supplies.

WSAP Allocation Year Calculations

The next step is to estimate water needs in an allocation year by (1) adjusting the Base Period total retail demands for population or economic growth, and (2) accounting for changes in local supplies.

The Base Period retail demands are adjusted for growth using the average annual rate of population growth occurring since the two-year base period based on county-level data generated by the California Department of Finance.

Next, these growth-adjusted demands are adjusted again to account for (1) gains and losses of local supply, and (2) extraordinary increases in production over the base year. According to MWD, these adjustments are made to give a more accurate estimate of actual supplies in the allocation year, and, in turn, more accurately reflect an agency's demand for MWD supplies.

The adjustment for gains in local supplies is intended to account for planned or scheduled gains in local supply production above the Base Period, which are not due to extraordinary actions to increase water supply in the allocation year. These previously scheduled increases in supply programs (i.e., San Diego County Water Authority/Imperial Irrigation District) or local production are added to the base period local supplies. Again, new supplies from non-potable recycling projects are not counted as local supplies.

While the local agency does become more reliable with the addition of the new supplies, assuming that the new supplies are available during an allocation, the benefits of these programs are partially offset because the impact of adding the new supplies to the Base Period local supplies is to reduce an agency's dependence on MWD and thus their allocation under the WSAP.

Alternatively, only a portion of the additional supplies from what are termed "extraordinary increases in production" are added back to Allocation Year local supplies depending on the retail shortage level. Extraordinary increases in production include such efforts as purchasing transfers or mining of groundwater basins. By adding only a percentage of the yield from these supplies to Allocation Year local supplies, it has the effect of "setting aside" the majority of yield for the agency who procured the supply.

Table 8.7 reflects the set of percentages used in the WSAP to establish water allocations for each agency.

Table 8.7: Water Allocation Percentages

Regional Shortage Level	Regional Shortage Percentage	Wholesale Minimum Percentage	Maximum Retail Impact Adjustment Maximum
1	5%	92.5%	2.5%
2	10%	85.0%	5.0%
3	15%	77.5%	7.5%
4	20%	70.0%	10.0%
5	25%	62.5%	12.5%
6	30%	55.0%	15.0%
7	35%	47.5%	17.5%
8	40%	40.0%	20.0%
9	45%	32.5%	22.5%
10	50%	25.0%	25.0%

8.4.2 City of San Fernando Response Plan

The City has implemented a water conservation program to reduce water demands since the drought period of the early 1990s. On October 20, 2014, the City Council adopted a revised version Water Conservation Ordinance (Ordinance No. 1638, see **Appendix G**), which establishes three phases of water shortage severity based on predicted or actual water supply reductions. The City implements certain initiatives to optimize water supply during water shortages or drought conditions. In the event of a water shortage, the director of utilities will declare the appropriate water conservation stage by resolution.

The objectives of the response plan are to:

1. Prioritize essential uses of available water
2. Avoid irretrievable loss of natural resources
3. Manage current water supplies to meet ongoing and future needs
4. Maximize local municipal water supplies
5. Eliminate water waste city-wide
6. Create equitable demand reduction targets
7. Minimize adverse financial effects

The following priorities for uses of available water are listed in order from highest to lowest priority:

1. Health and Safety including: consumption and sanitation for all water users; fire suppression; hospitals, emergency care, nursing/convalescent homes and other similar health care facilities; shelters and water treatment

2. Institutions, including government facilities and schools such as public safety facilities, essential government operations, public pools and recreation areas
3. All non-essential commercial and residential water uses
4. Landscaped areas of significance, including parks, cemeteries, open spaces, government-facility landscaped areas and green belt areas
5. New water demand

City of San Fernando Stages of Action

During water shortages, the City has the ability to meet its demands by applying a Phased Water Conservation Plan. This plan imposes phases of mandatory water reduction of water use up to and greater than 50 percent and consists of three phases that help reduce water use within the City's system in order to meet a water supply reduction target based on the severity of the drought conditions or supply shortage. The City's two potable water sources are local groundwater and imported deliveries through MWD. Rationing stages may be triggered by a shortage in one source or a combination of sources, and shortages may trigger a stage at any time. **Table 8.8** shows the stages of action of the ordinance.

Per CWC Section 10632(a)(3)(B), a supplier may continue using their own water shortage levels that were previously used. In accordance with this allowance, the City has chosen to continue to use its current water shortage levels in its new WSCP and has included a graphic (**Table 8.8**) to correlate its water shortage levels to the six standard water shortage levels mandated by CWC Section 10632(a)(3)(A).

Table 8.8: Water Supply Shortage Stages and Conditions – Rationing Stages

City Shortage Levels			Mandated Standard Shortage Levels	
Stage Phase	Restriction Type	% Shortage	Shortage Level	% Shortage
I	Voluntary	Up to 10%	1	Up to 10%
II	Mandatory	Up to 20%	2	Up to 20%
III	Mandatory	Up to 50% or greater	3	Up to 30%
			4	Up to 40%
			5	Up to 50%
			6	>50%

As reflected in **Table 8.8**, the mandatory prohibitions applied by Phase 3 will curtail water use more than 50 percent below the projected water consumption level. Correspondingly, the City's shortage levels depicted in **Table 8.8** are bundled in such a way that if a conservation stage to reduce water consumption by 40 percent were mandated (CWC standard shortage level 4), the prohibitions and additional conservation measures activated by the City's Phase 3 will provide more than enough shortage responses to exceed the conservation goal.

The City Council will implement the provisions of the Phased Water Conservation Plan, following a public hearing, upon determination that the projected water shortage and the appropriate measures should be implemented. Any provision requiring curtailment in the use of water shall become effective no sooner than the first billing period commencing on or after the date of publication of the measures adopted.

The type of event that may prompt the City Council to declare a water shortage and implement the Water Conservation Plan includes a drought, a state or local emergency, a natural disaster that critically impacts the supply or water conveyance system, and a localized event that critically impacts the water supply. The water supply can be impacted due to deficient water treatment and/or water quality, and problems with storage, transmission, or the water distribution system. Also, restricted use could be triggered by the City's wholesale water agency requesting extraordinary water conservation efforts in order to avoid mandatory water allocations in accordance with the WSAP.

8.4.3 Prohibitions

Mandatory Prohibitions

In accordance with the City's conservation policies, the City has enacted several water use restrictions which are enacted during times of shortage as part of the City's Ordinance Code 1638 (see **Appendix G**). In addition, the City has planned to review its current conservation plan in the near future.

Prohibitions of the current conservation plan include, but are not limited to:

- *Gutter flooding* – No person shall cause or permit any water furnished to any property to run or escape into any gutter if such running can be reasonably prevented.
- *Washing hard-surfaced areas* – No person shall use any water furnished to any property within the city to wash sidewalks, driveways, etc. by hosing.
- *Irrigation* – No person shall water any type of vegetation or landscaping during the hours of 10:00 am and 5:00 pm.
- *Ornamental facilities* – No person shall refill any fountain, pool or other facility containing water solely for ornamental purposed.
- *Leaks* – No person shall permit leaks of water which he/she has the authority to eliminate.
- *Restaurants* – Restaurants shall only serve water to customers upon request.
- *Washing vehicles* – Washing of vehicles, trailers, boats, etc. shall be done only with a hand-held buckets or hose equipped with a shut-off nozzle for quick rinses, except that washing may be done with reclaimed water or a commercial car wash using recycled water.
- *Watering lawns and landscape* – All lawns and landscape shall be watered not more than every other day, on the assigned day (either an odd-numbered or even-numbered day).
- *Wasting generally* – No person shall cause or permit water under his or her control to be wasted.

8.4.4 Consumption Reduction Methods

In addition to the City's demand management measures, the following is a list of some of the consumption reduction methods that the City may implement during a water shortage:

- Reduced pressure in water mains
- Flow & water use restrictions
- Restrict building permits
- Restrict for only priority uses
- Water Shortage pricing
- Mandatory rationing

8.4.5 Catastrophic Supply Interruption

Given the great distances imported water supplies travel to reach the City service area, the region is vulnerable to interruptions along hundreds of miles of aqueducts, pipelines and other facilities associated with delivering the supplies to the region. Additionally, this water is distributed to customers through an intricate network of pipes and water mains that are susceptible to damage from earthquakes and other disasters, natural or otherwise.

MWD

MWD has comprehensive plans for stages of actions it would undertake to address a catastrophic interruption in water supplies through its WSDM and WSAP Plans. MWD also developed an Emergency Storage Objective to mitigate potential interruption in water supplies resulting from catastrophic occurrences within the Southern California region, including seismic events along the San Andreas Fault. In addition, MWD is working with the state to implement a comprehensive improvement plan to address catastrophic occurrences that could occur outside of the Southern California region, such as a probable maximum seismic event in the Delta that would cause levee failure and disruption of SWP deliveries.

In July 2019, MWD's Board adopted amendments to their Administrative Code allowing deliveries of member agency water supplies in MWD's system during an emergency. With these enabled deliveries, MWD's member agencies will be able to deliver their water through MWD's system under specific emergency conditions. Emergency deliveries using a portion of MWD's system can only be made if MWD is unable to make deliveries to a member agency due to physical damage to its system resulting from a natural disaster or other emergency, and there are no alternatives.

City of San Fernando

A water shortage emergency could be caused by a catastrophic event such as result of drought, failures of transmission facilities, a regional power outage, earthquake, flooding, supply contamination from chemical spills, and other adverse conditions.

The City has an Emergency Operations Center (EOC) that can be activated in times of local and regional emergencies. The City is also a part of the Member Agency Response System (MARS), a radio communication system developed by MWD, which allows the City to contact other water member agencies during an emergency or disaster for assistance. In addition, the City maintains its equipment and vehicles in good repair in preparation for responding to emergency conditions. The water system is designed with redundant features in its production, storage and distribution systems, and it has been recently automated by the installation of a telemetry and control system.



Figure 8.6: Reservoirs Provide Emergency Supplies (Lake Skinner)

The City is currently updating its Emergency Response Plan (ERP), which describes the actions the City will take during a catastrophic interruption of water supplies including, a regional power outage, an earthquake, a fire, emergency chlorination, damage or destruction to its facilities and other disaster.

Due to the planning efforts of the MWD, large reservoirs are capable of supplying the City's (and the region's) water needs for several months provided that the water use restrictions of each agency are met. Lake Castaic is a large nearby reservoir that can provide emergency supplies of up to 324,000 AF of emergency and non-emergency supplies.

During a disaster, the City will work cooperatively with LADWP and MWD through the radio communication MARS to facilitate the flow of information and requests for mutual-aid within MWD's 5,100 square mile service area. In the event of groundwater supply loss, all supply could be imported from MWD's reservoirs, and it is confirmed that the necessary capacity is available to do so.

Additional emergency services in the State of California include the Master Mutual Aid Agreement, California Water Agencies Response Network (WARN), and Plan Bulldozer. The Master Mutual Aid Agreement includes all public agencies that have signed the agreement and is planned out of the California Office of Emergency Services. WARN includes all public agencies that have signed the agreement to WARN and provides mutual aid assistance. It is managed by a State Steering Committee. Plan Bulldozer provides mutual aid for construction equipment to any public agency in times of disasters when danger to life and property exists.

8.4.6 Seismic Risk Assessment and Mitigation Plan

Introduction

Earthquakes can vary significantly in magnitude and the amount of damage caused. Major earthquakes can cause loss of electrical power, damage to the City's structures and equipment,

disruption of service, and injuries to staff. This section provides a description of the City's procedures (i.e., response and mitigation) after an earthquake event.

As mandated in CWC Section 10632.5, beginning January 1, 2020, water suppliers are required to include a seismic risk assessment and mitigation plan as part of their WSCP to assess the vulnerability of each of the various facilities of their water system and mitigate those vulnerabilities. If an urban water supplier does not have a seismic risk assessment and mitigation plan, the urban water supplier may instead, per CWC Section 10632.5(c), include a local hazard mitigation plan (LHMP) or a multi-hazard mitigation plan. This requirement is satisfied by the incorporation of elements and analyses from the City's Risk and Resilience Assessment (RRA) and ERP as well as the 2019 County of Los Angeles All-Hazards Mitigation Plan (**Appendix H**). The complete RRA and ERP documents are not presented within this plan due to the highly confidential nature of the reports. Although the City does not currently have a seismic risk assessment and mitigation plan, it plans to prepare a Local Hazard Mitigation Plan by the end of 2021.

Seismology of Water Facilities & Vulnerability

An earthquake is caused by the shifting of tectonic plates beneath the Earth's surface. Ground shaking from moving geologic plates collapses buildings and bridges, and sometimes triggers landslides, avalanches, flash floods, fires and tsunamis. The strong ground motion of earthquakes has the potential to cause a great deal of damage to drinking water and wastewater utilities, particularly since most utility components are constructed from inflexible materials (i.e., concrete, metal pipes). Earthquakes create many cascading and secondary impacts that may include, but are not limited to:

- Structural damage to facility infrastructure and equipment
- Water tank damage or collapse
- Water source transmission line realignment or damage
- Damage to distribution lines due to shifting ground and soil liquefaction, resulting in potential water loss, water service interruptions, low pressure, contamination and sinkholes and/or large pools of water throughout the service area
- Loss of power and communication infrastructure
- Restricted access to facilities due to debris and damage to roadways

According to the maps provided on the California Office of Emergency Services' online planning tool (My Plan) and the California Geological Survey's online earthquake hazards zone application (EQ Zapp), one known fault traverses the City's service area, which is the San Fernando Fault Zone. In addition, there are areas with increased risk due to soil liquefaction. The known regional fault lines, landslide zones, and liquefaction zones are shown in **Figure 8.7**.

ERP – Earthquake Emergency Response

The City is currently preparing a new ERP to replace its existing ERP by December 31, 2021 in order to meet the requirements of America's Water Infrastructure Act of 2018 (AWIA). The ERP provides City staff with the necessary information, strategies, procedures, and mitigation actions

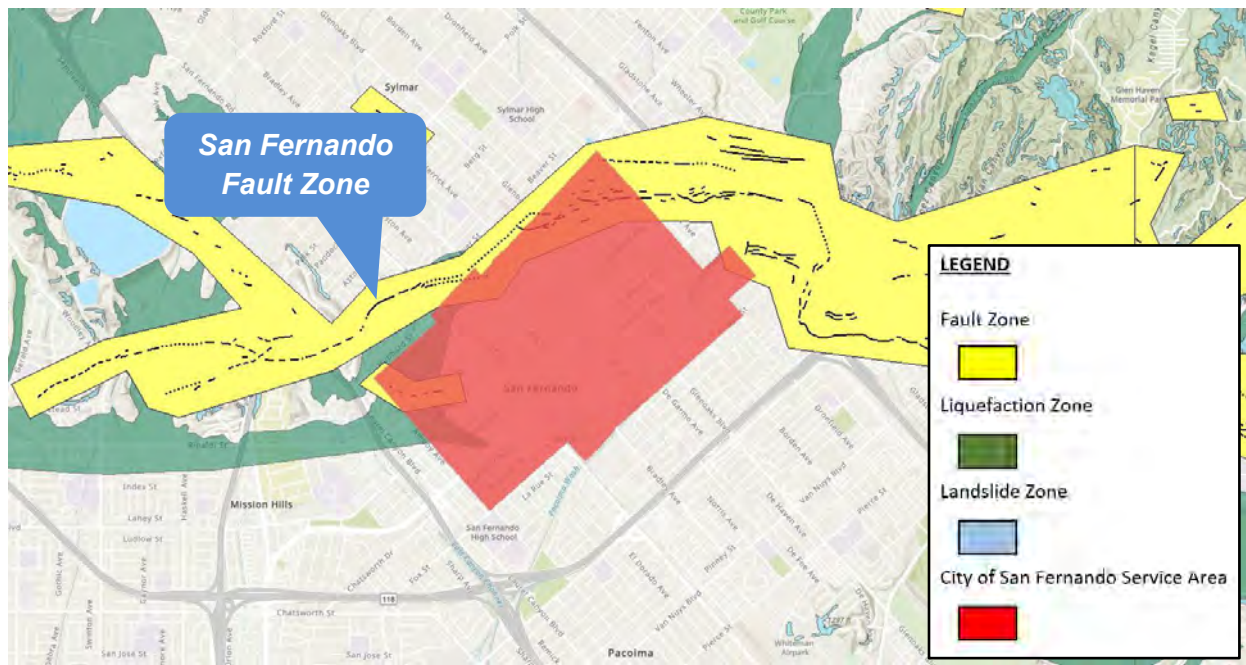


Figure 8.6: Seismic Hazards within the City's Service Area (California Geological Survey)

to address earthquake emergencies. The Water Operations Personnel will be a part of the City Emergency Response Team in case of a citywide emergency. The City's ERP policies are intended to guide disaster management planners and emergency responders, and to provide a consistently high level of preparedness at all the facilities.

Per the ERP, after a major earthquake, the EOC will be activated if potential or significant damage has occurred in the City, and the situation cannot be handled by routine public safety response or immediate mutual aid assistance. In the event of an emergency, the Public Works Superintendent will inform the Water Operations Personnel, who will be required to inspect all facilities for apparent signs of damage or abnormal conditions and conserve the existing water supply in the reservoirs from loss through water line breaks in the distribution system. In addition, Water Operations Personnel will notify the EOC to have the Police Department warn nearby residents if imminent danger from flooding might occur from structural damage to reservoirs. The Public Works Superintendent will also inform the Fire Department of the status of availability of water for firefighting and other purposes.

Mitigation Actions

Hazard mitigation may occur during any phase of a threat, emergency, or disaster. Mitigation can and may take place during the preparedness (before), response (during), and recovery (after) phases. The process of hazard mitigation involves evaluating a hazard's impact and identifying and implementing actions to minimize or eliminate the impact.

County of Los Angeles

The goals of the County of Los Angeles All-Hazards Mitigation Plan are based on a risk assessment, representing a long-term vision for hazard reduction or enhanced mitigation capabilities.

The five mitigation goals and descriptions are listed below:

1. ***Protect Life and Property*** – Implement activities that assist in protecting lives by making homes, businesses, infrastructure, critical facilities, and other property more resistant to losses from natural, human-caused, and technological hazards. Improve hazard assessment information to make recommendations for avoiding new development in high-hazard areas and encouraging preventive measures for existing development in areas vulnerable to natural, human-caused, and technological hazards.
2. ***Enhance Public Awareness*** – Develop and implement education and outreach programs to increase public awareness of the risks associated with natural, human-caused, and technological hazards. Provide information on tools, partnership opportunities, and funding resources to assist in implementing mitigation activities.
3. ***Preserve Natural Systems*** – Support management and land use planning practices with hazard mitigation to protect life. Preserve, rehabilitate, and enhance natural systems to serve hazard mitigation functions.
4. ***Encourage Partnerships and Implementation*** – Strengthen communication and coordinate participation with public agencies, citizens, nonprofit organizations, business, and industry to support implementation. Encourage leadership within the County and public organizations to prioritize and implement local and regional hazard mitigation activities.
5. ***Strengthen Emergency Services*** – Establish policy to ensure mitigation projects are considered for critical facilities, services, and infrastructure.



Figure 8.7: The Five Phases of Emergency Management

The mitigation actions and goals established by the County of Los Angeles to mitigate seismic risks and vulnerabilities are further described within its hazard mitigation plan.

City of San Fernando

After a major earthquake event, City staff will follow the emergency management phases described in the ERP, which include Immediate Actions, Post-Emergency Actions, and Incident



Investigation Process and Reporting. After the Immediate Actions phase, City staff will begin review actions to repair damaged water facilities and prepare for future earthquake emergencies.

Post-Emergency Actions include the following:

1. Water Operations will prepare an action plan for cleanup and repair activities based on the damage caused by the earthquake.
2. If electric power and/or communications remain unavailable for an extended time, the Public Works Superintendent will plan frequent personnel visits to affected facilities.
3. Once the electricity is restored, the facility will be inspected and reset to ensure all active components are functioning properly, including the alarm systems. If any part of the alarm system cannot be restored, the Public Works Superintendent will plan frequent personnel visits to the affected facilities.
4. An incident report will be prepared. In addition, a Response Information Management Form will be completed.

To minimize recurrence and enhance the lessons learned from each earthquake event, an incident investigation will be conducted and a report produced. The following guidance statements are provided to facilitate the process:

1. Personnel directly involved with the incident may record the sequence of events of an incident.
2. An incident investigation shall be initiated by a Public Works Field Supervisor or appropriate Manager.
3. The following notes may facilitate the incident investigation process:
 - Photograph the area affected by the incident and any damaged equipment.
 - Put together a committee familiar with the systems affected and related operations and maintenance.
 - Convene at least one meeting of the committee to:
 - a) Review the facts and chain of events
 - b) Identify the root cause of the incident
 - c) Identify action items to improve the system and/or operation to minimize likelihood of recurrence
 - An incident investigation report shall be produced that may include the following:
 - a) Date and time of the event
 - b) Circumstances that led to event initiation

- c) Method by which the event was discovered
- d) Description of the event
- e) Actions taken by various employees and other entities
- f) Persons injured; extent of injury and reasons for the injury
- g) Equipment involved; reasons for involvement; extent of damage
- h) Agencies notified (time of notification and persons contacted)
- i) Observations in terms of what went right and what went wrong; what was the root causes of the event and “what went wrong”, what can be done to minimize the likelihood of occurrence of such conditions or to minimize their adverse impact.

Specific seismic mitigation actions/measures are further described in the City’s recently updated ERP.

8.5 COMMUNICATION PROTOCOLS

8.5.1 Introduction

The City’s communication protocol includes the various channels that the City will utilize to convey critical messages regarding water shortage allocations and voluntary and mandatory actions. A strong communication strategy and a common understanding on the water supply situation and necessary actions between the City and its customers, the public, elected officials, and other key stakeholders are essential should the WSCP need to be activated. How the water shortage messages are addressed to the public are described in this communication protocol. The communication protocol will be in place prior to a water supply shortage and be initiated in Phase II water supply shortage. Activation of the communication protocol will continue through all subsequent water shortage phases. The City will ensure outreach efforts are reaching key audiences as needed.

It is important to communicate to its customers the following when urgent conservation is needed:

- Which shortage stage is being implemented;
- What response actions are triggered to save water;
- Why water needs to be saved; and
- What actions the City is taking to respond to the water supply situation.

8.5.2 Coordination

The goal of the City’s outreach plans during dry periods and water shortages is to maintain effective coordination with key audiences. In order to maintain reliability in this communication, the City will work closely with the City Council. During dry periods or other times of limited supply, the frequency and extent of coordination will increase to ensure outreach tactics are consistent with the changing needs of the City and its customers. In addition to collaboration with

its wholesaler, MWD, the City will seek opportunities with outside organizations and agencies to complement its own outreach.

8.5.3 Communication Goals

Communication objectives during an existing or anticipated water shortage condition include the following:

- Motivate key audiences (i.e., customers) to increase conservation in following any voluntary or mandatory actions called for at the current stage of the WSCP.
- Raise awareness of the drought, regulations, or other conditions affecting water sources and supplies.
- Educate customers, key stakeholders, elected officials, and the general public about water supply reliability, water quality, and water delivery.
- Prepare customers for any potential escalation of the supply shortage stages.

8.5.4 Communication Protocol for Current or Predicted Shortage

A current or predicted shortage, as determined by the City's Annual Assessment, will be addressed to the public and its customers upon submittal of the Annual Water Shortage Assessment Report to DWR by July 1 of every year. This notice may be conducted by the City's website, signage in front of City Hall, and wholesale agency coordination.

8.5.5 Communication Protocol for Shortage Response Actions Triggered or Anticipated to be Triggered

The City's customers and public will be notified about any triggered or anticipated to be triggered shortage response actions. The City monitors and measures the projected supply and demand for water by its customers monthly and recommends the phase of conservation required to the Members of the City Council. The City Council will change the phase designation as appropriate; however, the City Council will not impose mandatory measures without first conducting a duly-noticed public hearing pursuant to CWC Sections 350 et seq., or 375 et seq. The appropriate phase of water conservation and the shortage response action triggered by the phase is then declared in a public notification posted on the City's website and published in a daily newspaper. Upon declaration by the City Council that a water shortage emergency exists, the WSCP shall be implemented. The plan shall remain in effect until the City Council declares the water shortage emergency has ended.

8.5.6 Other Relevant Communication Protocols

To reduce water use consumption during any water shortage phase, the City will increase its public education and outreach efforts to build awareness of needed actions from the public. Moreover, the City will regularly revise its outreach campaign to reflect current supply conditions. Key communication strategies and associated water shortage phase implementation are listed below:

- Promote available water assistance resources for vulnerable populations; specialized

outreach for impacted industries (Phase II).

- Keep stakeholders aware of conditions (all Phases).
- Proclaim phase change to key stakeholders and the general public (all Phases).
- Conduct meetings with elected officials and other key civic and business leaders (Phase II).
- Encourage reduced optional outdoor use through outreach (Phase I).

The City may implement these communication strategies through its newsletters, website, and social media platforms to reflect supply conditions. In addition, the City may conduct news briefings or other media outlets (i.e., TV, radio, newspapers) to announce changes in supply conditions.

8.5.7 Crisis Communication Protocol

In the event of a catastrophic supply interruption due to a natural disaster or damage to the City's facilities, the City will implement communication procedures in accordance with local, regional, state, and federal emergency response guidelines as outlined in its ERP. Depending upon the severity of the emergency and potential damage to the City's facilities, the City may determine that it is necessary to utilize the Standardized Emergency Management System (SEMS) response and the Incident Command System (ICS). Public information and crisis communication are an integral part of the ICS structure. National Incident Management System (NIMS), SEMS, and ICS have been integrated into the ERP. It provides for a strategic response by all employees and assigns specific responsibilities in the event the plan is activated.

When an incident occurs interrupting supply, the Public Works Superintendent will go to the designated EOC and begin implementation of City procedures and employ appropriate strategies from the shortage stages in **Table 8.8**. The City is required to use SEMS when the EOC is activated or a local emergency is declared in order to be eligible for state funding of response-related personnel costs.

Crisis communication efforts will concentrate on providing information to the public and external audiences. Furthermore, outreach messaging will reflect emergency conditions and the need to focus on health and public safety. The City will keep the Members of the City Council informed of incident status and coordinate with public health officials.

The City will maintain communication with its wholesaler and its customers. In addition, the City may also authorize release of public information to news media to announce conditions and explain needed action. Finally, the City will ensure ongoing coordination with emergency response services with daily advisories or alerts as needed.

8.6 COMPLIANCE AND ENFORCEMENT

The means by which the City will use to safeguard compliance with and enforcement of water shortage rules include, but are not limited to, the following:

- Warning and citation protocols



- Water-waste patrols
- Fines and surcharges
- Rules and measures associated with fixing breaks or leaks in irrigation systems
- Customer service, education, and communication programs
- Other responses

The City may penalize repeat violators of water waste prohibitions through an escalating series of imposed actions. Compliance and enforcement protocols for violators are further detailed in the City's Water Conservation Plan.

8.6.1 Penalties or Charges

Any customer who is suspected of violating the prohibitions triggered by the Water Conservation Plan, will be given a preliminary notice in writing of the violation including a description of the violation. The person will have 24 hours to correct the violation or terminate the use. If the violation is not corrected or the use terminated, the City's Water Division may either:

- (1) Disconnect service;
- (2) Install flow-restricting devices restricting water service; or
- (3) Order issuance of a second preliminary notice.

Service disconnected or restricted may only be restored upon payment of the turn-on and any other fixed charges by the Water Conservation Plan or the rules and regulations of the water division.

Violation of the regulations and restrictions on water use in accordance with the City's Water Conservation Plan will result in penalties punishable by fees and additional water restrictions as follows:

- 1) *First Violation*: \$50 fine
- 2) *Second Violation*: \$100 fine
- 3) *Third Violation*: \$200 fine along with a flow-restrictor at the customer's expense
- 4) *Fourth Violation*: Termination of service along with a \$100 fee for termination

8.6.2 Exemption from Compliance

A customer may be exempted from water shortage supply prohibitions to a certain type of use if the City's Public Works Director issues a permit allowing such use and if such permit issuance is based on a finding that the enforcement of the water use restriction would either:

- 1) Cause an unnecessary and undue hardship to the applicant or the public; or
- 2) Cause or threaten an emergency condition affecting the health, sanitation, fire protection or safety of the applicant or the public.

The Public Works Director may require the use of water conservation devices or practices as he deems appropriate as a condition of the exemption permit.

8.6.3 Enforcement

The Public Works Director, the fire chief, police chief, water superintendent, or designee have the duty and are authorized to enforce water shortage supply prohibitions and have all the powers and authority contained in the California Penal Code § 836.5, including the power to issue written notice to appear.

Each law enforcement officer shall, in connection with his duties imposed by law, diligently enforce this division.

8.7 LEGAL AUTHORITIES

Under California law, including CWC Chapter 3 (commencing with Section 350) of Division 1, Parts 2.55 and 2.6 of Division 6, Division 13, and Article X, Section 2 of the California Constitution, the City Council is authorized to implement the water shortage response actions outlined in this section. In all water shortage cases, shortage response actions to be implemented will be at the discretion of the City Council and will be based on an assessment of the supply shortage, customer response, and need for demand reductions.

It is noted that upon proclamation by the Governor of a state of emergency under the California Emergency Services Act, Chapter 7 (commencing with Section 8550) of Division 1 of Title 2 of the Government Code, based on drought conditions, the state will defer to implementation of locally adopted water shortage contingency plans to the extent practicable. The City will coordinate with any city or county within which it provides water supply services for the possible proclamation of a local emergency, as defined in Section 8558 of the Government Code.

8.8 FINANCIAL CONSEQUENCES OF WSCP IMPLEMENTATION

The City's water rate structure is designed to provide adequate reserves to allow operation of the system during periods of low consumption due to water shortages. The rates have been designed to recover fixed costs through the monthly service charge based on meter size, and commodity charge based on water usage. The City generates a positive revenue stream from continued water sales and maintains a reserve fund. This structure minimizes the City's vulnerability to funding shortages when water consumption levels are reduced.

8.9 MONITORING AND REPORTING

8.9.1 Evaluation of Reductions

Under normal conditions, potable water production figures are recorded daily. Weekly and monthly reports are prepared and monitored. This data is used as a baseline to measure the effectiveness of any water shortage contingency stage that may be implemented.

During rationing conditions, the water budget will be monitored on a weekly, daily, or hourly basis depending on the severity of the drought. During a disaster shortage, production figures will be monitored on an ongoing basis. In addition, meter readings may be performed more

frequently than the normal bi-monthly schedule.

The City prepares an annual report (eARDWP) that includes water production, consumption, and other information regarding its distribution system. Such reports are used to determine reductions in water use and take into consideration seasonal and annual fluctuations in water production.

8.10 SPECIAL WATER FEATURE DISTINCTION

As required under CWC 10632(b), water features that are not pools or spas must be analyzed and defined separately from pools and spas in the WSCP. Non-pool or non-spa water features may use recycled water, whereas, for health and safety considerations, pools and spas must use potable water. Although the City does not currently use recycled water and does not have the ability to use recycled water due to a lack of infrastructure, the City would use non-potable water for non-pool water features if and when recycled water supply ever becomes available to the City. Furthermore, the WSCP requires potable water recirculation for fountains and decorative water features.

8.11 WSCP ADOPTION AND REFINEMENT PROCEDURES

8.11.1 WSCP Public Notice and Adoption

To encourage broad community participation in the WSCP preparation process, the City provided 60-day notification letters to agencies within the City's service area. Copies of the draft WSCP were made available for public review at City Hall and on the City website prior to the public hearing. Shortly before the public hearing, a two-week and a one-week notice was published in the local press alerting the public of the public hearing. At a subsequent board meeting following the public hearing, the City's final WSCP was approved and adopted by its Councilmembers on June 21, 2021. **Appendix E** contains the Board resolution adopting the WSCP. The final plan was submitted to DWR within 30 days of Board adoption and includes all information necessary to meet the requirements of CWC Section 10632.

By June 21, 2021, the City's approved WSCP was filed with DWR. By July 1, 2021, the City's plan was submitted to the California State Library, County of Los Angeles, and cities within its service area. The City will make the plan available for public review no later than 30 days after filing with DWR.

8.11.2 WSCP Refinement Procedures

This section discusses the process for reviewing and updating the WSCP to ensure it remains actively used, relevant and appropriate to the community, and consistent with applicable state and requirements. It is vital that the City's WSCP remain up to date so as to best ensure shortage risk tolerance is adequate, appropriate water shortage mitigation strategies are implemented as needed, proper procedures for water efficient practices are in place for the community, and better alignment with long-term water use goals.


The City's Public Works Superintendent is responsible for maintaining this plan and updating it as needed. The Civil Engineering Assistant is the primary City staff member who will carry out



this process, under the direction of the Public Works Superintendent or other appropriate staff member. In addition, the Public Works Superintendent, or their designee, will serve as the WSCP project manager and will coordinate maintenance of the plan, conduct the formal review process, and direct the plan updates. The project manager will assign tasks, which may include collecting data, developing new or updated water shortage mitigation measures, updating sections of the plan, and presenting the plan to others.



THIS PAGE LEFT BLANK INTENTIONALLY



The City of San Fernando does not operate a sewage collection system, but instead relies on Los Angeles County Sanitation District for treatment and disposal. MWD plays an important role in supporting its member agencies' own water supply projects that reduce imported water reliance.

SECTION 9: RECYCLED WATER

CITY OF SAN FERNANDO | 2020 URBAN WATER MANAGEMENT PLAN

SECTION 9 RECYCLED WATER

9.1 INTRODUCTION

Recycled water is the reuse of treated wastewater for non-potable and indirect potable reuse applications. Wastewater is treated to different levels of purification based on the usage need. Recycled water is often used to irrigate landscapes, replenish groundwater aquifers, and provide industrial users with an alternative water supply to meet their non-personal water use needs.

9.2 WASTEWATER COLLECTION & TREATMENT

Municipal wastewater is generated in the City's service area from a combination of residential, commercial, and industrial sources. The quantities of wastewater generated are generally proportional to the population and the water used in the service area. There are no wastewater treatment facilities in the City's service area. All wastewater flows generated by the City (not including storm water) are collected by the City of Los Angeles. Under a contract entered into in 1969, the City's wastewater is collected and discharged to the City of Los Angeles for treatment and disposal. The contract provides the City with purchased capacity rights in the Hyperion Treatment Plant in El Segundo, for average daily flow of 1.14 million gallons per day (MGD) and an instantaneous peak flow of 3.2 cfs.

Wastewater collection volumes are shown in **Table 9.1**. Per City of Los Angeles Bureau of Engineering, average per wastewater flow in the Los Angeles area is estimated at 90 GPCD. This average is used to estimate the wastewater volumes generated by the City.

Table 9.1: Wastewater Collected Within Service Area (AF) (DWR Table 6-2 Retail)

Wastewater Collection			Recipient of Collected Wastewater			
Name of Wastewater Collection Agency	Wastewater Volume	Volume of Wastewater Collected from UWMP Service Area 2020	Wastewater Treatment Agency Receiving Collected Wastewater	Treatment Plant Name	Is WWTP Located Within UWMP Area?	Is WWTP Operation Contracted to a Third Party?
City of Los Angeles	Estimated	2,541	LACSD	Hyperion Treatment Plant	No	No
Total Wastewater Collected from Service Area in 2020:		2,541				

9.3 CURRENT & PROJECTED RECYCLED WATER USE

Currently, the City does not use recycled water and does not have the ability to use recycled water due to a lack of infrastructure.

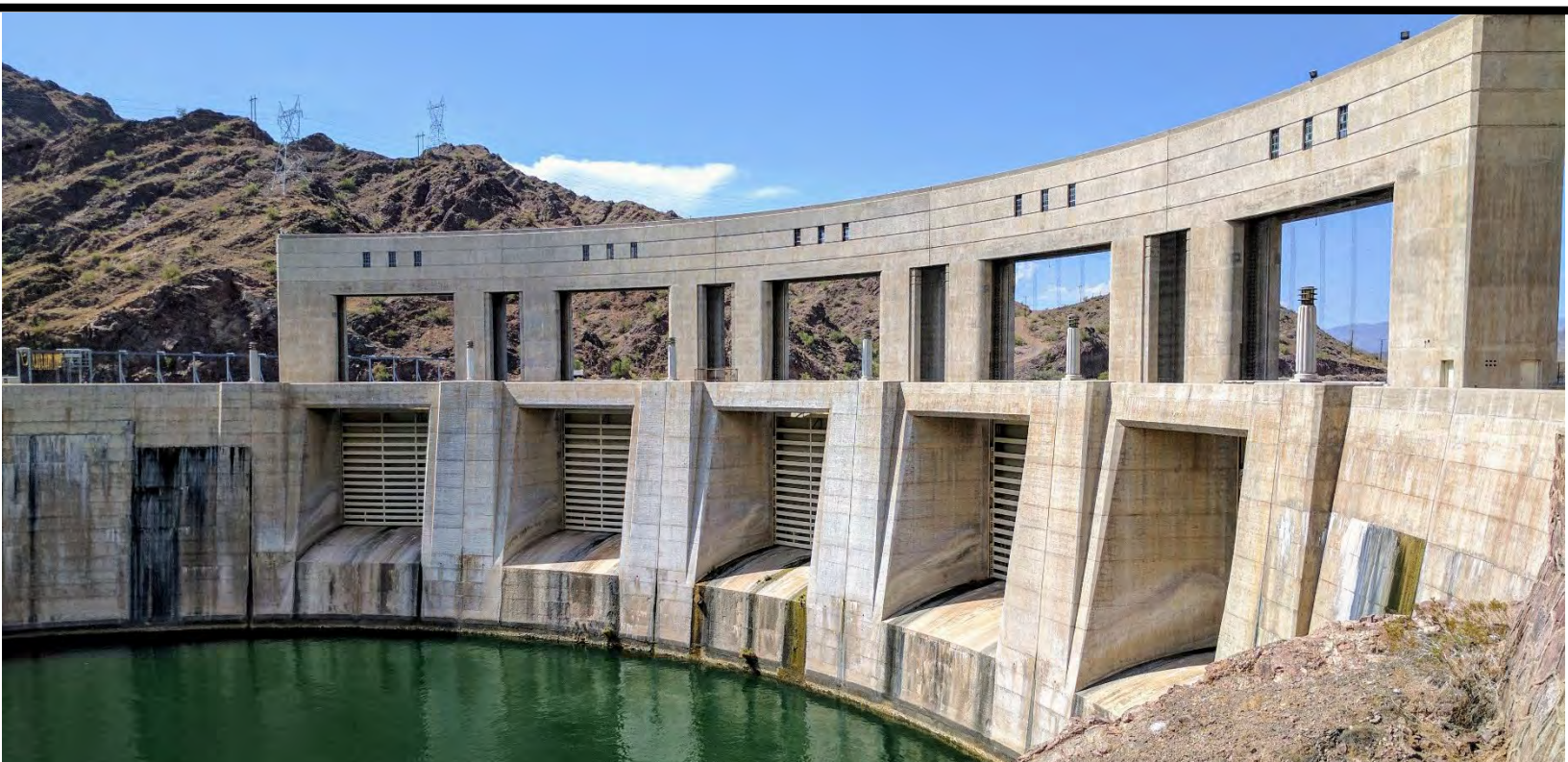
9.4 RECYCLED WATER POTENTIAL IN THE CITY

Due to the high costs involved in constructing recycled water infrastructure, the City has not considered using recycled water in the past and the City currently does not use recycled water. As a result, the City has not considered any formal plans nor has specifically identified any potential recycled water users. If the City were to use recycled water in the future (with help from LADWP or MWD), the City would benefit as typical recycled water users (large landscapes, City parks & medians, and dual-plumbed buildings) could receive recycled water. Currently, the City is investigating a potential option with Southern California Edison as a funding partner to install a scalping plant and supply recycled water to irrigation customers. If the City anticipates receiving recycled water in the near future, the City could prepare an optimization plan which identifies specific recycled water customers. Currently, the City encourages the efficient use of potable water while raising awareness of alternative water sources such as recycled water.



Figure 9.1: Wastewater Treatment at Hyperion in El Segundo, CA

In addition, MWD developed a Regional Recycled Water Supply Program. MWD's Regional Water Supply Program is exploring the potential of a water purification project to beneficially reuse water currently discharged to the Pacific Ocean for recharge of regional groundwater basins. Under a partnership with the Los Angeles County Sanitation Districts, MWD will purify wastewater to produce high quality water that could be used again. The program started in 2019 with a demonstration facility costing \$17M. Once approved, the full-scale program will take 11 years to complete and cost \$3.4B. The program would also include a new purification plant and distribution lines to groundwater basins in Los Angeles and Orange counties including a basin within the City's service area. The Regional Water Supply Program would represent the first in-region production of water by MWD. Diversifying the region's water supply sources, advancing conservation and maintaining imported supplies are all part of MWD's long-term Integrated Water Resources Plan.



APPENDICES A - H

CITY OF SAN FERNANDO | 2020 URBAN WATER MANAGEMENT PLAN



Appendix A: UWMP Checklist

City of San Fernando | 2020 Urban Water Management Plan

Retail	Wholesale	2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
x	x	Chapter 1	10615	A plan shall describe and evaluate sources of supply, reasonable and practical efficient uses, reclamation and demand management activities.	Introduction and Overview	Section 1.4
x		Chapter 1	10630.5	Each plan shall include a simple description of the supplier's plan including water availability, future requirements, a strategy for meeting needs, and other pertinent information. Additionally, a supplier may also choose to include a simple description at the beginning of each chapter.	Summary	Section 1.4
x	x	Section 2.2	10620(b)	Every person that becomes an urban water supplier shall adopt an urban water management plan within one year after it has become an urban water supplier.	Plan Preparation	N/A
x	x	Section 2.6	10620(d)(2)	Coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.	Plan Preparation	Section 1.2
x	x	Section 2.6.2	10642	Provide supporting documentation that the water supplier has encouraged active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan and contingency plan.	Plan Preparation	Section 1.2
x		Section 2.6, Section 6.1	10631(h)	Retail suppliers will include documentation that they have provided their wholesale supplier(s) - if any - with water use projections from that source.	System Supplies	Section 2.4
x	x	Section 2.6	10631(h)	Wholesale suppliers will include documentation that they have provided their urban water suppliers with identification and quantification of the existing and planned sources of water available from the wholesale to the urban supplier during various water year types.	System Supplies	N/A
x	x	Section 3.1	10631(a)	Describe the water supplier service area.	System Description	Section 1.7
x	x	Section 3.3	10631(a)	Describe the climate of the service area of the supplier.	System Description	Section 1.8
x	x	Section 3.4	10631(a)	Provide population projections for 2025, 2030, 2035, 2040 and optionally 2045.	System Description	Section 1.9
x	x	Section 3.4.2	10631(a)	Describe other social, economic, and demographic factors affecting the supplier's water management planning.	System Description	Section 1.9
x	x	Sections 3.4 and 5.4	10631(a)	Indicate the current population of the service area.	System Description and Baselines and Targets	Section 1.9
x	x	Section 3.5	10631(a)	Describe the land uses within the service area.	System Description	Section 4.2 Section 4.3
x	x	Section 4.2	10631(d)(1)	Quantify past, current, and projected water use, identifying the uses among water use sectors.	System Water Use	Section 4.3
x	x	Section 4.2.4	10631(d)(3)(C)	Retail suppliers shall provide data to show the distribution loss standards were met.	System Water Use	Section 4.3
x	x	Section 4.2.6	10631(d)(4)(A)	In projected water use, include estimates of water savings from adopted codes, plans and other policies or laws.	System Water Use	Section 4.6
x	x	Section 4.2.6	10631(d)(4)(B)	Provide citations of codes, standards, ordinances, or plans used to make water use projections.	System Water Use	Section 4.6
x	optional	Section 4.3.2.4	10631(d)(3)(A)	Report the distribution system water loss for each of the 5 years preceding the plan update.	System Water Use	Section 4.3
x	optional	Section 4.4	10631.1(a)	Include projected water use needed for lower income housing projected in the service area of the supplier.	System Water Use	Section 4.6
x	x	Section 4.5	10635(b)	Demands under climate change considerations must be included as part of the drought risk assessment.	System Water Use	Section 8.2
x		Chapter 5	10608.20(e)	Retail suppliers shall provide baseline daily per capita water use, urban water use target, interim urban water use target, and compliance daily per capita water use, along with the bases for determining those estimates, including references to supporting data.	Baselines and Targets	Section 4.4
x		Chapter 5	10608.24(a)	Retail suppliers shall meet their water use target by December 31, 2020.	Baselines and Targets	Section 4.4
x		Section 5.1	10608.36	Wholesale suppliers shall include an assessment of present and proposed future measures, programs, and policies to help their retail water suppliers achieve targeted water use reductions.	Baselines and Targets	N/A
x		Section 5.2	10608.24(d)(2)	If the retail supplier adjusts its compliance GPCD using weather normalization, economic adjustment, or extraordinary events, it shall provide the basis for, and data supporting the adjustment.	Baselines and Targets	Section 4.4
x		Section 5.5	10608.22	Retail suppliers' per capita daily water use reduction shall be no less than 5 percent of base daily per capita water use of the 5 year baseline. This does not apply if the suppliers base GPCD is at or below 100.	Baselines and Targets	Section 4.4
x		Section 5.5 and Appendix E	10608.4	Retail suppliers shall report on their compliance in meeting their water use targets. The data shall be reported using a standardized form in the SBX7-7 2020 Compliance Form.	Baselines and Targets	Section 4.4
x	x	Sections 6.1 and 6.2	10631(b)(1)	Provide a discussion of anticipated supply availability under a normal, single dry year, and a drought lasting five years, as well as more frequent and severe periods of drought.	System Supplies	Section 6.5 Section 8.2
x	x	Sections 6.1	10631(b)(1)	Provide a discussion of anticipated supply availability under a normal, single dry year, and a drought lasting five years, as well as more frequent and severe periods of drought, including changes in supply due to climate change.	System Supplies	Section 6.5 Section 8.2
x	x	Section 6.1	10631(b)(2)	When multiple sources of water supply are identified, describe the management of each supply in relationship to other identified supplies.	System Supplies	Section 2.2
x	x	Section 6.1.1	10631(b)(3)	Describe measures taken to acquire and develop planned sources of water.	System Supplies	Section 2.2
x	x	Section 6.2.8	10631(b)	Identify and quantify the existing and planned sources of water available for 2020, 2025, 2030, 2035, 2040 and optionally 2045.	System Supplies	Section 2.4
x	x	Section 6.2	10631(b)	Indicate whether groundwater is an existing or planned source of water available to the supplier.	System Supplies	Section 2.2
x		Section 6.2.2	10631(b)(4)(A)	Indicate whether a groundwater sustainability plan or groundwater management plan has been adopted by the water supplier or if there is any other specific authorization for groundwater management. Include a copy of the plan or authorization.	System Supplies	Section 2.2
x	x	Section 6.2.2	10631(b)(4)(B)	Describe the groundwater basin.	System Supplies	Section 2.2
x	x	Section 6.2.2	10631(b)(4)(B)	Indicate if the basin has been adjudicated and include a copy of the court order or decree and a description of the amount of water the supplier has the legal right to pump.	System Supplies	Section 2.2 Appendix F
x	x	Section 6.2.2.1	10631(b)(4)(B)	For unadjudicated basins, indicate whether or not the department has identified the basin as a high or medium priority. Describe efforts by the supplier to coordinate with sustainability or groundwater agencies to achieve sustainable groundwater conditions.	System Supplies	N/A
x	x	Section 6.2.2.4	10631(b)(4)(C)	Provide a detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years	System Supplies	Section 2.2
x	x	Section 6.2.2	10631(b)(4)(D)	Provide a detailed description and analysis of the amount and location of groundwater that is projected to be pumped.	System Supplies	Section 2.4
x	x	Section 6.2.7	10631(c)	Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.	System Supplies	Section 2.6
x	x	Section 6.2.5	10633(b)	Describe the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.	System Supplies (Recycled Water)	Section 9.2
x	x	Section 6.2.5	10633(c)	Describe the recycled water currently being used in the supplier's service area.	System Supplies (Recycled Water)	Section 9.3
x	x	Section 6.2.5	10633(d)	Describe and quantify the potential uses of recycled water and provide a determination of the technical and economic feasibility of those uses.	System Supplies (Recycled Water)	Section 9.4
x		Section 6.2.5	10633(e)	Describe the projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected.	System Supplies (Recycled Water)	Section 9.3
x	x	Section 6.2.5	10633(f)	Describe the actions which may be taken to encourage the use of recycled water and the projected results of these actions in terms of acre-feet of recycled water used per year.	System Supplies (Recycled Water)	Section 9
x	x	Section 6.2.5	10633(g)	Provide a plan for optimizing the use of recycled water in the supplier's service area.	System Supplies (Recycled Water)	Section 9
x	x	Section 6.2.6	10631(g)	Describe desalinated water project opportunities for long-term supply.	System Supplies	Section 2.5
x	x	Section 6.2.5	10633(a)	Describe the wastewater collection and treatment systems in the supplier's service area with quantified amount of collection and treatment and the disposal methods.	System Supplies (Recycled Water)	Section 9.2
x		Section 6.2.8, Section 6.3.7	10631(f)	Describe the expected future water supply projects and programs that may be undertaken by the water supplier to address water supply reliability in average, single-dry, and for a period of drought lasting 5 consecutive water years.	System Supplies	Section 6.5 Section 8.2
x	x	Section 6.4 and Appendix O	10631.2(a)	The UWMP must include energy information, as stated in the code, that a supplier can readily obtain.	System Supplies, Energy Intensity	Section 2.8
x	x	Section 7.2	10634	Provide information on the quality of existing sources of water available to the supplier and the manner in which water quality affects water management strategies and supply reliability	Water Supply Reliability Assessment	Section 3.2
x	x	Section 7.2.4	10620(f)	Describe water management tools and options to maximize resources and minimize the need to import water from other regions.	Water Supply Reliability Assessment	Section 2.2 Section 8.2
x		Section 7.3	10635(a)	Service Reliability Assessment: Assess the water supply reliability during normal, dry, and a drought lasting five consecutive water years by comparing the total water supply sources available to the water supplier with the total projected water use over the next 20 years.	Water Supply Reliability Assessment	Section 6.5 Section 8.2
x	x	Section 7.3	10635(b)	Provide a drought risk assessment as part of information considered in developing the demand management measures and water supply projects.	Water Supply Reliability Assessment	Section 8.2
x	x	Section 7.3	10635(b)(1)	Include a description of the data, methodology, and basis for one or more supply shortage conditions that are necessary to conduct a drought risk assessment for a drought period that lasts 5 consecutive years.	Water Supply Reliability Assessment	Section 8.2
x	x	Section 7.3	10635(b)(2)	Include a determination of the reliability of each source of supply under a variety of water shortage conditions.	Water Supply Reliability Assessment	Section 6.5
x	x	Section 7.3	10635(b)(3)	Include a comparison of the total water supply sources available to the water supplier with the total projected water use for the drought period.	Water Supply Reliability Assessment	Section 6.5

Retail	Wholesale	2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
x	x	Section 7.3	10635(b)(4)	Include considerations of the historical drought hydrology, plausible changes on projected supplies and demands under climate change conditions, anticipated regulatory changes, and other locally applicable criteria.	Water Supply Reliability Assessment	Section 6.5 Section 6.6
x	x	Chapter 8	10632(a)	Provide a water shortage contingency plan (WSCP) with specified elements below.	Water Shortage Contingency Planning	Section 8
x	x	Chapter 8	10632(a)(1)	Provide the analysis of water supply reliability (from Chapter 7 of Guidebook) in the WSCP	Water Shortage Contingency Planning	Section 8.2
x	x	Section 8.10	10632(a)(10)	Describe reevaluation and improvement procedures for monitoring and evaluation the water shortage contingency plan to ensure risk tolerance is adequate and appropriate water shortage mitigation strategies are implemented.	Water Shortage Contingency Planning	Section 8.3
x	x	Section 8.2	10632(a)(2)(A)	Provide the written decision-making process and other methods that the supplier will use each year to determine its water reliability.	Water Shortage Contingency Planning	Section 8.3
x	x	Section 8.2	10632(a)(2)(B)	Provide data and methodology to evaluate the supplier's water reliability for the current year and one dry year pursuant to factors in the code.	Water Shortage Contingency Planning	Section 8.3
x	x	Section 8.3	10632(a)(3)(A)	Define six standard water shortage levels of 10, 20, 30, 40, 50 percent shortage and greater than 50 percent shortage. These levels shall be based on supply conditions, including percent reductions in supply, changes in groundwater levels, changes in surface elevation, or other conditions. The shortage levels shall also apply to a catastrophic interruption of supply.	Water Shortage Contingency Planning	Section 8.4
x	x	Section 8.3	10632(a)(3)(B)	Suppliers with an existing water shortage contingency plan that uses different water shortage levels must cross reference their categories with the six standard categories.	Water Shortage Contingency Planning	Section 8.4
x	x	Section 8.4	10632(a)(4)(A)	Suppliers with water shortage contingency plans that align with the defined shortage levels must specify locally appropriate supply augmentation actions.	Water Shortage Contingency Planning	Section 8.4
x	x	Section 8.4	10632(a)(4)(B)	Specify locally appropriate demand reduction actions to adequately respond to shortages.	Water Shortage Contingency Planning	Section 8.4
x	x	Section 8.4	10632(a)(4)(C)	Specify locally appropriate operational changes.	Water Shortage Contingency Planning	Section 8.4
x	x	Section 8.4	10632(a)(4)(D)	Specify additional mandatory prohibitions against specific water use practices that are in addition to state-mandated prohibitions are appropriate to local conditions.	Water Shortage Contingency Planning	Section 8.4 Appendix G
x	x	Section 8.4	10632(a)(4)(E)	Estimate the extent to which the gap between supplies and demand will be reduced by implementation of the action.	Water Shortage Contingency Planning	Section 8.4
x	x	Section 8.4.6	10632.5	The plan shall include a seismic risk assessment and mitigation plan.	Water Shortage Contingency Plan	Section 8.4
x	x	Section 8.5	10632(a)(5)(A)	Suppliers must describe that they will inform customers, the public and others regarding any current or predicted water shortages.	Water Shortage Contingency Planning	Section 8.5
x	x	Section 8.5 and 8.6	10632(a)(5)(B) 10632(a)(5)(C)	Suppliers must describe that they will inform customers, the public and others regarding any shortage response actions triggered or anticipated to be triggered and other relevant communications.	Water Shortage Contingency Planning	Section 8.5
x		Section 8.6	10632(a)(6)	Retail supplier must describe how it will ensure compliance with and enforce provisions of the WSCP.	Water Shortage Contingency Planning	Section 8.6
x		Section 8.7	10632(a)(7)(A)	Describe the legal authority that empowers the supplier to enforce shortage response actions.	Water Shortage Contingency Planning	Section 8.7
x	x	Section 8.7	10632(a)(7)(B)	Provide a statement that the supplier will declare a water shortage emergency Water Code Chapter 3.	Water Shortage Contingency Planning	Section 8.7
x	x	Section 8.7	10632(a)(7)(C)	Provide a statement that the supplier will coordinate with any city or county within which it provides water for the possible proclamation of a local emergency.	Water Shortage Contingency Planning	Section 8.7
x	x	Section 8.8	10632(a)(8)(B)	Describe the potential revenue reductions and expense increases associated with activated shortage response actions.	Water Shortage Contingency Planning	Section 8.8
x	x	Section 8.8	10632(a)(8)(B)	Provide a description of mitigation actions needed to address revenue reductions and expense increases associated with activated shortage response actions.	Water Shortage Contingency Planning	Section 8.8
x		Section 8.8	10632(a)(8)(C)	Retail suppliers must describe the cost of compliance with Water Code Chapter 3.3: Excessive Residential Water Use During Drought.	Water Shortage Contingency Planning	Section 8.8
x		Section 8.9	10632(a)(9)	Retail suppliers must describe the monitoring and reporting requirements and procedures that ensure appropriate data is collected, tracked, and analyzed for purposes of monitoring customer compliance.	Water Shortage Contingency Planning	Section 8.9
x		Section 8.11	10632(b)	Analyze and define water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas.	Water Shortage Contingency Planning	Section 8.10
x	x	Sections 8.12 and 10.4	10635(c)	Provide supporting documentation that Water Shortage Contingency Plan has been, or will be, provided to any city or county within which it provides water, no later than 30 days after the submission of the plan to DWR.	Plan Adoption, Submittal, and Implementation	Section 8.11
x	x	Section 8.12	10632(c)	Make available the Water Shortage Contingency Plan to customers and any city or county where it provides water within 30 after adopted the plan.	Water Shortage Contingency Planning	Section 8.11
	x	Sections 9.1 and 9.3	10631(e)(2)	Wholesale suppliers shall describe specific demand management measures listed in code, their distribution system asset management program, and supplier assistance program.	Demand Management Measures	N/A
x		Sections 9.2 and 9.3	10631(e)(1)	Retail suppliers shall provide a description of the nature and extent of each demand management measure implemented over the past five years. The description will address specific measures listed in code.	Demand Management Measures	Section 7
x		Chapter 10	10608.26(a)	Retail suppliers shall conduct a public hearing to discuss adoption, implementation, and economic impact of water use targets (recommended to discuss compliance).	Plan Adoption, Submittal, and Implementation	Section 1.2
x	x	Section 10.2.1	10621(b)	Notify, at least 60 days prior to the public hearing, any city or county within which the supplier provides water that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. Reported in Table 10-1.	Plan Adoption, Submittal, and Implementation	Section 1.2 Appendix C
x	x	Section 10.4	10621(f)	Each urban water supplier shall update and submit its 2020 plan to the department by July 1, 2021.	Plan Adoption, Submittal, and Implementation	Section 1.2
x	x	Sections 10.2.2, 10.3, and 10.5	10642	Provide supporting documentation that the urban water supplier made the plan and contingency plan available for public inspection, published notice of the public hearing, and held a public hearing about the plan and contingency plan.	Plan Adoption, Submittal, and Implementation	Section 1.2 Appendix D
x	x	Section 10.2.2	10642	The water supplier is to provide the time and place of the hearing to any city or county within which the supplier provides water.	Plan Adoption, Submittal, and Implementation	Section 1.2
x	x	Section 10.3.2	10642	Provide supporting documentation that the plan and contingency plan has been adopted as prepared or modified.	Plan Adoption, Submittal, and Implementation	Appendix E
x	x	Section 10.4	10644(a)	Provide supporting documentation that the urban water supplier has submitted this UWMP to the California State Library.	Plan Adoption, Submittal, and Implementation	Section 1.2
x	x	Section 10.4	10644(a)(1)	Provide supporting documentation that the urban water supplier has submitted this UWMP to any city or county within which the supplier provides water no later than 30 days after adoption.	Plan Adoption, Submittal, and Implementation	Section 1.2
x	x	Sections 10.4.1 and 10.4.2	10644(a)(2)	The plan, or amendments to the plan, submitted to the department shall be submitted electronically.	Plan Adoption, Submittal, and Implementation	Section 1.2
x	x	Section 10.5	10645(a)	Provide supporting documentation that, not later than 30 days after filing a copy of its plan with the department, the supplier has or will make the plan available for public review during normal business hours.	Plan Adoption, Submittal, and Implementation	Section 1.2
x	x	Section 10.5	10645(b)	Provide supporting documentation that, not later than 30 days after filing a copy of its water shortage contingency plan with the department, the supplier has or will make the plan available for public review during normal business hours.	Plan Adoption, Submittal, and Implementation	Section 1.2
x	x	Section 10.6	10621(c)	If supplier is regulated by the Public Utilities Commission, include its plan and contingency plan as part of its general rate case filings.	Plan Adoption, Submittal, and Implementation	N/A
x	x	Section 10.7.2	10644(b)	If revised, submit a copy of the water shortage contingency plan to DWR within 30 days of adoption.	Plan Adoption, Submittal, and Implementation	Section 1.2



Appendix B: DWR Submittal Tables

City of San Fernando | 2020 Urban Water Management Plan

DWR Submittal Tables – 2020 UWMP

Submittal Table 2-1 Retail Only: Public Water Systems			
Public Water System Number	Public Water System Name	Number of Municipal Connections 2020	Volume of Water Supplied 2020 *
Add additional rows as needed			
CA1910143	City of San Fernando	5,238	2,862
TOTAL		5,238	2,862
* Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.			
NOTES:			

Submittal Table 2-2: Plan Identification		
Select Only One	Type of Plan	Name of RUWMP or Regional Alliance <i>if applicable</i> (select from drop down list)
<input checked="" type="checkbox"/>	Individual UWMP	
	<input type="checkbox"/> Water Supplier is also a member of a RUWMP	
	<input type="checkbox"/> Water Supplier is also a member of a Regional Alliance	
<input type="checkbox"/>	Regional Urban Water Management Plan (RUWMP)	
NOTES:		

Submittal Table 2-3: Supplier Identification	
Type of Supplier (select one or both)	
<input type="checkbox"/>	Supplier is a wholesaler
<input checked="" type="checkbox"/>	Supplier is a retailer
Fiscal or Calendar Year (select one)	
<input checked="" type="checkbox"/>	UWMP Tables are in calendar years
<input type="checkbox"/>	UWMP Tables are in fiscal years
If using fiscal years provide month and date that the fiscal year begins (mm/dd)	
Units of measure used in UWMP * (select from drop down)	
Unit	AF
* Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.	
NOTES:	

Submittal Table 2-4 Retail: Water Supplier Information Exchange
The retail Supplier has informed the following wholesale supplier(s) of projected water use in accordance with Water Code Section 10631.
Wholesale Water Supplier Name
<i>Add additional rows as needed</i>
Metropolitan Water District of Southern California
NOTES:

Submittal Table 3-1 Retail: Population - Current and Projected						
Population Served	2020	2025	2030	2035	2040	2045(opt)
	25,207	25,637	26,075	26,521	26,974	27,434
NOTES:						

Submittal Table 4-1 Retail: Demands for Potable and Non-Potable ¹ Water - Actual			
Use Type	2020 Actual		
Drop down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool	Additional Description (as needed)	Level of Treatment When Delivered Drop down list	Volume ²
Add additional rows as needed			
Single Family		Drinking Water	1,411
Multi-Family		Drinking Water	451
Commercial		Drinking Water	317
Institutional/Governmental		Drinking Water	173
Industrial		Drinking Water	211
Landscape		Drinking Water	87
Losses	Unaccounted Water	Drinking Water	212
TOTAL			2,862
¹ Recycled water demands are NOT reported in this table. Recycled water demands are reported in Table 6-4. ² Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.			
NOTES:			

Submittal Table 4-2 Retail: Use for Potable and Non-Potable¹ Water - Projected

Use Type	Additional Description (as needed)	Projected Water Use ² <i>Report To the Extent that Records are Available</i>				
<u>Drop down list</u> May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool		2025	2030	2035	2040	2045 (opt)
Add additional rows as needed						
Single Family		1,412	1,436	1,460	1,485	1,511
Multi-Family		442	449	457	465	473
Commercial		352	358	364	370	376
Institutional/Governmental		146	148	151	153	156
Industrial		224	228	232	236	240
Landscape		96	97	99	101	102
Losses	Unaccounted Water	240	244	248	252	257
TOTAL		2,910	2,960	3,011	3,062	3,114

¹ Recycled water demands are NOT reported in this table. Recycled water demands are reported in Table 6-4.
 Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.

NOTES:

Submittal Table 4-3 Retail: Total Water Use (Potable and Non-Potable)

	2020	2025	2030	2035	2040	2045 (opt)
Potable Water, Raw, Other Non-potable <i>From Tables 4-1R and 4-2 R</i>	2,862	2,910	2,960	3,011	3,062	3,114
Recycled Water Demand ¹ <i>From Table 6-4</i>	0	0	0	0	0	0
Optional Deduction of Recycled Water Put Into Long-Term Storage ²	0	0	0	0	0	0
TOTAL WATER USE	2,862	2,910	2,960	3,011	3,062	3,114

¹ Recycled water demand fields will be blank until Table 6-4 is complete

² Long term storage means water placed into groundwater or surface storage that is not removed from storage in the same year. Supplier **may** deduct recycled water placed in long-term storage from their reported demand. This value is manually entered into Table 4-3.

NOTES:

Submittal Table 4-4 Retail: Last Five Years of Water Loss Audit Reporting	
Reporting Period Start Date (mm/yyyy)	Volume of Water Loss ^{1,2}
05/2015	152.475
01/2017	288.573
01/2018	193.138
01/2019	159.846
01/2020	212.000
¹ Taken from the field "Water Losses" (a combination of apparent losses and real losses) from the AWWA worksheet. ² Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.	
NOTES:	

Submittal Table 4-5 Retail Only: Inclusion in Water Use Projections	
Are Future Water Savings Included in Projections? (Refer to Appendix K of UWMP Guidebook) <i>Drop down list (y/n)</i>	No
If "Yes" to above, state the section or page number, in the cell to the right, where citations of the codes, ordinances, or otherwise are utilized in demand projections are found.	
Are Lower Income Residential Demands Included In Projections? <i>Drop down list (y/n)</i>	Yes
NOTES:	

Submittal Table 5-1 Baselines and Targets Summary
From SB X7-7 Verification Form

Retail Supplier or Regional Alliance Only

Baseline Period	Start Year *	End Year *	Average Baseline GPCD*	Confirmed 2020 Target*
10-15 year	1995	2004	141	134
5 Year	2003	2007	141	

**All cells in this table should be populated manually from the supplier's SBX7-7 Verification Form and reported in Gallons per Capita per Day (GPCD)*

NOTES:

Submittal Table 5-2: 2020 Compliance
From SB X7-7 2020 Compliance Form

Retail Supplier or Regional Alliance Only

2020 GPCD			2020 Confirmed Target GPCD*	Did Supplier Achieve Targeted Reduction for 2020? Y/N
Actual 2020 GPCD*	2020 TOTAL Adjustments*	Adjusted 2020 GPCD* (Adjusted if applicable)		
101	0	101	134	YES

**All cells in this table should be populated manually from the supplier's SBX7-7 2020 Compliance Form and reported in Gallons per Capita per Day (GPCD)*

NOTES:

Submittal Table 6-1 Retail: Groundwater Volume Pumped						
<input type="checkbox"/>	Supplier does not pump groundwater. The supplier will not complete the table below.					
<input type="checkbox"/>	All or part of the groundwater described below is desalinated.					
Groundwater Type <i>Drop Down List</i> May use each category multiple times	Location or Basin Name	2016*	2017*	2018*	2019*	2020*
Add additional rows as needed						
Alluvial Basin	Sylmar Groundwater Basin	2,766	2,842	2,845	2,725	2,862
TOTAL		2,766	2,842	2,845	2,725	2,862
* Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.						
NOTES:						

Submittal Table 6-2 Retail: Wastewater Collected Within Service Area in 2020						
<input type="checkbox"/>	There is no wastewater collection system. The supplier will not complete the table below.					
	Percentage of 2020 service area covered by wastewater collection system (optional)					
	Percentage of 2020 service area population covered by wastewater collection system (optional)					
Wastewater Collection			Recipient of Collected Wastewater			
Name of Wastewater Collection Agency	Wastewater Volume Metered or Estimated? <i>Drop Down List</i>	Volume of Wastewater Collected from UWMP Service Area 2020 *	Name of Wastewater Treatment Agency Receiving Collected Wastewater	Treatment Plant Name	Is WWTP Located Within UWMP Area? <i>Drop Down List</i>	Is WWTP Operation Contracted to a Third Party? (optional) <i>Drop Down List</i>
City of Los Angeles	Estimated	2,541	Los Angeles County Sanitation District	Hyperion Treatment Plant	No	No
Total Wastewater Collected from Service Area in 2020:		2,541				
* Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3 .						
NOTES: Per City of Los Angeles Bureau of Engineering, average per wastewater flow in the Los Angeles area is estimated at 90 GPCD. This average is used to estimate the wastewater volumes generated by the City.						

Submittal Table 6-3 Retail: Wastewater Treatment and Discharge Within Service Area in 2020											
<input checked="" type="checkbox"/> No wastewater is treated or disposed of within the UWMP service area. The supplier will not complete the table below.											
Wastewater Treatment Plant Name	Discharge Location Name or Identifier	Discharge Location Description	Wastewater Discharge ID Number (optional) ²	Method of Disposal <i>Drop down list</i>	Does This Plant Treat Wastewater Generated Outside the Service Area? <i>Drop down list</i>	Treatment Level <i>Drop down list</i>	2020 volumes ¹				
							Wastewater Treated	Discharged Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area	Instream Flow Permit Requirement
Total							0	0	0	0	0

¹ Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.

² If the **Wastewater Discharge ID Number** is not available to the UWMP preparer, access the SWRCB CIWQS regulated facility website at <https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/CIWqsReportServlet?inCommand=reset&reportName=RegulatedFacility>

NOTES:

Submittal Table 6-4 Retail: Recycled Water Direct Beneficial Uses Within Service Area										
<input checked="" type="checkbox"/> Recycled water is not used and is not planned for use within the service area of the supplier. The supplier will not complete the table below.										
Name of Supplier Producing (Treating) the Recycled Water:										
Name of Supplier Operating the Recycled Water Distribution System:										
Supplemental Water Added in 2020 (volume) <i>Include units</i>										
Source of 2020 Supplemental Water										
Beneficial Use Type <i>Insert additional rows if needed.</i>	Potential Beneficial Uses of Recycled Water (Describe)	Amount of Potential Uses of Recycled Water (Quantity) <i>Include volume units ¹</i>	General Description of 2020 Uses	Level of Treatment <i>Drop down list</i>	2020 ¹	2025 ¹	2030 ¹	2035 ¹	2040 ¹	2045 ¹ (opt)
Agricultural irrigation										
Landscape irrigation (exc golf courses)										
Golf course irrigation										
Commercial use										
Industrial use										
Geothermal and other energy production										
Seawater intrusion barrier										
Recreational impoundment										
Wetlands or wildlife habitat										
Groundwater recharge (IPR)										
Reservoir water augmentation (IPR)										
Direct potable reuse										
Other (Description Required)										
Total:					0	0	0	0	0	0
2020 Internal Reuse										

¹ Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.

NOTES:

Submittal Table 6-5 Retail: 2015 UWMP Recycled Water Use Projection Compared to 2020 Actual

<input checked="checked" type="checkbox"/>	Recycled water was not used in 2015 nor projected for use in 2020. The supplier will not complete the table below. If recycled water was not used in 2020, and was not predicted to be in 2015, then check the box and do not complete the table.	
Beneficial Use Type	2015 Projection for 2020 ¹	2020 Actual Use ¹
<i>Insert additional rows as needed.</i>		
Agricultural irrigation		
Landscape irrigation (exc golf courses)		
Golf course irrigation		
Commercial use		
Industrial use		
Geothermal and other energy production		
Seawater intrusion barrier		
Recreational impoundment		
Wetlands or wildlife habitat		
Groundwater recharge (IPR)		
Reservoir water augmentation (IPR)		
Direct potable reuse		
Other (Description Required)		
Total	0	0
¹ Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.		
NOTE:		

Submittal Table 6-6 Retail: Methods to Expand Future Recycled Water Use			
<input checked="" type="checkbox"/>	Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation.		
Section 9	Provide page location of narrative in UWMP		
Name of Action	Description	Planned Implementation Year	Expected Increase in Recycled Water Use *
Add additional rows as needed			
Total			0
*Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.			
NOTES:			

Submittal Table 6-7 Retail: Expected Future Water Supply Projects or Programs						
<input type="checkbox"/>	No expected future water supply projects or programs that provide a quantifiable increase to the agency's water supply. Supplier will not complete the table below.					
<input checked="" type="checkbox"/>	Some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.					
Section 2	Provide page location of narrative in the UWMP					
Name of Future Projects or Programs	Joint Project with other suppliers?		Description (if needed)	Planned Implementation Year	Planned for Use in Year Type <i>Drop Down List</i>	Expected Increase in Water Supply to Supplier* <i>This may be a range</i>
	<i>Drop Down List (y/n)</i>	<i>If Yes, Supplier Name</i>				
Add additional rows as needed						
*Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.						
NOTES:						

Submittal Table 6-8 Retail: Water Supplies — Actual

Water Supply	Additional Detail on Water Supply	2020		
Drop down list May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool		Actual Volume*	Water Quality Drop Down List	Total Right or Safe Yield* (optional)
Add additional rows as needed				
Purchased or Imported Water	MWD	0	Drinking Water	629
Groundwater (not desalinated)	Sylmar Groundwater Basin	2,862	Drinking Water	3,570
Total		2,862		4,199
*Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.				
NOTES:				

Submittal Table 6-9 Retail: Water Supplies — Projected

Water Supply		Projected Water Supply * Report To the Extent Practicable									
Drop down list <small>May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool</small>	Additional Detail on Water Supply	2025		2030		2035		2040		2045 (opt)	
		Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)	Reasonably Available Volume	Total Right or Safe Yield (optional)
<small>Add additional rows as needed</small>											
Purchased or Imported Water	MWD	629		629		629		629		629	
Groundwater (not desalinated)	Sylmar Basin	3,570		3,570		3,570		3,570		3,570	
	Total	4,199	0	4,199	0	4,199	0	4,199	0	4,199	0
<small>*Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.</small>											
NOTES											

Submittal Table 7-1 Retail: Basis of Water Year Data (Reliability Assessment)				
Year Type	Base Year If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 2019-2020, use 2020	Available Supplies if Year Type Repeats		
		<input checked="" type="checkbox"/>	Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP. Location <u>Section 6.5.2</u>	
		<input type="checkbox"/>	Quantification of available supplies is provided in this table as either volume only, percent only, or both.	
		Volume Available *		% of Average Supply
Average Year				100%
Single-Dry Year				
Consecutive Dry Years 1st Year				
Consecutive Dry Years 2nd Year				
Consecutive Dry Years 3rd Year				
Consecutive Dry Years 4th Year				
Consecutive Dry Years 5th Year				
<p><i>Supplier may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If a Supplier uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of Table 7-1 are being used and identify the particular water source that is being reported in each table.</i></p>				
<p>*Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.</p>				
NOTES:				

Submittal Table 7-2 Retail: Normal Year Supply and Demand Comparison					
	2025	2030	2035	2040	2045 (Opt)
Supply totals (autofill from Table 6-9)	4,199	4,199	4,199	4,199	4,199
Demand totals (autofill from Table 4-3)	2,910	2,960	3,011	3,062	3,114
Difference	1,289	1,239	1,188	1,137	1,085
NOTES:					

Submittal Table 7-3 Retail: Single Dry Year Supply and Demand Comparison					
	2025	2030	2035	2040	2045 (Opt)
Supply totals*	3,570	3,570	3,570	3,570	3,570
Demand totals*	3,273	3,329	3,386	3,444	3,503
Difference	297	241	184	126	67
<i>*Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.</i>					
NOTES:					

Submittal Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison

		2025*	2030*	2035*	2040*	2045* (Opt)
First year	Supply totals	3,570	3,570	3,570	3,570	3,570
	Demand totals	3,238	3,293	3,349	3,406	3,465
	Difference	332	277	221	164	105
Second year	Supply totals	3,570	3,570	3,570	3,570	3,570
	Demand totals	3,443	3,502	3,562	3,623	3,684
	Difference	127	68	8	(53)	(114)
Third year	Supply totals	3,570	3,570	3,570	3,570	3,570
	Demand totals	3,535	3,595	3,656	3,719	3,782
	Difference	35	(25)	(86)	(149)	(212)
Fourth year	Supply totals	3,570	3,570	3,570	3,570	3,570
	Demand totals	3,358	3,416	3,474	3,533	3,594
	Difference	212	154	96	37	(24)
Fifth year	Supply totals	3,570	3,570	3,570	3,570	3,570
	Demand totals	2,892	2,942	2,992	3,043	3,095
	Difference	678	628	578	527	475
Sixth year (optional)	Supply totals					
	Demand totals					
	Difference	0	0	0	0	0

**Units of measure (AF, CCF, MG) must remain consistent throughout the UWMP as reported in Table 2-3.*

NOTES:

Submittal Table 7-5: Five-Year Drought Risk Assessment Tables to address Water Code Section 10635(b)

2021	Total
Total Water Use	2,871
Total Supplies	3,570
Surplus/Shortfall w/o WSCP Action	699
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	0
WSCP - use reduction savings benefit	0
Revised Surplus/(shortfall)	699
Resulting % Use Reduction from WSCP action	0%

2022	Total
Total Water Use	2,881
Total Supplies	3,570
Surplus/Shortfall w/o WSCP Action	689
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	0
WSCP - use reduction savings benefit	0
Revised Surplus/(shortfall)	689
Resulting % Use Reduction from WSCP action	0%

2023	Total
Total Water Use	2,891
Total Supplies	3,570
Surplus/Shortfall w/o WSCP Action	679
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	0
WSCP - use reduction savings benefit	0
Revised Surplus/(shortfall)	679
Resulting % Use Reduction from WSCP action	0%

2024	Total
Total Water Use	2,900
Total Supplies	3,570
Surplus/Shortfall w/o WSCP Action	670
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	0
WSCP - use reduction savings benefit	0
Revised Surplus/(shortfall)	670
Resulting % Use Reduction from WSCP action	0%

2025	Total
Total Water Use	2,910
Total Supplies	3,570
Surplus/Shortfall w/o WSCP Action	660
Planned WSCP Actions (use reduction and supply augmentation)	
WSCP - supply augmentation benefit	0
WSCP - use reduction savings benefit	0
Revised Surplus/(shortfall)	660
Resulting % Use Reduction from WSCP action	0%

Submittal Table 8-1
Water Shortage Contingency Plan Levels

Shortage Level	Percent Shortage Range	Shortage Response Actions <i>(Narrative description)</i>
1	Up to 10%	San Fernando Stage Phase I - Voluntary (up to 10%)
2	Up to 20%	San Fernando Stage Phase II - Mandatory (up to 20%)
3	Up to 30%	San Fernando Stage Phase III - Mandatory (up to 50% or greater)
4	Up to 40%	San Fernando Stage Phase III - Mandatory (up to 50% or greater)
5	Up to 50%	San Fernando Stage Phase III - Mandatory (up to 50% or greater)
6	>50%	San Fernando Stage Phase III - Mandatory (up to 50% or greater)

NOTES:

Submittal Table 8-2: Demand Reduction Actions				
Shortage Level	Demand Reduction Actions <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.</i>	How much is this going to reduce the shortage gap? <i>Include units used (volume type or percentage)</i>	Additional Explanation or Reference <i>(optional)</i>	Penalty, Charge, or Other Enforcement? <i>For Retail Suppliers Only</i> <i>Drop Down List</i>
Add additional rows as needed				
Shortage Level 1	Other	Reduction of 10% to over 50% depending on the City's Shortage Level	No person shall cause or permit any water furnished to any property within the city to run or to escape from any hose, pipe, valve, faucet, sprinkler or irrigation device into any gutter or otherwise to escape from the property if such running or escaping can reasonably be prevented.	Yes
Shortage Level 1	Other - Prohibit use of potable water for washing hard surfaces	Reduction of 10% to over 50% depending on the City's Shortage Level	No person shall use any water furnished to any property within the city to wash sidewalks, walks, driveways and parking lots by hosing.	Yes
Shortage Level 1	Landscape - Limit landscape irrigation to specific times	Reduction of 10% to over 50% depending on the City's Shortage Level	No person shall water or irrigate any shrubbery, trees, lawns, grass, ground covers, plants, vines, gardens, vegetables, flowers or other vegetation between the hours of 10:00 a.m. and 5:00 p.m. No water users shall cause or allow the water to run off landscaped areas into adjoining streets, sidewalks or other paved areas due to incorrectly directed or maintained sprinklers or excessive watering.	Yes
Shortage Level 1	Water Features - Restrict water use for decorative water features, such as fountains	Reduction of 10% to over 50% depending on the City's Shortage Level	No person shall refill any fountain, pool or other facility containing water solely for ornamental purposes emptied during the effectiveness of this division.	Yes
Shortage Level 1	Other	Reduction of 10% to over 50% depending on the City's Shortage Level	No person shall permit leaks of water which he has the authority to eliminate.	Yes
Shortage Level 1	CII - Restaurants may only serve water upon request	Reduction of 10% to over 50% depending on the City's Shortage Level	Restaurants shall only serve water to customers upon request.	Yes
Shortage Level 1	Other	Reduction of 10% to over 50% depending on the City's Shortage Level	Washing of motor vehicles, trailers, boats and other types of equipment shall be done only with a hand-held bucket or a hose equipped with a positive shutoff nozzle for quick rinses, except that washing may be done with reclaimed wastewater, or by a commercial car wash using recycled water.	Yes
Shortage Level 1	Landscape - Other landscape restriction or prohibition	Reduction of 10% to over 50% depending on the City's Shortage Level	All lawns, landscaped or other turf area shall be watered not more often than every other day and with watering only during the hours between 5:00 p.m. and 10:00 a.m., with even-numbered addresses watering on even-numbered days of the month and odd-numbered addresses watering on odd-numbered days of the month. This provision shall apply to residential, commercial, industrial and public agencies but shall not apply to commercial nurseries, golf courses and other water-dependent industries.	Yes
Shortage Level 1	Other	Reduction of 10% to over 50% depending on the City's Shortage Level	No person shall cause or permit water under his control to be wasted.	Yes
Shortage Level 3	Landscape - Other landscape restriction or prohibition	Reduction of 20% to over 50%	Restrictions on watering lawns, landscaped or other turf areas shall be modified to prohibit watering more often than every third day in a schedule to be set by the public works director, with watering only during the hours of 5:00 p.m. and 10:00 a.m.	Yes
Shortage Level 3	Landscape - Other landscape restriction or prohibition	Reduction of 20% to over 50%	Commercial nurseries and other water-dependent industries shall be prohibited from watering lawn, landscaped and other turf areas more often than every third day on a schedule to be determined by the public works director, and shall water only during the hours between 5:00 p.m. and 10:00 a.m.	Yes
Shortage Level 3	Other - Prohibit use of potable water for construction and dust control	Reduction of 20% to over 50%	Water used on a one-time basis for purposes such as construction and dust control, shall be limited to that quantity identified in a plan submitted by the user which describes water use requirements. The plan shall be submitted to the city for approval. Water sources other than potable water shall be utilized where available.	Yes
Shortage Level 3	Other	Reduction of 20% to over 50%	The use of water from fire hydrants shall be limited to fire fighting and related activities and other uses of water for municipal purposes shall be limited to activities necessary to maintain the public health, safety and welfare.	Yes
NOTES: Demand reductions for Shortage Level 1 is applicable to all stages unless a more restrictive mandate is in place.				

Submittal Table 8-3: Supply Augmentation and Other Actions			
Shortage Level	Supply Augmentation Methods and Other Actions by Water Supplier <i>Drop down list</i> <i>These are the only categories that will be accepted by the WUdata online submittal tool</i>	How much is this going to reduce the shortage gap? <i>Include units used (volume type or percentage)</i>	Additional Explanation or Reference <i>(optional)</i>
<i>Add additional rows as needed</i>			
Shortage Level 1	Expand Public Information Campaign	Reduction of 10% to over 50%	
Shortage Level 1	Other Actions (describe)	Reduction of 10% to over 50%	Rebate Programs
NOTES: Above actions are applicable to all of the City's shortage levels (1-3).			

Submittal Table 10-1 Retail: Notification to Cities and Counties		
City Name	60 Day Notice	Notice of Public Hearing
<i>Add additional rows as needed</i>		
City of San Fernando	Yes	Yes
City of Los Angeles	Yes	Yes
County Name <i>Drop Down List</i>	60 Day Notice	Notice of Public Hearing
<i>Add additional rows as needed</i>		
Los Angeles County	Yes	Yes
NOTES:		

Energy Intensity Tables – 2020 UWMP

Urban Water Supplier:

City of San Fernando

Water Delivery Product (If delivering more than one type of product use Table O-1C)

Retail Potable Deliveries

Table O-1B: Recommended Energy Reporting - Total Utility Approach

Enter Start Date for Reporting Period	1/1/2020	Urban Water Supplier Operational Control		
End Date	12/31/2020			
<input type="checkbox"/> Is upstream embedded in the values reported?		Sum of All Water Management Processes	Non-Consequential Hydropower	
Water Volume Units Used	AF	Total Utility	Hydropower	Net Utility
Volume of Water Entering Process (volume unit)		2861.89	0	2861.89
Energy Consumed (kWh)		2257920	0	2257920
Energy Intensity (kWh/vol. converted to MG)		2421.2	#DIV/0!	2421.2

Quantity of Self-Generated Renewable Energy

0 kWh

Data Quality (Estimate, Metered Data, Combination of Estimates and Metered Data)

Metered Data

Data Quality Narrative:

Volume shown is based on total water volume delivered. All water volumes are metered. Total Water in process is 2,862 AF. Energy consumption is based on wall water related facilities within the City's system. Energy data is metered and obtained from SCE. Total energy usage is 2,257,920 kWh.

Narrative:

Energy Intensity is based on the total energy consumption and total water volume. Per Energy Use Excel, Energy Intensity is converted to units of kWh/MG. The City's combined energy intensity is 2,421 kWh/MG.

SBx7-7 2020 Compliance Tables – 2020 UWMP

SB X7-7 Table 0: Units of Measure Used in 2020 UWMP**(select one from the drop down list)*

Acre Feet

**The unit of measure must be consistent throughout the UWMP, as reported in Submittal Table 2-3.*

NOTES:

SB X7-7 Table 2: Method for 2020 Population Estimate**Method Used to Determine 2020 Population**

(may check more than one)

**1. Department of Finance (DOF) or
American Community Survey (ACS)****2. Persons-per-Connection Method****3. DWR Population Tool****4. Other**
DWR recommends pre-review

NOTES:

SB X7-7 Table 3: 2020 Service Area Population**2020 Compliance Year Population****2020**

25,207

NOTES:

SB X7-7 Table 4: 2020 Gross Water Use

Compliance Year 2020	2020 Volume Into Distribution System <i>This column will remain blank until SB X7-7 Table 4-A is completed.</i>	2020 Deductions					2020 Gross Water Use
		Exported Water *	Change in Dist. System Storage* (+/-)	Indirect Recycled Water <i>This column will remain blank until SB X7-7 Table 4-B is completed.</i>	Water Delivered for Agricultural Use*	Process Water <i>This column will remain blank until SB X7-7 Table 4-D is completed.</i>	
	2,862			-		-	2,862

* **Units of measure (AF, MG , or CCF)** must remain consistent throughout the UWMP, as reported in SB X7-7 Table 0 and Submittal Table 2-3.

NOTES:

SB X7-7 Table 4-A: 2020 Volume Entering the Distribution System(s), Meter Error Adjustment

Complete one table for each source.

Name of Source		Groundwater		
This water source is (check one) :				
<input checked="" type="checkbox"/>	The supplier's own water source			
<input type="checkbox"/>	A purchased or imported source			
Compliance Year 2020	Volume Entering Distribution System ¹	Meter Error Adjustment ² <i>Optional</i> (+/-)	Corrected Volume Entering Distribution System	
	2,862	-	2,862	

¹ **Units of measure (AF, MG , or CCF)** must remain consistent throughout the UWMP, as reported in SB X7-7 Table 0 and Submittal Table 2-3.

² **Meter Error Adjustment** - See guidance in Methodology 1, Step 3 of Methodologies Document

NOTES

SB X7-7 Table 5: 2020 Gallons Per Capita Per Day (GPCD)

2020 Gross Water <i>Fm SB X7-7 Table 4</i>	2020 Population <i>Fm SB X7-7 Table 3</i>	2020 GPCD
2,862	25,207	101

NOTES:

SB X7-7 Table 9: 2020 Compliance

Actual 2020 GPCD ¹	Optional Adjustments to 2020 GPCD					2020 Confirmed Target GPCD ^{1, 2}	Did Supplier Achieve Targeted Reduction for 2020?
	Enter "0" if Adjustment Not Used			TOTAL Adjustments ¹	Adjusted 2020 GPCD ¹ <i>(Adjusted if applicable)</i>		
	Extraordinary Events ¹	Weather Normalization ¹	Economic Adjustment ¹				
101	-	-	-	-	101	134	YES

¹ All values are reported in GPCD

² **2020 Confirmed Target GPCD** is taken from the Supplier's SB X7-7 Verification Form Table SB X7-7, 7-F.

NOTES:



Appendix C: 60-Day Notification of Public Hearing

City of San Fernando | 2020 Urban Water Management Plan

THE CITY OF SAN FERNANDO

CITY COUNCIL

MAYOR
SYLVIA BALLIN

VICE MAYOR
MARY MENDOZA

COUNCILMEMBER
CINDY MONTAÑEZ

COUNCILMEMBER
HECTOR A. PACHECO

COUNCILMEMBER
CELESTE T. RODRIGUEZ

April 9, 2021

Mr. Jeff Kightlinger

General Manager

Metropolitan Water District of Southern California

700 N. Alameda Street

Los Angeles, CA 90012

RE: Notice of Preparation of the City of San Fernando's 2020 Urban Water Management Plan

Dear Mr. Kightlinger:

In accordance with the State of California Urban Water Management Planning Act (California Water Code Sections 10610 to 10657), this letter serves as a formal 60-day notice to inform your agency that City of San Fernando (City) is in the process of preparing the 2020 update to its Urban Water Management Plan (UWMP), Water Supply Allocation Plan (WSAP), Water Shortage Contingency Plan (WSCP) and Water Conservation Alert System (WCAS).

The City is required to update its UWMP to meet the California Department of Water Resources (DWR) requirements for a 2020 UWMP. The deadline for completing and adopting the UWMP is July 1, 2021. We invite your agency's participation in this update process.

A draft of the 2020 UWMP, WSAP, Water Shortage WSCP and WCAS will be available two weeks prior to public hearing, for your review on City's website. The public hearing is tentatively scheduled for Monday, June 21, 2021 at 6:00 p.m. will be conducted by virtual conference. At which time and place any and all interested persons may appear and be heard thereon with respect to this 2020 update.

Another two notices will be sent two weeks and one week prior to the actual public hearing date.

If you would like more information regarding City's 2020 UWMP, WSAP, WSCP and WCAS, please contact me at (818) 898-1222.

Sincerely,



Patsy Orozco,

Civil Engineering Assistant II

PUBLIC WORKS
DEPARTMENT

117 MACNEIL STREET
SAN FERNANDO
CALIFORNIA
91340

(818) 898-1222

WWW.SFCITY.ORG

THE CITY OF SAN FERNANDO

CITY COUNCIL

MAYOR
SYLVIA BALLIN

VICE MAYOR
MARY MENDOZA

COUNCILMEMBER
CINDY MONTAÑEZ

COUNCILMEMBER
HECTOR A. PACHECO

COUNCILMEMBER
CELESTE T. RODRIGUEZ

April 9, 2021

Mr. Gail Farber, Director
Los Angeles County Department of Public Works
900 N. Fremont Avenue
Alhambra, CA 91803

RE: Notice of Preparation of the City of San Fernando's 2020 Urban Water Management Plan

Dear Mr. Farber:

In accordance with the State of California Urban Water Management Planning Act (California Water Code Sections 10610 to 10657), this letter serves as a formal 60-day notice to inform your agency that City of San Fernando (City) is in the process of preparing the 2020 update to its Urban Water Management Plan (UWMP), Water Supply Allocation Plan (WSAP), Water Shortage Contingency Plan (WSCP) and Water Conservation Alert System (WCAS).

The City is required to update its UWMP to meet the California Department of Water Resources (DWR) requirements for a 2020 UWMP. The deadline for completing and adopting the UWMP is July 1, 2021. We invite your agency's participation in this update process.

A draft of the 2020 UWMP, WSAP, Water Shortage WSCP and WCAS will be available two weeks prior to public hearing, for your review on City's website. The public hearing is tentatively scheduled for Monday, June 21, 2021 at 6:00 p.m. will be conducted by virtual conference. At which time and place any and all interested persons may appear and be heard thereon with respect to this 2020 update.

Another two notices will be sent two weeks and one week prior to the actual public hearing date.

If you would like more information regarding City's 2020 UWMP, WSAP, WSCP and WCAS, please contact me at (818) 898-1222.

Sincerely,



Patsy Orozco,
Civil Engineering Assistant II

PUBLIC WORKS
DEPARTMENT

117 MACNEIL STREET
SAN FERNANDO
CALIFORNIA
91340

(818) 898-1222

WWW.SFCITY.ORG

THE CITY OF SAN FERNANDO

CITY COUNCIL

MAYOR
SYLVIA BALLIN

VICE MAYOR
MARY MENDOZA

COUNCILMEMBER
CINDY MONTAÑEZ

COUNCILMEMBER
HECTOR A. PACHECO

COUNCILMEMBER
CELESTE T. RODRIGUEZ

April 9, 2021

Mr. Ron Nichols, General Manager
City of Los Angeles
Department of Water and Power
111 N. Hope Street, Room 15th Floor
Los Angeles, CA 90012

RE: Notice of Preparation of the City of San Fernando's 2020 Urban Water Management Plan

Dear Mr. Nichols:

In accordance with the State of California Urban Water Management Planning Act (California Water Code Sections 10610 to 10657), this letter serves as a formal 60-day notice to inform your agency that City of San Fernando (City) is in the process of preparing the 2020 update to its Urban Water Management Plan (UWMP), Water Supply Allocation Plan (WSAP), Water Shortage Contingency Plan (WSCP) and Water Conservation Alert System (WCAS).

The City is required to update its UWMP to meet the California Department of Water Resources (DWR) requirements for a 2020 UWMP. The deadline for completing and adopting the UWMP is July 1, 2021. We invite your agency's participation in this update process.

A draft of the 2020 UWMP, WSAP, Water Shortage WSCP and WCAS will be available two weeks prior to public hearing, for your review on City's website. The public hearing is tentatively scheduled for Monday, June 21, 2021 at 6:00 p.m. will be conducted by virtual conference. At which time and place any and all interested persons may appear and be heard thereon with respect to this 2020 update.

Another two notices will be sent two weeks and one week prior to the actual public hearing date.

If you would like more information regarding City's 2020 UWMP, WSAP, WSCP and WCAS, please contact me at (818) 898-1222.

Sincerely,



Patsy Orozco,
Civil Engineering Assistant II

PUBLIC WORKS
DEPARTMENT

117 MACNEIL STREET
SAN FERNANDO
CALIFORNIA
91340

(818) 898-1222

WWW.SFCITY.ORG

THE CITY OF SAN FERNANDO

CITY COUNCIL

MAYOR
SYLVIA BALLIN

VICE MAYOR
MARY MENDOZA

COUNCILMEMBER
CINDY MONTAÑEZ

COUNCILMEMBER
HECTOR A. PACHECO

COUNCILMEMBER
CELESTE T. RODRIGUEZ

April 9, 2021

Department of Regional Planning
County of Los Angeles
320 West Temple, 13th Floor
Los Angeles, CA 90012

RE: Notice of Preparation of the City of San Fernando's 2020 Urban Water Management Plan

In accordance with the State of California Urban Water Management Planning Act (California Water Code Sections 10610 to 10657), this letter serves as a formal 60-day notice to inform your agency that City of San Fernando (City) is in the process of preparing the 2020 update to its Urban Water Management Plan (UWMP), Water Supply Allocation Plan (WSAP), Water Shortage Contingency Plan (WSCP) and Water Conservation Alert System (WCAS).

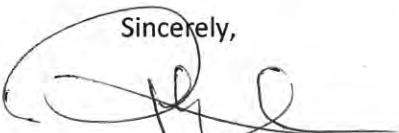
The City is required to update its UWMP to meet the California Department of Water Resources (DWR) requirements for a 2020 UWMP. The deadline for completing and adopting the UWMP is July 1, 2021. We invite your agency's participation in this update process.

A draft of the 2020 UWMP, WSAP, Water Shortage WSCP and WCAS will be available two weeks prior to public hearing, for your review on City's website. The public hearing is tentatively scheduled for Monday, June 21, 2021 at 6:00 p.m. will be conducted by virtual conference. At which time and place any and all interested persons may appear and be heard thereon with respect to this 2020 update.

Another two notices will be sent two weeks and one week prior to the actual public hearing date.

If you would like more information regarding City's 2020 UWMP, WSAP, WSCP and WCAS, please contact me at (818) 898-1222.

Sincerely,



Patsy Orozco,
Civil Engineering Assistant II

PUBLIC WORKS
DEPARTMENT

117 MACNEIL STREET
SAN FERNANDO
CALIFORNIA
91340

(818) 898-1222

WWW.SFCITY.ORG



Appendix D: Two-Week & One-Week Notification of Public Hearing

City of San Fernando | 2020 Urban Water Management Plan

Legal Notice

FICTITIOUS BUSINESS NAME STATEMENT
FILE NO. 2021 112182

The following person(s) is (are) doing business as:
NICKETY-NACKS LITTLE OF THIS LITTLE OF THAT
1403 Falstone Ave
Hacienda Heights, CA 91745
LA County

REGISTERED OWNER(S):
Amanda Lynn Carranza
1403 Falstone Ave
Hacienda Heights, CA 91745
This business is conducted by:
an individual
The date registrant started to transact business under the fictitious business name or names listed above: N/A
I declare that all information in this statement is true and correct. (A registrant who declares as true any material matter pursuant to Section 17913 of the Business and Professions Code that the registrant knows to be false is guilty of a misdemeanor punishable by a fine not to exceed one thousand dollars (\$1,000).)
Signed: Amanda Lynn Carranza, Owner
This statement was filed with the County Clerk of Los Angeles on May 17 2021
Notice - In accordance with Subdivision (a) of Section 17920, a Fictitious Name Statement generally expires at the end of five years from the date on which it was filed in the office of the County Clerk, except, as provided in Sub-division (b) of Section 17920, where it expires 40 days after any change in the facts set forth in the statement pursuant to Section 17913 other than a change in the residence address of a registered owner. A new Fictitious Business Name statement must be filed before the expiration. Effective January 1, 2014, the Fictitious Business Name Statement must be accompanied by the Affidavit of Identity Form. The filing of this statement does not of itself authorize the use in this state of a Fictitious Business Name. Any violation of the rights of another under federal, state, or common law (see Section 14411 et seq., Business and Professions Code).
Publish May 31, 2021 & June 7, 14, 21, 2021
Daily News Ad#11465751

Legal Notice

NOTICE OF PUBLIC HEARING ON THE LOCAL CONTROL AND ACCOUNTABILITY PLAN (LCAP) AND THE BUDGET OF BURBANK UNIFIED SCHOOL DISTRICT OF LOS ANGELES COUNTY

The governing board of Burbank Unified School District will hold public hearings on the LCAP and the BUDGET OF THE DISTRICT FOR THE YEAR ENDING JUNE 30, 2022, PRIOR TO Final Adoption as required by Education Code Section 42103 and 52062.
The public hearings will be held at Virtually through Zoom - Burbank Unified School District on June 17, 2021 at 7:00 p.m. The public is cordially invited to attend this meeting.
The proposed LCAP and Budget will be on file and available for public inspection should members of the public wish to review the LCAP and Budget prior to the public hearings, at the following location(s): Burbank Unified School District, Business Office from June 14, 2021 to: June 17, 2021 during the hours of 7:30 AM to: 4:00 PM.
Debra Duardo, M.S.W., Ed.D.
Los Angeles County Superintendent of Schools
6/7/21
CNS-3476905# Ad#11465926
DAILY NEWS LOS ANGELES

Reference Ad:
Los Angeles County Department of Children and Family Services (DCFS) is releasing a Request for Statement of Qualifications (RFSQ) "CMS 21-0011" for Temporary Shelter Care Facility (TSCF) services on or around June 14, 2021. Interested agencies are directed to visit
<http://contracts.dcfcs.lacounty.gov/> to obtain a copy of the RFSQ. Please see initial ad published on May 23, 2021 for additional information.
6/2, 6/7/21
CNS-3450635# Ad#11449161
DAILY NEWS LOS ANGELES

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY (LACMTA)

REQUEST FOR PROPOSAL

LACMTA will receive proposals for **PS76262 - Los Angeles Union Station Strategic Advisor** at the 9th Floor Receptionist Desk, Vendor/Contract Management Department, One Gateway Plaza, Los Angeles, CA 90012.

This project is a Small Business Enterprise (SBE) Set-Aside contract. To participate in this RFP, proposers must be SBE certified with LACMTA prior to proposal due date. For information on the Set-Aside Program, visit: <https://business.metro.net/VendorPortal/faces/home1/certifications>.

All proposals must be submitted to LACMTA in one of two ways, either (1) sealed envelopes by mail or hand delivered to the address below, or (2) electronically via email to bids@metro.net. All proposals must be received on or before **2:00 p.m. Pacific Time on Wednesday, June 30, 2021**. Proposals received later than the above date and time will be rejected and returned to the proposer unopened. Additionally, it is recommended that proposer's email(s) are sent with a Delivery and Read receipt for their records. Lastly, proposers should send a verification email to the named Contract Administrator of the RFP after the email submission(s) of proposal to bids@metro.net. The verification email should indicate that a proposal has been submitted by Vendor Name for RFP# on X number of emails.

A Virtual Pre-Proposal conference will be held at 11:00 a.m. on Wednesday, June 2, 2021. Refer to solicitation for details.

For a copy of the Proposal/Bid specification visit our Solicitation Page on our Vendor Portal at <https://business.metro.net> or for further information email Erica Rodriguez-Duvergel at rodriguezduvergele@metro.net.
5/19, 5/20, 5/21, 5/24, 5/25, 5/26, 5/27, 5/28, 5/31, 6/1, 6/2, 6/3, 6/4, 6/7, 6/8, 6/9, 6/10, 6/11, 6/14, 6/15, 6/16, 6/17, 6/18, 6/21, 6/22, 6/23, 6/24, 6/25, 6/28, 6/29, 6/30/21
CNS-3469380# Ad#11461185
DAILY NEWS LOS ANGELES

Legal Notice

NOTICE OF A PUBLIC HEARING BEFORE THE SAN FERNANDO CITY COUNCIL

NOTICE IS HEREBY GIVEN that the City Council of the City of San Fernando will hold a Public Hearing to consider the adoption of the 2020 Urban Water Management Plan.

All those wishing to testify for or against are requested to be present at the regular meeting of the City of San Fernando City Council.

The time, date, and place of the Public Hearing is as follows:

DATE: Monday, June 21, 2021

TIME: 6:00 p.m.

LOCATION: Council Chambers, 117 Macneil Street
San Fernando, CA 91340

A copy of the Final 2020 Urban Water Management Plan is on file in the Office of the City Clerk for public review.

Dated: May 24, 2021
Publish June 7, 14, 2021 Daily News Ad#11464960

Legal Notice

La versión en español se encuentra en el otro lado del aviso.

Legal Notice

Southern California Edison Company
2244 Walnut Grove Avenue
Rosemead, CA 91770
NOTICE OF PUBLIC FORUM (Public Participation Hearing)
SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E) GENERAL RATE CASE PHASE 2 APPLICATION NO. A.20-10-012

On October 23, 2020, Southern California Edison (SCE) filed its General Rate Case (GRC) Phase 2 Application (A.20-10-012). In Phase 2, SCE proposes to design rates by incorporating rate changes from other SCE proceedings including SCE's Phase 1 GRC and would be phased in over four years. Rates are designed by dividing approved electric costs among each customer class (residential, commercial, etc.). This results in rates increasing for some customer classes and decreasing for other customer classes; **no new costs are being proposed in this Phase 2 Application.** The California Public Utilities Commission (CPUC) is holding a Public Forum, also called a Public Participation Hearing (PPH), about Phase 2.

How can I participate in the Public Forums?
SCE and the CPUC would like to hear from you. You are invited to participate in the Public Forums, where you can make comments and raise concerns to the CPUC's Administrative Law Judge overseeing this application.

Where and when will these Public Forums be held?
In compliance with the Governor's directive and the CPUC's ongoing efforts to protect customers and community members, this meeting will be held via remote participation using web or teleconferencing.

The Public Forums can be viewed online or heard through the phone as shown below. If you wish to make a comment, please participate by phone using the phone number and passcode below.

DATE	TIME	VIRTUAL/REMOTE DETAILS
Tuesday, June 22, 2021	1:30 p.m.	Phone Number: (800) 857-1917 Passcode: 1673482 To make public comment: Press *1 Webcast: http://adminmonitor.com/ca/cpuc
	6:00 p.m.	

For updates and additional information, please visit <http://www.cpuc.ca.gov/pph>. Written public comments may also be provided at any time at cpuc.ca.gov/A2010012comments. Your participation by providing your thoughts on SCE's request can help the CPUC make an informed decision.

Please note: There will be Spanish interpretation for these public forums. If you need a language interpreter other than Spanish, please contact the CPUC's Public Advisor's Office using the contact information at the end of this notice by June 15, 2021.

How does the rest of the process work?
This application has been assigned to a CPUC Administrative Law Judge who will consider proposals and evidence presented during the formal hearing process. The Administrative Law Judge will issue a proposed decision that may adopt SCE's application, modify it, or deny it. Any CPUC Commissioner may sponsor an alternate decision with a different outcome. The proposed decision, and any alternate decisions, will be discussed and voted upon by the CPUC Commissioners at a public CPUC Voting Meeting.

DATE	TIME	VIRTUAL/REMOTE DETAILS
Tuesday, June 22, 2021	1:30 p.m.	Phone Number: (800) 857-1917 Passcode: 1673482 To make public comment: Press *1 Webcast: http://adminmonitor.com/ca/cpuc
	6:00 p.m.	

Parties to the proceeding are currently reviewing SCE's application, including the Public Advocates Office, which is an independent consumer advocate within the CPUC that represents customers to obtain the lowest possible rate for service consistent with reliable and safe service levels. For more information about the Public Advocates Office, please call (415) 703-1584, email PublicAdvocatesOffice@cpuc.ca.gov, or visit PublicAdvocates.cpuc.ca.gov.

Where can I get more information?

Contact SCE:

- Mail: Southern California Edison Company
Attention: Robert A. Thomas, Director, Pricing Design & Research
A.20-10-012 – SCE's 2021 GRC Phase 2
P.O. Box 800 Rosemead, CA 91770
- Email: scegrc@sce.com
- View SCE's application: <https://www.sce.com/regulatory/CPUC-Open-Proceedings>

Contact the CPUC:
You may also get information about this proceeding by contacting the CPUC:

- Visit cpuc.ca.gov/A2010012comments to submit a public comment.
- Contact the CPUC's Public Advisor's Office if you have questions about CPUC processes:
- Phone: (866) 849-8390
- Mail: CPUC Public Advisor's Office
505 Van Ness Avenue
San Francisco, CA 94102
- Email: PublicAdvisor@cpuc.ca.gov

Please reference **SCE A.20-10-012 – Phase 2** in any communications you have with the CPUC regarding this matter.

1	If SCE's rate request is approved by the CPUC, the average residential non-CARE monthly bill using 500 kWh per month would increase by approximately \$1.18 or 1.1% per month.
---	--

CNSB#3467113

Legal Notice

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY (LACMTA)

INVITATION FOR BID

LACMTA will receive Bids/Proposals for **MA77047 - ALTERNATOR - SCROLL TYPE** at the 9th Floor Receptionist Desk, Vendor/Contract Management Department, One Gateway Plaza, Los Angeles, CA 90012.

A Pre-Bid conference will not be held. All Bids must be submitted to LACMTA, and be filed at the reception desk, 9th floor, V/CM Department, on or before **11:00 a.m. Pacific Time on Wednesday, July 7, 2021**, at which time bids will be opened and publicly read. Bids received after the above date and time may be rejected and returned unopened. Each Bid must be sealed and marked **Bid No. MA77047**.

For a copy of the Proposal/Bid specification visit our Solicitation Page on our Vendor Portal at <https://business.metro.net> or for further information email Tanya Allen at allenm@metro.net.
6/7/21
CNS-3476547# Ad#11465928
DAILY NEWS LOS ANGELES

Legal Notice

Nobody covers the Valley like the
Daily News

Legal Notice

STEREOS TICKETS CAMERAS JEWELRY TOOLS
Daily News

Legal Notice

NOTICE OF PUBLIC HEARINGS FOR THE LOS ANGELES CITY, 1996-97 Z-SERIES, AND PROPOSITION 218 CONFIRMED STREET LIGHTING MAINTENANCE ASSESSMENT DISTRICTS

Notice is hereby given that on **June 1, 2021**, The Los Angeles City Council duly passed Ordinance Nos. **??????** and **??????** which stated the intention of the City to levy assessments for the cost of maintaining and operating the lighting systems in the above Districts against the benefiting property owners; for the period of one year ending **June 30, 2022** on all those streets, alleys, and other public places within the boundaries of the City of Los Angeles that have heretofore been assessed for such services for the period of one year ending **June 30, 2021**, except all those districts assessed for the first time in 1996-97 and thereafter. The District to be assessed to pay the costs and expenses of these improvements shall be known as the **LOS ANGELES CITY STREET LIGHTING MAINTENANCE ASSESSMENT DISTRICT ("MASTER DISTRICT")** and the **1996-97 Z-SERIES STREET LIGHTING MAINTENANCE ASSESSMENT DISTRICT**. The COMPONENT DISTRICTS may also be described as those lighting districts with assessment diagram numbers as noted in the Ordinances.

Legal Notice

THE BOUNDARIES OF THE "COMPONENT DISTRICTS" AND THE INDIVIDUAL ASSESSMENTS FOR EACH PROPERTY WITHIN THE "COMPONENT DISTRICTS" REMAIN UNCHANGED. NO ASSESSMENTS WILL INCREASE AND NO NEW PROPERTIES WILL BE ADDED TO THE INVOLVED "COMPONENT DISTRICTS". THE CITY MAY FROM TIME TO TIME DELETE ALL OR A PORTION OF A "COMPONENT DISTRICT", BUT ONLY IF SUCH CHANGE WILL NOT INCREASE ANY INDIVIDUAL "COMPONENT DISTRICT" ASSESSMENT AMOUNT. SUCH "COMPONENT DISTRICTS" ARE THEREFORE EXEMPT UNDER SECTION 5 OF PROPOSITION 218 FROM THE "PROCEDURE AND APPROVAL PROCESS" SET FORTH IN SECTION 4 OF PROPOSITION 218.

Legal Notice

Notice is hereby given that on June 1, 2021, The Los Angeles City Council duly passed Ordinance No. **??????** and **??????** which stated the intention of the City to levy assessments for the cost of maintaining and operating the lighting systems in the above District against the benefiting property owners; for the period of one year ending **June 30, 2022** on all those streets, alleys, and other public places within the boundaries of the following Districts that have heretofore been assessed for such services for the first time in 1998-99 and thereafter, and for the period ending **June 30, 2021**. The District to be assessed to pay the costs and expenses of this improvement shall be known as: the **PROPOSITION 218 CONFIRMED STREET LIGHTING MAINTENANCE ASSESSMENT DISTRICT**.

Legal Notice

THE PROPOSITION 218 CONFIRMED STREET LIGHTING MAINTENANCE ASSESSMENT DISTRICT - Methodology
"Benefiting Footage Method" includes those individual "COMPONENT DISTRICTS" which have been combined and assessed for the period ending **June 30, 2021** and described more fully in assessment diagram numbers as noted in the Ordinance.

Legal Notice

THE PROPOSITION 218 CONFIRMED STREET LIGHTING MAINTENANCE ASSESSMENT DISTRICT - LAND USE includes those individual "COMPONENT DISTRICTS" which have been combined and assessed for the period ending **June 30, 2021** and described more fully in assessment diagram numbers as noted in the Ordinance.

Legal Notice

THE BOUNDARIES OF THE "COMPONENT DISTRICTS" WILL NOT CHANGE, AND THE INDIVIDUAL ASSESSMENTS FOR EACH PROPERTY WITHIN THE "COMPONENT DISTRICTS" WILL INCREASE ONLY WITHIN THE LIMITS OF THE LOCAL CONSUMER PRICE INDEX AS SET FORTH IN THE ORIGINAL ORDINANCES OF INTENTION FOR EACH "COMPONENT DISTRICT." THE "COMPONENT DISTRICT" BOUNDARIES WILL NOT BE INCREASED FROM THEIR INITIAL YEAR OF ASSESSMENT. THEREFORE, THE COMPONENT DISTRICT BOUNDARIES ARE EXEMPT UNDER SECTION 5 OF PROPOSITION 218 FROM THE "PROCEDURES AND APPROVAL PROCESS" SET FORTH IN SECTION 4 OF PROPOSITION 218.

Legal Notice

Public Hearing: At 10:00 a.m. on **June 9, 2021**, IN THE THIRD FLOOR HEARING ROOM, 200 N. SPRING ST., the Board of Public Works will hold a public hearing at which time property owners or other interested persons may discuss any errors, omissions, or irregularities in the proceedings or assessments.

Legal Notice

Final Public Hearing: At 10:00 a.m. on **June 15, 2021**, the Los Angeles City Council will hold a public hearing in the COUNCIL CHAMBERS, ON THE THIRD FLOOR IN CITY HALL. This is the final public hearing and City Council may confirm the proceedings and the assessments.

Legal Notice

Affected property owners objecting to the **2021-22** maintenance and operation of existing street lighting, or to their assessment may file a written protest or appeal with the City Clerk at any time **PRIOR TO THE FINAL PUBLIC HEARING** by the City Council, and need not be present at any hearing. Affected property owners may also present written or oral comments at the Board of Public Works on this matter. **THE WRITTEN PROTEST SHALL SPECIFY THE GROUND OR GROUNDS UPON WHICH THE PROTEST IS BASED AND CONTAIN A DESCRIPTION OF THE PROPERTY IN WHICH EACH SIGNER THEREOF OWNS AN INTEREST, SUFFICIENT TO IDENTIFY THE SAME, AND BE DELIVERED TO THE CITY CLERK, ROOM 360, LOS ANGELES CITY HALL, 200 N. SPRING STREET, L.A., CA 90012.** No other protests than those specified will be considered.

Legal Notice

NOTE: THESE ANNUAL ASSESSMENT ARE ONLY FOR THE MAINTENANCE AND OPERATION OF THE EXISTING STREET LIGHTING SYSTEMS.

Legal Notice

References are hereby made: To the report of the Board of Public Works, on file in the Office of the City Clerk; to said Ordinances of Intentions; to Council File Nos. **21-0549**, **21-0558**, **21-0544** and to Sections 6.95 – 6.127 of the Los Angeles Administrative Code, Sections 53753.5 of the California Government Code, and Proposition 218 (Articles XIII C and XIII D of the California Constitution).

Legal Notice

IF THERE ARE ANY QUESTIONS, PLEASE CONTACT US AT (213) 847 – 1500 OR WRITE TO THE BUREAU OF STREET LIGHTING, 1149 S. BROADWAY, 2ND FLOOR, LOS ANGELES, CA 90015.

Legal Notice

BOARD OF PUBLIC WORKS OF THE CITY OF LOS ANGELES
Publish June 7, 8, 2021 Daily News Ad#11467264

Legal Notice

ORDER TO SHOW CAUSE FOR CHANGE OF NAME
CASE NUMBER: 21CHCP00172
PETITION OF:
Whitney Ellis Kennedy
FOR CHANGE OF NAME

Legal Notice

NOTICE OF LIEN SALE AT PUBLIC AUCTION

Notice is hereby given that personal property in the following unit will be sold at public auction, on the **21st day of June, 2021** at or after **9:00 AM** pursuant to the California Self-Storage Facility Act. The sale will be conducted at: www.imauctiononline.com/auctions for U-Haul Moving & Storage of East Lancaster, 42925 Sierra Hwy., Lancaster, CA 93534. The items to be sold are generally described as follows: clothing, furniture, and/or other household items stored by the following persons:
Customer Name Unit #
Alexander Bolar D125
Alexander Toone C150
Auctioneer: JMAuctionOnline.com – bond #1422-95787
Publish June 7, 14, 2021
Daily News Ad#11466967

Legal Notice


NOTICE OF LIEN SALE AT PUBLIC AUCTION

Notice is hereby given that personal property in the following units will be sold at public auction, on the **21st day of June, 2021** at or after **9:00 AM** pursuant to the California Self-Storage Facility Act. The sale will be conducted at: www.imauctiononline.com/auctions for U-Haul Moving & Storage of West Lancaster, 1810 W. Ave J, Lancaster, CA 93534. The items to be sold are generally described as follows: clothing, furniture, and/or other household items stored by the following persons:
Customer Name Unit #
Joseph Amar 2014
Anacrolina Leisner 1708
Tyler Friesen 2096
Jessica Landeros 1422
Auctioneer: JMAuctionOnline.com – bond #1422-95787
Publish June 7, 14, 2021
Daily News Ad#11466964

Legal Notice

NOTICE OF HEARING
Date: 07/19/2021
Time: 8:30am Dept.: 49
The address of the court is: **SUPERIOR COURT OF CALIFORNIA, COUNTY OF LOS ANGELES**
2425 Penfield Ave Chatsworth 91311
STREET ADDRESS: 9425 Penfield Ave
BRANCH NAME: CHATSWORTH COURTHOUSE
3. A copy of this **Order to Show Cause** shall be published at least once each week for four successive weeks prior to the date set for hearing on the petition in the following newspaper of general circulation, printed in this county: Los Angeles Daily News
Date: 05/14/2021
[SEAL]
/s/ **Stephen P. Pfahler/Judge**
JUDGE OF THE SUPERIOR COURT
Publish May 24, 31, 2021 & June 7, 14, 2021
Daily News Ad#11463911

Legal Notice

Find your dream home @

dailynews.com/homes


Delivering Exclusive Local Content

Any Way You Like It

We're your portal to local news as it happens

Follow breaking news, read full articles and blogs, view photos and videos and get recommendations on related articles.

Los Angeles Daily News
dailynews.com



Legal Notice

FICTITIOUS BUSINESS NAME STATEMENT
FILE NO. 2021 112182

The following person(s) is (are) doing business as:
NICKETY-NACKS LITTLE OF THIS LITTLE OF THAT
1403 Falstone Ave
Hacienda Heights, CA 91745
LA County

REGISTERED OWNER(S):
Amanda Lynn Carranza
1403 Falstone Ave
Hacienda Heights, CA 91745
This business is conducted by: an Individual
The date registrant started to transact business under the fictitious business name or names listed above: N/A
I declare that all information in this statement is true and correct. (A registrant who declares as true any material matter pursuant to Section 17913 of the Business and Professions Code that the registrant knows to be false is guilty of a misdemeanor punishable by a fine not to exceed one thousand dollars (\$1,000).)
Signed: Amanda Lynn Carranza, Owner
This statement was filed with the County Clerk of Los Angeles on May 17 2021
Notice - In accordance with Subdivision (a) of Section 17920, a Fictitious Name Statement generally expires at the end of five years from the date on which it was filed in the office of the County Clerk, except, as provided in Subdivision (b) of Section 17920, where it expires 40 days after any change in the facts set forth in the statement pursuant to Section 17913 other than a change in the residence address of a registered owner. A new Fictitious Business Name statement must be filed before the expiration. Effective January 1, 2014, the Fictitious Business Name Statement must be accompanied by the Affidavit of Identity Form. The filing of this statement does not of itself authorize the use in this state of a Fictitious Business Name in violation of the rights of another under federal, state, or common law (see Section 14411 et seq., Business and Professions Code).
Publish May 31, 2021 & June 7, 14, 21, 2021
Daily News Ad#11465751

ORDER TO SHOW CAUSE FOR CHANGE OF NAME
CASE NUMBER: 21CHCP00172
PETITION OF:
Whitney Ellis Kennedy
FOR CHANGE OF NAME

TO ALL INTERESTED PERSONS: 1. Petitioner: **Whitney Ellis Kennedy** filed a petition with this court for a decree changing names as follows:

Present name: **Whitney Ellis Kennedy**
Proposed name: **Whitney Elizabeth Ellis**

2. THE COURT ORDERS that all persons interested in this matter appear before this court at the hearing indicated below to show cause, if any, why the petition for change of name should not be granted. Any person objecting to the name changes described above must file a written objection that includes the reasons for the objection at least two court days before the matter is scheduled to be heard and must appear at the hearing to show cause why the petition should not be granted. If no written objection is timely filed, the court may grant the petition without a hearing.

NOTICE OF HEARING
Date: 07/19/2021
Time: 8:30am Dept.: 49

The address of the court is: **SUPERIOR COURT OF CALIFORNIA, COUNTY OF LOS ANGELES**

9425 Penfield Ave Chatsworth 91311
STREET ADDRESS:
9425 Penfield Ave
BRANCH NAME:
CHATSWORTH COURTHOUSE

3. A copy of this Order to Show Cause shall be published at least once each week for four successive weeks prior to the date set for hearing on the petition in the following newspaper of general circulation, printed in this county: Los Angeles Daily News
Date: 05/14/2021
[SEAL]

/s/ **Stephen P. Pfahler/Judge**
JUDGE OF THE SUPERIOR COURT

Publish May 24, 31, 2021 & June 7, 14, 2021
Daily News Ad#11463911

Legal Notice

NOTICE OF A PUBLIC HEARING BEFORE THE SAN FERNANDO CITY COUNCIL

NOTICE IS HEREBY GIVEN that the City Council of the City of San Fernando will hold a Public Hearing to consider the adoption of the 2020 Urban Water Management Plan.

All those wishing to testify for or against are requested to be present at the regular meeting of the City of San Fernando City Council.

The time, date, and place of the Public Hearing is as follows:

DATE: Monday, June 21, 2021
TIME: 6:00 p.m.
LOCATION: Council Chambers, 117 Macneil Street San Fernando, CA 91340

A copy of the Final 2020 Urban Water Management Plan is on file in the Office of the City Clerk for public review.

Dated: May 24, 2021
Publish June 7, 14, 2021 Daily News Ad#11464960

Legal Notice

PUBLIC NOTICE

T-Mobile West Corporation proposes to modify an existing telecommunications installation an existing ROOFTOP with no known marking and lighting requirements at 7277 Valjean Ave, Van Nuys, California 91406, 34.20290000, -118.48700000, FCC ASR file# A1194606. Interested persons may review the application by going to www.fcc.gov/asr/applications and entering the FCC ASR file# listed above. In accordance with the FCC's rule 47 CFR §14.4(c), T-Mobile hereby solicits public comment concerning its proposed site and any impacts it may have upon the environment. Requests for Further Environmental Review should be submitted online. Instructions can be found at www.fcc.gov/asr/environmentalrequest. Paper copies may be sent to FCC Requests for Environmental Review, Attn: Ramon Williams, 445 12th Street SW, Washington, DC 20554. Requests should also be sent to: T-Mobile, ATTENTION: FCC Regulatory Compliance Contact, 12920 SE 38th St., Bellevue, WA 98006. A copy of the request should be provided to Caldwell Compliance, 561 Cooper Drive, Benicia, CA 94510. In order for your comments to receive full and timely consideration, they should be received at the addresses above within 30 days of the date of this notice and reference FCC ASR file#A1194606.
Publish June 14, 2021 Daily News Ad#11467992

Legal Notice

T-Mobile intends to modify wireless telecommunications equipment located at 2340 N. Hollywood Way, Burbank, Los Angeles County, CA 91510 (34° 11' 26.10" N, 118° 20' 53.74" W). Impact7G, Inc. is publishing this notice in accordance with Federal Communications Commission regulations (47 CFR § 1.1307) for Section 106 of the National Historic Preservation Act (NHPA) and for the National Environmental Policy Act (NEPA). Parties interested in commenting on this Federal undertaking or with questions on the proposed facility should contact Impact7G, Inc., Attention: Ms. Andrea McCool at 9550 Hickman Road, Clive, IA 50325 or call 515-473-6256. Please reference T-Mobile site number SV81471A.
Publish June 14, 2021 Daily News Ad#11469125

Legal Notice

T-Mobile proposes to modify/upgrade telecommunications antennas and associated equipment currently collocated on a building located at an address 5015 Eagle Rock Boulevard, Los Angeles, Los Angeles County, CA 90041 (N 34° 08' 15.51", W 118° 12' 53.51"). T-Mobile is publishing this notice in accordance with Federal Communications Commission regulations (47 CFR § 1.1307) for Section 106 of the National Historic Preservation Act (NHPA) and for the National Environmental Policy Act (NEPA). Parties interested in commenting on this Federal undertaking or with questions on the proposed facility should contact Impact7G, Inc., Attn: Ms. Andrea McCool at 9550 Hickman Road, Clive, IA 50325 or call 515-473-6256 (Ref. Impact7G #962 CA).
Publish June 14, 2021 Daily News Ad#11468967

Legal Notice

T-Mobile proposes to modify antennas on a building located at 240 South Broadway, Los Angeles, Los Angeles County, CA 90012 (34° 3' 4.6" N, 118° 14' 50.6" W). Impact7G, Inc. is publishing this notice in accordance with Federal Communications Commission regulations (47 CFR § 1.1307) for Section 106 of the National Historic Preservation Act (NHPA) and for the National Environmental Policy Act (NEPA). Parties interested in commenting on this Federal undertaking or with questions on the proposed facility should contact Impact7G, Inc., Attention: Ms. Corrie Metz at 9550 Hickman Road, Suite 105, Clive, IA 50325 or call 515-473-6256.
Publish June 14, 2021 Daily News Ad#11468977

Legal Notice

T-Mobile proposes to modify antennas on a building located at 240 South Broadway, Los Angeles, Los Angeles County, CA 90012 (34° 3' 4.6" N, 118° 14' 50.6" W). Impact7G, Inc. is publishing this notice in accordance with Federal Communications Commission regulations (47 CFR § 1.1307) for Section 106 of the National Historic Preservation Act (NHPA) and for the National Environmental Policy Act (NEPA). Parties interested in commenting on this Federal undertaking or with questions on the proposed facility should contact Impact7G, Inc., Attention: Ms. Corrie Metz at 9550 Hickman Road, Suite 105, Clive, IA 50325 or call 515-473-6256.
Publish June 14, 2021 Daily News Ad#11468977

BEST DELIVERY IN THE GAME!

Turn to the Sports section for outstanding coverage of the Dodgers, Angels and ALL local baseball action.

Legal Notice

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY (LACMTA)

REQUEST FOR PROPOSAL

LACMTA will receive proposals for **PS76262 - Los Angeles Union Station Strategic Advisor** at the 9th Floor Receptionist Desk, Vendor/Contract Management Department, One Gateway Plaza, Los Angeles, CA 90012.

This project is a Small Business Enterprise (SBE) Set-Aside contract. To participate in this RFP, proposers must be SBE certified with LACMTA prior to proposal due date. For information on the Set-Aside Program, visit: <https://business.metro.net/VendorPortal/faces/home!certifications>.

All proposals must be submitted to LACMTA in one of two ways, either (1) sealed envelopes by mail or hand delivered to the address below, or (2) electronically via email to bids@metro.net. All proposals must be received on or before **2:00 p.m. Pacific Time on Wednesday, June 30, 2021**. Proposals received later than the above date and time will be rejected and returned to the proposer unopened. Additionally, it is recommended that proposer's email(s) are sent with a Delivery and Read receipt for their records. Lastly, proposers should send a verification email to the named Contract Administrator of the RFP after the email submission(s) of proposal to bids@metro.net. The verification email should indicate that a proposal has been submitted by Vendor Name for RFP# on X number of emails.

A Virtual Pre-Proposal conference will be held at 11:00 a.m. on Wednesday, June 2, 2021. Refer to solicitation for details.

For a copy of the Proposal/Bid specification visit our Solicitation Page on our Vendor Portal at <https://business.metro.net> or for further information email Erica Rodriguez-Duvergel at rodriguezdvergel@metro.net.
5/19, 5/20, 5/21, 5/24, 5/25, 5/26, 5/27, 5/28, 5/31, 6/1, 6/2, 6/3, 6/4, 6/7, 6/8, 6/9, 6/10, 6/11, 6/14, 6/15, 6/16, 6/17, 6/18, 6/21, 6/22, 6/23, 6/24, 6/25, 6/28, 6/29, 6/30/21
CNS-3469380# Ad#11461185
DAILY NEWS LOS ANGELES

Legal Notice

NOTICE OF LIEN SALE AT PUBLIC AUCTION

Notice is hereby given that personal property in the following units will be sold at public auction, on the **21st day of June, 2021** at or after **9:00 AM** pursuant to the California Self-Storage Facility Act. The sale will be conducted at: www.imauctiononline.com/auctions for U-Haul Moving & Storage of West Lancaster, 1810 W. Ave J, Lancaster, CA 93534. The items to be sold are generally described as follows: clothing, furniture, and/or other household items stored by the following persons:

Customer Name	Unit #
Joseph Amar	2014
Anacarina Leisner	1708
Tyler Friesen	2096
Jessica Landeros	1422

Auctioneer: JMAuctionOnline.com
- bond #1422-95787
Publish June 7, 14, 2021
Daily News Ad#11466964

Legal Notice

NOTICE OF LIEN SALE AT PUBLIC AUCTION

Notice is hereby given that personal property in the following units will be sold at public auction, on the **21st day of June, 2021** at or after **9:00 AM** pursuant to the California Self-Storage Facility Act. The sale will be conducted at: www.imauctiononline.com/auctions for U-Haul Moving & Storage of East Lancaster, 42925 Sierra Hwy., Lancaster, CA 93534. The items to be sold are generally described as follows: clothing, furniture, and/or other household items stored by the following persons:

Customer Name	Unit #
Alexander Bolar	D125
Alexander Toone	C150

Auctioneer: JMAuctionOnline.com
- bond #1422-95787
Publish June 7, 14, 2021
Daily News Ad#11466967

STEREOS TICKETS CAMERAS JEWELRY TOOLS

Daily News

Experience the Ultimate Local News app!

See your local news in a whole new light with the new and improved Los Angeles Daily News app for iPad, iPhone and Android.

Now featuring:

- Dynamic new layout
- Stunning visual displays
- Faster content delivery
- More frequent updates
- Easier sharing on Facebook & Twitter

Available Now for FREE

Available on the **App Store** **GET IT ON Google play**

Los Angeles Daily News

Local. News. Matters.



Smart Phone ★ Tablet ★ Desktop ★ Print

Now you can receive the area's best news coverage anytime, anyplace, on any device.

Los Angeles Daily News

dailynews.com

twitter.com/LAdailynews



facebook.com/LAdailynews

Los Angeles Daily News

605 E. Huntington Dr.
Monrovia, CA 91016

5007836

CITY OF SAN FERNANDO/PUBLIC WORKS
PATSY OROZCO
117 MACNEIL STREET
SAN FERNANDO, CA 91340

LE NO. P. OROZCO-PUBLIC HEARING NOTIC

PROOF OF PUBLICATION AFFIDAVIT (2015.5 C.C.P.)

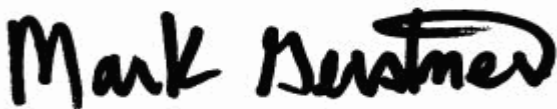
STATE OF CALIFORNIA
County of Los Angeles

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the matter. I am the principal clerk of the printer of the Daily News, a newspaper of general circulation published 7 times weekly in the City of Los Angeles, County of Los Angeles, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Los Angeles, State of California, under the date of May 26, 1983, Case Number Adjudication #C349217; that the notice, of which the annexed is a printed copy has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

06/07/2021, 06/14/2021

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Executed at Monrovia, LA Co. California,
on this 14th day of June, 2021.



Signature

Legal No. **0011464960**

NOTICE OF A PUBLIC HEARING BEFORE THE SAN FERNANDO CITY COUNCIL

NOTICE IS HEREBY GIVEN that the City Council of the City of San Fernando will hold a Public Hearing to consider the adoption of the 2020 Urban Water Management Plan.

All those wishing to testify for or against are requested to be present at the regular meeting of the City of San Fernando City Council.

The time, date, and place of the Public Hearing is as follows:

DATE: Monday, June 21, 2021
TIME: 6:00 p.m.
LOCATION: Council Chambers, 117 Macneil Street
San Fernando, CA 91340

A copy of the Final 2020 Urban Water Management Plan is on file in the Office of the City Clerk for public review.

Dated: May 24, 2021
Publish June 7, 14, 2021 Daily News Ad#11464960



Appendix E: City Council Resolution Adopting 2020 UWMP & WSCP

City of San Fernando | 2020 Urban Water Management Plan

RESOLUTION NO. 8074

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN FERNANDO, CALIFORNIA, ADOPTING ALL COMPONENTS OF THE 2020 URBAN WATER MANAGEMENT PLAN AND WATER SHORTAGE CONTINGENCY PLAN

WHEREAS, the California State Legislature enacted Assembly Bill 797 - Urban Water Management Planning Act, requiring preparation of water management plans by urban water purveyors serving a specified number of customers; and

WHEREAS, the City of San Fernando falls under the requirements of AB 797 and must prepare and adopt an updated urban water management plan every five years for its service area; and

WHEREAS, this plan (Exhibit "A") was prepared in compliance with California Water Code, Division 6, Part 2.6 describing and evaluating reasonable and practical efficient water uses, reclamation, and conservation activities; and

WHEREAS, the California Water Code Section 10632 requires every urban water supplier shall prepare and adopt a Water Shortage Contingency Plan (WSCP) as part of its Urban Water Management Plan; and

WHEREAS, the people served by the City of San Fernando Water Department benefit from the implementation of effective water conservation programs that help to manage available water supplies;

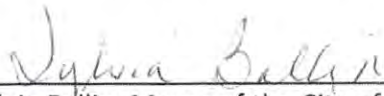
NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF SAN FERNANDO DOES HEREBY RESOLVE, FIND, DETERMINE AND ORDER AS FOLLOWS:

SECTION 1. The San Fernando City Council adopts the City of San Fernando 2020 Urban Water Management Plan and Water Shortage Contingency Plan for the City of San Fernando (Exhibit "A").

SECTION 2. The City of San Fernando City Council declares its intent to support water conservation activities within the City boundaries.

SECTION 3. The City Clerk shall certify to the adoption of this resolution and shall cause a certified resolution to be filed in the Office of the City Clerk.

PASSED, APPROVED, AND ADOPTED this 21st day of June, 2021.


Sylvia Ballin, Mayor of the City of
San Fernando, California

ATTEST:

The forgoing instrument is a full, true and correct copy of the original on file in the City Clerk Department, City of San Fernando, CA.


Julia Fritz, City Clerk

ATTEST DATED: 6/23/21


Julia Fritz, City Clerk

CERTIFICATION

I, Julia Fritz, City Clerk of the City of San Fernando, do hereby certify that the foregoing Resolution No. 8074 was duly adopted by the City Council and signed by the Mayor of said City at a meeting held on the 21st day of June, 2021; and the same was passed by the following vote, to wit:

AYES: Rodriguez, Pacheco, Montañez, Mendoza, Ballin - 5

NAYS: None

ABSENT: None

ABSTAINED: None

IN WITNESS WHEREOF, I have here unto set my hand and affixed the official seal of the City of San Fernando, California, this 23 day of June, 2021



Julia Fritz, City Clerk



Appendix F: ULARA Watermaster Sylmar Basin Judgment

City of San Fernando | 2020 Urban Water Management Plan

ORIGINAL FILED
MAR 22 1984
COUNTY CLERK

1
2 2. On August 26, 1983, the Watermaster reported to the
3 Court pursuant to Section 10.2 of the Judgment that
4 the Sylmar Basin was in a condition of overdraft
5 (Attachment 1). In response to the Watermaster's
6 letter and a Minute Order of this Court (Attachment
7 2), the Cities of Los Angeles and San Fernando
8 responded by letters to the Court (Attachments 3 &
9 4), agreeing with the Watermaster's report on
10 overdraft.

11 3. The Court has determined that pumping from the
12 Sylmar Basin shall be reduced to the safe yield
13 (6210 AF/YR at present) of the basin, effective
14 October 1, 1984.

15 4. Sections 5.1.2 and 5.2.2 of the Judgment provide
16 for the rights of the parties. The private parties
17 within the Sylmar Basin, Defendants Kisag
18 Moordigian and Meurer Engr. (successor to Hersch
19 and Plumb), have decreed overlying water rights.
20 However, Mr. Moordigian has not pumped since
21 1956-57 and has disposed of most of the lands
22 originally involved in this proceeding. Meurer
23 Engr. has pumped less than 0.5 AF/YR. since
24 1975-76, but may increase this amount slightly in
25 the future. Even though the combined pumping of
26 these private parties has been less than one
27 acre-foot per year, provision for their rights
28 pursuant to Section 5.1.2.2 of the Judgment is made

in this stipulation. That pumping which occurs pursuant to the overlying rights of the private parties is to be subtracted from the safe yield, with Los Angeles and San Fernando pumping the remainder.

5. Parties, City of Los Angeles and City of San Fernando, agree that pumping within the Sylmar Basin must be brought within the safe yield, determined to be 6,210 AF/YR at present. The Cities of Los Angeles and San Fernando have rights to native waters and import return waters within the Sylmar Basin. Their combined water rights to native and imported waters (Sections 5.1.2.3. and 5.2.2.1 of the Judgment) are nearly equal. Each has pumped approximately one-half of the total safe yield of the said basin for the past 14 years (1968-69 through 1982-83). The City of Los Angeles and the City of San Fernando stipulate herein that the Court may enter an order limiting each City's pumping to the following amounts less-one half of any rights exercised in accordance with paragraph 4 herein:

City of Los Angeles - 3,105 AF/YR.

City of San Fernando - 3,105 AF/YR.

6. Section 10.2 of the Judgment requires that a notice of hearing be set for this matter. However, the parties herein stipulate to waive notice and

1 hearing as to the matter stated herein and to the
2 order of court attached.

- 3 7. At the time of the entry of the Final Judgment
4 (January 26, 1979), the Sylmar Basin was declared
5 not to be in a condition of overdraft (Section
6 4.2.6.2). Thus, the Final Judgment did not provide
7 for safe yield operations of said basin during
8 unusual circumstances, such as dry years or water
9 system problems.

10 The parties recognize the importance of preserving
11 the Sylmar Basin as a water production and
12 groundwater storage resource. Los Angeles and
13 San Fernando seek to permit flexibility in the use
14 of this resource without causing damage to the
15 basin.

16 To provide for water shortages due to unusual
17 circumstances, such as weather conditions or water
18 system operational problems, Los Angeles and
19 San Fernando shall have the right in any year to
20 overextract from the Sylmar Basin an amount not to
21 exceed 10 percent of their allowed pumping, as
22 provided in Section 5 herein. The 10 percent
23 annual overextraction may continue from year to
24 year, accumulatively not to exceed 1,000 ac-ft. for
25 each city, so long as the unusual circumstances
26 persist. When the unusual circumstances cease, the
27 accumulated overextractions shall be replaced by
28 underpumping, and must be done within a 6 yr.

period. The amount of such underpumping will not be required to exceed 10 percent of the annual allowed pumping of any party.

The party desiring to overextract from the basin shall notify the Watermaster of the circumstances considered to be unusual and shall justify the need for overextractions. The Watermaster shall review the existence and cessation of unusual circumstances and shall in his discretion approve the required overextraction and replacement operations.

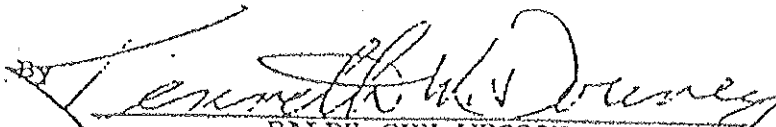
8. Pursuant to Section 8.2.10 of the Judgment, a recalculation of the safe yield can be requested by any party in the event such recalculation appears to be necessary in accordance with the Watermaster's findings set forth in his annual report to the parties and Court.
9. All parties to this stipulation may make application to the Court regarding further evaluation or review of the parties pumping activities.
10. In any year, Los Angeles and San Fernando each have the right to store water in the Sylmar Basin by direct spreading or in-lieu practice (underpumping). The party causing the water to be stored shall have a right to extract an equivalent amount of groundwater from said basin. In addition to the safe yield pumping provided for herein, the

1 right to recapture stored water can be carried over
2 into successive water years.

- 3 11. Provisions of this stipulation, in effect, amend
4 the Judgment entered on January 26, 1979. Specific
5 sections that are affected include the following:
6 4.2.6.2, 5.1.2.4, 5.2.2.1, 5.2.2.3, 9.5, and 10.2.
7 To the extent that any inconsistency may exist
8 between this stipulation and provisions of the
9 Final Judgment, the provisions of this stipulation
10 shall prevail.
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28


DATED: March 21, 1984

IRA REINER, City Attorney
EDWARD C. FARRELL, Chief Assistant
City Attorney for Water and Power
STEPHEN R. POWERS, JR., Senior
Assistant City Attorney
RALPH GUY WESSON, Assistant
City Attorney

BY 
RALPH GUY WESSON
Attorneys for the City of Los Angeles
and its Department of Water and Power

APPROVED:
The City of San Fernando

By


Mayor

Attest


Donald E. Penman
City Clerk

ARTHUR KIDMAN
RUTAN AND TUCKER
Special Counsel

By


ARTHUR KIDMAN
Attorneys for the City of San Fernando


ROGER or CHARLES MEURER
MEURER ENG., INC.


LAWRENCE M. DAUGHERTY
Attorney for Kisag and Dean Moordigian

IRA REINER, City Attorney
EDWARD C. FARRELL, Chief Assistant
City Attorney for Water and Power
STEPHEN R. POWERS, JR., Senior
Assistant City Attorney
RALPH GUY WESSON, Assistant City Attorney
111 North Hope Street
Los Angeles, California 90012
(213) 481-6372.

Attorneys for Defendant

SUPERIOR COURT OF THE STATE OF CALIFORNIA
FOR THE COUNTY OF LOS ANGELES

THE CITY OF LOS ANGELES,

Plaintiff,

vs.

CITY OF SAN FERNANDO, et al.,

Defendants.

No. 650079

ORDER OF COURT RE SYLMAR
BASIN PURSUANT TO
SECTION 10.2 OF JUDGMENT

Good cause appearing therefore and the court having reviewed the stipulation herein presented to the Court, and having fully approved the facts and settlement set forth therein, it is ordered, effective October 1, 1984, that:

1. The Cities of Los Angeles and San Fernando shall be limited in their pumping to bring the total pumping within the safe yield of the basin, less any rights exercised by the private parties, as follows:

City of Los Angeles - 3,105 AF/YR.

City of San Fernando - 3,105 AF/YR.

2. It is ordered that during years of unusual circumstances (as stated in paragraph 7 of the

1 stipulation), the parties (Los Angeles and
2 San Fernando) shall have the right in any year to
3 overextract from Sylmar Basin an amount not to
4 exceed 10 percent of their allowed pumping, as set
5 forth in paragraph 1 above.

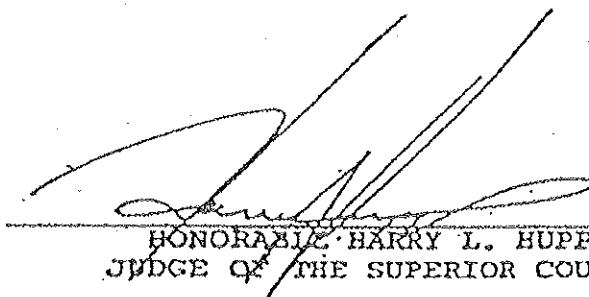
6 The 10 percent overextraction may continue from
7 year to year, accumulatively not to exceed 1,000
8 ac-ft, for each city, so long as the unusual
9 circumstances continue. When the unusual
10 circumstances cease, the accumulated overextraction
11 shall be replaced by underpumping, and must be done
12 within a 6 yr. period. The amount of such under-
13 pumping will not be required to exceed 10 percent
14 of the annual allowed pumping of any party. The
15 Wastermaster shall review the existence and cessa-
16 tion of these unusual circumstances (as detailed in
17 paragraph 7 of the stipulation) and shall approve
18 the required overextraction and replacement
19 operations.

- 20 3. Any party to this stipulation may make application
21 to the Court regarding pumping amounts stipulated
22 hereto in the event hydrologic conditions in the
23 Sylmar Basin change.
- 24 4. In any year, Los Angeles and San Fernando each have
25 the right to store water in the Sylmar Basin by
26 direct spreading or in-lieu practices
27 (underpumping). The party causing the water to be
28 stored shall have a right to extract an equivalent

amount of groundwater from said basin. In addition to the safe yield pumping provided for herein, the right to recapture stored water can be carried over into successive water years.

5. The Final Judgment, entered on January 26, 1979, is amended pursuant to changes set forth in this stipulation. The sections of the Judgment affected are listed in paragraph 11 of the stipulation.

DATED: March 22, 1984


HONORABLE HARRY L. HUPP
JUDGE OF THE SUPERIOR COURT



Appendix G: City's Water Conservation Plan (Ordinance No. 1638)

City of San Fernando | 2020 Urban Water Management Plan

DIVISION 4. - WATER CONSERVATION

FOOTNOTE(S):

--- (2) ---

Editor's note— Ord. No. 1638, § 1, adopted Oct. 20, 2014, repealed former Div. 4, §§ 94-296—94-303, in its entirety and enacted new provisions numbered as §§ 94-295—94-306. In order to avoid conflicts in section numbering the editor has renumbered the provisions added by Ord. No. 1638 as herein set out. Former Div. 4 pertained to water wastage and derived from the Code of 1957, §§ 28.9—28.15.

Sec. 94-281. - Purpose.

Upon declaration by the city council that a water shortage emergency exists, this plan shall be implemented to provide a vehicle to protect the public peace, health and safety by significantly and equitably reducing the consumption of potable water over an extended period. The plan shall remain in effect until the city council declares the water shortage emergency has ended.

(Ord. No. 1638, § 1, 10-20-2014)

Sec. 94-282. - Definitions.

The following words, terms and phrases, when used in this division, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Person means any individual, firm, partnership, association, company or organization of any kind.

Water means water supplied by the city.

(Ord. No. 1638, § 1, 10-20-2014)

Cross reference— Definitions generally, § 1-2.

Sec. 94-283. - Applicability.

This division shall apply to all persons using water in this city, regardless of whether any person using water shall have a contract for water service.

(Ord. No. 1638, § 1, 10-20-2014)

Sec. 94-284. - Reclamation wastewater system required for carwashes.

All carwashes shall be constructed with a wastewater reclamation system approved by the public works director. No carwash shall be exempted pursuant to section 94-289 from the requirements of this section.

(Ord. No. 1638, § 1, 10-20-2014)

Sec. 94-285. - Phase I water shortage (voluntary conservation).

(a) A phase I shortage shall be declared when the city determines that a shortage of up to ten percent will occur in water supplies.

(b) All elements of section 94-288 (Prohibitions) shall apply in phase I on a voluntary basis only.

(Ord. No. 1638, § 1, 10-20-2014)

Sec. 94-286. - Phase II water shortage (mandatory conservation).

- (a) A phase II shortage shall be declared when the city determines that a shortage of up to 20 percent will occur in water supplies.
- (b) All elements of section 94-288 (Prohibitions) shall apply in phase II on a mandatory basis.

(Ord. No. 1638, § 1, 10-20-2014)

Sec. 94-287. - Phase III water shortage (mandatory conservation).

- (a) A phase III shortage shall be declared when the city determines that a shortage above 20 percent will occur in water supplies.
- (b) All elements of section 94-288 (Prohibitions) shall apply in phase III on a mandatory basis except that:

- (1) Restrictions on watering lawns, landscaped or other turf areas shall be modified to prohibit watering more often than every third day in a schedule to be set by the public works director, with watering only during the hours of 5:00 p.m. and 10:00 a.m.;
- (2) Commercial nurseries and other water-dependent industries shall be prohibited from watering lawn, landscaped and other turf areas more often than every third day on a schedule to be determined by the public works director, and shall water only during the hours between 5:00 p.m. and 10:00 a.m.
- (3) Water used on a one-time basis for purposes such as construction and dust control, shall be limited to that quantity identified in a plan submitted by the user which describes water use requirements. The plan shall be submitted to the city for approval. Water sources other than potable water shall be utilized where available;
- (4) The use of water from fire hydrants shall be limited to fire fighting and related activities and other uses of water for municipal purposes shall be limited to activities necessary to maintain the public health, safety and welfare.

(Ord. No. 1638, § 1, 10-20-2014)

Sec. 94-288. - Prohibitions.

- (a) *Gutter flooding.* No person shall cause or permit any water furnished to any property within the city to run or to escape from any hose, pipe, valve, faucet, sprinkler or irrigation device into any gutter or otherwise to escape from the property if such running or escaping can reasonably be prevented.
- (b) *Washing hard-surfaced areas.* No person shall use any water furnished to any property within the city to wash sidewalks, walks, driveways and parking lots by hosing.
- (c) *Irrigation.* No person shall water or irrigate any shrubbery, trees, lawns, grass, ground covers, plants, vines, gardens, vegetables, flowers or other vegetation between the hours of 10:00 a.m. and 5:00 p.m. No water users shall cause or allow the water to run off landscaped areas into adjoining streets, sidewalks or other paved areas due to incorrectly directed or maintained sprinklers or excessive watering.
- (d) *Ornamental facilities.* No person shall refill any fountain, pool or other facility containing water solely for ornamental purposes emptied during the effectiveness of this division.
- (e) *Leaks.* No person shall permit leaks of water which he has the authority to eliminate.
- (f) *Restaurants.* Restaurants shall only serve water to customers upon request.
- (g) *Washing vehicles.* Washing of motor vehicles, trailers, boats and other types of equipment shall be done only with a hand-held bucket or a hose equipped with a positive shutoff nozzle for quick rinses, except that washing may be done with reclaimed wastewater, or by a commercial car wash using recycled water.
- (h) All lawns, landscaped or other turf area shall be watered not more often than every other day and with watering only during the hours between 5:00 p.m. and 10:00 a.m., with even-numbered addresses

watering on even-numbered days of the month and odd-numbered addresses watering on odd-numbered days of the month. This provision shall apply to residential, commercial, industrial and public agencies but shall not apply to commercial nurseries, golf courses and other water-dependent industries.

- (i) *Wasting generally.* No person shall cause or permit water under his control to be wasted.

(Ord. No. 1638, § 1, 10-20-2014)

Sec. 94-289. - Exemptions.

- (a) *Permit.* A person may be exempted from application of this division to a certain type of use if the city's public works director issues a permit allowing such use and if such permit issuance is based on a finding that enforcement of the applicable restriction would either:

- (1) Cause an unnecessary and undue hardship to the applicant or the public; or
 - (2) Cause or threaten an emergency condition affecting the health, sanitation, fire protection or safety of the applicant or the public.

- (b) *Conservation devices.* The public works director may require the use of such water conservation devices or practices as he deems appropriate as a condition of the exemption permit. He shall promulgate a list of approved devices.

(Ord. No. 1638, § 1, 10-20-2014)

Sec. 94-290. - Enforcement.

- (a) The public works director, the fire chief, police chief, water superintendent, or designee have the duty and are authorized to enforce this division and shall have all the powers and authority contained in Penal Code § 836.5, including the power to issue written notice to appear.
- (b) Each law enforcement officer shall, in connection with his duties imposed by law, diligently enforce this division.

(Ord. No. 1638, § 1, 10-20-2014)

Sec. 94-291. - Remedies; penalties.

- (a) *Notice of violation; procedure upon failure to correct.* Prior to enforcement pursuant to section 94-290, any person who is suspected of violating this division shall be given a preliminary notice in writing of such violation, with the description of violation set forth in such preliminary notice. The person shall have 24 hours to correct the violation or terminate the use. If the violation is not corrected or the use terminated, the water division may forthwith either:

- (1) Disconnect service;
 - (2) Install flow-restricting devices restricting water service; or
 - (3) Order issuance of a second preliminary notice.

Service disconnected or restricted pursuant to subsection (a)(1) or (2) of this section shall be restored only upon payment of the turn-on and other charges fixed by this article or the rules and regulations of the water division.

- (b) *Penalties.* Any person who has received a preliminary notice of violation of a particular section of this division and against whom the water division has taken action pursuant to this section and who has not corrected or terminated the use or at a subsequent time violates the same section of this division, regardless of whether the type of use was previously specified in any preliminary notice of violation, shall be:

- (1) Issued an administrative citation as described in the city's comprehensive fee schedule; or

- (2) Guilty of a misdemeanor, punishable as provided in section 1-10. Each day any violation of this division is committed or permitted to continue shall constitute a separate offense and shall be punishable as such.

(Ord. No. 1638, § 1, 10-20-2014)

Sec. 94-292. - Conflict with state law.

This division shall be inoperative to the extent any regulations and restrictions adopted pursuant to Water Code §§ 350—359 conflict.

(Ord. No. 1638, § 1, 10-20-2014)

Secs. 2-293—2-303. - Reserved.



Appendix H: 2019 County of Los Angeles All-Hazards Mitigation Plan

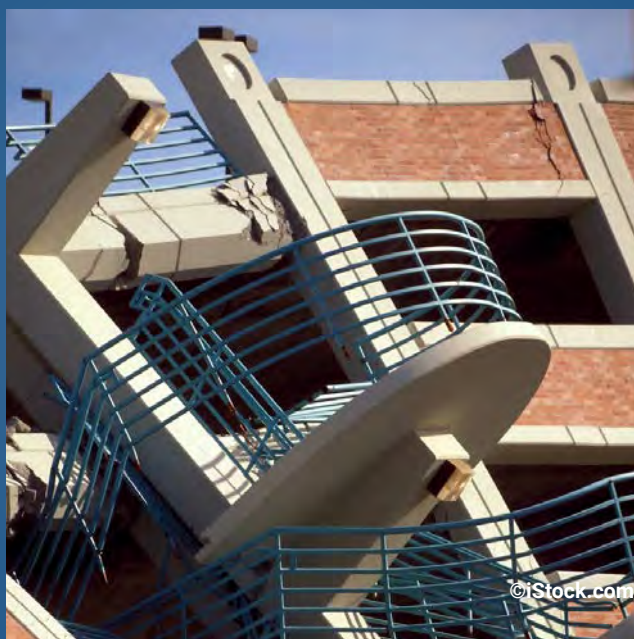
City of San Fernando | 2020 Urban Water Management Plan



PUBLIC DRAFT

2019 County of Los Angeles All-Hazards Mitigation Plan

Chief Executive Office - Office of Emergency Management



**2019 COUNTY OF LOS ANGELES
ALL-HAZARDS MITIGATION PLAN**

TABLE OF CONTENTS

1	Introduction.....	1-1
1.1	Hazard Mitigation Planning	1-1
1.2	2019 All-Hazards Mitigation Plan Synopsis	1-1
2	Planning Process	2-1
2.1	Overview of 2019 AHMP Planning Process.....	2-1
2.2	Opportunities for Stakeholders.....	2-4
2.3	Public Involvement	2-4
2.4	Review and Incorporation of Existing Plans and Reports.....	2-5
2.5	Continued Public Participation.....	2-5
2.6	Plan Update Method and Schedule	2-6
3	Community Profile	3-1
3.1	Planning Area.....	3-1
3.2	Population and Development Trends	3-14
3.3	Vulnerable Populations	3-14
3.4	Critical Facilities	3-17
4	Hazard Identification and Risk Assessment	4-1
4.1	Climate Change.....	4-2
4.2	Dam Failure	4-9
4.3	Earthquake.....	4-16
4.4	Flood.....	4-25
4.5	Landslide	4-32
4.6	Tsunami.....	4-37
4.7	Wildfire	4-42
5	Mitigation Strategy	5-1
5.1	Authorities, Policies, Programs, and Resources.....	5-1
5.2	NFIP Participation.....	5-9
5.3	Mitigation Goals.....	5-9
5.4	Potential Mitigation Actions and Projects.....	5-9
5.5	Mitigation Action Plans	5-14
5.6	Plan Integration	5-15
6	Plan Review, Evaluation, and Implementation.....	6-1
6.1	Changes in Development	6-1
6.2	Progress in Local Mitigation Efforts	6-1

6.3	Changes in Priorities	6-2
7	Plan Adoption	7-1
7.1	Formal Adoption	7-1

LIST OF APPENDICES

Appendix A – Planning Process
Appendix B – Community Profile
Appendix C – Risk Assessment

LIST OF FIGURES

Figure 3-1. Location.....	3-8
Figure 3-2. Supervisorial District 1	3-9
Figure 3-3. Supervisorial District 2	3-10
Figure 3-4. Supervisorial District 3	3-11
Figure 3-5. Supervisorial District 4	3-12
Figure 3-6. Supervisorial District 5	3-13
Figure 3-7. People Experiencing Homelessness in the City of Los Angeles.....	3-15
Figure 3-8. People Experiencing Homelessness in Unincorporated Los Angeles County	3-16
Figure 3-9. Los Angeles County Animal Care & Control.....	3-18
Figure 3-10. Los Angeles County Fire Department.....	3-19
Figure 3-11. Los Angeles County Health Services.....	3-20
Figure 3-12. Los Angeles County Library.....	3-21
Figure 3-13. Los Angeles County Museum of Art and Museum of Natural History	3-22
Figure 3-14. Los Angeles County Office of Education	3-23
Figure 3-15. Los Angeles County Other (Offices)	3-24
Figure 3-16. Los Angeles County Parks & Recreation.....	3-25
Figure 3-17. Los Angeles County Department of Public Health.....	3-26
Figure 3-18. Los Angeles County Public Works	3-27
Figure 3-19. Los Angeles County Sheriff's Department	3-28
Figure 4-1. Temperature Change	4-7
Figure 4-2. Sea Level Rise Inundation Areas	4-8
Figure 4-3. Dam Breach Inundation Areas	4-13
Figure 4-4. Major Faults in Southern California	4-22
Figure 4-5. Historical Earthquakes (1769-2019)	4-23
Figure 4-6. Seismic Hazard Areas	4-24
Figure 4-7. Los Angeles County Flood Control System.....	4-30
Figure 4-8. Special Flood Hazard Areas	4-31
Figure 4-9. Deep-Seated Landslide Susceptibility Areas	4-36
Figure 4-10. Tsunami Inundation Areas	4-41
Figure 4-11. Fire Hazard Severity Zones.....	4-47
Figure 4-12. Recent Wildfires (2000-2018).....	4-48

LIST OF TABLES

Table 2-1. AHMP Timeline	2-1
Table 2-2. Hazard Mitigation Advisory Committee	2-3
Table 2-3. Existing Plans and Reports	2-5
Table 3-1. Los Angeles County Land Area	3-1
Table 3-2. Supervisorial District 1	3-1
Table 3-3. Supervisorial District 2	3-3
Table 3-4. Supervisorial District 3	3-4
Table 3-5. Supervisorial District 4	3-4
Table 3-6. Supervisorial District 5	3-5
Table 3-7. People Experiencing Homelessness	3-14
Table 3-8. Los Angeles County-Owned and County-Related Critical Facilities.....	3-17
Table 4-1. Climate Change Identification Profile	4-2
Table 4-2. Climate Change Impact on Land Area	4-4
Table 4-3. Climate Change Impact on Vulnerable Populations – People Experiencing Homelessness	4-4
Table 4-4. Climate Change Impact on County Critical Facilities.....	4-5
Table 4-5. Overall Summary of Vulnerability to Climate Change	4-6
Table 4-6. Dam Failure Identification Profile.....	4-9
Table 4-7. Dam Failure Impact on Land Area	4-11
Table 4-8. Dam Failure Impact on Vulnerable Populations – People Experiencing Homelessness	4-11
Table 4-9. Dam Failure Impact on County Critical Facilities	4-11
Table 4-10. Overall Summary of Vulnerability to Dam Failure.....	4-12
Table 4-11. Drought Identification Profile	4-14
Table 4-12. Drought Impact.....	4-15
Table 4-13. Overall Summary of Vulnerability to Drought	4-15
Table 4-14. Earthquake Identification Profile.....	4-16
Table 4-15. Seismic Hazard Impact on Land Area	4-19
Table 4-16. Seismic Hazard Impact on Vulnerable Populations – People Experiencing Homelessness	4-20
Table 4-17. Seismic Hazard Impact on County Critical Facilities	4-21
Table 4-18. Overall Summary of Vulnerability to Earthquakes	4-21
Table 4-19. Flood Identification Profile	4-25
Table 4-20. Flood Impact on Land Area.....	4-27
Table 4-21. Flood Impact on Vulnerable Populations – People Experiencing Homelessness ..	4-27
Table 4-22. Flood Impact on County Critical Facilities	4-28
Table 4-23. Overall Summary of Vulnerability to Floods	4-29
Table 4-24. Landslide Identification Profile	4-32
Table 4-25. Landslide Impact on Land Area	4-34
Table 4-26. Landslide Impact on Vulnerable Populations – People Experiencing Homelessness	4-34
Table 4-27. Landslide Impact on County Critical Facilities	4-34
Table 4-28. Overall Summary of Vulnerability to Landslides	4-35
Table 4-29. Tsunami Identification Profile.....	4-37
Table 4-30. Tsunami Impact on Land Area	4-39

Table 4-31. Tsunami Impact on Vulnerable Populations – People Experiencing Homelessness	4-39
Table 4-32. Tsunami Impact on County Critical Facilities	4-39
Table 4-33. Overall Summary of Vulnerability to Tsunamis	4-40
Table 4-34. Wildfire Identification Profile	4-42
Table 4-35. Wildfire Impact on Land Area	4-44
Table 4-36. Wildfire Impact on Vulnerable Populations – People Experiencing Homelessness	4-45
Table 4-37. Wildfire Impact on County Critical Facilities	4-45
Table 4-38. Overall Summary of Vulnerability to Wildfires	4-46
Table 5-1 Human and Technical Resources for Hazard Mitigation	5-2
Table 5-2. Financial Resources for Hazard Mitigation	5-4
Table 5-3. Legal and Regulatory Resources for Hazard Mitigation	5-7
Table 5-4. Potential Mitigation Actions and Projects	5-9
Table 5-5. Tier 1 Mitigation Action Plan	5-14
Table 5-6. Tier 2 Mitigation Action Plan	5-15
Table 6-1. Completed Local Mitigation Efforts	6-1

LIST OF ACRONYMS AND ABBREVIATIONS

°F	degrees Fahrenheit
AECOM	AECOM Technical Services, Inc.
AB	Assembly Bill
AHMP	All-Hazards Mitigation Plan
Cal FIRE	California Department of Forestry and Fire Protection
Cal OES	California Office of Emergency Services
CFR	Code of Federal Regulations
CGS	California Geological Survey
CWPP	Community Wildfire Protection Plans
CPG	Comprehensive Preparedness Guide
CRS	Community Rating System
DFIRM	Digital Flood Insurance Rate Map
DHS	Department of Homeland Security
DMA	Disaster Mitigation Act
DR	Disaster Declaration Number
DSOD	Division of Safety of Dams
EAP	Emergency Action Plan
EPA	Environmental Protection Agency
EQ	Earthquake
FEMA	Federal Emergency Management Agency
FHSZ	Fire Hazard Severity Zones
GIS	Geographic Information System
IPCC	Intergovernmental Panel on Climate Change
LACMA	Los Angeles County Museum of Art
LRA	Local Responsibility Area
M	Magnitude
MARAC	Mutual Aid Regional Advisory Committee
NFIP	National Flood Insurance Program
NHM	Los Angeles County Natural History Museum
OEM	Office of Emergency Management
PGA	Peak Ground Acceleration

RL	Repetitive Loss
SFHA	Special Flood Hazard Area
SRA	State Responsibility Area
U.S.	United States
USACE	United States Army Corps of Engineers
USGS	U.S. Geological Survey
WUI	wildland-urban interface

1 INTRODUCTION

1.1 HAZARD MITIGATION PLANNING

As defined in Title 44 of the Code of Federal Regulations (CFR), Subpart M, Section 206.401, hazard mitigation is “any action taken to reduce or eliminate the long-term risk to human life and property from natural hazards.” As such, hazard mitigation is any work to minimize the impacts of any type of hazard event before it occurs. Hazard mitigation aims to reduce losses from future disasters. It is a process that identifies and profiles hazards, analyzes the people and facilities at risk, and develops mitigation actions to reduce or eliminate hazard risk. The implementation of the mitigation actions, which include short- and long-term strategies that may involve planning, policy changes, programs, projects, and other activities, is the end result of this process.

In recent years, local hazard mitigation planning has been driven by a federal law, known as the Disaster Mitigation Act of 2000 (DMA 2000). On October 30, 2000, Congress passed the DMA 2000 (Public Law 106-390), which amended the Robert T. Stafford Disaster Relief and Emergency Assistance Act of 1988 (Stafford Act) (Title 42 of the United States Code Section 5121 et seq.) by repealing the act’s previous mitigation planning section (409) and replacing it with a new mitigation planning section (322). This new section emphasized the need for state, tribal, and local entities to closely coordinate mitigation planning and implementation efforts. This new section also provided the legal basis for the Federal Emergency Management Agency’s (FEMA’s) mitigation plan requirements for the Hazard Mitigation Assistance grant programs.

1.2 2019 ALL-HAZARDS MITIGATION PLAN SYNOPSIS

To meet the requirements of the DMA 2000, the Los Angeles County Office of Emergency Management (OEM) has prepared an All- Hazards Mitigation Plan (AHMP) (hereinafter referred to as the 2019 AHMP) to assess risks posed by natural hazards and to develop a mitigation action plan for reducing the risks in Unincorporated Los Angeles County. The 2019 AHMP replaces the AHMP that was approved in 2014.

The 2019 AHMP is organized to follow FEMA’s Local Mitigation Plan Review Tool, which demonstrates how local AHMPs meet the DMA 2000 regulations. As such, specific planning elements of this review tool are in their appropriate plan sections.

The 2019 AHMP structure has been updated to including the following sections:

- **Section 2 Planning Process** provides an overview of the 2019 planning process, starting with a plan update timeline. It identifies advisory committee members and describes their involvement with the plan update process. It also details stakeholder outreach, public involvement and continued public involvement. It provides an overview of the existing plans and reports and how they were incorporated into the 2019 AHMP and lastly lays out a plan update method and schedule. Supporting planning process documentation is listed in **Appendix A**.
- **Section 3 Community Profile** describes the planning area for the 2019 AHMP, which includes the unincorporated areas of the county. It touches on the current population and development trends in the county and discusses vulnerable populations in the county, including the growing homeless crisis. Finally, this section lists the county-owned and

county-related critical facilities included in this plan. Supporting community profile information can be found in **Appendix B**.

- **Section 4 Hazard Identification and Risk Assessment** describes each of the eight hazards addressed in this plan. Additionally, it includes impact (i.e., risk assessment) tables for the planning area, vulnerable populations and critical facilities within each hazard area. An overall summary description is also provided for each hazard. **Appendix C** contains supporting hazard identification and risk assessment information.
- **Section 5 Mitigation Strategy** details Los Angeles County's capabilities (authorities, policies, programs and resources) available for hazard mitigation. It also discusses the county's participation in the National Flood Insurance Program (NFIP). Finally, it describes the mitigation strategy, which is the blueprint for how the County will reduce its risks to hazards. The mitigation strategy is made up of three main components: mitigation goal(s); potential mitigation actions and projects; and a mitigation action plan.
- **Section 6 Plan Review, Evaluation and Implementation** discusses the revisions made to the 2019 AHMP to address changes in development, progress made in local mitigation efforts and changes to priorities.
- **Section 7 Plan Adoption** contains a scanned copy of the adoption resolution.

2 PLANNING PROCESS

Section 2 – Planning Process addresses Element A of the Local Mitigation Plan Regulation Checklist.

Regulation Checklist – 44 CFR 201.6 Local Mitigation Plans	
Element A: Planning Process	
A1. Does the Plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? (Requirement §201.6(c)(1))	
A2. Does the Plan document an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, agencies that have the authority to regulate development as well as other interests to be involved in the planning process? (Requirement §201.6(b)(2))	
A3. Does the Plan document how the public was involved in the planning process during the drafting stage? (Requirement §201.6(b)(1))	
A4. Does the Plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement §201.6(b)(3))	
A5. Is there discussion of how the community(ies) will continue public participation in the plan maintenance process? (Requirement §201.6(c)(4)(iii))	
A6. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a 5-year cycle)? (Requirement §201.6(c)(4)(i))	

2.1 OVERVIEW OF 2019 AHMP PLANNING PROCESS

The development of the 2019 AHMP was collaborative effort between Los Angeles County OEM, AECOM Technical Services, Inc. (AECOM), an advisory committee, and various county departments and agencies. **Table 2-1** provides a timeline of the major plan update tasks and milestones by month over a 9-month period. **Table 2-2** lists the advisory committee members and how they contributed to the development of the plan.

Table 2-1. AHMP Timeline

Date	Tasks	People Involved
March 2019	Reviewed the 2014 AHMP and decided to continue efforts to streamline the plan Held 2019 AHMP advisory committee kick-off meeting (March 15)	AHMP project manager, advisory committee
April 2019	Determined the hazards to be profiled, including climate change (new to the 2019 AHMP), drought, dam failure, earthquake, flood, landslide, tsunami and wildfire (all addressed in the 2014 AHMP)	AHMP project manager, AECOM
May 2019	Collected local and regional existing plans and reports	AECOM
June 2019	Determined the Geographic Information System (GIS) strategy for risk assessment including land area/geographical boundaries and critical facilities and discussed how to incorporate people experiencing homelessness	AHMP project manager, AECOM, Los Angeles County Office of Emergency Management

Table 2-1. AHMP Timeline

Date	Tasks	People Involved
July 2019	<ul style="list-style-type: none"> Identified initial list of stakeholders Crafted public outreach messages for the Twitter handle @ReadyLACounty Created draft hazard figures Developed homeless people risk assessment tables Developed land area/geographic boundaries risk assessment tables Rewrote/updated the hazard profiles into a streamlined tabular format Began developing/updating/collecting draft mitigation actions Streamlined and updated the community profile section to only address the planning area, population and development trends and county critical facilities (deleted general County information) 	AHMP project manager, AECOM
August 2019	<ul style="list-style-type: none"> Tweeted public outreach messages about the 2019 AHMP Emailed stakeholders about the 2019 AHMP Conducted conference call with Los Angeles County Regional Planning (August 5) to discuss joint public outreach efforts as well as mitigation strategies Conducted meeting with Los Angeles County Public Works (August 7) to discuss 2019 AHMP, progress made to date, and existing and new mitigation strategies Developed critical facilities risk assessment tables Created draft risk assessment tables Revised plan maintenance approach from quarterly meetings to annual review questionnaires 	AHMP project manager, AECOM, Los Angeles County Department of Regional Planning, Los Angeles County Public Works, advisory committee
September 2019	<ul style="list-style-type: none"> Updated the capability assessment tables Developed a list of potential mitigation actions and prioritized actions based on a new tiered approach Created public outreach flyers in English and Spanish and placed on the Los Angeles County OEM website Documented progress in local mitigation efforts Addressed changes in development since the 2014 AHMP Created Initial Draft AHMP Created Public Draft AHMP 	AHMP project manager, AECOM, advisory committee
October 2019	<ul style="list-style-type: none"> Created Final Draft AHMP 	AECOM

Table 2-2. Hazard Mitigation Advisory Committee

Name	Department / Agency, Title	Contribution
Emily Montanez	Office of Emergency Management, AHMP project manager, Senior Program Manager	Led kick-off meeting, reviewed draft hazard figures and risk assessment tables, draft mitigation actions and initial draft plan.
Margaret Carlin	Office of Emergency Management, GIS Project Supervisor	Provided input on GIS, reviewed draft hazard figures and risk assessment tables, draft mitigation actions and initial draft plan.
Stephanie Kim	Office of Emergency Management, Academic Intern	Reviewed and updated the community profile, provided input on people experiencing homelessness, participated on conference calls, attended department meetings, and reviewed the initial draft plan.
Caroline Chen	Los Angeles County Department of Regional Planning, Regional Planner	Attended kick-off meeting, participated on conference call, reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
Iris Chi	Los Angeles County Department of Regional Planning, Regional Planner	Attended kick-off meeting, participated on conference call, reviewed draft hazard figures and risk assessment tables, draft mitigation actions and initial draft plan.
Loni Eazell	Los Angeles County Public Works, Disaster Services Specialist	Coordinated August 7 department meeting, reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
Frank Forman	Los Angeles County Fire Department, Battalion Chief	Reviewed draft hazard figures and risk assessment tables, draft mitigation actions and initial draft plan.
Andrew Gano	City of Glendale Fire Department, Captain	Attended kick-off meeting, reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
Angine Geragoosian	Los Angeles County Public Works, Disaster Services Analyst	Attended kick-off meeting, reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
Patricia Hachiya	Regional Planning, Supervising Regional Planner	Attended kick-off meeting, participated on conference call, reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
Jack Husted	Department of Public Works, Senior Civil Engineer	Attended August 7 meeting, reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
Sheryll Jones	Emergency Services Coordinator, Southern Region Cal OES	Advised Los Angeles County OEM about initial update process and reviewed initial draft plan.
Sinan Khan	Office of Emergency Management, Associate Director	Reviewed draft hazard figures and risk assessment tables, draft mitigation actions and initial draft plan.

Table 2-2. Hazard Mitigation Advisory Committee

Name	Department / Agency, Title	Contribution
Diana Manzano	Area D Disaster Management, Coordinator	Attended kick-off meeting, reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
John Eric Pearce	Fire Department, Captain	Reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
Christine Shaffer	Sheriff's Department, Deputy	Reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
Nathaniel VerGow	Los Angeles Homeless Services Authority, Director of Access and Engagement	Reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
Steven Wallace	San Gabriel Fire Department, Interim Fire Chief	Reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.
Iain Watt	Office of Emergency Management, Emergency Management Coordinator	Participated on conference call, reviewed draft hazard figures and risk assessment tables, draft mitigation actions, and initial draft plan.

2.2 OPPORTUNITIES FOR STAKEHOLDERS

On August 20, 2019, the AHMP project manager reached out to stakeholders about the 2019 AHMP to invite them to participate in the plan update process. The stakeholders were also notified on October 4, 2019, that a copy of the public draft plan was available for review on the Los Angeles County OEM website. Stakeholders include members of the Mutual Aid Regional Advisory Committee (MARAC) for the Southern Region. The MARAC consists of: the California Office of Emergency Services (Cal OES) regional administrator, or deputy, for the Administrative Region encompassing the mutual aid region(s); regional mutual aid coordinators (fire, law enforcement, disaster medical and other established mutual aid systems); a representative from each operational area located in the mutual aid region; representatives from two municipalities (small/large and rotates bi-annually); regional public utility representative; private utility representative; special district representative; and other designee as appointed by an individual MARAC. Stakeholder documentation is located in **Appendix A**.

2.3 PUBLIC INVOLVEMENT

The Los Angeles County OEM engaged the public in the plan update process through various media formats. A flyer about the 2019 AHMP was created in both English and Spanish and placed on the Los Angeles County OEM website. The website also includes a copy of the public draft plan for public comment on October 4, 2019.

<https://www.lacounty.gov/emergency/county-of-los-angeles-all-hazards-mitigation-plan/>

Additionally, the Los Angeles County OEM used Twitter, @ReadyLACounty, to engage the public through a series of tweets about the 2019 AHMP, hazards in Los Angeles County, hazard mitigation planning, and the public draft plan.

2.4 REVIEW AND INCORPORATION OF EXISTING PLANS AND REPORTS

The consultant reviewed existing relevant information to include in the 2019 AHMP. **Table 2-3** lists the plans and reports reviewed as well as information to be incorporated into the 2019 AHMP.

Table 2-3. Existing Plans and Reports

Plans and Reports	Information to be Incorporated into the 2019 AHMP
Los Angeles County Operational Area Emergency Response Plan (2012)	Appendix K Hazards-Specific to the operational area into Section 4 Hazard Identification and Risk Assessment
Los Angeles County 2035 General Plan (2015)	Safety element mitigation policies into Section 5 Mitigation Strategy
Los Angeles County Floodplain Management Plan (2016)	Flood hazard profile, non-implemented flood mitigation initiatives into Section 4 Hazard Identification and Risk Assessment
County of Los Angeles Floodplain Management Plan Progress Report 2017 – 2018	Non-implemented flood mitigation initiatives into Section 5 Mitigation Strategy, implemented flood mitigation initiatives into Section 6 Plan Review, Evaluation, and Implementation
County of Los Angeles Repetitive Loss Area Analysis Progress Report 2017 – 2018	Non-implemented flood mitigation initiatives into Section 5 Mitigation Strategy, implemented flood mitigation initiatives into Section 6 Plan Review, Evaluation, and Implementation
Unincorporated Los Angeles County Community Climate Action Plan 2020	Climate change mitigation objectives into Section 5 Mitigation Strategy
2019 Greater Los Angeles Homeless Count Results	People experiencing homelessness count into Section 4 Hazard Identification and Risk Assessment
Los Angeles County Fire Department 2018 Strategic Fire Plan	Vegetation management programs into Section 5 Mitigation Strategy
Southern California Earthquake Data Center's Earthquake Catalogs	Historic seismic data into Section 4 Hazard Identification and Risk Assessment
Maritime Tsunami Response Playbooks: Background Information and Guidance for Response and Hazard Mitigation Use (2016)	Historical tsunami information and evaluation data into Section 4 Hazard Identification and Risk Assessment
FEMA Flood Insurance Study, Los Angeles County, California (2018)	Historical flood information and flood hazard areas into Section 4 Hazard Identification and Risk Assessment
U.S. Geological Survey (USGS): Rainfall and Landslides in Southern California (active)	Landslide nature, location, historical and extent information into Section 4 Hazard Identification and Risk Assessment

2.5 CONTINUED PUBLIC PARTICIPATION

A copy of the 2019 AHMP will be kept on the Los Angeles County OEM website along with contact information. The Los Angeles County OEM will also notify residents of any changes or

updates to the 2019 AHMP, including mitigation projects identified in the plan as they are implemented, via @ReadyLACounty on Twitter.

2.6 PLAN UPDATE METHOD AND SCHEDULE

The 2014 AHMP recommended quarterly meetings to discuss and track mitigation projects implemented during the lifespan of the 2014 AHMP. It is unknown how often specific departments/agencies met to track the status of their mitigation actions. For the 2019 AHMP, the plan update method and schedule has been revised to include an annual review and an advisory committee roundtable prior to the 5-year update. Mitigation projects will be monitored via a progress project report. Details are as follows:

- **Annual Review Worksheets:** Every 12 months from plan adoption, the AHMP project manager will email each member of the advisory committee an Annual Review Worksheet to complete. As shown in Appendix A, the Annual Review Worksheet reflects the Local Mitigation Plan Review Tool and includes the following: planning process, hazard profile, risk assessment, and mitigation strategy. Each member of the advisory committee will email completed worksheets back to the AHMP project manager to review. The AHMP project manager will summarize these findings and email them out to the committee. If the AHMP project manager believes that the 2019 AHMP needs to be updated based on the findings, then an invitation will be sent to advisory committee members to attend a formal AHMP update meeting.
- **Mitigation Progress Project Reports:** Mitigation actions will be monitored and updated using the Mitigation Project Progress Report. During each annual review, each department or agency currently administering a mitigation project will submit a progress report to the AHMP project manager. For projects that are being funded by a FEMA mitigation grant, FEMA quarterly reports may be used as the preferred reporting tool. As shown in Appendix A, the progress report will discuss the current status of the mitigation project, including any changes made to the project, identify implementation problems, and describe appropriate strategies to overcome them.
- **Advisory Committee Roundtable:** On the fourth year of the update, the AHMP project manager will reconvene the advisory committee (updating membership, if necessary) and lead a tabletop exercise with the advisory committee to: collect the Annual Review Worksheet and any Mitigation Project Progress Reports and FEMA quarterly reports; determine hazards to be included in the 2024 AHMP; develop a new work plan; and begin the plan update process.

3 COMMUNITY PROFILE

3.1 PLANNING AREA

With approximately 4,760.72 square miles, Los Angeles County is geographically one of the largest counties in the country. As shown in **Figure 3-1**, the county stretches along 75 miles of the Pacific coast of Southern California and is bordered to the east by Orange County and San Bernardino County, to the north by Kern County, and to the west by Ventura County. Los Angeles County has two islands, Santa Catalina (75.00 square miles) and San Clemente (60.69 square miles), which are part of an eight-island group called the Channel Islands.

As shown in **Tables 3-1 – 3-6** and **Figures 3-2 – 3-6**, the county is divided into five supervisorial districts, each representing approximately 2 million people in 88 cities and approximately 140 communities or 122 county-wide statistical areas. The five supervisorial districts consist of 4,150 square miles, with 3,014.17 square miles located in the unincorporated areas. The remaining area of Los Angeles County is federal land, including the Los Padres National Forest and Angeles National Forest.

For the 2019 AHMP, the planning area is defined as Unincorporated Los Angeles County. However, the plan's risk assessment includes: Los Angeles County, Unincorporated Los Angeles County, and supervisorial districts 1-5. In addition, specific county-wide statistical area risk assessment information is provided in **Appendix C**.

Table 3-1. Los Angeles County Land Area

Entity	Square Miles
Los Angeles County	4,760.72
Unincorporated Los Angeles County	3,041.17
Supervisorial District 1	246.19
Supervisorial District 2	161.83
Supervisorial District 3	431.21
Supervisorial District 4	439.95
Supervisorial District 5	2,807.00

Table 3-2. Supervisorial District 1

City	County-wide Statistical Area
Azusa	Arcadia
Baldwin Park	Angeles National Forest
Bell	Avocado Heights
Bell Gardens	Azusa
Claremont	Bandini Islands

Table 3-2. Supervisorial District 1

City	County-wide Statistical Area
Commerce	Bassett
Cudahy	Charter Oak
El Monte	Claremont
Huntington Park	Covina
Industry	Covina (Charter Oak)
Irwindale	Duarte
La Puente	East Los Angeles
Maywood	El Monte
Montebello	Florence – Firestone
Monterey Park	Glendora
Pico Rivera	Hacienda Heights
Pomona	La Verne
Rosemead	Lynwood
South El Monte	North Whittier
South Gate	Padua Hills
Vernon	Pellissier Village
Walnut	Pomona
West Covina	Rowland Heights
	San Jose Hills
	South El Monte
	South San Gabriel
	Sunrise Village
	Valinda
	Walnut
	Walnut Park
	West Puente Valley
	West Whittier / Los Nietos
	Whittier
	Whittier Narrows

Table 3-3. Supervisorial District 2

City	County-wide Statistical Area
Carson	Athens Village
Compton	Athens-Westmont
Culver City	Del Aire
Gardena	Del Rey
Hawthorne	East Rancho Dominguez
Inglewood	El Camino Village
Lawndale	Florence – Firestone
Los Angeles (portion)	Hawthorne
Lynwood	Ladera Heights
	Lennox
	Lynwood
	Marina del Rey
	Rancho Dominguez
	Rosewood
	Rosewood/East Gardena
	Rosewood/West Rancho Dominguez
	View Park/Windsor Hills
	Walnut Park
	West Carson
	West Rancho Dominguez
	Willowbrook
	Wiseburn

Table 3-4. Supervisorial District 3

City	County-wide Statistical Area
Agoura Hills	Angeles National Forest
Beverly Hills	Franklin Canyon
Calabasas	Marina del Rey
Hidden Hills	Miracle Mile
Malibu	Kagel/Lopez Canyons
San Fernando	Santa Monica Mountains
Santa Monica	Universal City
West Hollywood	West LA
Westlake Village	Westhills

Table 3-5. Supervisorial District 4

City	County-wide Statistical Area
Artesia	Cerritos
Avalon	Del Aire
Bellflower	East La Mirada
Cerritos	East Rancho Dominguez
Diamond Bar	East Whittier
Downey	El Camino Village
El Segundo	Hacienda Heights
Hawaiian Gardens	Harbor Gateway
Hermosa Beach	La Habra Heights
La Habra Heights	La Rambla
La Mirada	Lakewood
Lakewood	Lennox
Lomita	Long Beach
Long Beach	Lynwood
Los Angeles (portion)	Marina del Rey
Manhattan Beach	Palos Verdes Peninsula
Norwalk	Rancho Dominguez
Palos Verdes Estates	Rowland Heights
Paramount	San Clemente Island
Rancho Palos Verdes	Santa Catalina Island

Table 3-5. Supervisorial District 4

City	County-wide Statistical Area
Redondo Beach	South Whittier
Rolling Hills	Sunrise Village
Rolling Hills Estates	West Carson
Santa Fe Springs	West Whittier / Los Nietos
Signal Hill	Westfield/Academy Hills
Torrance	Whittier
Whittier	

Table 3-6. Supervisorial District 5

City	County-wide Statistical Area
Alhambra	Acton
Arcadia	Agua Dulce
Bradbury	Altadena
Covina	Anaverde
Duarte	Angeles National Forest
Glendale	Arcadia
Glendora	Azusa
La Canada – Flintridge	Bouquet Canyon
La Verne	Bradbury
Lancaster	Canyon Country
Monrovia	Castaic
Palmdale	Claremont
Pasadena	Covina
San Dimas	Covina (Charter Oak)
San Gabriel	Del Sur
San Marino	Desert View Highlands
Santa Clarita	Duarte
Sierra Madre	East Covina
South Pasadena	East Lancaster
Temple City	East Pasadena
Los Angeles City	Elizabeth Lake
Canoga Park (portion)	Glendora

Table 3-6. Supervisorial District 5

City	County-wide Statistical Area
Chatsworth (portion)	Hi Vista
Granada Hills (portion)	Kagel / Lopez Canyons
Hansen Dam (portion)	La Crescenta-Montrose
Lake View Terrace (portion)	La Verne
Mission Hills (portion)	Lake Hughes
Northridge (portion)	Lake Los Angeles
Olive View Hospital (Sylmar)	Lake Manor
Porter Ranch	Leona Valley
Shadow Hills	Little Rock
Sun Valley (portion)	Little Rock/Juniper Hills
Sunland	Little Rock/Pearblossom
Sylmar (portion)	Llano
Tujunga	Monrovia
West Hills (portion)	Newhall
	North Lancaster
	Northeast San Gabriel
	Palmdale
	Pearblossom/Llano
	Placerita Canyon
	Pomona
	Quartz Hill
	Roosevelt
	San Francisquito Canyon/Bouquet Canyon
	San Pasqual
	Sand Canyon
	Saugus
	Saugus/Canyon Country
	South Antelope Valley
	South Edwards
	Southeast Antelope Valley
	Stevenson Ranch
	Sun Village
	Twin Lakes/Oat Mountain

Table 3-6. Supervisorial District 5

City	County-wide Statistical Area
	Val Verde
	Valencia
	West Antelope Valley
	West Chatsworth
	White Fence Farms



Kern County

Ventura County

San Bernardino County

Los Angeles

Orange County

Pacific Ocean



0 2.5 5 10 15 Miles

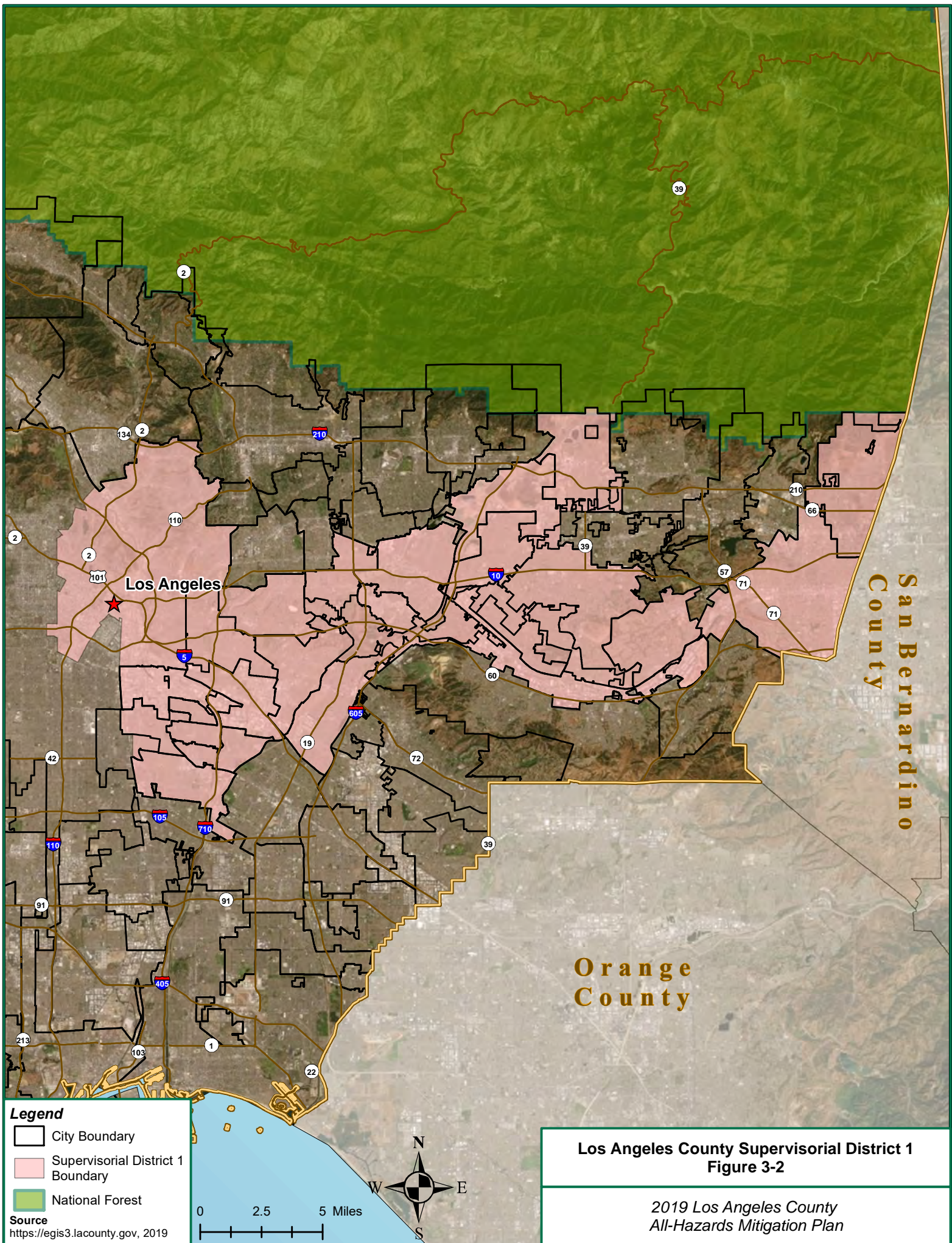
Legend

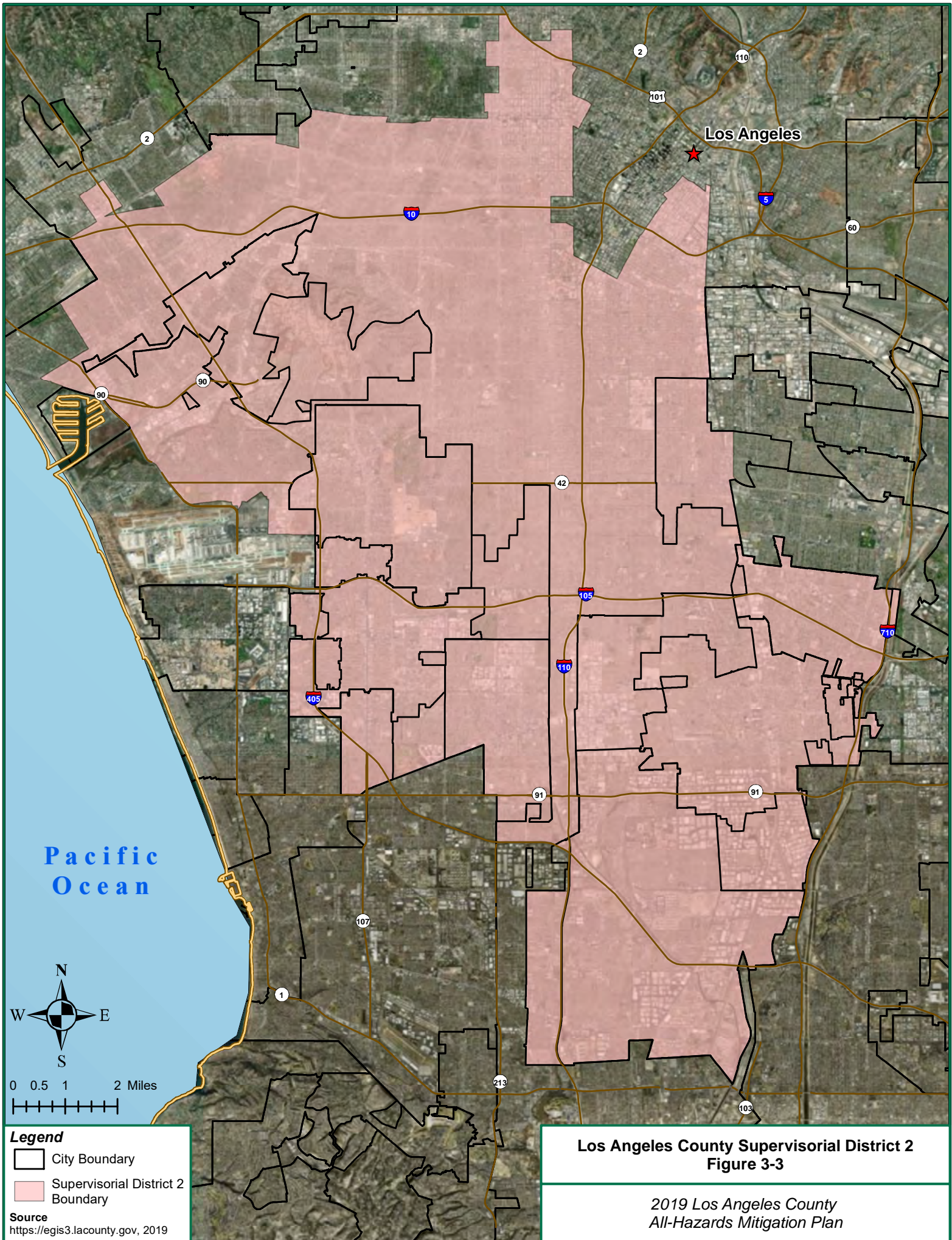
- Unincorporated County Boundary
- National Forest

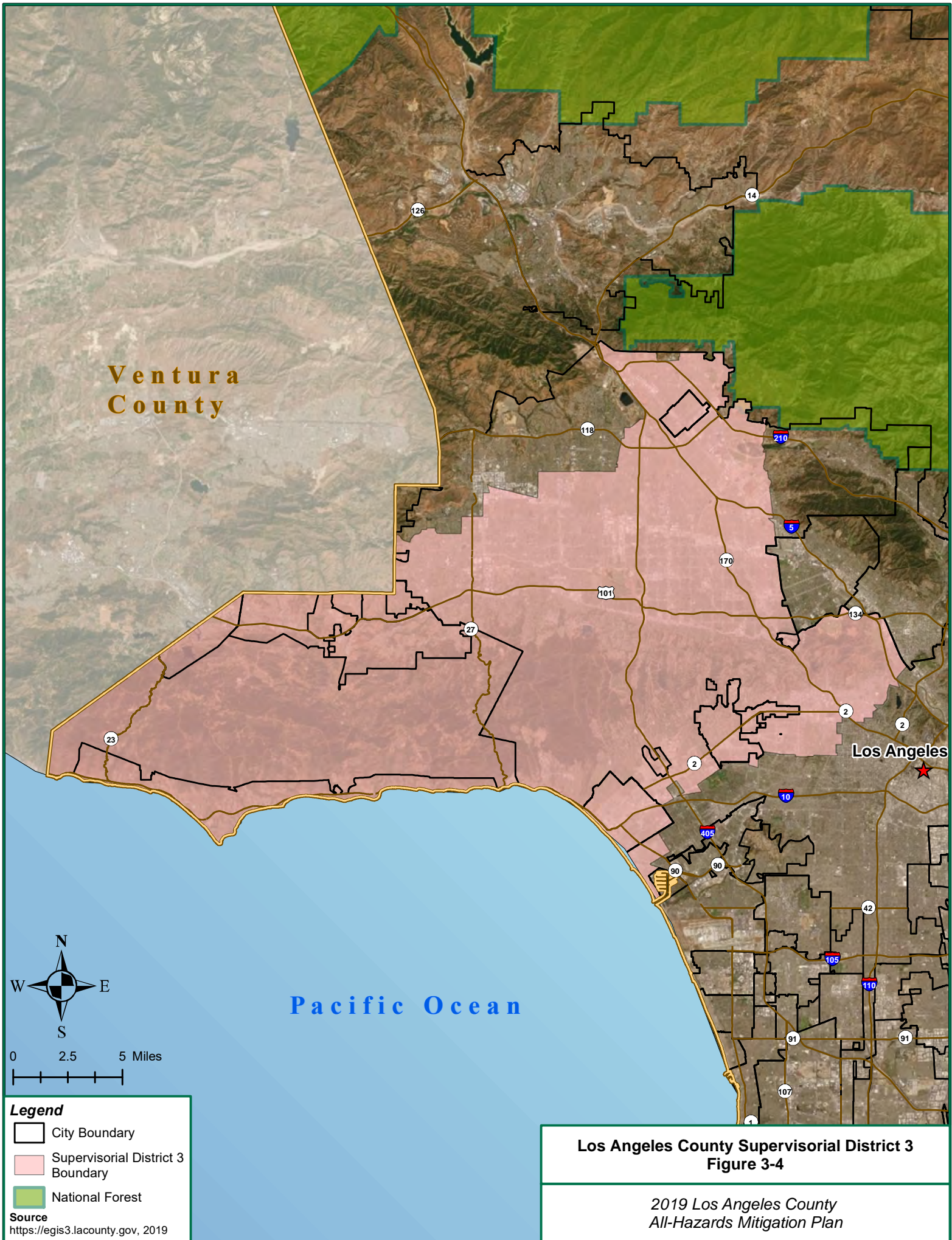
Source
<https://egis3.lacounty.gov>, 2019

Los Angeles County
Figure 3-1

2019 Los Angeles County
All-Hazards Mitigation Plan









San Bernardino
County

Orange
County

Pacific Ocean



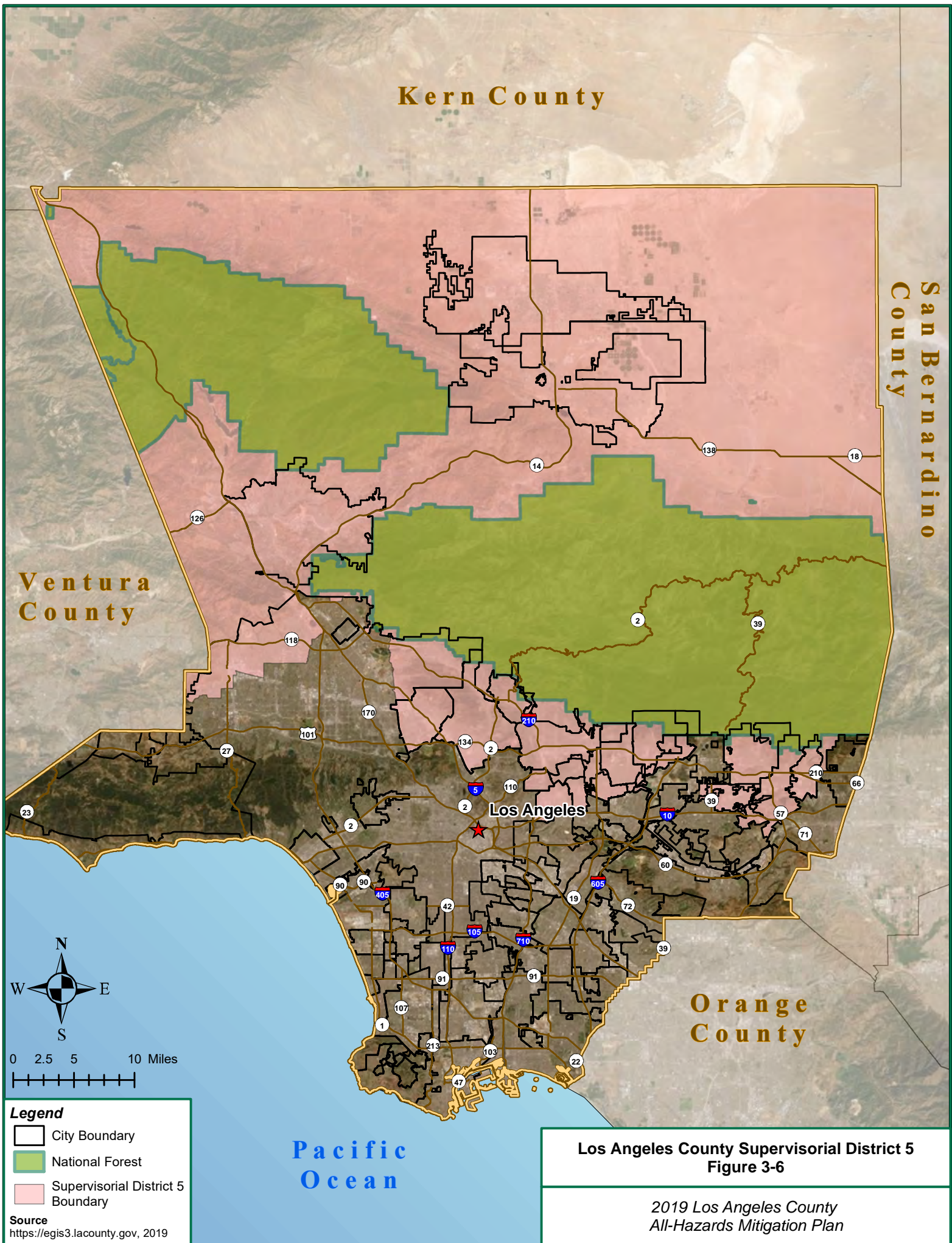
0 5 10 Miles

- Legend**
- City Boundary
 - Supervisorial District 4 Boundary

Source
<https://egis3.lacounty.gov>, 2019

Los Angeles County Supervisorial District 4
Figure 3-5

*2019 Los Angeles County
All-Hazards Mitigation Plan*



3.2 POPULATION AND DEVELOPMENT TRENDS

Since the drafting of the 2014 AHMP, United States (U.S.) Census Bureau Intercensal Estimates from July 1, 2015, to July 1, 2018, show the number of people residing in Los Angeles County only grew from 10,097,037 to 10,105,518. While the county experienced population growth of 0.50 percent in 2015 and 0.23 percent in 2016, the county population fell by 0.02 percent in 2017 and 0.13 percent in 2018.

The California Department of Finance noted that the decline in population can be linked in part to a decline in birthrate. Researchers at the University of Southern California Lusk Center for Real Estate also suggest that one of the biggest reasons behind Los Angeles County's growth rate slip is due the lack of housing. Despite the city of Los Angeles adding between 15,000 and 17,000 units of housing each year from 2014 to 2018, housing has become prohibitively unaffordable, which has led many young Los Angeles County residents to move out-of-state or put down roots in nearby Inland Empire counties, where thousands of new jobs in distribution hubs and fulfillment centers have fueled more affordable housing development.

For the 2019 AHMP, population and residential buildings are not included in the risk assessment. As 2020 U.S. Census data become available, this information may be included in plan updates.

3.3 VULNERABLE POPULATIONS

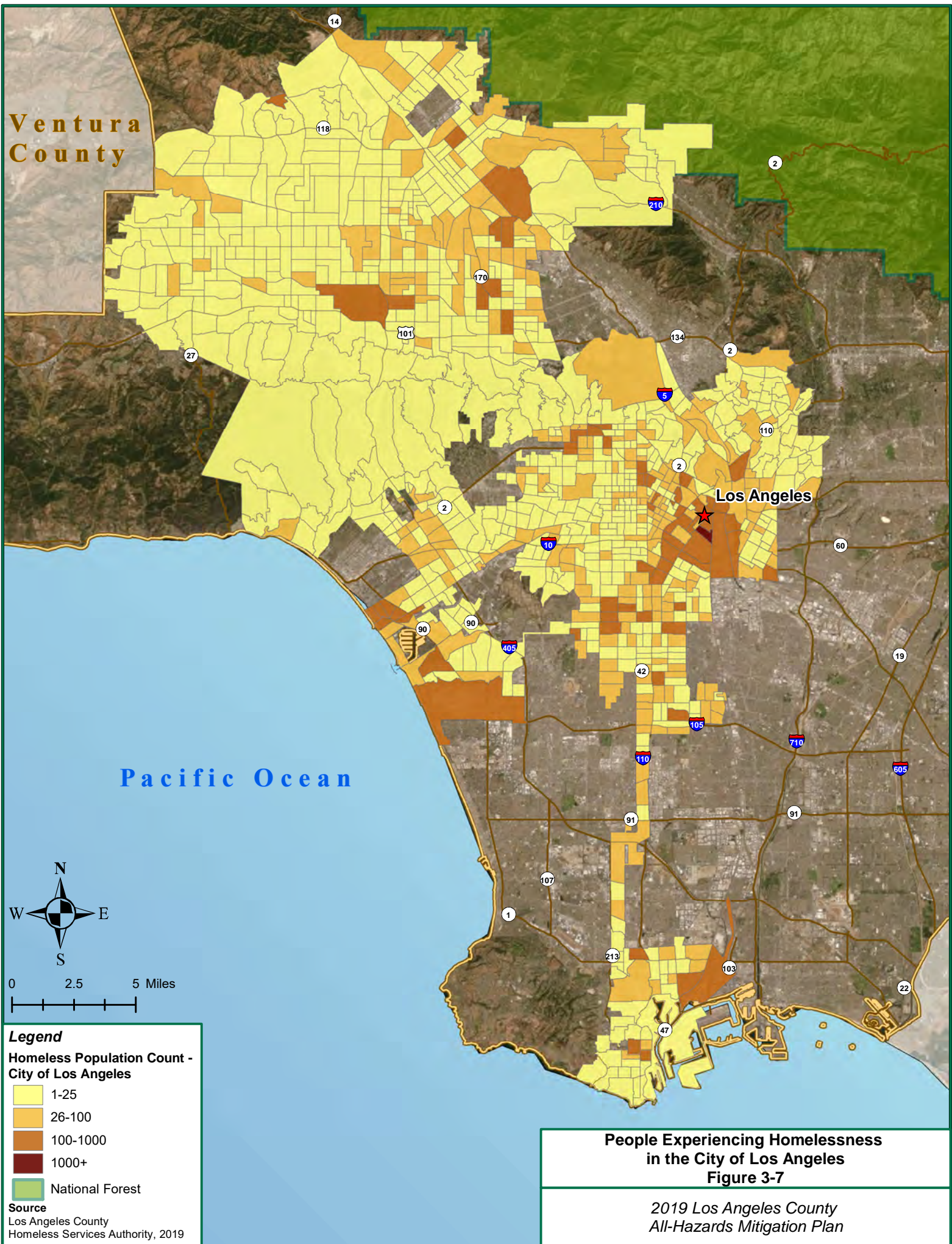
As noted by the Center for Disease Control (CDC), "Everyone must remain safe in an emergency. But for some, it's more difficult." Vulnerable or at-risk groups include people that may have difficulty communicating or accessing medical care, need help maintaining independence, require supervision, and need help accessing transportation.

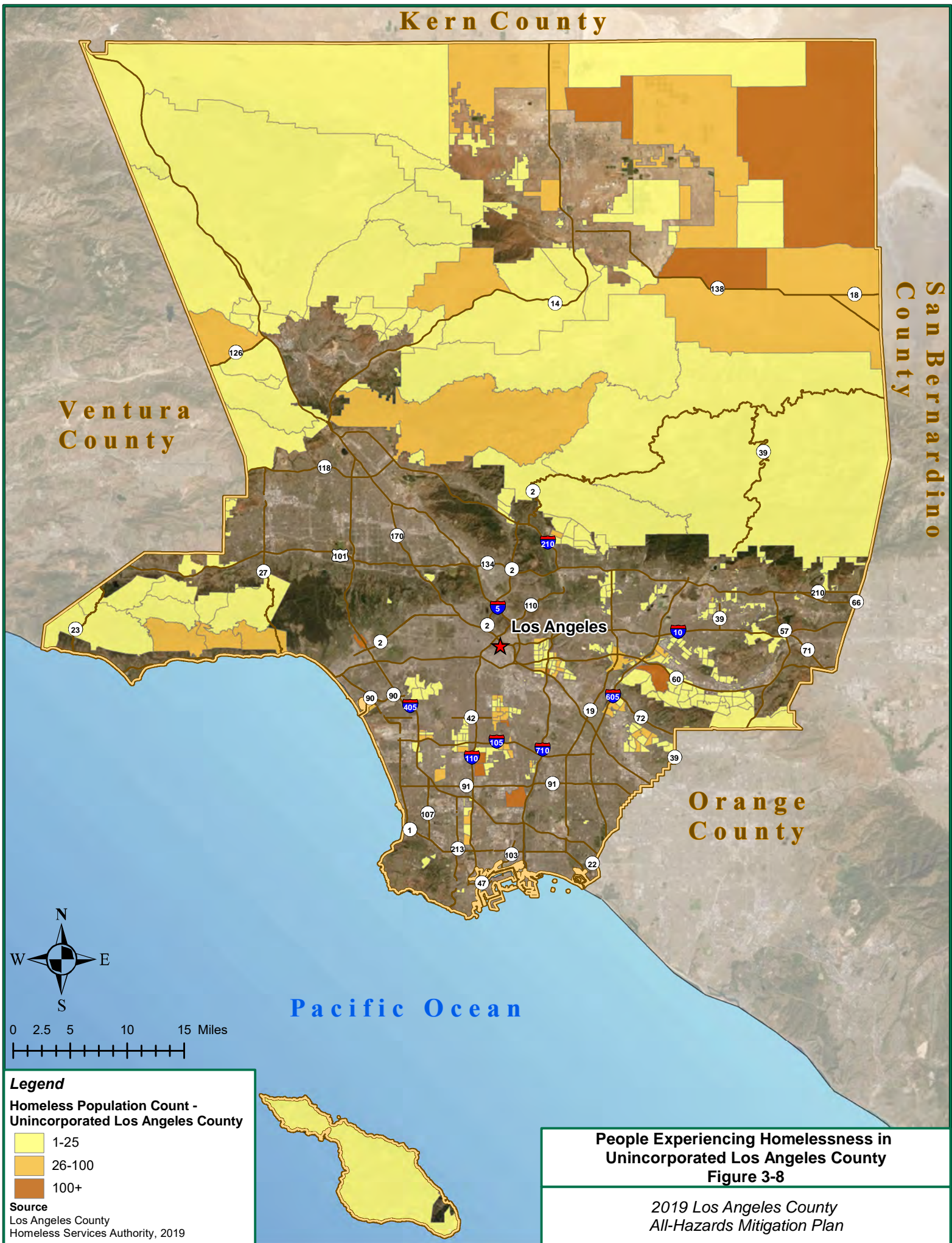
For the 2019 AHMP, vulnerable population groups addressed in the risk assessment include people experiencing homelessness. People experiencing homelessness have become a regional crisis as the number of this vulnerable population group has risen to nearly 60,000 in Los Angeles County alone. **Table 3-7** and **Figures 3-7 and 3-8** show the total point-in-time number of people experiencing homelessness in the city of Los Angeles and Unincorporated Los Angeles County, as captured for the 2019 Greater Los Angeles Homeless Count.

There are several other vulnerable groups at-risk to hazards in Los Angeles County; future updates of the AHMP will expand vulnerable population categories as the 2020 U.S. Census socioeconomic status, household composition and disability, minority status and language, and housing and transportation data becomes available.

Table 3-7. People Experiencing Homelessness

Entity	Total # of People Experiencing Homelessness (Sheltered and Unsheltered)
City of Los Angeles	32,931
Unincorporated Los Angeles County	5,881





3.4 CRITICAL FACILITIES

A critical facility provides services and functions essential to a community, especially during and after a disaster. Common types of critical facilities include: fire stations, police stations, hospitals, schools, water and waste water systems, and utilities. Critical facilities may also include places that can be used for sheltering or staging purposes, such as community centers and libraries. Critical facilities may also include large public gathering spots.

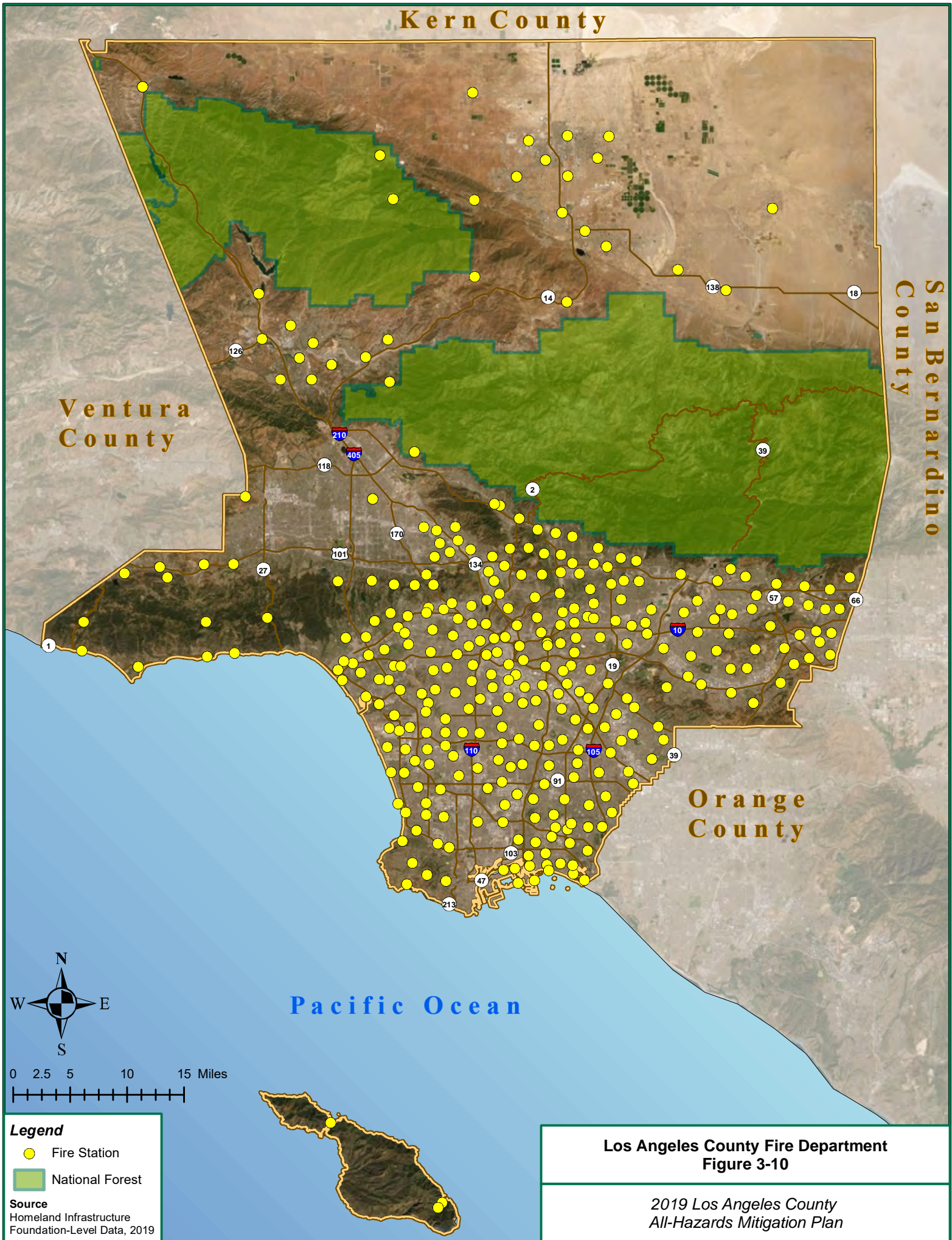
Los Angeles County does not currently maintain a centralized critical facilities database. For the 2019 AHMP, 915 major county-owned and county-related critical facilities were collected from various county department and agencies and also from the U.S. Department of Homeland Security's (DHS) Homeland Infrastructure-Foundation-Level Data site. Critical facility names and addresses were then geocoded to a location and the resulting geographic features were used for the risk assessment. The results of this process are shown in **Table 3-8** and **Figure 3-9** through **Figure 3-19**. Facility-specific information is provided in **Appendix B**. Some departments and agencies have multiple facilities at the same location; hence there are duplications of facility sites.

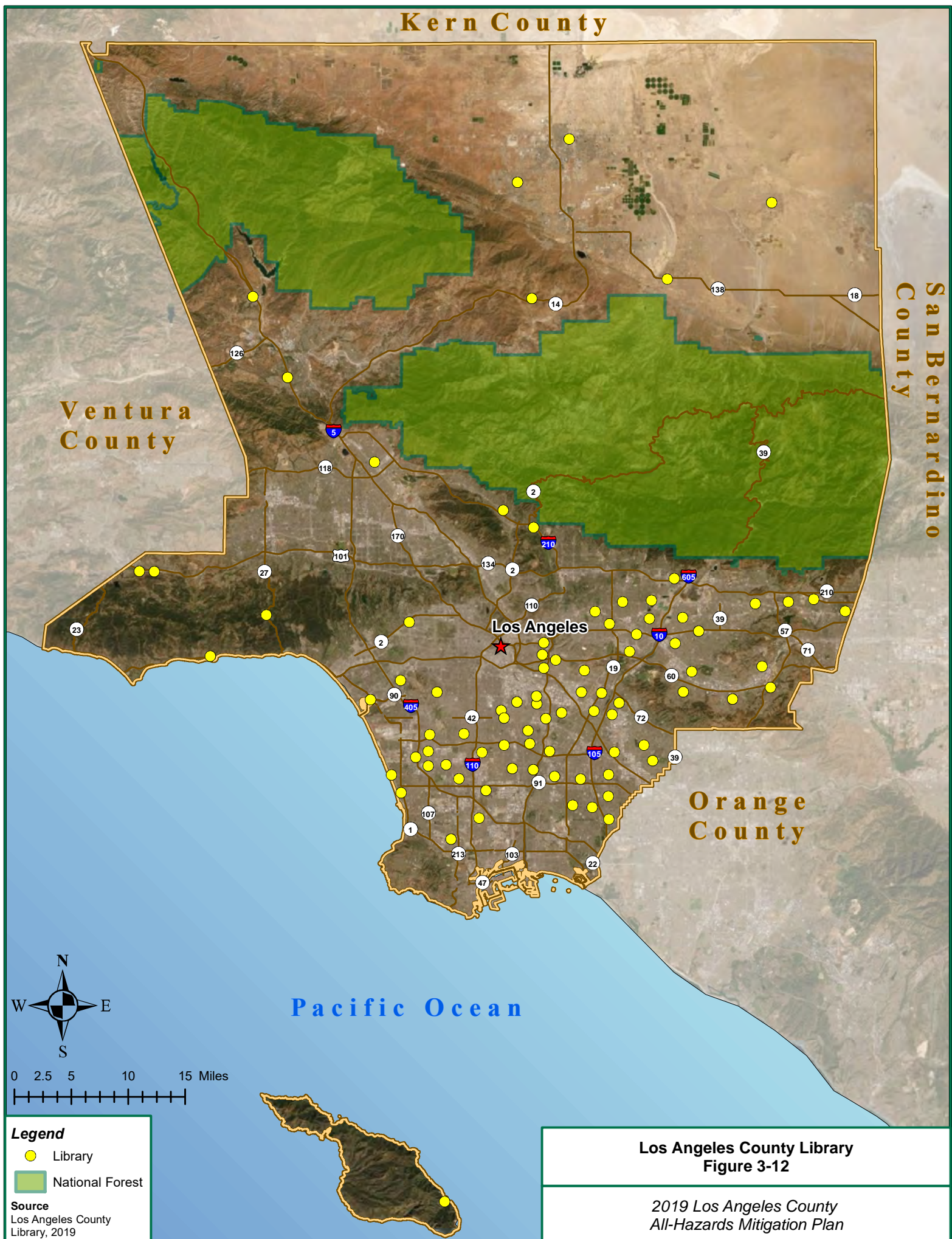
The County hopes to implement a coordinated data collection and database system for critical facilities; as such, future updates to this plan will likely include an expanded critical facilities list.

Table 3-8. Los Angeles County-Owned and County-Related Critical Facilities

Department / Agency	# of Facilities
Los Angeles County Animal Care & Control	7
Los Angeles County Fire Department	337*
Los Angeles County Health Services	29
Los Angeles County Library	85
LACMA & NHM	4
Los Angeles County Office of Education	37
Los Angeles County - Other (offices)	24
Los Angeles County Parks & Recreation	117
Los Angeles County Public Health	14
Los Angeles County Public Works	230
Los Angeles County Sheriff's Department	31

Note: The fire stations identified for this plan include those located within the 59 cities and all the unincorporated areas that the Los Angeles County Fire Department serves.





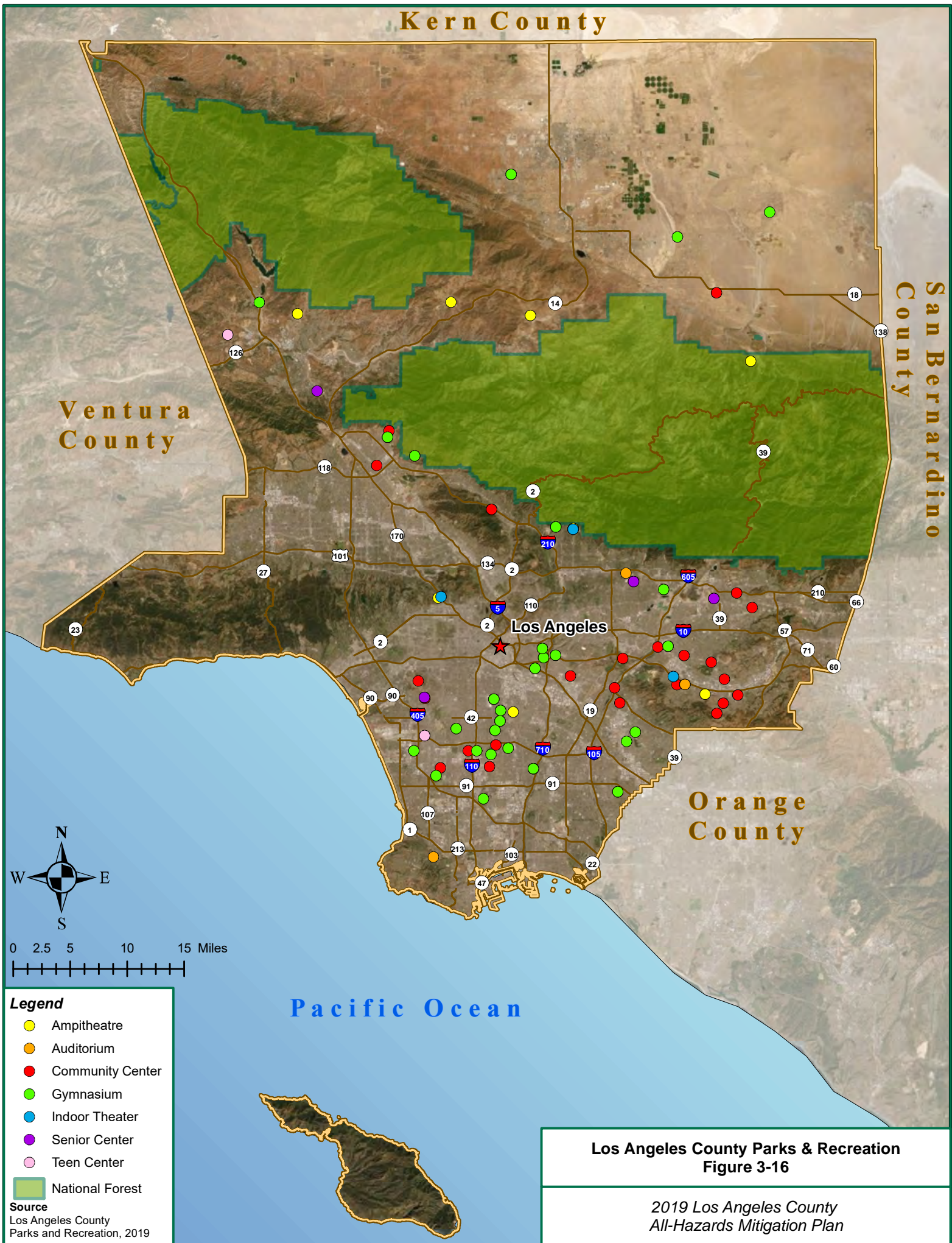


Los Angeles County Museum of Art
and Museum of Natural History
Figure 3-13

2019 Los Angeles County
All-Hazards Mitigation Plan









Los Angeles County Sheriff's Department
Figure 3-19

2019 Los Angeles County
All-Hazards Mitigation Plan

4 HAZARD IDENTIFICATION AND RISK ASSESSMENT

Section 4 – Hazard Identification and Risk Assessment addresses Element B of the Local Mitigation Plan Regulation Checklist.

Regulation Checklist – 44 CFR 201.6 Local Mitigation Plans
Element B: Hazard Identification and Risk Assessment
<p>B1. Does the Plan include a description of the type, location, and extent of all natural hazards that can affect each jurisdiction(s)? (Requirement § 201.6(c)(2)(ii))</p> <p>B2. Does the Plan include information on previous occurrences of hazard events and on the probability of future hazard events for each jurisdiction? (Requirement § 201.6(c)(2)(i))</p> <p>B3. Is there a description of each identified hazard's impact on the community as well as an overall summary of the community's vulnerability for each jurisdiction? (Requirement § 201.6(c)(2)(ii))</p> <p>B4. Does the Plan address NFIP insured structures within the jurisdiction that have been repetitively damaged by floods? (Requirement § 201.6(c)(2)(ii))</p>

For the 2019 AHMP, the AHMP project manager and consultant revisited the hazards addressed in the 2014 AHMP. It was determined that the primary focus of the 2019 AHMP should be natural hazards and secondary hazards, as a result of a natural hazard. In addition, it was decided that climate change should be included in the plan, as increasing surface temperatures will likely result in more droughts and subsequently the risk of wildfires. Therefore, climate change, dam failure, drought, earthquake, flood, landslide, tsunami, and wildfire are profiled in the 2019 AHMP.

Hazard identification consists of describing the nature of the hazard, disaster history, location, extent/severity, and probability of future events. Hazard identification profiles have been developed for each of the eight hazards addressed in **Section 4.1** through **Section 4.8**. Additionally, impact (i.e., risk assessment) tables have been created for each hazard. Quantitative impact tables were prepared using GIS analysis for climate change (sea level rise), dam failure, earthquake, flood, landslide, tsunami, and wildfire, while a qualitative impact table was prepared for drought. Impacts considered include: land area, vulnerable populations and critical facilities. Overall summary descriptions have been developed as well. NFIP insured structures are discussed in **Table 4-23**. **Appendix C** contains unincorporated area-specific and critical facility-specific impact tables.

According to the *Comprehensive Preparedness Guide (CPG) 201: Threat and Hazard Identification and Risk Assessment Guide—Second Edition* (CPG 201) drought, earthquake, flood, landslide, tsunami, and wildfire are classified natural hazards, while dam failure is classified as a technological hazard (but is often a secondary hazard of other natural hazards). CPG 201 does not classify climate change. As such, the hazards profiled for this AHMP are discussed in alphabetical order and not by CPG 201 classification. **The order does not signify level of risk.**

4.1 CLIMATE CHANGE

Table 4-1. Climate Change Identification Profile

Profile	Description
Nature	<p>Climate change is defined as the average statistics of weather, which includes temperature, precipitation, and seasonal patterns in a particular region. Climate change refers to the long-term and irrevocable shift in these weather-related patterns, either regionally or globally. The Earth and its natural ecosystem are very closely tied to the climate and any permanent climate change will lead to an imbalance in the existing ecosystem, impacting the way people live, the food they grow, their health, the wildlife, the availability of water, and much more. Research indicates that much of this warming is due to human activities, primarily burning fossil fuels and clearing forests, that release carbon dioxide (CO₂) and other gases into the atmosphere, trapping in heat that would otherwise escape into space. Once in the atmosphere, these heat-trapping emissions remain there for many years (for example, CO₂ lasts about 100 years. If left unchecked, by the end of the century, CO₂ concentrations could reach levels three times higher than pre-industrial times.</p> <p>According to most climatologists, the planet is starting to experience shifts in climate patterns and increased frequency of extreme weather events at both the global and local levels. Over the next century, increasing atmospheric greenhouse gas concentrations are expected to cause a variety of changes to local climate conditions, including sea level rise and storm surge in coastal areas, reduced mountain snow pack, increased riverine flooding, and more frequent, higher temperatures (leading to extreme heat events and wildfires), particularly inland, decreasing air quality, and extended periods of drought.</p> <p>These effects of climate change are expected to negatively impact water and electricity demand and supplies in Los Angeles County. Decreasing air quality and extreme heat days will degrade public health, as well as and increase wildfire risk. And low-lying water front areas may flood or be underwater from sea level rise.</p>
Location	According to the National Climate Assessment, the entire Pacific coastal region, including Los Angeles County, has been affected by climate change.
History	<p>The history of the scientific discovery of climate change began in the early 19th century, when ice ages and other natural changes in paleoclimate were first suspected and the natural greenhouse effect first identified. In the late 19th century, scientists first argued that human emissions of greenhouse gases could change the climate. Many other theories of climate change were advanced, involving forces from volcanism to solar variation. In the 1960s, the warming effect of carbon dioxide gas became increasingly convincing, although some scientists also pointed out that human activities, in the form of atmospheric aerosols (e.g., "pollution"), could have cooling effects as well. During the 1970s, scientific opinion increasingly favored the warming viewpoint. By the 1990s, as a result of improving fidelity of computer models and observational work confirming the Milankovitch theory of the ice ages, a consensus position formed: greenhouse gases were deeply involved in most climate changes, and human emissions were bringing serious global warming.</p> <p>Since the 1990s, scientific research on climate change has included multiple disciplines and has expanded, significantly increasing our understanding of causal relations, links with historic data, and ability to numerically model climate change. The most recent work has been summarized in the Assessment Reports by the Intergovernmental Panel on Climate Change (IPCC). Climate change is a significant and lasting change in the statistical distribution of weather patterns over periods ranging from decades to millions of years. It may be a change in average weather conditions, or in the distribution of weather around the average conditions (i.e., more or fewer extreme weather events). Climate change is caused by factors that include oceanic processes (such as oceanic circulation), biotic processes, variations in solar radiation received by Earth, plate</p>

Table 4-1. Climate Change Identification Profile

Profile	Description
	tectonics and volcanic eruptions, and human-induced alterations of the natural world; these latter effects are currently causing global warming, and "climate change" is often used to describe human-specific impacts.
Extent / Severity	<p>Over the next century, weather patterns that are considered extreme today are expected to become the norm. The average summer temperature will rise, and in inland areas 100-plus degree Fahrenheit (°F) days will occur more frequently. A temperature change map (Figure 4-1) produced by the California Nevada Climate Applications Program predict that the average temperature in the region is expected to rise between 2.5 and 8°F. Drier conditions will also make wildfires more frequent and intense.</p> <p>The National Oceanic and Atmospheric Administration has produced a sea level rise view that shows the impacts of predicted sea level rise. As shown in Figure 4-2, a sea level rise of just 3 feet above mean higher high tide (approximate year 2050 – 2060) will result in coastal flooding of 2.25 square miles of Los Angeles County and 0.03 square miles of unincorporated areas of Los Angeles County, while a sea level rise of 6 feet above mean higher high tide (approximate year 2100) will result in coastal flooding of 6.13 square miles of Los Angeles County and 0.15 square miles of unincorporated areas of Los Angeles County.</p>
Recurrence Probability	<p>The specific probability of the extent and frequency climate change induced impacts is uncertain and depends on various climate modeling assumptions. While there is some uncertainty about the rate of climate of change and the severity and frequency of extreme weather events, the IPCC, in its Fifth Assessment of Climate Change (2014), concluded that:</p> <p>...warming of the climate system is unequivocal, and since the 1950s, many of the observed changes are unprecedented over decades to millennia. The atmosphere and ocean have warmed, the amounts of snow and ice have diminished, sea level has risen, and the concentrations of greenhouse gases have increased...It is extremely likely that human influence has been the dominant cause of the observed warming since the mid-20th century.</p>

Table 4-2. Climate Change Impact on Land Area

Entity	3 Ft. Sea Level Rise		6 Ft. Sea Level Rise	
	# of Sq. Miles	% of Sq. Miles	# of Sq. Miles	% of Sq. Miles
Los Angeles County	2.25	0.05	6.13	0.13
Unincorporated Los Angeles County	0.03	0.00	0.15	0.00
Supervisory District 1	0.00	0.00	0.00	0.00
Supervisory District 2	0.03	0.02	0.07	0.04
Supervisory District 3	0.14	0.03	0.34	0.08
Supervisory District 4	1.98	0.45	5.58	1.27
Supervisory District 5	0.00	0.00	0.00	0.00

Table 4-3. Climate Change Impact on Vulnerable Populations – People Experiencing Homelessness

Entity	3 Ft. Sea Level Rise		6 Ft. Sea Level Rise	
	# of Homeless	% of Homeless	# of Homeless	% of Homeless
City of Los Angeles	51	0.15	126	0.38
Unincorporated Los Angeles County	0	0.00	2	0.04

Table 4-4. Climate Change Impact on County Critical Facilities

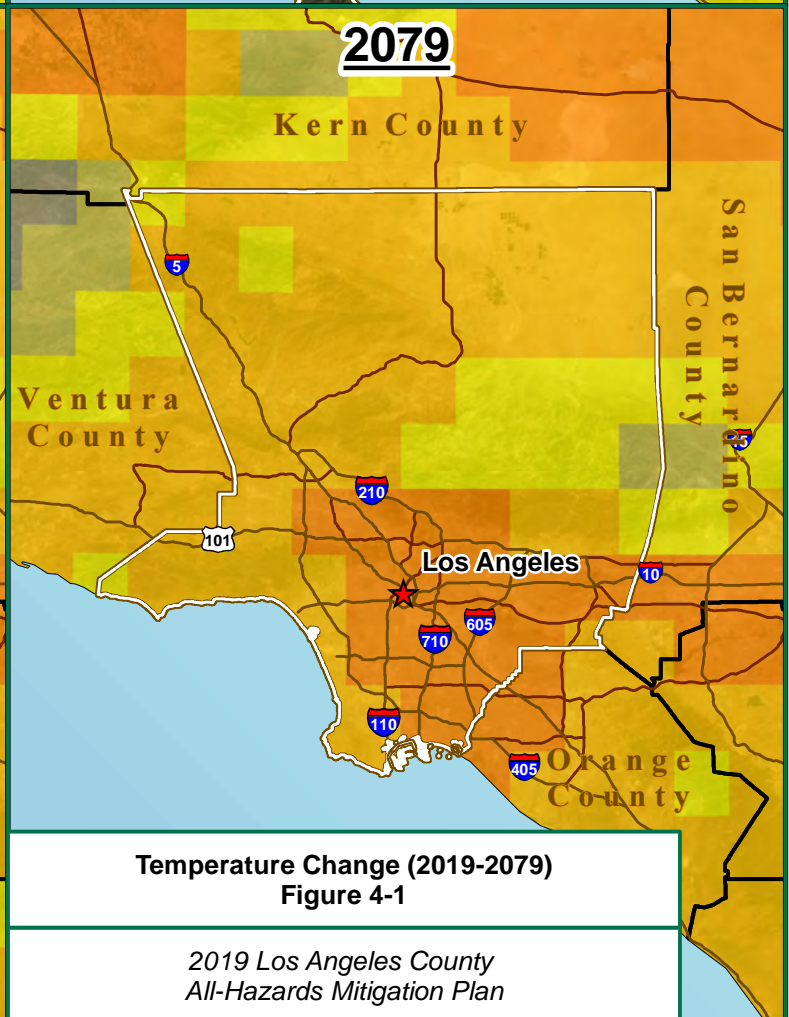
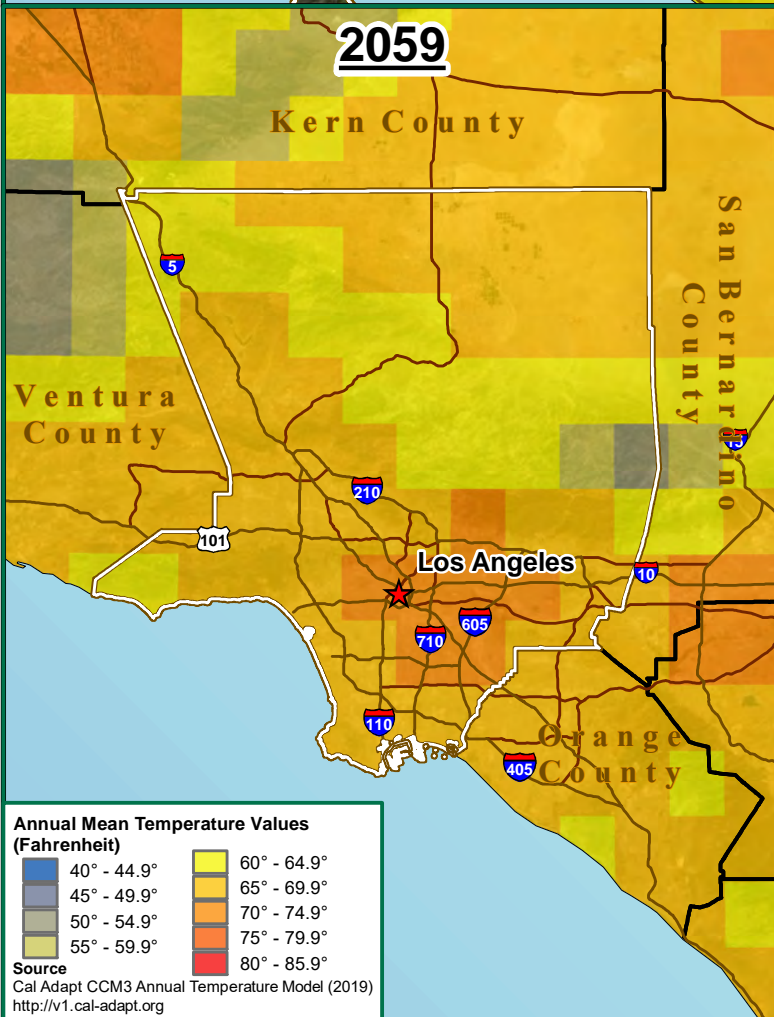
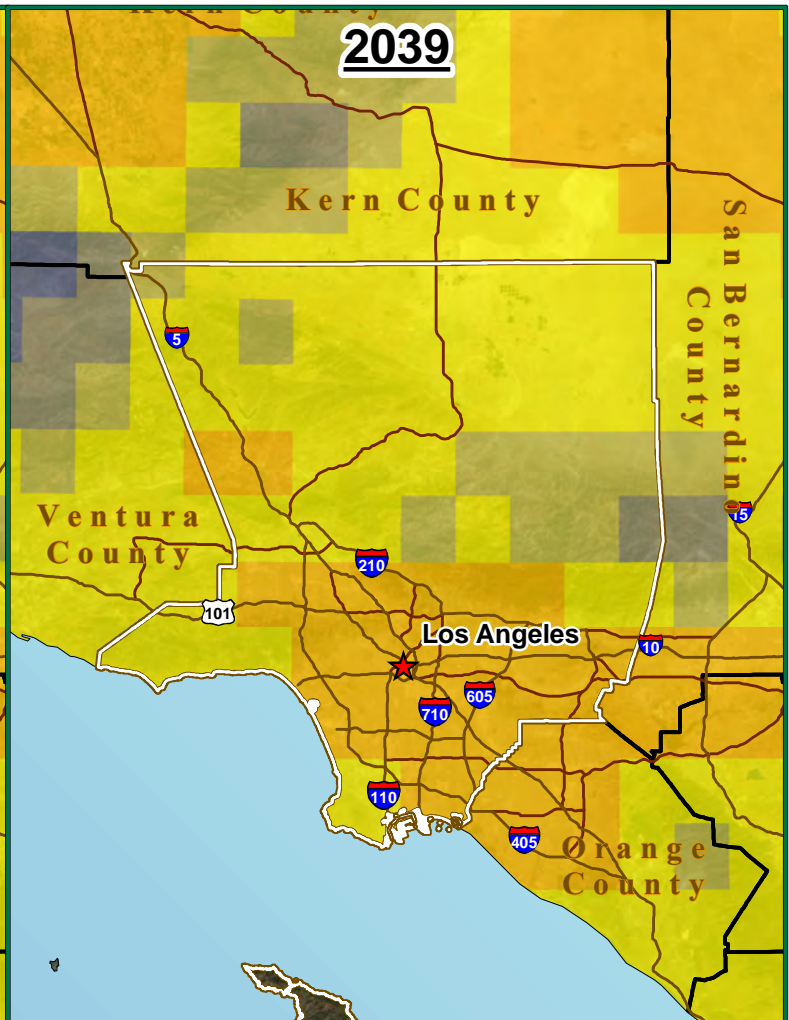
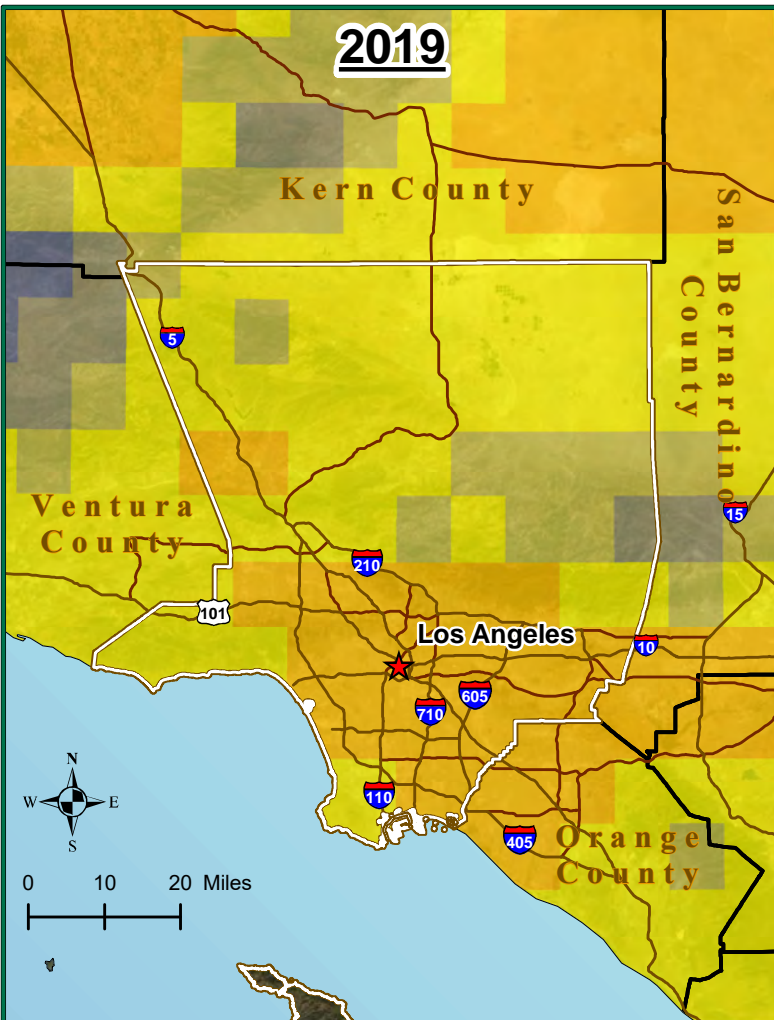
Department/ Agency	3 Ft. Sea Level Rise		6 Ft. Sea Level Rise	
	# of Facilities	% of Facilities	# of Facilities	% of Facilities
Los Angeles County Animal Care & Control	0	0.00	0	0.00
Los Angeles County Fire Department	1	0.00	5	1.4
Los Angeles County Health Services	0	0.00	0	0.00
Los Angeles County Library	0	0.00	0	0.00
LACMA & NHM	0	0.00	0	0.00
Los Angeles County Office of Education	0	0.00	0	0.00
Los Angeles County - Other (offices)	0	0.00	0	0.00
Los Angeles County Parks & Recreation	0	0.00	0	0.00
Los Angeles County Public Health	0	0.00	0	0.00
Los Angeles County Public Works	3	1.30	6	2.61
Los Angeles County Sheriff's Department	1	3.23	0	0.00

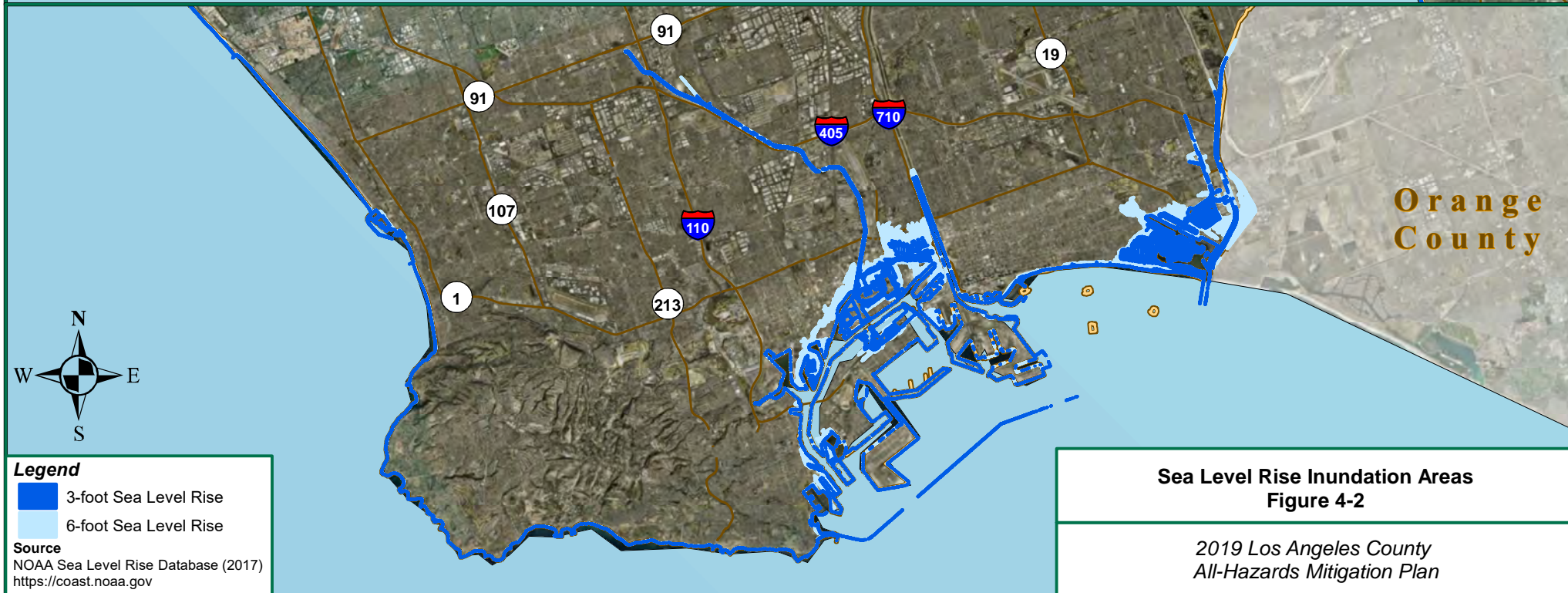
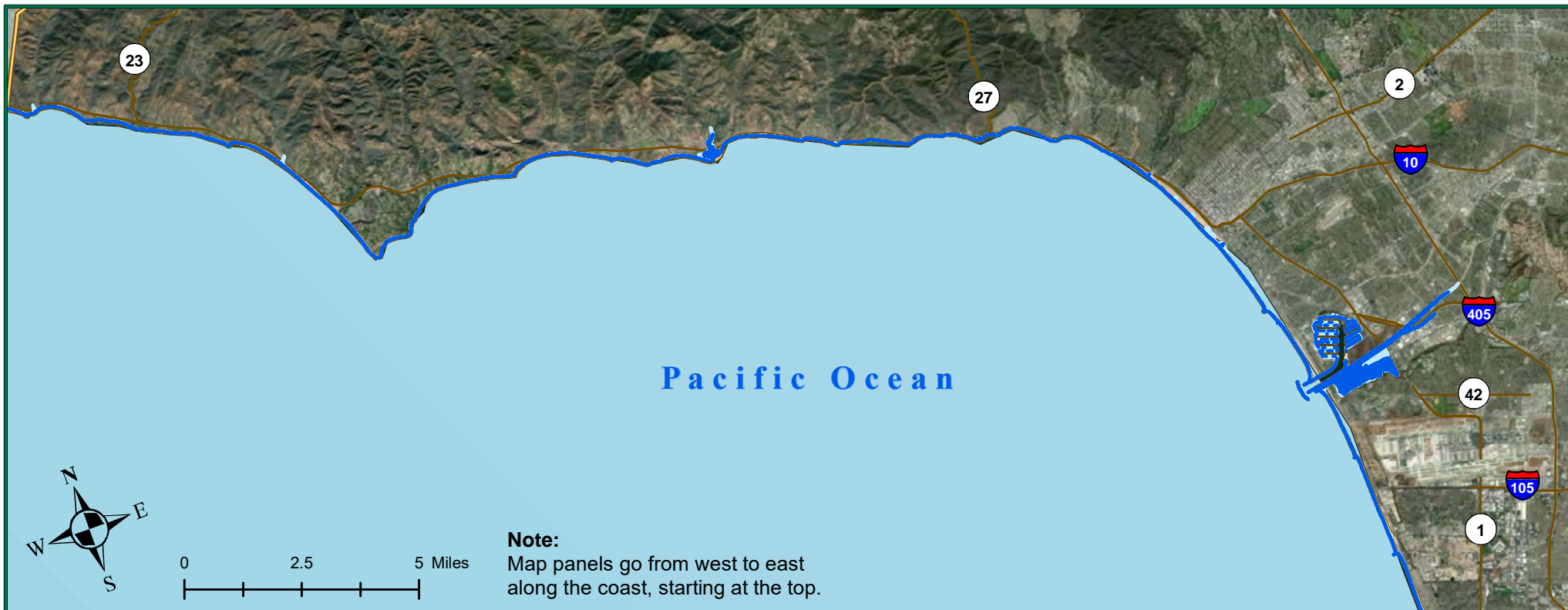
LACMA = Los Angeles County Museum of Art

NHM = Natural History Museum

Table 4-5. Overall Summary of Vulnerability to Climate Change

Climate Change	
Summary	<p>Climate change will affect every person and every area of Los Angeles County. As noted above, the number of extreme heat days will rise, and inland county areas will experience days with temperatures in excess of 100°F more frequently. Extreme heat can trigger a variety of heat stress conditions, such as heat stroke. Higher temperatures can also contribute to the build-up of harmful pollutants and cause respiratory issues. Drier, hotter conditions will also make wildfires more frequent and intense, particularly in the High and Very High Fire Hazard Severity Zones (FHSZ). Wildfires can: burn homes, businesses, and critical facilities; interrupt transportation and utilities; and cause death to people and animals.</p> <p>In addition, mega storms that are linked to climate change will cause severe flooding in cities and form lakes in the Central Valley and Mojave Desert. Along the coast, deadly and destructive storm surges will push farther inland than they once did, which means more frequent nuisance flooding.</p> <p>Los Angeles County is addressing climate change through the implementation of the 2015 Community Climate Action Plan. The plan describes how the County will address the impacts of climate change by reducing greenhouse gas emissions from community activities in the unincorporated areas of Los Angeles County by at least 11% below 2010 levels by 2020. Additionally, in April 2019 the mayor of Los Angeles released the city's Green New Deal, which "sets aggressive goals for the city's sustainable future, tackles the climate emergency with accelerated targets... and sets L.A. on course to be carbon neutral by 2050."</p>





4.2 DAM FAILURE

Table 4-6. Dam Failure Identification Profile

Profile	Description
Nature	<p>Dam failure is the structural collapse of a dam that releases the water stored in the reservoir behind the dam. A dam failure is usually the result of the age of the structure, inadequate spillway capacity used in construction, or structural damage caused by an earthquake or flood. When a dam fails, a large quantity of water is suddenly released with a great potential to cause human casualties, economic loss, and environmental damage. This type of disaster is especially dangerous because it can occur suddenly, providing little warning and evacuation time for the people living downstream. The flows resulting from dam failure generally are much larger than the capacity of the downstream channels and therefore lead to extensive flooding. Flood damage occurs as a result of the momentum of the flood caused by the sediment-laden water flooding over the channel banks and impact debris carried by the flow.</p>
Location	<p>According to the California Department of Water Resource's Division of Safety of Dams (DSOD), there are 90 dams under State jurisdiction in Los Angeles County. A dam breach inundation map shows flooding that could result from a hypothetical failure of a dam or its critical appurtenant structure. In 2017, the California Legislature passed a law requiring all State jurisdictional dam owners, except for owners of low-hazard dams, to develop inundation maps approved by DSOD and emergency action plans approved by Cal OES.</p> <p>At the time of the drafting of this plan in early July 2019, 12 State jurisdictional dams in Los Angeles County had approved dam breach inundation maps, including:</p> <ul style="list-style-type: none"> • Castaic Lake Dam: an earthen dam with a storage capacity of 323,700 acre-feet in Warm Springs Mountain • Pyramid Dam: an earthen and rock dam with a storage capacity of 178,700 acre-feet in Black Mountain • Chevy Chase 1290: an earthen dam with a storage capacity 17 acre-feet of in Pasadena • Elysian Dam: and earthen dam with a storage capacity of 167 acre-feet in Los Angeles • Lower San Fernando Dam: hydraulic fill dam with a storage capacity of 9,843 acre-feet in San Fernando • Eagle Rock Dam: an earthen dam with a storage capacity of 254 acre-feet in Pasadena • Santa Ynez Canyon Dam: an earthen dam with a storage capacity 356 acre-feet in Topanga • Devils Gate Dam: a gravity dam with a storage capacity of 2,600 acre-feet Pasadena • Palos Verdes Reservoir: an earthen dam with a storage capacity of 1,100 acre-feet in Torrance • Littlerock – Palmdale Dam: a roller-compacted concrete dam with a storage capacity of 4,600 acre-feet in Pacifico Mountain • Harold Reservoir: an earthen dam with a storage capacity of 3,870 acre-feet in Palmdale • Westlake Reservoir: an earthen dam with a storage capacity of 9,200 acre-feet in Westlake Village

Table 4-6. Dam Failure Identification Profile

Profile	Description
History	<p>Los Angeles County was the scene of the worst dam failure in United States history. The St. Francis Dam was built in San Francisquito Canyon, approximately 40 miles northwest of downtown Los Angeles, in 1924. On the night of March 12-13, 1928, the dam catastrophically failed, releasing approximately 12.4 billion gallons of water. At least 411 people were killed. Subsequent investigations determined that the dam failed as a result of defective foundations that had been built upon an unstable rock formation. As a result of the disaster, the State of California increased dam safety legislation and oversight, and created a state Board of Registration for civil engineers to regulate the industry.</p>
Extent / Severity	<p>The Federal Guidelines for Inundation Mapping of Flood Risks Associated with Dam Incidents and Failures (FEMA P-946, July 2013) defines downstream hazards for dam incidents. Downstream hazards are based “solely on the potential downstream impacts to life and property should the dam fail when operating with a full reservoir.” FEMA has developed three categories in increasing severity for downstream hazards: Low, Significant, and High. DSOD adds a fourth category of Extremely High. In Los Angeles County there are 40 dams that are classified as High, with the potential impact expected to cause loss of at least one human life, and 30 dams classified as Extremely High, with the potential impact expected to cause considerable loss of human life or result in an inundation area with a population of 1,000 or more.</p> <p>As noted in Figure 4-3, nine Extremely High hazard dams and three High hazard dams in the county have approved dam breach inundation maps for a total of 45.70 square miles (0.96 %) in Los Angeles County, and a total of 13.37 square miles (0.44 %) in the unincorporated areas of Los Angeles County.</p>
Recurrence Probability	<p>Dams fail for a variety of reasons, including Sub-standard construction materials/techniques, spillway design error, geological instability, poor maintenance, and earthquakes, and therefore recurrence probabilities are unknown. State jurisdiction dams are regulated by the DSOD and each dam undergoes inspection on an annual basis to ensure it is safe, performing as intended, and is not developing issues. However, in 2017, the United States Army Corps of Engineers (USACE) discovered that the Whittier Narrows Dam was structurally unsafe and that an intense storm could prematurely open the dam’s massive spillway and flood the area below from Pico Rivera to Long Beach. The USACE has reclassified the dam as the agency’s highest dam priority nationally because of the risk of “very significant loss of life and economic impacts.” Construction on the dam is expected to start in 2021 and conclude by 2025.</p>

Table 4-7. Dam Failure Impact on Land Area

Entity	Dam Breach Inundation	
	# of Sq. Miles	% of Sq. Miles
Los Angeles County	45.70	0.96
Unincorporated Los Angeles County	13.37	0.44
Supervisory District 1	1.40	0.57
Supervisory District 2	0.00	0.00
Supervisory District 3	24.84	5.76
Supervisory District 4	0.67	0.15
Supervisory District 5	18.00	0.64

Table 4-8. Dam Failure Impact on Vulnerable Populations – People Experiencing Homelessness

Entity	Dam Breach Inundation	
	# of Homeless	% of Homeless
City of Los Angeles	1,193	3.62
Unincorporated Los Angeles County	13	0.22

Table 4-9. Dam Failure Impact on County Critical Facilities

Department / Agency	Dam Breach Inundation	
	# of Facilities	% of Facilities
Los Angeles County Animal Care & Control	1	14.29
Los Angeles County Fire Department	3	0.89
Los Angeles County Health Services	2	6.90
Los Angeles County Library	1	1.18
LACMA & NHM	0	0.00
Los Angeles County Office of Education	2	5.41
Los Angeles County - Other (offices)	0	0.00
Los Angeles County Parks & Recreation	2	1.71
Los Angeles County Public Health	0	0.00
Los Angeles County Public Works	1	0.43
Los Angeles County Sheriff's Department	3	9.68

Table 4-10. Overall Summary of Vulnerability to Dam Failure

Dam Failure	
Summary	<p>There are 90 dams in Los Angeles County under State jurisdiction. Seventy dams are classified as High and Extremely High hazard and failure of these types of dams will cause loss of human life and/or result in an inundation area with a population of 1,000 or more.</p> <p>As of June 2017, all dams except those classified as Low hazard are required by the DSOD to have an Emergency Action Plan (EAP). An EAP identifies incidents that can lead to potential emergency conditions at a dam, identifies the areas that could be affected by the loss of a reservoir and specifies pre-planned actions to be followed to minimize property damage, potential loss of infrastructure and water resources, and potential loss of life due to failure or misoperation of a dam. EAPs also require dam breach inundation maps to be prepared.</p> <p>While the State regulates dams to prevent failure, safeguard life, and protect property, some researchers doubt that the “overall safety of aging federal flood control systems that were not designed with climate change in mind.” They argue that as California experiences more intense storms, the aging dams in the area could fail and/or prematurely open and flood homes, schools, businesses, and roads.</p> <p>In 2016, Climate-Safe Infrastructure Bill (Assembly Bill [AB] 2800) became law and “established the Climate-Safe Infrastructure Working Group to develop recommendations to the California legislature on how to build and design our infrastructure to be safer for Californians in the face of growing climate extremes.” The Working Group’s 2018 report identified nearly 700 High hazard dams in California needing repairs and upgrades.</p>



Table 4-11. Drought Identification Profile

Profile	Description
Nature	<p>Drought is a normal, recurrent feature of virtually all climatic zones, including areas of both high and low rainfall, although characteristics will vary significantly from one region to another. Drought differs from normal aridity, which is a permanent feature of the climate in areas of low rainfall. Drought is the result of a natural decline in the expected precipitation over an extended period of time, typically one or more seasons in length. Other climatic characteristics, such as high temperature, high wind, and low relative humidity, impact the severity of drought conditions. Four common definitions for drought are provided as follows:</p> <ul style="list-style-type: none"> • Meteorological drought is defined solely on the degree of dryness, expressed as a departure of actual precipitation from an expected average or normal amount based on monthly, seasonal, or annual time scales. • Hydrological drought is related to the effects of precipitation shortfalls on stream flows and reservoir, lake, and groundwater levels. • Agricultural drought is defined principally in terms of soil moisture deficiencies relative to water demands of plant life, usually crops. • Socioeconomic drought associates the supply and demand of economic goods or services with elements of meteorological, hydrologic, and agricultural drought. Socioeconomic drought occurs when the demand for water exceeds the supply as a result of weather-related supply shortfall. It may also be referred to as a water management drought. <p>A drought's severity depends on numerous factors, including duration, intensity, and geographic extent, as well as regional water supply demands by humans and vegetation. Due to its multi-dimensional nature, drought is difficult to define in exact terms and poses difficulties in terms of comprehensive risk assessments.</p> <p>Drought differs from other natural hazards in three ways. First, the onset and end of a drought are difficult to determine due to the slow accumulation and lingering of effects of an event after its apparent end. Second, the lack of an exact and universally accepted definition adds to the confusion of its existence and severity. Third, in contrast with other natural hazards, the impact of drought is less obvious and may be spread over a larger geographic area. These characteristics have hindered the preparation of drought contingency or mitigation plans by many governments.</p>
Location	<p>The occurrence of drought is regional in nature and scope, which holds true for Los Angeles County. As such, when drought occurs it typically affects the entire county.</p>
History	<p>Drought is a cyclic part of the climate of California, occurring in both summer and winter, with an average recurrence interval between 3 and 10 years. Droughts in California over the past 100 years are listed as follows. The most recent drought from 2011 to 2015 was the driest 4-year period on record in California since recordkeeping began in 1895.</p> <ul style="list-style-type: none"> • 1917-1921, Statewide except for central Sierra Nevada and north coast • 1922-1926, Statewide except for central Sierra Nevada • 1928-1937, Statewide • 1943-1951, Statewide • 1959-1962, Statewide • 1976-1977, Statewide, except for southwestern deserts • 1987-1992, Statewide • 2007-2009, Statewide, particularly the central coast • 2011-2015, Statewide

Table 4-11. Drought Identification Profile

Profile	Description
Extent / Severity	The National Drought Mitigation Center produces drought monitor maps for the United States. It classifies droughts into five categories: D0 is the least severe, with abnormally dry conditions; and D4 is the most severe, with exceptional drought conditions. California, including Los Angeles County, was in some form of drought for 376 consecutive weeks from December 20, 2011 until March 14, 2019. As of August 13, 2019, Los Angeles County remains free of drought.
Recurrence Probability	Researchers for California's Fourth Climate Change Assessment have noted that California has a "highly variable climate" with wet or dry periods that can span years and that are "heavily affected by extreme precipitation events." Furthermore, climate scientists also suggest the possibility of longer and more destructive droughts with climate change. As such, California is likely to experience long-term droughts at least every decade.

Table 4-12. Drought Impact

Drought	
Summary	Severe droughts can impact the region's agriculture, forests, hydropower, groundwater supply, recreation, aquatic ecosystems, as well as isolated communities that have limited water supply.

Table 4-13. Overall Summary of Vulnerability to Drought

Drought	
Summary	Climate scientists predict that Los Angeles County and the rest of southern California will get drier and northern California will get hotter. The resulting loss of snowpack in the Sierra Nevada will mean less water for all Californians – farmers, residents, utilities, and even hatchery fish. However, while drought cannot be controlled, according to the USGS, drought can be managed in two ways: through drought planning and in helping communities make the best day-to-day management decisions while the drought is taking place. During the drafting of this plan update, the Governor of California signed an executive order directing specific State agencies to develop a Water Resilience Portfolio to "ensure safe and dependable water supplies, flood protection and healthy waterways for the state's communities, economy and environment."

4.3 EARTHQUAKE

Table 4-14. Earthquake Identification Profile

Profile	Description
Nature	<p>An earthquake is a sudden motion or trembling caused by a release of strain accumulated in or along the edge of Earth's tectonic plates. The effects of an earthquake can be felt far beyond the site of its occurrence. Earthquakes usually occur without warning and can cause massive damage and extensive casualties in a few seconds. Common effects of earthquakes are ground motion and shaking, surface fault ruptures, and ground failure. Ground motion is the vibration or shaking of the ground during an earthquake. When a fault ruptures, seismic waves radiate, causing the ground to vibrate. The severity of the vibration increases with the amount of energy released and decreases with distance from the causative fault or epicenter. Soft soils can amplify ground motions.</p> <p>In addition to ground motion, several secondary natural hazards can occur from earthquakes, such as the following:</p> <ul style="list-style-type: none"> • Surface Faulting: Surface faulting is the differential movement of two sides of a fault at the Earth's surface. Displacement along faults, both in terms of length and width, varies but can be significant (e.g., up to 20 feet), as can the length of the surface rupture (e.g., up to 200 miles). Surface faulting can cause severe damage to linear structures, including railways, highways, pipelines, tunnels and dams. • Liquefaction: Liquefaction occurs when seismic waves pass through saturated granular soil, distorting its granular structure, and causing some of the empty spaces between granules to collapse. Liquefaction causes lateral spreads (i.e., horizontal movements of commonly 10 to 15 feet, but up to 100 feet), flow failures (i.e., massive flows of soil, typically hundreds of feet, but up to 12 miles), and loss of bearing strength (i.e., soil deformations causing structures to settle or tip). Liquefaction can cause severe damage to property. • Landslides/Debris Flows: Landslides/debris flows occur as a result of horizontal seismic inertia forces induced in the slopes by the ground shaking. The most common earthquake-induced landslides include shallow, disrupted landslides such as rock falls, rockslides, and soil slides. Debris flows are created when surface soil on steep slopes becomes totally saturated with water. Once the soil liquefies, it loses the ability to hold together and can flow downhill at very high speeds, taking vegetation and/or structures with it. Slide risks increase after an earthquake during a wet winter. <p>The two most common measures of earthquake intensity used in the United States are the Modified Mercalli Intensity Scale, which measures felt intensity, and peak ground acceleration (PGA), which measures instrumental intensity by quantifying how hard the earth shakes in a given location. Magnitude (M) is measured by the amplitude of the earthquake waves recorded on a seismograph using a logarithmic scale.</p>

Table 4-14. Earthquake Identification Profile

Profile	Description
Location	<p>As in most of southern and coastal California, the potential for earthquake damage exists throughout Los Angeles County because of the number of active faults in and near the county. These faults are shown on the California Geological Survey (CGS) Fault Activity Map of California. Descriptions of the active faults are provided below. The locations of the active and potentially active faults are shown on Figure 4-4. Some of the more significant faults are described below:</p> <ul style="list-style-type: none"> • Malibu Coast fault system: The Malibu Coast fault system includes the Malibu Coast, Santa Monica, and Hollywood faults. The system begins in the Hollywood area, extends along the southern base of the Santa Monica Mountains, and passes offshore a few miles west of Point Dume. The 1973 Point Mugu earthquake is believed to have originated on this fault system. • Oak Ridge fault system: The Oak Ridge fault system is a steep (65 degrees) southerly dipping reverse fault that extends from the Santa Susana Mountains westward along the southerly side of the Santa Clara River Valley and into the Oxnard Plain. The system is more than 50 miles long on the mainland and may extend an equal or greater distance offshore. Several recorded earthquake epicenters on land and offshore may have been associated with the Oak Ridge fault system. Portions of the system are zoned by the state as active. • Pine Mountain thrust fault and Big Pine fault: These two large faults occur in the mountainous portion of Ventura County north of the Santa Ynez fault; the faults are located 9 and 16 miles north of the city of Ojai, respectively. The Pine Mountain thrust fault is reported to have ruptured the ground surface for 30 miles along its length during the northern Ventura County earthquakes of November 1852. • San Andreas fault: San Andreas is the longest and most significant fault in California. Because of clearly established historical earthquake activity, this fault has been designated as active by the State of California. The last major earthquake on this fault near Ventura County was the Fort Tejon earthquake of 1857, which was estimated at magnitude (M) 8.0 and would have caused considerable damage if there had been structures in the southern part of the county. There is a 59 % chance that an M 6.7 quake or larger will occur on this fault in the next 30 years. • San Cayetano–Red Mountain–Santa Susana fault system: This fault system consists of a major series of north-dipping reverse faults that extend over 150 miles from Santa Barbara County into Los Angeles County. In this system, the San Cayetano fault is the greatest hazard to Ventura County; it is a major, north-dipping reverse fault that extends for 25 miles along the northern portion of the Ventura Basin. The San Fernando earthquake of 1971, described in the previous section, was caused by activity along this fault. • Simi–Santa Rosa fault system: This fault system extends from the Santa Susana Mountains westward along the northern margin of the Simi and Tierra Rejada valleys and along the southern slope and crest of the Las Posas Hills to their westerly termination. • Ventura-Pitas Point fault: The western half of this fault is known as the Pitas Point fault, and the eastern half is known as the Ventura fault. The Pitas Point fault extends offshore into the Pacific Ocean and is roughly 14 miles long. The Ventura fault extends into the communities of Ventura and Sea Cliff and runs roughly parallel to portions of U.S. 101 and State Route 126. The fault is roughly 12 miles long and is a left-reverse fault.

Table 4-14. Earthquake Identification Profile

Profile	Description
History	<p>As shown in Figure 4-5, according to the USGS, 163 earthquakes M 5.0> have been recorded in southern California since 1769. Four of these earthquakes have been larger than M 7.0 including:</p> <ul style="list-style-type: none"> • San Juan Capistrano Earthquake (M 7.5), December 8, 1812 • Kern County Earthquake (M 7.5), July 21, 1952 • West Ventura Earthquake (M 7.1), December 21, 1812 • Ridgecrest, (M 7.1), July 6, 2019 <p>In Los Angeles County, significant earthquakes over the past 50 years include:</p> <ul style="list-style-type: none"> • La Habra (M 5.1), March 28, 2014, resulting in a few injuries and \$10 million dollars in damages • Chino Hills (M 5.5), July 29, 2008, resulting in 8 injuries and limited damages • Northridge (M 6.7), January 17, 1994, resulting in 57 deaths, 8,700 injuries and up to \$40 billion dollars in damages. • Sierra Madre (M 5.6), June 28, 199, resulting in 1 death, 100+ injuries and up to \$40 million dollars in damages. • Upland (M 5.7), February 28, 1990, resulting in 30 injuries and \$12.7 million dollars in damages • Whittier (M 5.9), October 1, 1987, resulting in 8 deaths, 200 injuries and \$358 million in damages • San Fernando (M 6.6), February 9, 1971, resulting in 58 – 65 deaths, 200 – 2,000 injuries and up to \$553 million in damages
Extent / Severity	<p>The strength of an earthquake's ground movement can be measured by PGA. PGA measures the rate in change of motion relative to the established rate of acceleration due to gravity ($g = 980$ centimeters per second, per second). PGA is used to project the risk of damage from future earthquakes by showing earthquake ground motions that have a specified probability (e.g., 10%, 5%, or 2%) of being exceeded in 50 years. The ground motion values are used for reference in construction design for earthquake resistance and can also be used to assess relative hazard between sites when making economic and safety decisions.</p> <p>In 2008, CGS developed an updated map of earthquake shaking potential for California. The map shows the relative intensity of ground shaking and damage in California from anticipated future earthquakes. Regions near major, active faults are shown in red and pink and experience stronger earthquake shaking more frequently. Regions that are distant from known, active faults are shown in orange and yellow and experience lower levels of shaking less frequently. Figure 4-6 indicates the level of low-frequency shaking potential in Los Angeles County (in which local soil conditions have greater effect on low frequency). In Los Angeles County there are 3,041.91 (63.90%) square miles with violent low frequency shaking potential; and 711.01 square miles (14.93%) with extreme low frequency shaking potential. In unincorporated areas of Los Angeles County, there are 1,783.57 (58.65%) square miles with violent low frequency shaking potential; and 527.60 square miles (17.35%) with extreme low frequency shaking potential.</p>

Table 4-14. Earthquake Identification Profile

Profile	Description
Recurrence Probability	<p>Ongoing field and laboratory studies suggest the likely maximum magnitudes and recurrence intervals for the major local faults are as follows:</p> <ul style="list-style-type: none"> • Chatsworth fault: M 6.0-6.8, unknown recurrence interval • Hollywood fault: M 5.8-6.5, recurrence interval approximately every 1600 years • Malibu Coast fault: M 6.7, recurrence interval 2,908 years • Newport-Inglewood fault: M 6.0-7.4, unknown recurrence interval • Oak Ridge fault: M 6.9, recurrence interval 299 years • Palos Verdes fault: M 6.0-7.0 or greater, unknown recurrence interval • Red Hill fault (aka Etiwanda Avenue fault): M 6.0-7.0, unknown recurrence interval • Raymond fault: M 6.0-7.0, recurrence interval approximately 4500 years • San Andreas fault: M 6.8-8.0, recurrence interval of 140 years on Mojave segment to 300 years • San Cayetano fault: M 6.5-7.3, unknown recurrence interval • San Fernando fault: M 6.0-6.8, recurrence interval approximately every 200 years • San Jose fault: M 6.0-6.5, unknown recurrence interval • Santa Susana fault system: M 6.6, recurrence interval 138 years • Santa Monica fault: M 6.0-7.0, unknown recurrence interval • Sierra Madre fault: M 6.0-7.0, recurrence interval several thousand years • Simi-Santa Rosa fault: M 6.7, recurrence interval 933 years • Verdugo fault: M 6.0-6.8, unknown recurrence interval • Whittier fault: M 6.0-7.2, unknown recurrence interval

Table 4-15. Seismic Hazard Impact on Land Area

Entity	Violent EQ Shaking		Extreme EQ Shaking	
	# of Sq. Miles	% of Sq. Miles	# of Sq. Miles	% of Sq. Miles
Los Angeles County	3,041.91	63.90	711.01	14.93
Unincorporated Los Angeles County	1,783.57	58.65	527.60	17.35
Supervisory District 1	244.34	99.25	0.00	0.00
Supervisory District 2	161.74	99.94	0.00	0.00
Supervisory District 3	379.41	87.99	41.73	9.68
Supervisory District 4	305.40	69.42	0.00	0.00
Supervisory District 5	1,950.78	69.50	669.26	23.84

EQ = earthquake

Table 4-16. Seismic Hazard Impact on Vulnerable Populations – People Experiencing Homelessness

Entity	Violent EQ Shaking		Extreme EQ Shaking	
	# of Homeless	% of Homeless	# of Homeless	% of Homeless
City of Los Angeles	31,037	94.25	1,827	5.55
Unincorporated Los Angeles County	5,328	90.60	361	6.14

EQ = earthquake

Table 4-17. Seismic Hazard Impact on County Critical Facilities

Department / Agency	Violent EQ Shaking		Extreme EQ Shaking	
	# of Facilities	% of Facilities	# of Facilities	% of Facilities
Los Angeles County Animal Care & Control	6	85.71	1	14.29
Los Angeles County Fire Department	314	93.18	19	5.64
Los Angeles County Health Services	24	82.76	5	17.24
Los Angeles County Library	79	92.94	5	5.88
LACMA & NHM	3	75.00	1	25.00
Los Angeles County Office of Education	32	86.49	5	13.51
Los Angeles County - Other (offices)	24	100.00	0	0.00
Los Angeles County Parks & Recreation	103	88.03	14	11.97
Los Angeles County Public Health	13	92.86	1	7.14
Los Angeles County Public Works	201	87.39	21	9.13
Los Angeles County Sheriff's Department	28	90.32	2	6.45

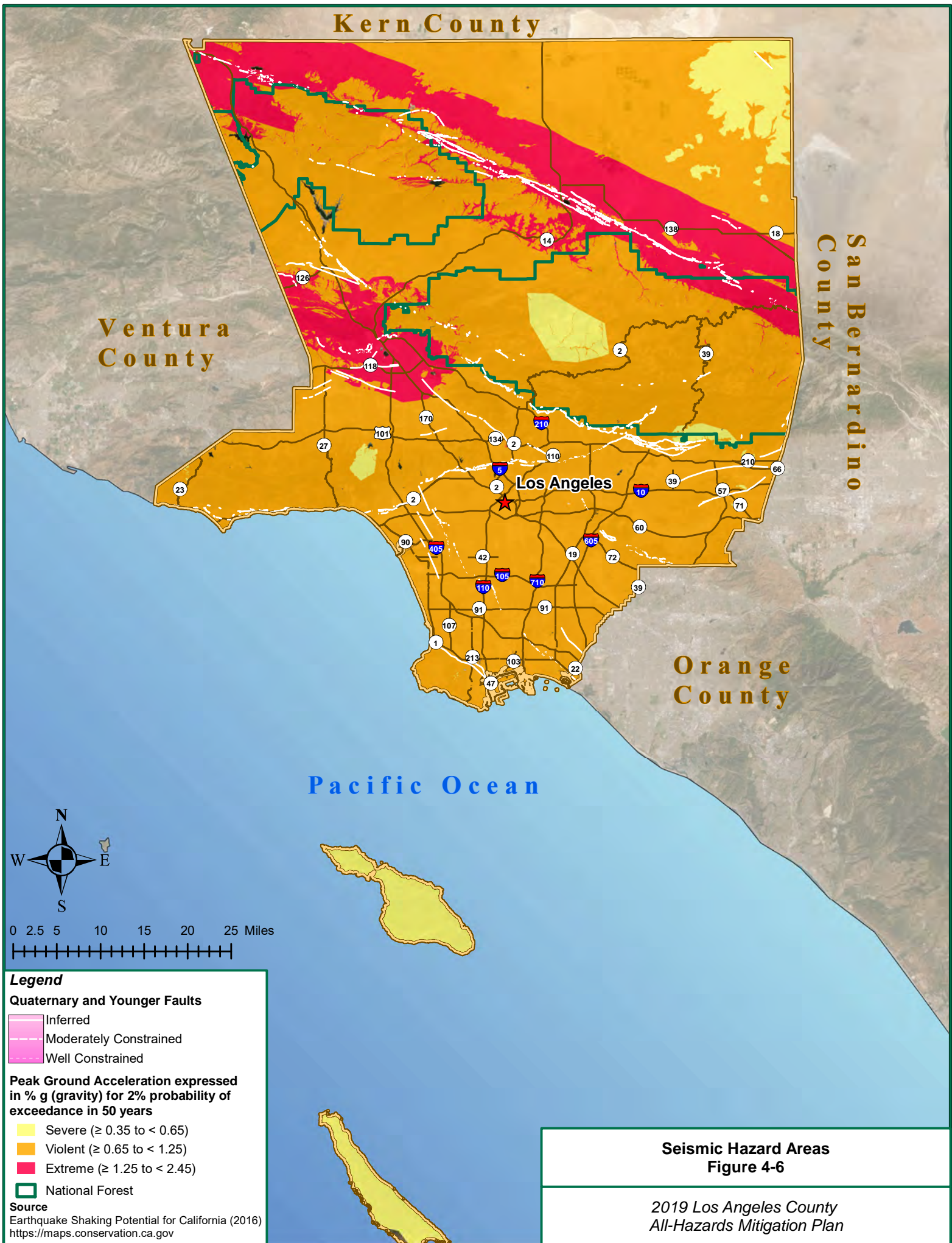
EQ = earthquake

Table 4-18. Overall Summary of Vulnerability to Earthquakes

Earthquake	
Summary	<p>Over 75% of unincorporated Los Angeles County is at risk to violent and extreme perceived shaking from future earthquakes. Violent perceived shaking can produce the potential for heavy damage. According to the USGS, this could mean that well-designed framed structures could be thrown out of plumb and substantial buildings could experience partial building collapse. In extreme shaking, the USGS notes that some well-built wooden structures could be destroyed, and most masonry and frame structures with foundations could be destroyed.</p> <p>Many people in California are looking to boost seismic regulations through the implementation of Assembly Bill (AB) 1857 and AB 2681. AB 1857 will instruct the California Building Standards Commission to increase minimum mandatory standards for most types of buildings in the state, such as apartments, office buildings, and commercial spaces, but would exempt single-family houses and duplexes, while AB 2681 will require cities and counties to create an inventory of potentially vulnerable buildings.</p>







4.4 FLOOD

Table 4-19. Flood Identification Profile

Profile	Description
Nature	<p>A flood occurs when the existing channel of a stream, river, canyon, or other watercourse cannot contain excess runoff from rainfall or snowmelt, resulting in overflow onto adjacent lands. In coastal areas, flooding may occur when high winds or tides result in a surge of seawater into areas that are above the normal high tide line.</p> <p>Secondary hazards from floods can include:</p> <ul style="list-style-type: none"> • Erosion or scouring of stream banks, roadway embankments, foundations, footings for bridge piers, and other features. • Impact damage to structures, roads, bridges, culverts, and other features from high-velocity flow and from debris carried by floodwaters. Such debris may also accumulate on bridge piers and in culverts, increasing loads on these features or causing overtopping or backwater effects. • Destruction of crops, erosion of topsoil, and deposition of debris and sediment on croplands. • Release of sewage and hazardous or toxic materials when wastewater treatment plants are inundated, storage tanks are damaged, and pipelines are severed. <p>In areas such as Los Angeles County that do not have extended periods of below-freezing temperatures or significant snowfall, floods usually occur during the season of highest precipitation or during heavy rainfalls after prolonged dry periods. Los Angeles County is dry during the late spring, summer, and early fall, and receives most of its rain during the winter months. The rainfall season extends from November through April, with approximately 95% of the annual rainfall occurring during this period. Los Angeles County averages only 15 inches of precipitation per year; less in along the coast and the dessert, and more in the foothills and mountains.</p>
Location	<p>Los Angeles County has an extensive flood control system (Figure 4-7) that has eliminated much of their flood hazards. However, major flood sources in Los Angeles County still include Ballona Creek, Los Angeles River, Malibu Creek, Pacific Ocean, Rio Hondo River, San Gabriel River and its tributaries, Santa Clara River, Topanga Canyon, and the Pacific Ocean.</p> <p>In the unincorporated areas of Los Angeles County, flooding sources include:</p> <ul style="list-style-type: none"> • Little Rock and Big Rock Washes: Flooding occurs when the flows reach the valley floor where the channels flatten out. This allows the flows to spread over great distances, inundating the surrounding areas. • Antelope Valley: Flooding occurs when flows from the mountains reach the broad alluvial plan in the Antelope Valley are northerly from the mountains across the broad alluvial plain. During minor storms, much of the flow percolates into the ground. In major storms, flows reach the lake at the northern county limits, where flood flows pond until evaporated. • Foothills of Santa Clarita: Flooding and mudflows occur in the foothill areas during intense rainfall, usually following fires in the upstream watershed. • Coastline: Flooding is caused by waves generated by winter storms. The occurrence of such a storm event in combination with high astronomical tides and strong winds can cause a significant wave runoff and allow storm waves to reach higher than normal elevations along the coastline.

Table 4-19. Flood Identification Profile

Profile	Description
History	<p>The federal government has declared 13 flooding emergencies affecting Los Angeles County, including:</p> <ul style="list-style-type: none"> • California Flood and Erosion (Disaster Declaration Number [DR]-15), February 5, 1954 • California Flooding (DR-47), December 23, 1955 • California Heavy Rainstorms, Flood (DR-82), April 4, 1958 • California Floods (DR-122), March 6, 1962 • California Severe Storms, Flooding (DR-138), October 24, 1962 • California Severe Storms, Heavy Rains, Flooding (DR-145), February 25, 1963 • California Flooding (DR-270), August 15, 1969 • California Winter Storms Flooding (DR-547), February 15, 1978 • Southern California Winter Storms (DR-615), February 7 and 21, 1980 • Coastal Storms (DR-812), December 21, 1988 • California Winter Storms (DR-935), February 12 and 19, 1992 • California Winter Storms (DR-979), January 7, 1993-February 19, 1993 • California Severe Winter Storms, Flooding, and Mudslides (DR-4305), January 18, 2017-January 23, 2017
Extent / Severity	<p>The magnitude of flooding that is used as the standard for floodplain management in the United States is a flood with a probability of occurrence of 1% in any given year. This flood is also known as the 100-year flood (i.e., base flood). The 100-year flood, as well as the 500-year flood (0.2%), are considered Special Flood Hazard Areas (SFHA) and identified on FEMA's Digit Flood Insurance Rate Maps (DFIRM). The Los Angeles County DFIRM (Figure 4-8) identifies 4.19 square miles (0.09%) with a 1% annual chance of flooding, and 243.32 square miles (5.11%) with a 0.2% annual chance of flooding. In the unincorporated areas of Los Angeles County, there are 1.23 square miles (0.04%) with a 1% annual chance of flooding, and an additional 64.77 square miles (2.13 %) with a 0.2% annual chance of flooding.</p>
Recurrence Probability	<p>Floods can occur at any time but are most common with winter storms packed with subtropical moisture.</p>

Table 4-20. Flood Impact on Land Area

Entity	0.2% Annual Chance of Flooding		1% Annual Chance of Flooding	
	# of Sq. Miles	% of Sq. Miles	# of Sq. Miles	% of Sq. Miles
Los Angeles County	243.32	5.11	4.19	0.09
Unincorporated Los Angeles County	64.77	2.13	1.23	0.04
Supervisory District 1	27.14	11.02	0.90	0.37
Supervisory District 2	19.32	11.94	0.20	0.12
Supervisory District 3	4.38	1.01	1.31	0.30
Supervisory District 4	80.06	18.20	0.32	0.07
Supervisory District 5	112.39	4.00	1.45	0.05

Table 4-21. Flood Impact on Vulnerable Populations – People Experiencing Homelessness

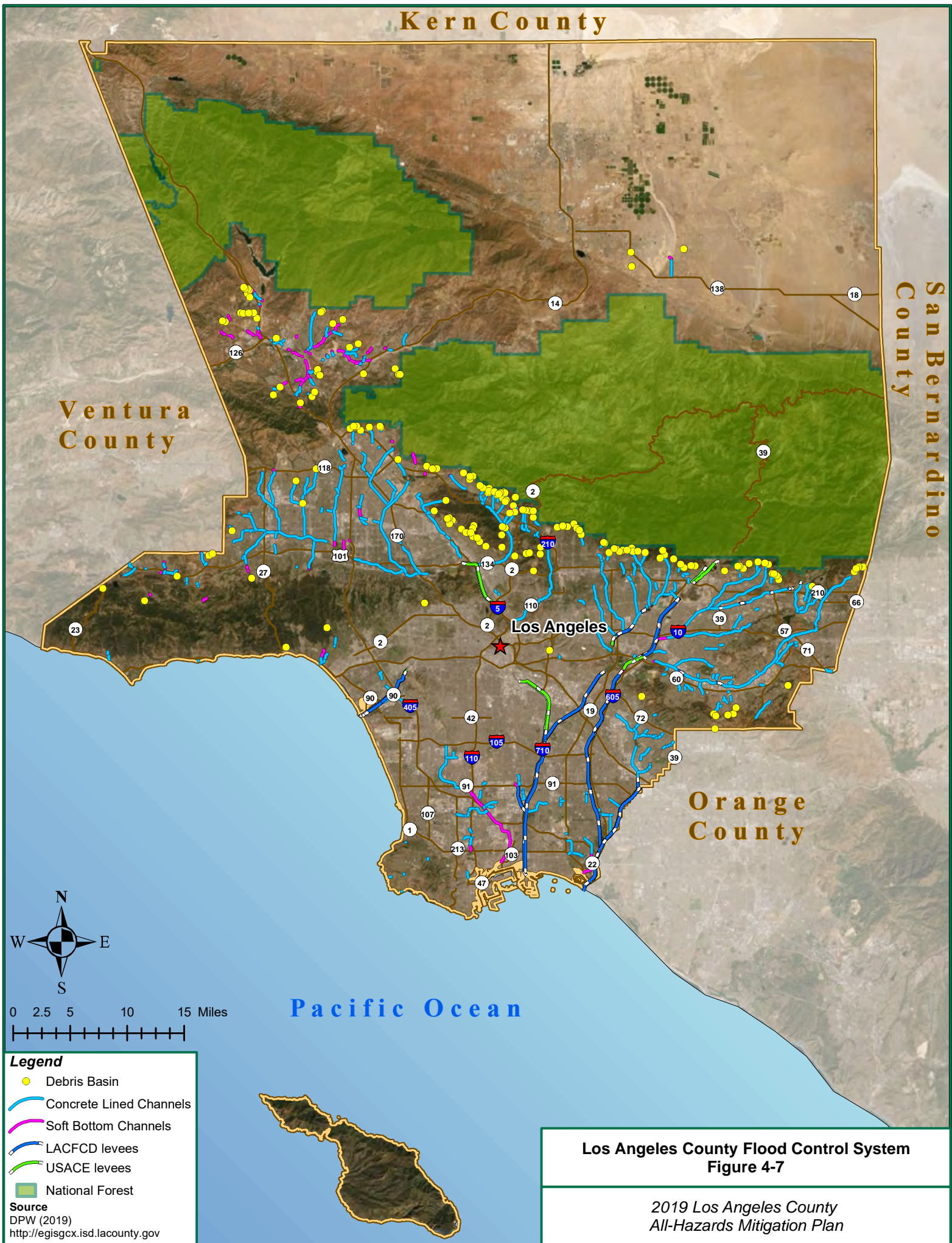
Entity	0.2% Annual Chance of Flooding		1% Annual Chance of Flooding	
	# of Homeless	% of Homeless	# of Homeless	% of Homeless
City of Los Angeles	1,601	4.86	87	0.26
Unincorporated Los Angeles County	170	2.88	0	0.00

Table 4-22. Flood Impact on County Critical Facilities

Department / Agency	0.2% Annual Chance of Flooding		1% Annual Chance of Flooding	
	# of Facilities	% of Facilities	# of Facilities	% of Facilities
Los Angeles County Animal Care & Control	2	28.57	0	0.00
Los Angeles County Fire Department	46	13.65	0	0.00
Los Angeles County Health Services	5	17.24	0	0.00
Los Angeles County Library	15	17.65	0	0.00
LACMA & NHM	0	0.00	0	0.00
Los Angeles County Office of Education	5	13.51	0	0.00
Los Angeles County - Other (offices)	2	8.33	0	0.00
Los Angeles County Parks & Recreation	8	6.84	0	0.00
Los Angeles County Public Health	0	0	0	0.00
Los Angeles County Public Works	41	17.38	1	0.43
Los Angeles County Sheriff's Department	5	16.13	0	0.000

Table 4-23. Overall Summary of Vulnerability to Floods

Flood	
Summary	<p>Los Angeles County has a long history of moderate to severe flooding during major storms. In the Los Angeles basin area, an extensive flood control system has eliminated much of this problem. However, in the less densely populated areas where relatively few flood controls have been constructed, flooding remains a problem. In areas with alluvial fans, flood flows discharge from the mountainous canyons in an uncontrolled manner onto the desert floor, thereby resulting in widespread damage to agricultural land, buildings, and infrastructure. In the foothill areas that experience intense rainfall, mudflows pose a risk to those downstream. Finally, along the coast, waves generated by winter storms in combination with high astronomical tides and strong winds can cause a significant wave runup, resulting in erosion and coastal flooding to low-lying portions of the shoreline.</p> <p>According to the Los Angeles County Public Works, there are 55 Repetitive Loss (RL) properties in 22 RL areas of unincorporated Los Angeles County as of the last submitted 2019 Community Rating System (CRS) Recertification. A Repetitive Loss (RL) property is any insurable building for which two or more claims of more than \$1,000 were paid by the National Flood Insurance Program (NFIP) in any rolling 10-year period, since 1978. Updated location information about RL properties in the unincorporated areas of Los Angeles County were not available during the drafting of this plan. Data from 2011 showed that 26 RL properties were located in the SFHA. At the time, Los Angeles County Public Works stated, “the majority of the repetitive losses are associated with localized urban drainage flood problems, even for properties within a FEMA-designated flood zone.” Los Angeles County Public Works oversees RL mitigation projects.</p>



4.5 LANDSLIDE

Table 4-24. Landslide Identification Profile

Profile	Description
Nature	<p>Landslide is a general term for the dislodging and fall of a mass of soil or rocks along a sloped surface, or for the dislodged mass itself. The term is used for varying phenomena, including mudflows, mudslides, debris flows, rock falls, rockslides, debris avalanches, debris slides, and slump-earth flows. Landslides may result from a wide range of combinations of natural rock, soil, or artificial fill. The susceptibility of hillside and mountainous areas to landslides depends on variations in geology, topography, vegetation, and weather. Landslides may also occur because of indiscriminate development of sloping ground or the creation of cut-and-fill slopes in areas of unstable or inadequately stable geologic conditions.</p> <p>Additionally, landslides often occur together with other natural hazards, thereby exacerbating conditions, as described below:</p> <ul style="list-style-type: none"> • Shaking due to earthquakes can trigger events ranging from rock falls and topples to massive slides. • Intense or prolonged precipitation that causes flooding can also saturate slopes and cause failures leading to landslides. • Wildfires can remove vegetation from hillsides, significantly increasing runoff and landslide potential. • Landslides into a reservoir can indirectly compromise dam safety; a landslide can even affect the dam itself. • Another type of landslide occurs in areas cut by perennial streams. As floodwaters erode channel banks, rivers have undercut clay-rich sedimentary rocks along their south bank, thereby destabilizing the ground and causing the ground above it to slide.
Location	<p>In 2011, CGS created a deep-seated landslide grip map to show the relative likelihood of deep landslides in California. The map combines landslide inventory, geology, rock strength, slope, average annual rainfall and earthquake shaking potential layers to create classes of landslide susceptibility. As shown in Figure 4-9, the map shows areas of low landslide susceptibility, mainly, the Los Angeles Basin, to areas of high susceptibility, including the Santa Monica Mountains, the San Gabriel Mountains, the Sierra Pelona Mountains, the Baldwin Hills, the Puente Hills, and the Palos Verdes Hills.</p>

Table 4-24. Landslide Identification Profile

Profile	Description
History	<p>Like much of California, Los Angeles County has experienced landslides. Landslides in Los Angeles are generally triggered by intense and/or prolonged rainfall but can also occur after an earthquake. Notable recent landslides in Los Angeles County include:</p> <ul style="list-style-type: none"> • January 1994, the Northridge earthquake triggered more than 11,000 landslides, with the majority concentrated in the Santa Susana Mountains and the mountains north of the Santa Clara River valley. Most of the triggered landslides were shallow highly disrupted falls and slides. However, the larger disrupted slides were reactivations of previously existing landslides. • March 1995, heavy rains weakened the geologically unstable Pacific Palisades bluffs. A 300-foot section gave way and buried part of Pacific Coast Highway under up to 30 feet of rain-soaked earth, rock, and debris. • March 2005, a slide near Sunset Mesa caused 20,000 cubic yards of debris to cover the Pacific Coast Highway. • January 2018, a hillside in Malibu gave way leaving a house uninhabitable. • December 2018, heavy rain on the Woolsey Fire burned hillsides created debris flows and mudslides in and around Malibu causing several road closures. • January 2019, sections of the Pacific Coast Highway near the Ventura County line were closed due to mudslides.
Extent / Severity	<p>Figure 4-9 shows deep seated landslide susceptibility areas in Los Angeles County. According to the Susceptibility to Deep-Seated Landslides map, there are 750.02 square miles (15.75%) of land in Los Angeles County located in the Classes IX and X. In the unincorporated areas of Los Angeles County, there are 577.63 square miles (18.99%) in this hazard area.</p>
Recurrence Probability	<p>Shallow landslides can occur at any time during the winter but are more likely happen when the ground is nearly saturated. According to the USGS, in Southern California “at least 10 inches of rainfall during the winter is needed to nearly saturate the ground. After this point, a rain burst of 0.2 to 0.25 in in one hour has been observed to trigger abundant shallow landslides.” However, deep-seated landslides generally need deep infiltration of rainfall (which can take weeks or months to occur) to be triggered.</p>

Table 4-25. Landslide Impact on Land Area

Entity	Deep Seated Landslide Class IX and X	
	# of Sq. Miles	% of Sq. Miles
Los Angeles County	750.02	15.75
Unincorporated Los Angeles County	577.63	18.99
Supervisory District 1	17.29	7.02
Supervisory District 2	2.73	1.68
Supervisory District 3	114.61	26.58
Supervisory District 4	105.12	23.89
Supervisory District 5	509.31	18.14

Table 4-26. Landslide Impact on Vulnerable Populations – People Experiencing Homelessness

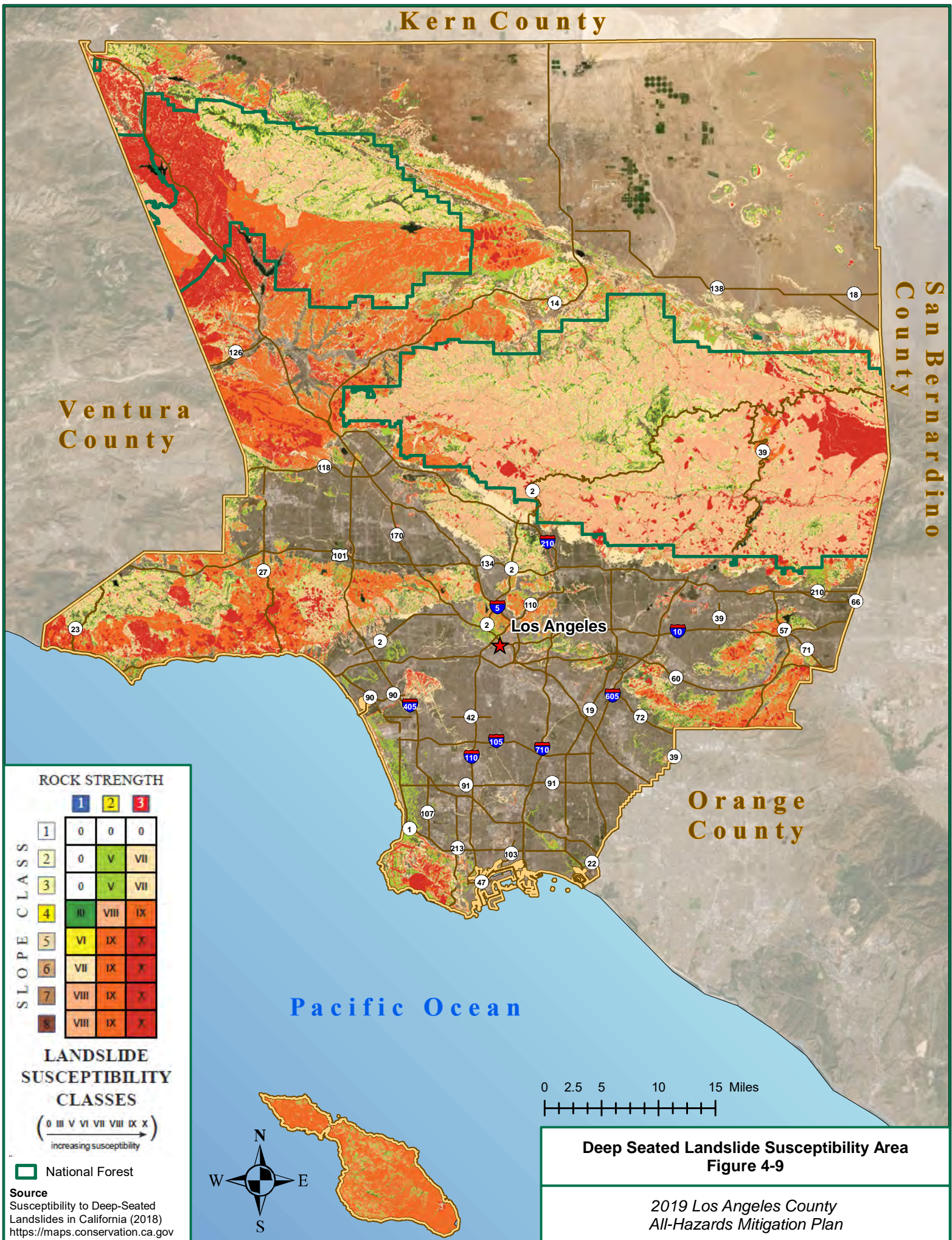
Entity	Deep Seated Landslide Class IX and X	
	# of Homeless	% of Homeless
City of Los Angeles	234	0.71
Unincorporated Los Angeles County	325	5.55

Table 4-27. Landslide Impact on County Critical Facilities

Department / Agency	Deep Seated Landslide Class IX and X	
	# of Facilities	% of Facilities
Los Angeles County Animal Care & Control	0	0.00
Los Angeles County Fire Department	7	2.08
Los Angeles County Health Services	0	0.00
Los Angeles County Library	0	0.00
LACMA & NHM	0	0.00
Los Angeles County Office of Education	1	2.70
Los Angeles County - Other (offices)	0	0.00
Los Angeles County Parks & Recreation	2	1.71
Los Angeles County Public Health	0	0.00
Los Angeles County Public Works	37	16.09
Los Angeles County Sheriff's Department	1	3.23

Table 4-28. Overall Summary of Vulnerability to Landslides

Landslide	
Summary	<p>Areas prone to landslide include existing old landslides, base of slopes, base of minor drainage hollows, base or top of an old fill slope, base or top of a steep cut slope, and developed hillsides where leach field septic systems are used. In Los Angeles County, the majority of landslide-prone areas include the Santa Monica Mountains, the San Gabriel Mountains, the Sierra Pelona Mountains, the Baldwin Hills, the Puente Hills, and the Palos Verdes Hills. Landslides may: cause injury or death to those trapped; break utility lines; block/damage roadways; damage foundations, chimneys, or surrounding land; and lead to flash flooding and additional landsliding.</p> <p>In Los Angeles County, landslide risks are mitigated through the Hillside Management Area Ordinance & Hillside Design Guidelines (Table 5-3).</p>



4.6 TSUNAMI

Table 4-29. Tsunami Identification Profile

Profile	Description
Nature	<p>A tsunami is a series of traveling ocean waves of extremely long length, generated by disturbances associated primarily with earthquakes occurring below or near the ocean floor. Subduction zone earthquakes at plate boundaries often cause tsunamis. However, tsunamis can also be generated by underwater landslides or volcanic eruptions, the collapse of volcanic edifices, and—in very rare instances—large meteorite impacts in the ocean.</p> <p>In the deep ocean, a tsunami may have a length from wave crest to wave crest of 100 miles or more, but a wave height of only a few feet or less. Thus, the wave period can be up to several hours, and wavelengths can exceed several hundred miles. Therefore, tsunamis are unlike typical wind-generated swells on the ocean, which might have a period of about 10 seconds and a wavelength of up to 300 feet. Tsunamis cannot be felt aboard ships and they cannot be seen from the air or the open ocean. In deep water, the waves may reach speeds exceeding 700 miles per hour.</p> <p>Tsunamis arrive as a series of successive crests (high water levels) and troughs (low water levels). These successive crests and troughs can occur anywhere from 5 to 90 minutes apart; however, they usually occur 10 to 45 minutes apart.</p> <p>Tsunamis not only affect beaches that are open to the ocean, but also bay mouths, tidal flats, and the shores of large coastal rivers. Tsunami waves can also diffract around land masses. Because tsunamis are asymmetrical, the waves may be much stronger in one direction than another, depending on the nature of the source and the surrounding geography. However, tsunamis do propagate outward from their source, so coasts in the shadow of affected land masses are safer.</p>
Location	<p>Figure 4-10 shows tsunami evacuation area based on Maximum Phase as described in the California Tsunami Evacuation Playbook. This map illustrates coastal land areas that can become submerged due to tsunami run-up. The area of land subject to inundation is a factor of:</p> <ul style="list-style-type: none"> • Distance of shoreline from the tsunami-generating event • Magnitude of the earthquake causing the event; duration and period of waves • Run-up elevations • Tidal level at time of occurrence • Location along shore and direction of shore in respect to propagated waves • Topography of the seabed <p>In Los Angeles County, areas at risk to the maximum tsunami run up include the ports of Long Beach and Los Angeles, Catalina Island, and areas in the cities of Los Angeles, Long Beach, Manhattan Beach, Redondo Beach, Hermosa Beach, El Segundo, Palos Verdes, Santa Monica, and Malibu. In the unincorporated areas of Los Angeles County, the five coastal zones (i.e., Marin Del Rey, Santa Catalina Island, Santa Monica Mountains, San Clemente Island, and Ballona Wetlands Area A) are subject to inundation.</p>

Table 4-29. Tsunami Identification Profile

Profile	Description
History	<p>Between 1923 and 2011, 11 major tsunami events occurred in Los Angeles County, including:</p> <ul style="list-style-type: none"> • April 13, 1923, a M 7.2 earthquake in Kamchatka caused a tsunami in Los Angeles. • August 30, 1930, a probable meteotsunami (i.e., a tsunami of meteorological origin) with a 10-foot run-up amplitude hit Santa Monica. • April 1, 1946, a M 8.8 earthquake in the Aleutian Islands caused tsunamis with run-up amplitudes ranging from 1 to 6 feet in Catalina Island, Los Angeles, and Long Beach, breaking ships from their moorings. • November 4, 1952, a M 9.0 earthquake in Kamchatka caused tsunamis with run-up amplitudes ranging from 1 to 2 feet in Santa Monica, Los Angeles, and Long Beach. • March 9, 1957, a M 8.6 earthquake in the Aleutian Islands caused tsunamis with run-up amplitudes ranging from 1 to 2 feet in Santa Monica, Los Angeles, and Long Beach. • May 22, 1960, a M 9.5 earthquake in Chile caused tsunamis with run-up amplitudes ranging from 2 to 5 feet in Catalina Island, Los Angeles, Long Beach, and Santa Monica. One person died, 800 small craft were unmoored, 200 boats were damaged, and 40 boats were sunk. The tsunamis resulting in \$1 million dollars in damages. • March 28, 1964, a M 9.2 earthquake in Alaska caused tsunamis with run-up amplitudes ranging from 2 to 3 feet in Catalina Island, Los Angeles, Long Beach, and Santa Monica. One longshoreman was killed, 100 boats were unmoored, and 7 boats were sunk. The tsunamis caused approximately \$350 thousand dollars in damages. • November 29, 1975, a M 7.1 earthquake in Hawaii caused a tsunami with a run-up amplitude of 4 feet in Catalina Island, damaging docks and boats. • September 29, 2009, a M 8.0 earthquake in Samoa caused a tsunami with a 1-foot run-up amplitude in Los Angeles. • February 27, 2010, a M 8.8 earthquake in Chile caused tsunamis with run-up amplitudes ranging from 1 to 3 feet in Catalina Island, Los Angeles, Long Beach, and Santa Monica, causing minor damage to docks and boats. • March 11, 2011, a M 9.0 earthquake in Japan caused tsunamis with run-up amplitudes ranging from 2 to 3 feet in Catalina Island, Los Angeles, Long Beach, Redondo Beach, and Santa Monica, damaging docks and boats.
Extent / Severity	<p>Figure 4-10 shows the maximum considered tsunami runup from a number of extreme tsunami sources. There are 43.35 square miles (0.91%) in Los Angeles County located in this hazard area. In the unincorporated areas of Los Angeles County there are 2.07 square miles (0.07%) at risk to a maximum tsunami runup.</p>
Recurrence Probability	<p>Based on the history of tsunami run-ups in the region and the history of earthquakes in the Pacific Rim, another tsunami event is likely to occur, although the extent and probability is unknown.</p>

Table 4-30. Tsunami Impact on Land Area

Entity	Maximum Tsunami Inundation Area	
	# of Sq. Miles	% of Sq. Miles
Los Angeles County	43.35	0.91
Unincorporated Los Angeles County	2.07	0.07
Supervisory District 1	0.00	0.00
Supervisory District 2	0.12	0.08
Supervisory District 3	2.65	0.61
Supervisory District 4	18.00	4.09
Supervisory District 5	0.00	0.00

Table 4-31. Tsunami Impact on Vulnerable Populations – People Experiencing Homelessness

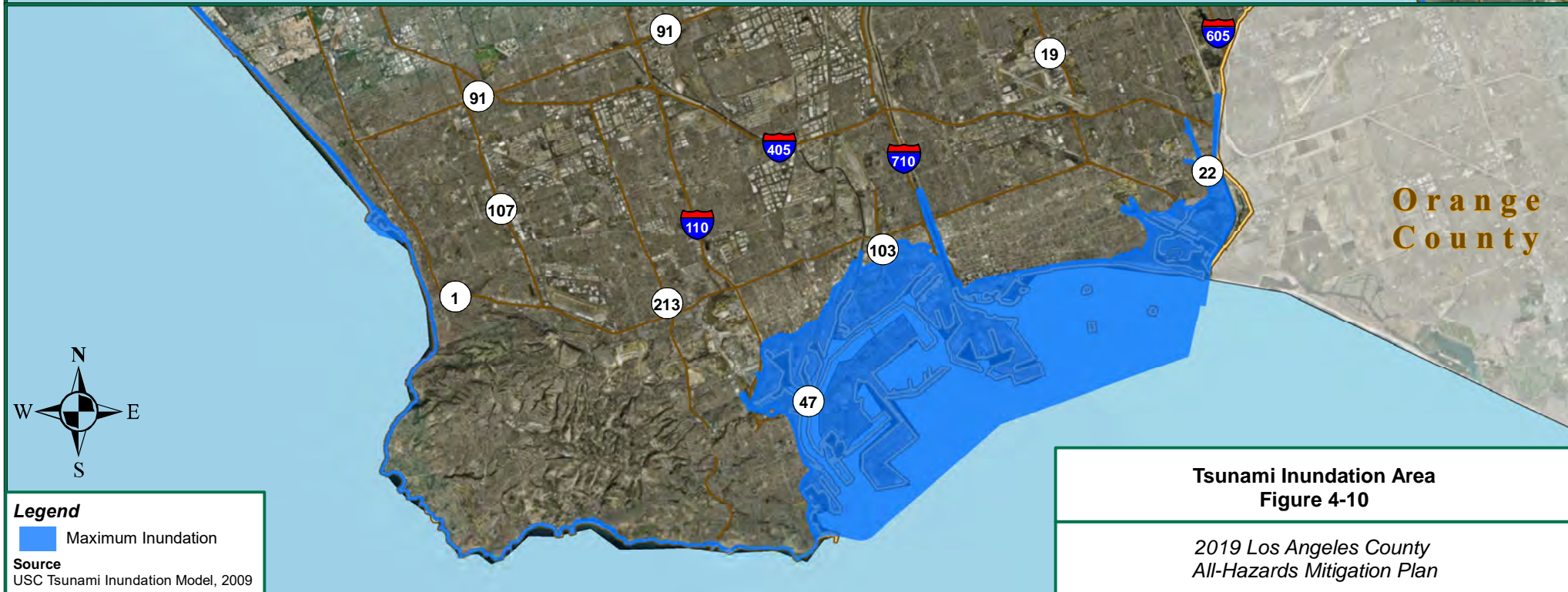
Entity	Maximum Tsunami Inundation Area	
	# of Homeless	% of Homeless
City of Los Angeles	622	1.89
Unincorporated Los Angeles County	20	0.34

Table 4-32. Tsunami Impact on County Critical Facilities

Department / Agency	Maximum Tsunami Inundation Area	
	# of Facilities	% of Square Facilities
Los Angeles County Animal Care & Control	0	0.00
Los Angeles County Fire Department	14	4.15
Los Angeles County Health Services	0	0.00
Los Angeles County Library	1	1.18
LACMA & NHM	0	0.00
Los Angeles County Office of Education	0	0.00
Los Angeles County - Other (offices)	1	4.17
Los Angeles County Parks & Recreation	0	0.00
Los Angeles County Public Health	0	0.00
Los Angeles County Public Works	15	6.52
Los Angeles County Sheriff's Department	1	3.23

Table 4-33. Overall Summary of Vulnerability to Tsunamis

Tsunami	
Summary	<p>In Southern California, an earthquake could trigger an underwater avalanche or submarine landslide in the Santa Monica Bay and produce a tsunami that could inundate low-lying areas of Los Angeles County. In fact, according to researchers a locally generated tsunami could bring water as high as 5 feet in Marina del Rey, 7 feet in Manhattan Beach, 8 feet at the ports, and 11 feet in Redondo Beach. Such a tsunami could flood homes and destroy many small boats in nearby harbors, thereby creating dangerous debris.</p> <p>Researchers warn that California needs to be better prepared for tsunamis and while new deep-sea sensors have helped in tsunami detection, they are better suited for far-away tsunamis rather than local tsunamis.</p> <p>California OES and CGS lead Tsunami Preparedness Week in California annually. During this week, governmental agencies, such as Los Angeles County OEM, and community organizations, participate in exercises, test warning systems and response plans, and host community events to promote tsunami awareness.</p>



4.7 WILDFIRE

Table 4-34. Wildfire Identification Profile

Profile	Description
Nature	<p>Wildfires spread by consuming flammable vegetation. This fire type often begins unnoticed, spreads quickly, and is usually signaled by dense smoke that may be visible from miles around. Wildfires can be caused by human activities (e.g., unattended burns, campfires, or off-road vehicles without spark arresting muffles) or by natural events such as lightning.</p> <p>Wildfires often occur in forests or other highly vegetated areas. In addition, wildfires can be classified as forest, urban, interface or intermix fires, and prescribed burns.</p> <p>The following three factors contribute significantly to wildfire behavior and can be used to identify wildfire hazard areas:</p> <ul style="list-style-type: none"> • Topography describes slope increases, which influences wildfire spread rate increases. South-facing slopes are also subject to more solar radiation, making them drier and thereby intensifying wildfire behavior. However, ridge tops may mark the end of wildfire spread since fire spreads more slowly or may even be unable to spread downhill. • Fuel is the type and condition of vegetation that plays a significant role in wildfire spread occurrence. Certain plant types are more susceptible to burning or will burn with greater intensity. Dense or overgrown vegetation increases the amount of combustible material available as fire fuel (referred to as the “fuel load”). The living-to-dead plant matter ratio is also important. Certain climate changes may increase wildfire risk significantly during prolonged drought periods, as both living and dead plant matter moisture content decreases. Both the horizontal and vertical fuel load continuity is also an important factor. • Weather is the most variable factor affecting wildfire behavior. Temperature, humidity, wind, and lightning can affect ignition opportunities and fire spread rate. Extreme weather, such as high temperatures and low humidity, can lead to extreme wildfire activity. Climate change increases fire to vegetation ignition susceptibility due to longer dry seasons. By contrast, cooling and higher humidity often signal reduced wildfire occurrence and easier containment. <p>Wildfire frequency and severity sometimes result from other hazard impacts, such as lightning, drought, and infestations (e.g., damage caused by spruce-bark beetle infestations). If not promptly controlled, wildfires may grow into an emergency or disaster. Even small fires can threaten lives and resources and destroy improved properties. In addition to affecting people, wildfires may severely affect livestock and pets. Such events may require emergency water/food, evacuation, and shelter.</p> <p>Indirect wildfire effects can be catastrophic. In addition to stripping the land of vegetation and destroying forest resources, large, intense fires can harm the soil, waterways, and the land itself. Soil exposed to intense heat may lose its capability to absorb moisture and support life. Exposed soils erode quickly and exacerbate river and stream siltation; thereby increasing flood potential, harming aquatic life, and degrading water quality. Vegetation-stripped lands are more susceptible to increased debris flow hazards.</p>
Location	<p>Public Resources Code 4201 4204 and Government Code 51175 89 directed the California Department of Forestry and Fire Protection (Cal FIRE) to map areas of significant fire hazards based on fuels, terrain, weather, and other relevant factors. These FHSZ are represented as very high, high, or moderate. Specifically, the maps were created using data and models describing development patterns, potential fuels over a 30- to 50-year time horizon, expected fire behavior, and expected burn probabilities. The maps are divided into local responsibility areas (LRAs) and state responsibility areas (SRAs). LRAs generally include cities, cultivated agriculture lands, and portions of the desert. LRA fire protection is typically provided by city fire departments, fire protection districts, counties, and by Cal FIRE under contract to the local government. SRA is a</p>

Table 4-34. Wildfire Identification Profile

Profile	Description
	<p>legal term defining the area where the state has financial responsibility for wildfire protection. The Los Angeles County Fire Department is one of six contract counties, which has executed a contract with the State of California to provide wildland fire protection on SRA.</p> <p>Figure 4-11 displays the areas of Los Angeles County most susceptible to wildfires and indicates areas of local or state responsibility. Very high FHSZs are generally located in mountainous or hillside areas, including the Santa Monica Mountains, San Gabriel Mountains, Palos Verdes Hills, and Puente Hills.</p>
History	<p>As shown in Figure 4-12, wildfires are a common occurrence in Los Angeles County. Some of the county's most destructive fires have occurred since 2000, including:</p> <ul style="list-style-type: none"> • The Grand Prix Fire started on October 21, 2003 and burned a total of 50,618 acres between Claremont and Lytle Creek. The fire destroyed 136 homes and was ruled "accidental but human-initiated." • The Simi Fire started on October 25, 2003 and burned a total of 107,570 acres between Simi Hills and southeastern Simi Valley, in eastern Ventura County and western Los Angeles County, California. It destroyed 37 homes and 278 out buildings. The cause of the fire remains unknown. • The Day Fire started on October 30, 2006 and burned a total of 161,816 acres. The fire primarily burned the Los Padres National Forest. The cause of the fire was human-ignited debris. • The Ranch Fire started on October 20, 2007 and burned a total of 58,410 acres near Townsend Peak in the Angeles National Forest. The cause of the fire was equipment. • The Station Fire started on September 22, 2009 and burned a total of 160,883 acres in the Angeles National Forest. The Station Fire is the largest recorded fire in Los Angeles County. It destroyed 89 residences and another 120 buildings of significance. Two firefighters were killed. The cause of the fire was arson. • The Woolsey Fire started November 8, 2018 and burned a total of 96,949 acres in Los Angeles and Ventura counties including Thousand Oaks, Agoura Hills, Calabasas, the Santa Monica Mountains, Malibu, and West Hills. A total of 1,643 structures were destroyed and 3 people were killed.
Extent / Severity	<p>As shown on the Cal FIRE FHSZ maps, in Los Angeles County, there are 386.06 square miles (8.11%) located in the very high LRA FHSZ, 625.01 square miles (13.13%) in the very high SRA FHSZ, and 132.77 square miles (2.79%) in the high SRA FHSZ. In the Unincorporated Los Angeles County, this includes: 23.53 square miles (0.77%) of very high LRA FHSZ; 610.94 square miles (20.09%) of very high SRA FHSZ; and 132.06 square miles (4.34%) of high SRA FHSZ.</p>
Recurrence Probability	<p>The climate in Los Angeles County is characterized as Mediterranean dry-summer featuring cool, wet winters and warm, dry summers. High moisture levels during the winter rainy season significantly increase the growth of plants. However, the vegetation is dried during the long, hot summers, decreasing plant moisture content and increasing the ratio of dead fuel to living fuel. As a result, fire susceptibility increases dramatically, particularly in late summer and early autumn. In addition, the presence of chaparral, a drought-resistant variety of vegetation that is dependent on occasional wildfires, is expected in Mediterranean dry-summer climates. The history of plant succession in Los Angeles County is important in predicting fire susceptibility. For several years after a fire has occurred, easily flammable herbaceous species thrive and increase the likelihood of new fires. When woody species become re-established, they contribute to a lower overall level of fire susceptibility for approximately 10 years. However, after this period, the slow aging plant</p>

Table 4-34. Wildfire Identification Profile

Profile	Description
	<p>community becomes ever more likely to burn because of increased levels of dead plant material and lowered plant moisture levels.</p> <p>Additionally, a local meteorological phenomenon, known as the Santa Ana winds, contributes to the high incidence of wildfires in Los Angeles County. These winds originate during the autumn months in the hot, dry interior deserts to the north and east of Los Angeles County. They often sweep west into the county, bringing extremely dry air and high wind speeds that further desiccate plant communities during the period of the year when the constituent species have very low moisture content. The effect of these winds on existing fires is particularly dangerous; the winds can greatly increase the rate at which fires spread.</p> <p>Based on the conditions described above and the history of occurrence in the past, future events are very likely to occur. In the past, fires burning more than 1,000 acres have occurred about every 1 to 3 years. The extent of future events will depend on specific conditions at the time of the fire.</p>

Table 4-35. Wildfire Impact on Land Area

Entity	Very High LRA FHSZ		High SRA FHSZ		Very High SRA FHSZ	
	# of Sq. Miles	% of Sq. Miles	# of Sq. Miles	% of Sq. Miles	# of Sq. Miles	% of Sq. Miles
Los Angeles County	386.06	8.11	132.77	2.79	625.01	13.13
Unincorporated Los Angeles County	23.54	0.77	132.06	4.34	610.94	20.09
Supervisory District 1	31.42	12.76	0.00	0.00	1.13	0.46
Supervisory District 2	3.25	2.01	0.00	0.00	0.00	0.00
Supervisory District 3	140.58	32.60	0.01	0.00	92.18	21.38
Supervisory District 4	45.78	10.41	1.11	0.25	86.61	19.69
Supervisory District 5	164.90	5.87	131.65	4.69	444.99	15.85

Table 4-36. Wildfire Impact on Vulnerable Populations – People Experiencing Homelessness

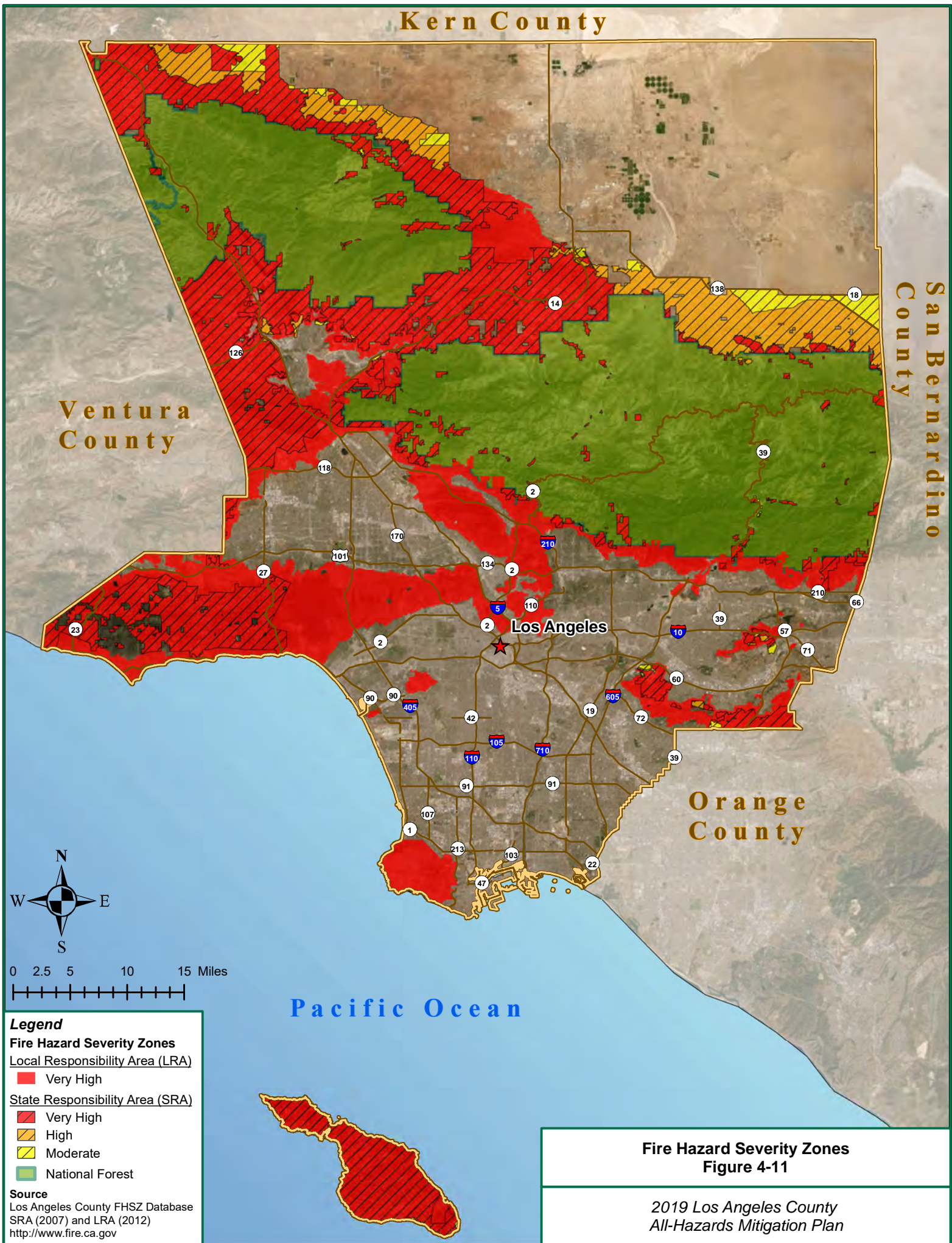
Entity	Very High LRA FHSZ		High SRA FHSZ		Very High SRA FHSZ	
	# of Homeless	% of Homeless	# of Homeless	% of Homeless	# of Homeless	% of Homeless
City of Los Angeles	1,291	3.92	0	0.00	0	0.00
Unincorporated Los Angeles County	88	1.49	58	0.99	465	7.91

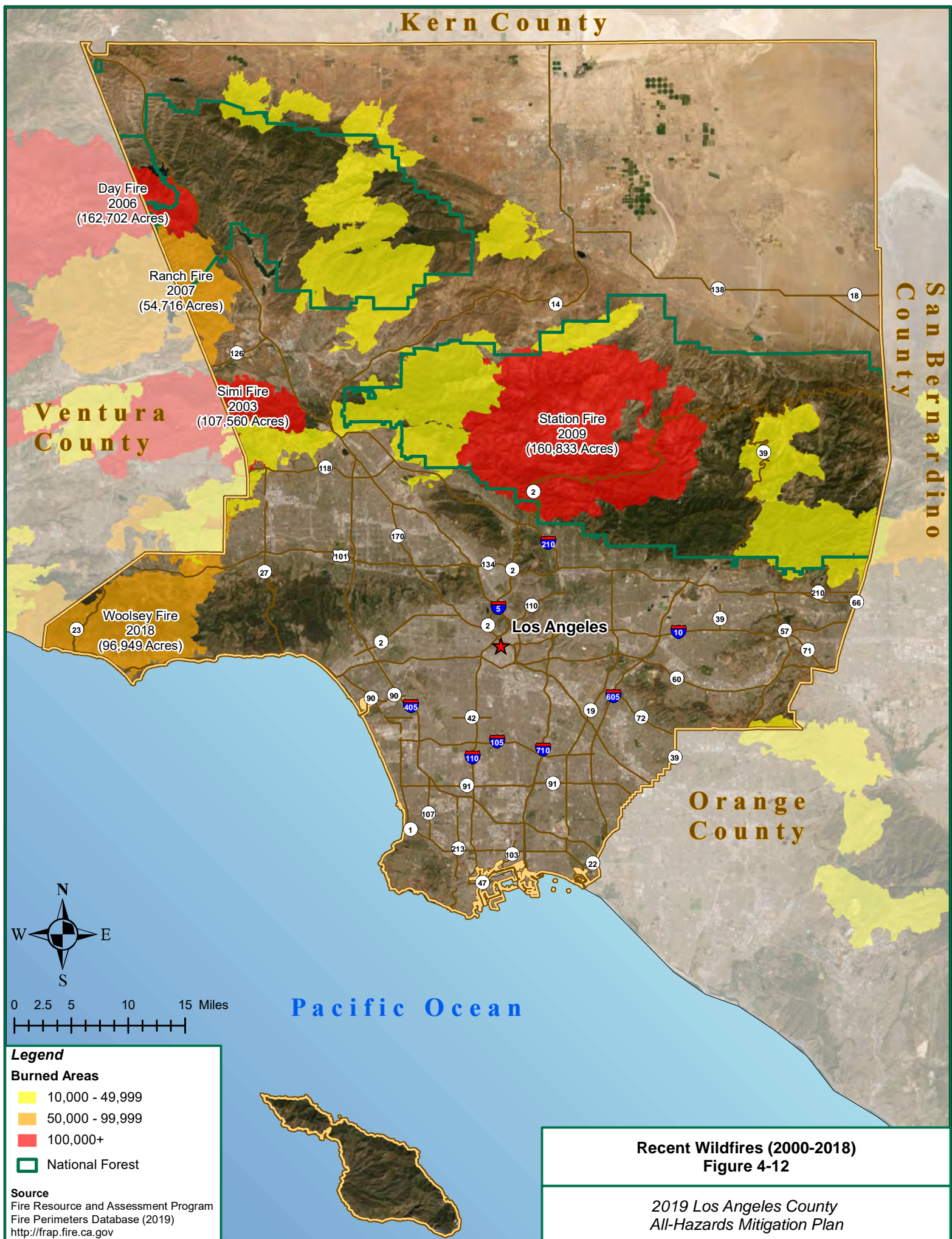
Table 4-37. Wildfire Impact on County Critical Facilities

Department / Agency	Very High LRA FHSZ		High SRA FHSZ		Very High SRA FHSZ	
	# of Facilities	% of Facilities	# of Facilities	% of Facilities	# of Facilities	% of Facilities
Los Angeles County Animal Care & Control	1	14.29	0	0.00	1	14.29
Los Angeles County Fire Department	39	11.57	1	0.30	14	4.15
Los Angeles County Health Services	1	3.45	0	0.00	0	0.00
Los Angeles County Library	7	8.24	1	1.18	2	2.35
LACMA & NHM	1	25.00	0	0.00	0	0.00
Los Angeles County Office of Education	3	8.11	0	0.00	3	8.11
Los Angeles County - Other (offices)	0	0.00	0	0.00	0	0.00
Los Angeles County Parks & Recreation	13	11.11	1	0.85	12	10.26
Los Angeles County Public Health	52	22.61	4	1.74	41	17.83
Los Angeles County Public Works	0	0.00	0	0.00	0	0.00
Los Angeles County Sheriff's Department	3	9.68	1	3.23	3	9.68

Table 4-38. Overall Summary of Vulnerability to Wildfires

Wildfire	
Summary	<p>Wildfires are not only capable of burning down vegetation, homes, critical facilities, and infrastructure, but they can also cause loss of life to humans and animals, soil erosion, debris flows, air pollution, serious health problems, and restriction of access to recreational areas.</p> <p>The areas in Los Angeles County that are most susceptible to wildfires are generally located in mountainous or hillside areas, including the Santa Monica Mountains, San Gabriel Mountains, Palos Verdes Hills, and Puente Hills. However, the areas that pose greatest risk to people are generally along the wildland-urban interface (WUI) or intermix. These areas are the transition zones between wildlands and human development and often where areas of housing and vegetation commingle.</p> <p>According to researchers at the United States Forest Service, fires in the WUI areas have not deterred redevelopment. In fact, according to the same researchers, there is a push to return the area to “normal” as soon as possible. California has the strictest fire regulations in the country, which supersede any type of local regulations. However, the rules do not apply to existing homes built before 1991, with the average home in California built decades prior. And unlike earthquakes and floods, there is not a retrofit type of program to encourage homeowners to bring their homes up to current fire requirements.</p>





5 MITIGATION STRATEGY

Section 5 – Mitigation Strategy addresses Element C of the Local Mitigation Plan Regulation Checklist.

Regulation Checklist – 44 CFR 201.6 Local Mitigation Plans
Element C: Mitigation Strategy
<p>C1. Does the Plan document each jurisdiction’s existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs? (Requirement § 201.6(c)(3))</p> <p>C2. Does the Plan address each jurisdiction’s participation in the NFIP and continued compliance with NFIP requirements, as appropriate? (Requirement § 201.6(c)(3)(i))</p> <p>C3. Does the Plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement § 201.6(c)(3)(i))</p> <p>C4. Does the Plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? (Requirement § 201.6(c)(3)(ii))</p> <p>C5. Does the Plan contain an action plan that describes how the actions identified will be prioritized (including cost benefit review), implemented, and administered by each jurisdiction? (Requirement § 201.6(c)(3)(iv)); (Requirement § 201.6(c)(3)(iii))</p> <p>C6. Does the Plan describe a process by which local governments will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? (Requirement § 201.6(c)(4)(ii))</p>

5.1 AUTHORITIES, POLICIES, PROGRAMS, AND RESOURCES

Los Angeles County’s existing authorities, policies, programs and resources available for hazard mitigation are listed in **Table 5-1** through **Table 5-3**. These tables have been updated since the 2014 AHMP to reflect any changes in human, technical, financial, legal, and regulatory resources.

Table 5-1 Human and Technical Resources for Hazard Mitigation

Staff/Personnel	Department / Agency	Principal Activities Related to Hazard Mitigation
Planner(s), engineer(s) and technical staff with knowledge of land development, land management practices, and human-caused and natural hazards.	Los Angeles County Department of Regional Planning	<p>Develops and maintains the Los Angeles County 2035 General Plan, including the safety element.</p> <p>Develops area plans based on the Los Angeles County 2035 General Plan, to provide more specific guidance for the development of more specific areas.</p> <p>Reviews private development projects and proposed capital improvements projects and other physical projects involving property for consistency and conformity with the Los Angeles County 2035 General Plan.</p> <p>Anticipates and acts on the need for new plans, policies, and code changes.</p> <p>Applies the approved plans, policies, code provisions, and other regulations to proposed land uses.</p>
Engineer(s), Building Inspectors/Code Enforcement Officers or other professional(s), and technical staff trained in construction requirements	Los Angeles County Public Works	Oversees the effective, efficient, fair, and safe enforcement of the 2017 County of Los Angeles Building Code.
Engineers, construction project managers, and supporting technical staff	Los Angeles County Public Works	Provides direct or contract civil, structural, and mechanical engineering services, including contract, project, and construction management.
Engineer(s), project manager(s), technical staff, equipment operators, and maintenance and construction staff	Los Angeles County Public Works	Maintains and operates of a wide range of local equipment and facilities and assists members of the public. This includes providing sufficient clean fresh water, reliable sewer services, street maintenance, storm drainage systems, street cleaning, street lights and traffic signals.
Floodplain Administrator	Los Angeles County Public Works	Enforces the floodplain management ordinance, ensures that new development proposals do not increase flood risk, and that new developments are not located below the 100-year flood level. In addition, the floodplain administrator is responsible for planning and managing flood risk reduction projects throughout the county.
Emergency Manager	Los Angeles County Chief Executive Office – Office of Emergency Management	Maintains and updates the Los Angeles County Operational Area Emergency Response Plan for the unincorporated areas of the county. In addition, coordinates local response and relief activities in the Emergency Operation Center, and works closely with local, state, and federal partners to support planning and training and to provide information and coordinate assistance.

Table 5-1 Human and Technical Resources for Hazard Mitigation

Staff/Personnel	Department / Agency	Principal Activities Related to Hazard Mitigation
Procurement Services Manager	Internal Services Department	Provides a full range of municipal financial services, administers several licensing measures, and functions as the county's procurement services manager.
Comptroller	Los Angeles County Auditor - Controller	Provides financial services including grant financial services.
District Attorney	Los Angeles County District Attorney	Provides legal services for the county.
Fire Chief	Los Angeles County Fire Department	Provides fire protection services including response, fire prevention, and mitigation activities for the county.
Sheriff	Los Angeles County Sheriff Department	Provides law enforcement services in the county.

Table 5-2. Financial Resources for Hazard Mitigation

Type	Administrator	Purpose	Amount
General Fund	Chief Executive Office	Program operations and specific projects.	Variable.
General Obligation Bonds	Los Angeles County Auditor-Controller	General obligation bonds are appropriately used for the construction and/or acquisition of improvements to real property broadly available to residents and visitors. Such facilities include but are not limited to: libraries, hospitals, parks, public safety facilities, and cultural and educational facilities.	Variable.
Special Tax and Revenue Bonds	Comptroller	Revenue bonds are used to finance capital projects that: 1) have an identified budgetary stream for repayment (e.g., specified fees, tax receipts); 2) generate project revenue but rely on a broader pledge of general fund revenues to reduce borrowing costs; or 3) finance the acquisition and installation of equipment for the local jurisdiction's general governmental purposes.	Variable.
Vegetation Management Program	Cal FIRE	Cost-sharing program between Cal FIRE and private land owners, which focuses on the use of prescribed fire, mechanical, biological, and chemical means addressing wildland fire fuel hazards and other resource management issues on SRA and LRA lands	Project-specific.
Wildfire Emergency and Mitigation Funds	Cal FIRE	Administers funding from the FEMA, Bureau of Land Management, and U.S. Forest Service for certain types of wildfire emergency and mitigation funding	Project-specific.
California Residential Mitigation Program	California Earthquake Authority	Created by the California Earthquake Authority and the Governor's Office of Emergency Services, Earthquake Brace + Bolt: Funds to Strengthen Your Foundation is the first incentive program offered by the California Residential Mitigation Program.	Project-specific.
Public Health Emergency Preparedness Cooperative Agreement.	Center for Disease Control	Funds are intended to upgrade state and local public health jurisdictions' preparedness and response to bioterrorism, outbreaks of infectious diseases, and other public health threats and emergencies.	Grant award based on specific projects as they are identified.

Table 5-2. Financial Resources for Hazard Mitigation

Type	Administrator	Purpose	Amount
Hazard Mitigation Grant Program	FEMA	Supports pre- and post-disaster mitigation plans and projects. Available to California communities after a presidentially declared disaster has occurred in California, administered by Cal OES.	Grant award based on specific projects as they are identified.
Pre-Disaster Mitigation grant program	FEMA	Supports pre-disaster mitigation plans and projects. Available on an annual basis as a nationally competitive grant, administered by Cal OES.	Grant award based on specific projects as they are identified.
Flood Mitigation Assistance grant program	FEMA	Mitigates repetitively flooded structures and infrastructure. Available on an annual basis, distributed to California communities, administered by Cal OES.	Grant award based on specific projects as they are identified.
Homeland Security Preparedness Technical Assistance Program	FEMA/DHS	Build and sustain preparedness technical assistance activities in support of the four homeland security mission areas (i.e., prevention, protection, response, recovery) and homeland security program management.	Grant award based on specific projects as they are identified.
Assistance to Firefighters Grant Program	FEMA/U.S. Fire Administration	Provides equipment, protective gear, emergency vehicles, training, and other resources needed to protect the public and emergency personnel from fire and related hazards. Available to fire departments and nonaffiliated emergency medical services providers.	Grant awards based on specific projects as they are identified.
Land and Water Conservation Funds	U.S. Department of the Interior	Supports the protection of federal public lands and waters and voluntary conservation on private land.	Project-specific.
Community Action for a Renewed Environment	U.S. Environmental Protection Agency (EPA)	Through financial and technical assistance offers an innovative way for a community to organize and take action to reduce toxic pollution (e.g., stormwater) in its local environment. Through this program, a community creates a partnership that implements solutions to reduce releases of toxic pollutants and minimize people's exposure to them.	Grant award based on specific projects as they are identified.
Clean Water State Revolving Fund	U.S. EPA	A loan program that provides low-cost financing to eligible entities on state and tribal lands for water quality projects, including all types of non-point source, watershed protection or restoration, estuary management projects, and more traditional municipal wastewater treatment projects.	Variable.

Table 5-2. Financial Resources for Hazard Mitigation

Type	Administrator	Purpose	Amount
Community Block Grant Program Entitlement Communities Grants	U.S. Department of Housing and Urban Development	Acquisition of real property, relocation and demolition, rehabilitation of residential and non-residential structures, construction of public facilities and improvements, such as water and sewer facilities, streets, neighborhood centers, and the conversion of school buildings for eligible purposes.	Grant award based on specific projects as they are identified.

Table 5-3. Legal and Regulatory Resources for Hazard Mitigation

Name	Description	Hazards Addressed	Emergency Management	Potential to Affect Development
Los Angeles County 2035 General Plan (2015)	Describes hazard areas and lists goals and policies to reduce the potential risk of death, injuries, and economic damage resulting from natural and human-caused hazards.	Seismic and geotechnical, flood and inundation hazards, and fire hazards.	Mitigation, Preparedness, Response	Yes
Comprehensive Floodplain Management Plan (2016)	Reviews existing floodplain management programs in the county and recommends enhancements to them through 35 mitigation actions.	Flood	Mitigation	Yes
Los Angeles County Fire Department 2018 Strategic Fire Plan	Identifies and prioritizes pre-fire and post-fire management strategies and tactics meant to reduce the loss of values at risk in Los Angeles County.	Wildfire	Preparedness, Mitigation	Yes
Greater Los Angeles County Region Integrated Regional Water Management Plan (2014)	Identifies a comprehensive set of solutions to achieve the several objectives over the 25-year planning horizon including reducing flood risk in flood prone areas by either increasing protection or decreasing needs using integrated flood management approaches and adapting to and mitigate against climate change vulnerabilities.	Flood, Climate Change	Mitigation	Yes
Unincorporated County Community Climate Action Plan 2020 (2015)	Provides a roadmap for successfully implementing greenhouse gas reduction measures in the County. It is a component of the General Plan Air Quality Element, the Community Climate Action Plan actions are closely tied to many of the goals, policies, and programs of the General Plan, as well as to several other existing programs in the County.	Climate Change	Mitigation	Yes
County of Los Angeles Local Coastal Programs	Requires coastal cities and counties to establish coastal resource conservation and development programs.	Climate change, flood	Prevention, Mitigation	Yes
Los Angeles County Floodplain Management Ordinance	Promotes the public health, safety, and general welfare. Additionally, aims to minimize public and private losses due to flood conditions in specific areas by legally enforceable regulations applied uniformly throughout the community to all publicly and privately owned land in flood prone, mudslide (i.e., mudflow) or flood related erosion areas.	Flood	Mitigation	Yes

Table 5-3. Legal and Regulatory Resources for Hazard Mitigation

Name	Description	Hazards Addressed	Emergency Management	Potential to Affect Development
Hillside Management Area Ordinance & Hillside Design Guidelines	Required for development in Hillside Management Areas, which are defined as areas with 25% or greater natural slopes. The guidelines include specific and measurable design techniques that can be applied to residential, commercial, industrial, and other types of projects.	Landslide	Mitigation	Yes
Los Angeles County Fuel Modification Code	Requires the review aspects such as structure location and type of construction, topography, slope, amount and arrangement of vegetation, and overall site settings for a new structure or an addition that is equal to or greater than 50% of the existing square footage. The objective of this approval plan process is to create defensible space necessary for effective fire protection of homes in the FHSZs.	Wildfire	Preparedness, Mitigation	Yes
California Fire Plan	Requires the County of Los Angeles Fire Plan Unit to implement the California Fire Plan, a statewide framework for minimizing costs and losses from wildland fires. The Fire Plan Unit uses a GIS platform to identify high hazard/high value areas and communities at risk in the wildland-urban interface.	Wildfire	Preparedness, Mitigation	Yes
Los Angeles County Brush Clearance Program	Legally declares both improved and unimproved properties a public nuisance, and where necessary, requires the clearance of hazardous vegetation. These measures create "Defensible Space" for effective fire protection of property, life, and the environment. The Brush Clearance Program is a joint effort between the County of Los Angeles Fire Department and the County of Los Angeles Department of Agricultural Commissioner/Weights and Measures, Weed Hazard, and Pest Abatement Bureau (Weed Abatement Division).	Wildfire	Mitigation	No

5.2 NFIP PARTICIPATION

The NFIP aims to reduce the impact of flooding to residential and non-residential buildings. It does so by providing insurance to property owners and by encouraging communities to adopt and enforce floodplain management regulations. Los Angeles County entered the NFIP in 1980, and the first Los Angeles County DFIRM was issued on December 2, 1980. The Los Angeles County Public Works enforces the county's floodplain management ordinance and participate in FEMA's Community Assisted Visits, which occur on a 3- to 5-year cycle. According to Los Angeles County Public Works, as of September 30, 2018, there are 1,553 floodplain policies in force in the unincorporated areas of Los Angeles County.

Los Angeles County also participates in the CRS program. The CRS program is a voluntary program for communities that engage in community floodplain management activities, which exceed the minimum NFIP standards. CRS communities benefit from reduced insurance rates and improved floodplain management programs. Los Angeles County is currently a Class 7 CRS community; therefore, homeowners who live in the SFHA can receive a 5 to 15 percent discount on their flood insurance policy.

5.3 MITIGATION GOALS

Mitigation goals are defined as general guidelines that explain what a community wants to achieve in terms of hazard and loss prevention. Goal statements are typically long-range, policy-oriented statements representing community-wide vision. For the 2019 AHMP, the overarching goal is for Los Angeles County to be a disaster resilient community. A disaster resilient community is able to prepare for, respond to, and recover from adverse hazards and disasters. According to laresilience.org, "in the resilience framework, less emphasis is placed on traditional, individually-focused preparedness efforts... building community resilience is really about making communities stronger."

5.4 POTENTIAL MITIGATION ACTIONS AND PROJECTS

Mitigation actions and projects help achieve the goals of the AHMP. For the 2019 AHMP, potential mitigation actions to be considered are listed below in **Table 5-4** and include the following hazard mitigation categories: education and awareness; natural systems protection; structure and infrastructure projects; preparedness and response; and local plans and regulations. This list addresses every hazard profiled in this plan and is based on the plan's risk assessment as well as lessons learned from recent disasters. It was developed using: FEMA success stories and best management practices; FEMA job aids; local and regional plans and reports; and input from subject matter experts and pertinent Los Angeles County departments and agencies.

Table 5-4. Potential Mitigation Actions and Projects

Red Flag Warning Public Outreach	
Project Description	Create an online and offline public outreach campaign for Red Flag Warnings. Include information about: what is a Red Flag Warning; what land may be closed; and what individuals should do to be prepared as well as what activities should be avoided. Tailor outreach material to various target groups, including people experiencing homelessness, the elderly, the young, and non-English speaking residents.

Table 5-4. Potential Mitigation Actions and Projects

Type of Project	Education and Awareness Programs
Hazard(s) Mitigated	Wildfire
Project Source	Red Flag Working Group, LA County Homeless Initiatives
Pros	Education can help reduce the risk of human-caused fires Public outreach is generally low-cost Public outreach to homeless individuals can help built rapport with county agencies
Cons	Maybe difficult to reach some target groups
Vegetation Management Program	
Project Description	Continue to implement the County's Vegetation Management Program. The Los Angeles County Fire Department Vegetation Management Unit works closely with the Fire Plan Unit and the Air and Wildland Division's Prescribed Fire Office to implement projects. The Vegetation Management Unit provides the State and County with required paperwork for prescribed burning, mechanical, biological and chemical treatment methods used in project areas.
Type of Project	Natural Systems Protection
Hazard(s) Mitigated	Wildfire
Project Source	Los Angeles County Fire Department
Pros	Program has been implemented in Los Angeles County for the last 40 years and are generally cost effective Can be used selectively to treat the most vulnerable areas
Cons	Often requires ongoing maintenance Can cause soil disturbance and increase sedimentation and erosion Prescribed fire and chemical application methods require close supervision
Fireproof Coating of Critical Assets	
Project Description	Fireproof coat critical facilities in Very High FHSZs which will allow structures to extend their strength in the event of a fire.
Type of Project	Structure and Infrastructure Projects
Hazard(s) Mitigated	Wildfire
Project Source	Los Angeles County Public Works
Pros	Generally cost-effective and non-toxic
Cons	None
Auxiliary Power for Critical Facilities	
Project Description	Determine which critical facilities need and do not have auxiliary power in order to remain functional during de-energization or "Public Safety Power Shut-Offs" and/or general loss of power and install auxiliary power systems. Auxiliary power systems may include back-up generators, local Solar Photovoltaic plus storage, and microgrids.
Type of Project	Structure and Infrastructure Projects
Hazard(s) Mitigated	Wildfire specifically, but also applies to all hazards

Table 5-4. Potential Mitigation Actions and Projects

Project Source	Los Angeles County Public Works
Pros	Provides emergency power to keep critical facilities operational and functional
Cons	Diesel generators can be expensive to operate and contribute to air pollution
Earthquake-Resistant Ductile Iron Pipes Replacement	
Project Description	Continue to replace aging critical pipes in extreme or violent shaking hazard areas and Class IX and X landslide hazard areas to improve seismic reliability/safeguard critical water distribution lines against the potential destructive impacts of large-scale earthquakes and accompanying landslides. Los Angeles County Public Works completed its' first earthquake-resistant ductile iron pipe replacement pilot program in 2013.
Type of Project	Structural and Infrastructure Projects
Hazard(s) Mitigated	Landslides, Earthquakes
Project Source	Los Angeles County Public Works
Pros	Improves water reliability Restores those without service more rapidly
Cons	None
Watershed Ecosystem Restoration	
Project Description	Modernize existing flood control retention facilities to improve flood protection, water quality and ecological health. Potential projects include: Arroyo Seco and Compton Creek.
Type of Project	Natural Systems Protection
Hazard(s) Mitigated	Climate Change, Flood, Tsunami
Project Source	County of Loss Angeles Repetitive Property Loss Area Analysis Progress Report (2017 – 2018), OurWaterLA
Pros	Reduces the risk of flooding to the surrounding neighborhoods Provides new recreational space and safety amenities
Cons	Additional studies needed to determine best approaches
Green Streets	
Project Description	Implement the Green Street Master Plan with the goal of identifying 110 feasible sites. A green street is a stormwater management approach that incorporates vegetation, soil, and engineered systems (e.g., permeable pavements) to slow, filter, and cleanse stormwater runoff from impervious surfaces. In addition to the traditional green street approach, incorporate “complete streets” design strategies to provide more room for emergency response vehicles and create defensible space in plaza areas and around buildings.
Type of Project	Natural Systems Protection, Preparedness and Response
Hazard(s) Mitigated	Stormwater/Flood, Climate Change
Project Source	Los Angeles County Public Works, U.S. EPA
Pros	Protects water quality in rivers and streams by removing pollutants

Table 5-4. Potential Mitigation Actions and Projects

	Replenishes groundwater supplies Absorbs carbon Improves air quality and neighborhood aesthetics Improves pedestrian and bicycle safety
Cons	Requires selected site suitability to do utility conflicts, and geotechnical and environmental characteristics
Coordinated Data Collection and Database Systems	
Project Description	Create coordinated data collection and database system in which intake and assessment information can be entered in real time and can support multiple users at the same time. Components can include critical facilities and vulnerable populations.
Type of Project	Preparedness and Response
Hazard(s) Mitigated	All hazards
Project Source	Los Angeles County OEM
Pros	Coordinated systems
Cons	Different data collection needs may require parallel databases
Brush Clearance Program	
Project Description	Expand the County's Brush Clearance Program to include a grant fundable mitigation component for qualified low-income and/or elderly homeowners that have properties that are found to be non-compliant. Instead of warning property owners and imposing infractions for inadequate fire hazard reduction, Los Angeles County will work with the homeowner to develop and implement a fire reduction plan.
Type of Project	Natural Systems Protection, Preparedness and Response
Hazard(s) Mitigated	Wildfire
Project Source	Los Angeles County Fire Department
Pros	Proactive, not reactive approach to working with homeowners to reducing wildfire fuel hazards
Cons	Often requires ongoing maintenance
Wildland Urban-Interface Ordinance	
Project Description	Codifying development standards to guide development in the WUI areas that face a severe threat of wildfires.
Type of Project	Local Plans and Regulations
Hazard(s) Mitigated	Wildfire
Project Source	Draft Safety Element Update for Los Angeles County 2035 General Plan, Los Angeles County Sustainability Plan
Pros	Additional review of development in WUIs will enable best practices are incorporated in the project design.
Cons	Additional regulations may be perceived as too burdensome by property owners.

Table 5-4. Potential Mitigation Actions and Projects

Urban Forest Management Plan	
Project Description	Create Urban Forest Management Plan for Los Angeles County with a well-defined scope that includes a comprehensive tree inventory, assessment of tree health, identification of shade-poor neighborhoods, cost-benefit analysis of tree vs shade-structure interventions, urban forest financing plan, and a plan for sustainable management.
Type of Project	Local Plans and Regulations
Hazard(s) Mitigated	Climate Change, Drought
Project Source	Los Angeles County Sustainability Plan (Los Angeles County Chief Sustainability Office), A Greater L.A. Climate Action Framework (L.A. Regional Collaborative for Climate Action and Sustainability), and Los Angeles County 2035 General Plan
Pros	Extreme heat is the greatest health threat to Los Angeles County residents. Providing shade will help mitigate the effects of extreme heat in disadvantaged neighborhoods. Residents from these communities may not have private vehicles and encounter problems traveling to cooling centers; they may also have limited access to air conditioning.
Cons	The inability of residents to pay for water to establish newly planted trees may hinder the establishment of an urban forest. County-wide water conservation measures during times of drought may also conflict with efforts to establish and maintain an urban forest. In such situations, shade structures may fulfill the same needs.
Community Wildfire Protection Plans	
Project Description	Continue to work with communities to develop Community Wildfire Protection Plans (CWPP). CWPPs enable communities to plan how they will reduce the risk of wildfire by identifying strategic sites and methods for fuel reduction projects across the landscape and jurisdictional boundaries.
Type of Project	Local Plans and Regulations
Hazard(s) Mitigated	Wildfire
Project Source	Los Angeles County Fire Department 2018 Strategic Fire Plan
Pros	Opportunity to establish a localized definition and boundary for the WUI. Priority funding is often given to projects and treatment areas identified in a CWPP.
Cons	May be difficult to get collaboration from stakeholders.

5.5 MITIGATION ACTION PLANS

A mitigation action plan is a prioritized list of proposed mitigation projects and actions that a community hopes to implement to reduce its' risks and vulnerabilities. The 2019 AHMP mitigation action plan, as shown in **Table 5-5** and **Table 5-6**, is prioritized into Tier 1 and Tier 2 activities:

- Tier 1 activities are essential to remedy or prevent a major health/safety hazard. They meet FEMA HMA grant criteria, including project eligibility, benefit-cost, and performance period.
- Tier 2 activities are important in building a culture and practice of disaster resilience that will prevent new risks. They do not necessarily require and/or meet FEMA HMA grant criteria (but may qualify for other state and federal funds).

Table 5-5. Tier 1 Mitigation Action Plan

Project Name	Implementation Details
Red Flag Warning Public Outreach	Department/Agency: LAHSA, Los Angeles County OEM, Los Angeles County Fire Department, and Los Angeles County Sheriff's Department Potential Funding Source: FEMA grants Performance Period: 6 months development, implementation prior to every summer/fall
Vegetation Management Program	Department/Agency: Los Angeles County Fire Department Potential Funding Source: Cal FIRE, FEMA grants Performance Period: Ongoing
Fireproof Coating of Critical Facilities	Department/Agency: Los Angeles County Public Works, Los Angeles County Fire Department Potential Funding Source: Cal FIRE, FEMA grants Performance Period: 1-3 years
Auxiliary Power for Critical Facilities	Department/Agency: Los Angeles County Public Works Potential Funding Source: FEMA grants Performance Period: Ongoing
Earthquake-Resistant Ductile Iron Pipes Replacement	Department/Agency: Los Angeles County Public Works Potential Funding Source: FEMA grants Performance Period: Ongoing
Brush Clearance Program	Department/Agency: Los Angeles County Fire Department Potential Funding Source: Cal FIRE, FEMA grants Performance Period: Ongoing
Community Wildfire Protection Plans	Department / Agency: Los Angeles County Fire Department Potential Funding Source: Cal FIRE, FEMA grants Performance Period: Ongoing

Table 5-6. Tier 2 Mitigation Action Plan

Project Name	Implementation Details
Watershed Ecosystem Restoration	Department/Agency: Los Angeles County Public Works Potential Funding Source: U.S. EPA, U.S. Department of Interior grants Performance Period: 3-5 years
Green Streets	Department/Agency: Los Angeles County Public Works Potential Funding Source: U.S. EPA grants Performance Period: 3-5 years
Coordinated Data Collection & Database Systems	Department/Agency: Los Angeles County OEM Potential Funding Source: County funds Performance Period: 1-2 years, Ongoing
Wildland Urban-Interface Ordinance	Department/Agency: Los Angeles County Department of Regional Planning, Los Angeles County Fire Department Potential Funding Source: County funds Performance Period: 6 months – 1 year
Urban Forest Management Plan	Department/Agency: Los Angeles County Department of Regional Planning, Los Angeles County Fire Department Potential Funding Source: County funds Performance Period: 1-2 years

5.6 PLAN INTEGRATION

The AHMP project manager will be the lead in working with Los Angeles County departments and agencies to ensure that elements of the 2019 AHMP are incorporated into other relevant county planning documents as they are created or updated.

As such, the AHMP project manager will work with:

- The Los Angeles County Public Works to incorporate the flood risk assessment and flood mitigation actions into the county's Comprehensive Floodplain Management Plan. The Comprehensive Floodplain Management Plan is currently being updated and is expected to be completed in 2021.
- The Los Angeles County Department of Regional Planning to ensure that the 2019 AHMP's hazard profiles and mitigation projects and actions align with those addressed in the General Plan's Safety Element. The Safety Element is currently being updated and is expected to be completed in 2021.
- The Los Angeles County OEM to ensure that the hazard profiles are included in the Los Angeles County Threat and Hazard Identification Risk Assessment and the Los Angeles County Operational Area Emergency Response Plans and Annexes as they are updated.

6 PLAN REVIEW, EVALUATION, AND IMPLEMENTATION

Section 4 – Plan Review, Evaluation, and Implementation addresses Element D of the Local Mitigation Plan Regulation Checklist.

Regulation Checklist – 44 CFR 201.6 Local Mitigation Plans	
Element D: Plan Review, Evaluation, and Implementation	
D1. Was the plan revised to reflect changes in development? (Requirement § 201.6(d)(3))	
D2. Was the plan revised to reflect progress in local mitigation efforts? (Requirement § 201.6(d)(3))	
D3. Was the plan revised to reflect changes in priorities? Requirement § 201.6(d)(3))	

6.1 CHANGES IN DEVELOPMENT

As noted in **Section 3.2**, the slowing population growth is in part due to the lack of housing. Most economists agree that building new housing is key to addressing the state’s housing crisis. During the drafting of the 2019 AHMP, nearly 28,000 units were under construction in Los Angeles County. In the city of Los Angeles, developers have targeted properties in older neighborhoods, rather than undeveloped land in the city’s outskirts. However, as the State of California pushes for greater growth in order to meet the governor’s goal of 3.5 million new units by 2025, there is growing concern that without land-use restrictions, new development will occur in fire-prone and other hazard areas of the county. These concerns are addressed within the 2019 AHMP mitigation strategy.

6.2 PROGRESS IN LOCAL MITIGATION EFFORTS

The 2014 AHMP Mitigation Actions Matrix was reviewed by each of the coordinating agencies identified on the matrix in order to determine mitigation action status. Mitigation actions that were identified as not having been implemented or deferred were considered for **Table 5-4**. Mitigation actions that were identified as completed are shown in **Table 6-1**.

In addition, the consultant reviewed the County of Los Angeles Floodplain Management Plan 2018 Progress Report to determine mitigation action status. Flood mitigation actions that were listed as “no progress” were considered for **Table 5-4**. Relevant flood mitigation actions that were listed as “project complete” are shown in **Table 6-1**.

Table 6-1. Completed Local Mitigation Efforts

Coordinating Agency	Project Description
Los Angeles County Department of Coroner	Purchased equipment to set up an off-site mobile morgue. This equipment was incorporated into the business continuity plan in case the main facility is unusable and would help to avoid unnecessary exposure of employees or the public to biological, radiological, or chemical agents.
Los Angeles County Department of Regional Planning	Updated building codes on January 1, 2017.

Table 6-1. Completed Local Mitigation Efforts

Coordinating Agency	Project Description
Los Angeles County Public Works	Continue the seismic upgrade to improve water reliability through earthquake-resistant pipe installation. The work took place on Reseda Boulevard from Roscoe to Strathern; Etiwanda Avenue from Roscoe to Strathern; Cantara Street from Reseda to Etiwanda; and Strathern Street from Reseda to Etiwanda.
Los Angeles County Public Works	In October 2017, the Los Angeles County Public Works mailed 3,551 copies of "Are You Prepared for A Flood?" brochure to property owners and residents in Special Flood Hazard Areas, County Floodways, and possible gaps in floodplain mapping (i.e., areas with possible flood hazards that are not on FEMA or County maps). The County of Los Angeles' National Flood Insurance Program (NFIP) website links were checked and updated. Previously, brochures were distributed to the Malibu, Rosemead, and Castaic Public Libraries. Brochures were distributed to additional public libraries closer to the floodplains including Topanga, Altadena, Duarte, and San Dimas.
Los Angeles County Public Works	In addition to the outreach efforts mentioned in Initiative No. 1 above, the Los Angeles County Public Works mailed 226 copies of CDs containing County of Los Angeles and FEMA publications to all property owners and residents in RL properties and properties in the RL areas.
Los Angeles County Public Works	In December 2017, the Los Angeles County Public Works mailed a letter and outreach materials to owners of critical facilities located in FEMA's-designated Special Flood Hazard Areas. Critical facilities that received outreach materials include schools, hospitals, fire stations, and health care facilities.
Los Angeles County Public Works	County of Los Angeles Office of Emergency Management, Fire Department, Sheriff's Department, and Public Works' Disaster Service Group participated in emergency preparedness events such as Los Angeles County's Preparation throughout this reporting period. Participants at the fair provided attendees with information and resources for preparation, such as the "Are You Prepared for a Flood?", "ALERT LA COUNTY" brochure, "Homeowner's Guide for Flood, Debris, and Erosion Control," and the "Emergency Survival Guide."

6.3 CHANGES IN PRIORITIES

The 2014 AHMP's Mitigation Action Matrix was prioritized using a number ranking system to determine a project's priority. For the 2019 AHMP, mitigation actions were prioritized into two separate groups, which both helped achieve meeting the goal of disaster resiliency. As noted in **Section 5.3**, resilient communities are able to minimize any disaster, making the return to normal life as soon and as effortless as possible. As such, the first part (i.e., first priority) of this goal is to ensure that life-safety needs are addressed as soon as possible. The second part (i.e., second priority) is to implement plans, policies, and programs to reduce current risks and prevent new/future ones.

7 PLAN ADOPTION

Section 6 – Plan Adoption addresses Element E of the Local Mitigation Plan Regulation Checklist.

Regulation Checklist – 44 CFR 201.6 Local Mitigation Plans	
Element E: Plan Adoption	
E1. Does the Plan include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval? (Requirement §201.6(c)(5))	
E2. For multi-jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption? (Requirement §201.6(c)(5))	

7.1 FORMAL ADOPTION

[To be completed] The 2019 AHMP was formally adopted by the Los Angeles County Board of Supervisors via resolution on [To be completed]. A scanned copy of the resolution is included as **Figure 7-2**. It will also be kept on file with Los Angeles County OEM and additional be sent to Cal OES and FEMA.

ADOPTION RESOLUTION

APPENDIX A – PLANNING PROCESS

From: Stephanie Kim

Sent: Tuesday, August 20, 2019 2:44 PM

To: XXX@monosheriff.org; XXX@ocsd.org; XXX@rivco.org; XXX@ontarioca.gov; XXX@inyocounty.us; XXX@co.imperial.ca.us; XXX@laquintaca.gov; XXX@sbcoem.org; XXX@mono.ca.gov; XXX@lcf.ca.gov; XXX@sa.ocgov.com; XXX@rivco.org; XXX@cbc.city.org; XXX@inyocounty.us; XXX@cityofbishop.com; XXX@sandiego.gov; XXX@rivco.org; XXX@octa.net; XXX@sbcscd.org; XXX@sandiego.gov; XXX@octa.net; XXX@rcoe.us; XXX@dgs.ca.gov; XXX@sbcscd.org; XXX@lawa.org; XXX@rivco.org; XXX@lausd.net; XXX@inyocounty.us; XXX@octa.net; XXX@ranchomirageca.gov; XXX@rivco.org; XXX@inyocounty.us; XXX@sbccd.edu; XXX@morongo-nsn.gov; XXX@noaa.gov; XXX@cityofredlands.org; XXX@morongo-nsn.gov; XXX@coachella.org; XXX@ocsd.org; XXX@sbcscd.org; XXX@cityoftemecula.org; XXX@santabarbaraca.gov; XXX@mwdh2o.com; XXX@sbcscd.org; XXX@kerncountyfire.org

Cc: XXX@ceooem.lacounty.gov

Subject: Los Angeles County Hazard Mitigation Plan Update

Dear Stakeholders,

We are reaching out to let you know that the Los Angeles County Office of Emergency Management is in the process of updating its' All-Hazards Mitigation Plan. I'm attaching our public outreach flyer for your information. We will send out an additional email when our draft plan goes out to public comment later this fall. If you have any questions or would like to be part of the plan update process, please contact me!

Emily Montanez

emontanez@ceooem.lacounty.gov

(323) 980-2813

Stephanie Kim
Academic Intern
LA County CEO Office of Emergency Management

2019 County of Los Angeles All-Hazards Mitigation Plan



The Los Angeles County Office of Emergency Management is updating the County's All-Hazards Mitigation Plan! Over the next few months, we will re-assess risks posed by natural disasters and review and revise existing strategies as well as develop new ones to protect life and property future events.

Natural disasters addressed in our plan include: climate change, dam failure, drought, flood, earthquake, landslide, tsunami, and wildfire.

Once our plan is completed and approved by FEMA, the County will be re-eligible to apply for and receive certain types of non-emergency disaster assistance, including funding for mitigation projects identified in our plan.

To learn more about hazard mitigation planning, please visit: <https://www.fema.gov/hazard-mitigation-planning>.

To learn more about our plan and/or participate in our planning process, please visit our website lacounty.gov/emergency or our Twitter account @ReadyLACounty.



Plan de Mitigación para Todos los Peligros del Condado de Los Ángeles 2019



¡La Oficina de Manejo de Emergencias del Condado de Los Ángeles está actualizando el Plan de Mitigación para Todos los Peligros del Condado! En los próximos meses, reevaluaremos los riesgos debidos a los desastres naturales y repasaremos y revisaremos las estrategias existentes, y también desarrollaremos otras nuevas para proteger vidas y propiedades antes de que ocurran incidentes futuros.

Los riesgos discutidos en nuestro plan incluyen: cambios climáticos, falla de presas, sequías, inundaciones, terremotos, deslizamientos de tierra, tsunami e incendios forestales.

Una vez que FEMA complete y apruebe nuestro plan, el Condado volverá a ser elegible para solicitar y recibir ciertos tipos de asistencia por desastre que no sea de emergencia, incluyendo la financiación para proyectos de mitigación identificados en nuestro plan.

Para obtener más información sobre la planificación de mitigación de riesgos, por favor visite: <https://www.fema.gov/hazard-mitigation-planning>.

Para obtener más información sobre nuestro plan y / o participar en nuestro proceso de planificación, visite nuestro sitio web lacounty.gov/emergency o nuestra cuenta de Twitter @ReadyLACounty.






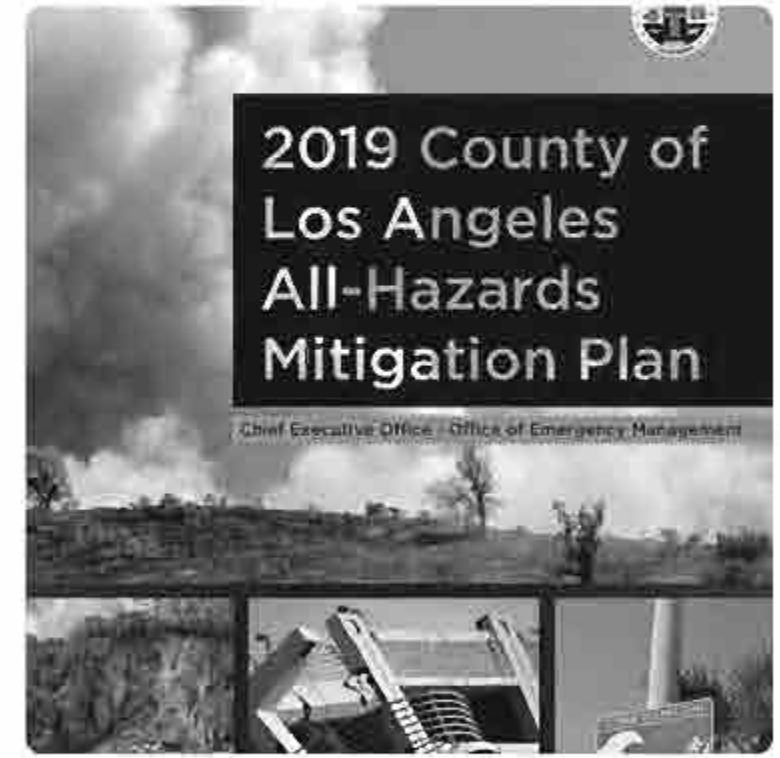
Ready Los Angeles County

Official account of the Los Angeles County Office of Emergency Management for disaster & preparedness information. Please note: change in account to @readylacounty.

Los Angeles County
@readylacounty
Twitter created 2012

 **Ready Los Angeles County**
@ReadyLACounty [Follow](#)

We are updating the County of Los Angeles All-Hazards Mitigation Plan in order to help protect life and property from future disaster events. To learn more about our plan, please follow our Twitter account @ReadyLACounty.



12:03 PM - 6 Aug 2019

2 Retweets 4 Likes



Ready Los Angeles County

@ReadyLACounty

Official Account of the Los Angeles County Office of Emergency Management for disaster & preparedness information. Please note change @LACOEOM to @ReadyLACounty

Los Angeles County

LACOEOM

Joined January 2012



Ready Los Angeles County

@ReadyLACounty

Follow

Our updated All-Hazards Mitigation Plan will address climate change, dam failure, drought, flood, earthquake, landslide, tsunami, and wildfire. What natural hazard concerns you the most?



11:36 AM · 21 Aug 2019

2 Retweets

1 Like



2



1



Tweet



Ready Los Angeles County

@ReadyLACounty

A hazard mitigation plan is required to be eligible for certain types of disaster assistance. To learn more about hazard mitigation planning, please visit: fema.gov/hazard-mitigat...



Local Mitigation Planning Handbook

March 2013



FEMA



2019 AHMP - Annual Review Worksheet

HMP Section	Questions	Yes	No	Comments
PLANNING PROCESS	Has your County department/agency (or other type of organization) done any public outreach activities regarding the AHMP or a mitigation project? If yes, please describe.			
	Has your County department/agency (or other type of organization) integrated any of the AHMP's elements into other plans or policies? If yes, please describe.			
HAZARD IDENTIFICATION	Has a disaster occurred in this reporting period that affected your department/agency (or other type of organization)?			
	Do you know of new hazard studies, reports and/or mapping available for Los Angeles County? If so, what are they?			
RISK ASSESSMENT	Does your County department/agency have any new critical assets that should be included in the 2024 AHMP risk assessment?			
	Have there been changes in development trends that could create additional risks?			
MITIGATION STRATEGY	Are there different or additional resources (financial, technical, and human) that are now available for mitigation planning?			
	Should new mitigation actions be added?			

2019 AHMP - Annual Review Worksheet

HMP Section	Questions	Yes	No	Comments
PLANNING PROCESS	Has your County department/agency (or other type of organization) done any public outreach activities regarding the AHMP or a mitigation project? If yes, please describe.			
	Has your County department/agency (or other type of organization) integrated any of the AHMP's elements into other plans or policies? If yes, please describe.			
HAZARD IDENTIFICATION	Has a disaster occurred in this reporting period that affected your department/agency (or other type of organization)?			
	Do you know of new hazard studies, reports and/or mapping available for Los Angeles County? If so, what are they?			
RISK ASSESSMENT	Does your County department/agency have any new critical assets that should be included in the 2024 AHMP risk assessment?			
	Have there been changes in development trends that could create additional risks?			
MITIGATION STRATEGY	Are there different or additional resources (financial, technical, and human) that are now available for mitigation planning?			
	Should new mitigation actions be added?			

2019 AHMP - Mitigation Project Progress Report			
Progress Report Period From (date):		To (date):	
Project Title:			
Project ID:			
Description of Project:			
Implementing Department/Agency:			
Supporting Department/Agencies:			
Contact Name:			
Contact E-mail:			
Contact Number:			
Grant/Finance Administrator:			
Total Project Cost:			
Anticipated Cost Overrun/Underrun:			
Date of Project Approval:			
Project Start Date:			
Anticipated Completion Date:			
Summary of Progress of Project for this Reporting Period			
1. What was accomplished during this reporting period?			
2. What obstacles, problems, or delays did the project encounter, if any?			
3. How were the problems resolved?			

APPENDIX B – COMMUNITY PROFILE

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Animal Care & Control	Agoura Animal Care Center
Animal Care & Control	Baldwin Park Animal Care Center
Animal Care & Control	Carson Animal Care Center
Animal Care & Control	Castaic Animal Care Center (Castaic)
Animal Care & Control	Downey Animal Care Center
Animal Care & Control	Lancaster County Animal Care Center
Animal Care & Control	Palmdale Animal Care Center
Fire Department	Bob Hope Airport Fire Department
Fire Department	City of Alhambra Fire Department - Training Facility
Fire Department	City of Alhambra Fire Department Station 71 - Headquarters
Fire Department	City of Alhambra Fire Department Station 72 - Southeast District
Fire Department	City of Alhambra Fire Department Station 73 - Northwest
Fire Department	City of Alhambra Fire Department Station 74 - Southwest
Fire Department	City of Arcadia Fire Department Station 105
Fire Department	City of Arcadia Fire Department Station 106 - Headquarters
Fire Department	City of Arcadia Fire Department Station 107
Fire Department	City of Avalon Fire Department
Fire Department	City of Beverly Hills Fire Department Station 1 - Headquarters
Fire Department	City of Beverly Hills Fire Department Station 2
Fire Department	City of Beverly Hills Fire Department Station 3
Fire Department	City of Burbank Fire Department Station 11 - Headquarters
Fire Department	City of Burbank Fire Department Station 12
Fire Department	City of Burbank Fire Department Station 13
Fire Department	City of Burbank Fire Department Station 14
Fire Department	City of Burbank Fire Department Station 15
Fire Department	City of Burbank Fire Department Station 16
Fire Department	City of Compton Fire Department Station 1 - Headquarters
Fire Department	City of Compton Fire Department Station 2
Fire Department	City of Compton Fire Department Station 3
Fire Department	City of Compton Fire Department Station 4
Fire Department	City of Downey Fire Department Station 1 - Headquarters
Fire Department	City of Downey Fire Department Station 2
Fire Department	City of Downey Fire Department Station 3
Fire Department	City of Downey Fire Department Station 4
Fire Department	City of Glendale Fire Department Station 21
Fire Department	City of Glendale Fire Department Station 22
Fire Department	City of Glendale Fire Department Station 23
Fire Department	City of Glendale Fire Department Station 24
Fire Department	City of Glendale Fire Department Station 25
Fire Department	City of Glendale Fire Department Station 26
Fire Department	City of Glendale Fire Department Station 27
Fire Department	City of Glendale Fire Department Station 28
Fire Department	City of Long Beach Fire Department - Beach Operations
Fire Department	City of Long Beach Fire Department - Headquarters
Fire Department	City of Long Beach Fire Department Station 1
Fire Department	City of Long Beach Fire Department Station 10
Fire Department	City of Long Beach Fire Department Station 11
Fire Department	City of Long Beach Fire Department Station 12
Fire Department	City of Long Beach Fire Department Station 13
Fire Department	City of Long Beach Fire Department Station 14
Fire Department	City of Long Beach Fire Department Station 15
Fire Department	City of Long Beach Fire Department Station 16
Fire Department	City of Long Beach Fire Department Station 17
Fire Department	City of Long Beach Fire Department Station 18
Fire Department	City of Long Beach Fire Department Station 19

Table B-1. County Critical Facilities

[illegible]

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Fire Department	City of Los Angeles Fire Department Station 65
Fire Department	City of Los Angeles Fire Department Station 66
Fire Department	City of Los Angeles Fire Department Station 67
Fire Department	City of Los Angeles Fire Department Station 68
Fire Department	City of Los Angeles Fire Department Station 7
Fire Department	City of Los Angeles Fire Department Station 71
Fire Department	City of Los Angeles Fire Department Station 76
Fire Department	City of Los Angeles Fire Department Station 80
Fire Department	City of Los Angeles Fire Department Station 82
Fire Department	City of Los Angeles Fire Department Station 9
Fire Department	City of Los Angeles Fire Department Station 92
Fire Department	City of Los Angeles Fire Department Station 94
Fire Department	City of Los Angeles Fire Department Station 95
Fire Department	City of Los Angeles Fire Department Station 97
Fire Department	City of Los Angeles Fire Department Station 99
Fire Department	City of Monterey Park Fire Department Station 61 - Headquarters
Fire Department	City of Monterey Park Fire Department Station 62
Fire Department	City of Monterey Park Fire Department Station 63
Fire Department	City of Santa Fe Springs Fire Department Station 1 - Headquarters
Fire Department	City of Santa Fe Springs Fire Department Station 2
Fire Department	City of Santa Fe Springs Fire Department Station 3
Fire Department	City of Santa Fe Springs Fire Department Station 4
Fire Department	City of Santa Monica Fire Department - Training Facility
Fire Department	City of Santa Monica Fire Department Station 1 - Headquarters
Fire Department	City of Santa Monica Fire Department Station 2
Fire Department	City of Santa Monica Fire Department Station 3
Fire Department	City of Santa Monica Fire Department Station 5
Fire Department	City of Vernon Fire Department Station 2
Fire Department	City of Vernon Fire Department Station 3
Fire Department	City of Vernon Fire Department Station 4
Fire Department	City of West Covina Fire Department Station 1
Fire Department	City of West Covina Fire Department Station 2
Fire Department	City of West Covina Fire Department Station 3
Fire Department	City of West Covina Fire Department Station 4
Fire Department	City of West Covina Fire Department Station 5
Fire Department	Culver City Fire Department Station 1 - Headquarters
Fire Department	Culver City Fire Department Station 2
Fire Department	Culver City Fire Department Station 3
Fire Department	La Verne Fire Department Station 1 - Headquarters
Fire Department	La Verne Fire Department Station 2
Fire Department	Los Angeles County Fire Department - HQ/Heliport/Training Facility
Fire Department	Los Angeles County Fire Department Station 1
Fire Department	Los Angeles County Fire Department Station 10
Fire Department	Los Angeles County Fire Department Station 101
Fire Department	Los Angeles County Fire Department Station 102
Fire Department	Los Angeles County Fire Department Station 103
Fire Department	Los Angeles County Fire Department Station 104
Fire Department	Los Angeles County Fire Department Station 105
Fire Department	Los Angeles County Fire Department Station 106
Fire Department	Los Angeles County Fire Department Station 107
Fire Department	Los Angeles County Fire Department Station 11
Fire Department	Los Angeles County Fire Department Station 110
Fire Department	Los Angeles County Fire Department Station 111
Fire Department	Los Angeles County Fire Department Station 112
Fire Department	Los Angeles County Fire Department Station 114

Table B-1. County Critical Facilities

[illegible]

Table B-1. County Critical Facilities

[illegible]

Table B-1. County Critical Facilities

[illegible]

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Fire Department	San Gabriel Fire Department Station 1 - Headquarters
Fire Department	San Gabriel Fire Department Station 2
Fire Department	San Marino Fire Department
Fire Department	Sierra Madre Volunteer Fire Department
Fire Department	South Pasadena Fire Department
Fire Department	The City of El Segundo Fire Department Station 1 - Headquarters
Fire Department	The City of El Segundo Fire Department Station 2
Fire Department	Torrance Fire Department Fire Station 1 - Headquarters
Fire Department	Torrance Fire Department Fire Station 2
Fire Department	Torrance Fire Department Fire Station 3
Fire Department	Torrance Fire Department Fire Station 4
Fire Department	Torrance Fire Department Fire Station 5
Fire Department	Torrance Fire Department Fire Station 6
Fire Department	Vernon Fire Department
Health Services	Antelope Valley Health Center
Health Services	Bellflower Health Center
Health Services	Central Public Health Center
Health Services	Curtis R. Tucker Health Center
Health Services	Dollarhide Health Center
Health Services	East Los Angeles Health Center
Health Services	East San Gabriel Valley Health Center
Health Services	Edward R. Roybal Comprehensive Health Center
Health Services	El Monte Comprehensive Health Center
Health Services	Glendale Health Center
Health Services	H. Claude Hudson Comprehensive Health Center
Health Services	Harbor-UCLA Medical Center
Health Services	High Desert Regional Health Center
Health Services	Hubert H. Humphrey Comprehensive Health Center
Health Services	La Puente Health Center
Health Services	LAC + USC Medical Center
Health Services	Lake Los Angeles Community Clinic
Health Services	Littlerock Community Clinic
Health Services	Long Beach Comprehensive Health Center
Health Services	Martin Luther King, Jr. Outpatient Center
Health Services	Mid Valley Comprehensive Health Center
Health Services	Olive View-UCLA Medical Center
Health Services	Rancho Los Amigos National Rehabilitation Center
Health Services	San Fernando Health Center
Health Services	South Valley Health Center
Health Services	Torrance Health Center
Health Services	Vaughn School Based Health Center
Health Services	West Valley Health Center
Health Services	Wilmington Health Center
Library	A C Bilbrew Library
Library	Acton Agua Dulce Library
Library	Agoura Hills Library
Library	Alondra Library
Library	Angelo M. Iacoboni Library
Library	Anthony Quinn Library
Library	Artesia Library
Library	Avalon Library
Library	Baldwin Park Library
Library	Bell Gardens Library
Library	Bell Library
Library	Carson Library

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Library	Castaic Library
Library	Charter Oak Library
Library	Chet Holifield Library
Library	City Terrace Library
Library	Claremont Helen Renwick Library
Library	Clifton M. Brakensiek Library
Library	Compton Library
Library	Cudahy Library
Library	Culver City Julian Dixon Library
Library	Diamond Bar Library
Library	Dr. Martin Luther King, Jr. Library
Library	Duarte Library
Library	East Los Angeles Library
Library	East Rancho Dominguez Library
Library	El Camino Real Library
Library	El Monte Library
Library	Florence Express Library
Library	Gardena Mayme Dear Library
Library	George Nye Jr. Library
Library	Graham Library
Library	Hacienda Heights Library
Library	Hawaiian Gardens Library
Library	Hawthorne Library
Library	Hermosa Beach Library
Library	Hollydale Library
Library	Huntington Park Library
Library	La Canada Flintridge Library
Library	La Crescenta Library
Library	La Mirada Library
Library	La Puente Library
Library	La Verne Library
Library	Lake Los Angeles Library
Library	Lancaster Library
Library	Lawndale Library
Library	Leland R. Weaver Library
Library	Lennox Library
Library	Littlerock Library
Library	Live Oak Library
Library	Lloyd Taber-Marina del Rey Library
Library	Lomita Library
Library	Los Nietos Library
Library	Lynwood Library
Library	Malibu Library
Library	Manhattan Beach Library
Library	Masao W. Satow Library
Library	Maywood Cesar Chavez Library
Library	Montebello Library
Library	Norwalk Library
Library	Norwood Library
Library	Paramount Library
Library	Pico Rivera Library
Library	Quartz Hill Library
Library	Rivera Library
Library	Rosemead Library
Library	Rowland Heights Library

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Library	San Dimas Library
Library	San Fernando Library
Library	San Gabriel Library
Library	Sorensen Library
Library	South El Monte Library
Library	South Whittier Library
Library	Stevenson Ranch Library
Library	Sunkist Library
Library	Temple City Library
Library	Topanga Library
Library	View Park Bebe Moore Campbell Library
Library	Walnut Library
Library	West Covina Library
Library	West Hollywood Library
Library	Westlake Village Library
Library	Willowbrook Library
Library	Wiseburn Library
Library	Woodcrest Library
Los Angeles County Museum of Arts & Museum of Natural History	La Brea Tarpits
Los Angeles County Museum of Arts & Museum of Natural History	Los Angeles County Museum of Art
Los Angeles County Museum of Arts & Museum of Natural History	Natural History Museum
Los Angeles County Museum of Arts & Museum of Natural History	William S. Hart Museum
Office of Education	Afflerbaugh-Paige Camp
Office of Education	Alma Fuerte Public
Office of Education	Animo City of Champions Charter High
Office of Education	Aspire Antonio Maria Lugo Academy
Office of Education	Aspire Ollin University Preparatory Academy
Office of Education	Central Juvenile Hall
Office of Education	Da Vinci RISE High
Office of Education	Environmental Charter Middle
Office of Education	Environmental Charter Middle - Inglewood
Office of Education	Intellectual Virtues Academy
Office of Education	International Polytechnic High
Office of Education	Jardin de la Infancia
Office of Education	Kirby, Dorothy Camp
Office of Education	L.A. County High School for the Arts
Office of Education	LA's Promise Charter High #1
Office of Education	LA's Promise Charter Middle #1
Office of Education	Lashon Academy
Office of Education	Los Angeles County Special Education
Office of Education	Los Angeles International Charter High
Office of Education	Los Padrinos Juvenile Hall
Office of Education	Magnolia Science Academy
Office of Education	Magnolia Science Academy 2
Office of Education	Magnolia Science Academy 3
Office of Education	Magnolia Science Academy 5
Office of Education	McNair Camp
Office of Education	Nidorf, Barry J.
Office of Education	North Valley Military Institute College Preparatory Academy
Office of Education	Odyssey Charter
Office of Education	Onizuka Camp

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Office of Education	Optimist Charter
Office of Education	Phoenix Academy Residential Education Center
Office of Education	Renaissance County Community
Office of Education	Road to Success Academy at Campus Kilpatrick
Office of Education	Rockey, Glenn Camp
Office of Education	Scott, Joseph Camp
Office of Education	Soleil Academy Charter
Office of Education	Valiente College Preparatory Charter
Other (Office)	1000 S. Fremont Ave.
Other (Office)	1055 Wilshire Blvd.
Other (Office)	1100 North Eastern Ave.
Other (Office)	1104 N. Mission Rd.
Other (Office)	12300 Lower Azusa Rd.
Other (Office)	12400 Imperial Highway
Other (Office)	12860 Crossroads Parkway South
Other (Office)	1320 North Eastern Ave.
Other (Office)	13837 Fiji Way
Other (Office)	1816 S. Figueroa
Other (Office)	210 W. Temple St.
Other (Office)	211 W. Temple St.
Other (Office)	313 N Figueroa St.
Other (Office)	3175 West Sixth St.
Other (Office)	320 West Temple St.
Other (Office)	425 Shatto Place
Other (Office)	550 South Vermont Ave.
Other (Office)	5770 S. Eastern Ave.
Other (Office)	5898 Cherry Ave.
Other (Office)	5905 Wilshire Blvd.
Other (Office)	700 W. Main St.
Other (Office)	7400 East Imperial Highway
Other (Office)	900 South Fremont Ave.
Other (Office)	Kenneth Hahn Hall of Administration
Parks & Recreation	Acton Park
Parks & Recreation	Adventure Park
Parks & Recreation	Adventure Park
Parks & Recreation	Allen J. Martin Park
Parks & Recreation	Alondra Community Regional Park
Parks & Recreation	Alondra Community Regional Park
Parks & Recreation	Amelia Mayberry Park
Parks & Recreation	Amelia Mayberry Park
Parks & Recreation	Amigo Park
Parks & Recreation	Arcadia Community Regional Park
Parks & Recreation	Arcadia Community Regional Park
Parks & Recreation	Athens Park
Parks & Recreation	Athens Park
Parks & Recreation	Bassett Park
Parks & Recreation	Bassett Park
Parks & Recreation	Bassett Park
Parks & Recreation	Belvedere Community Regional Park
Parks & Recreation	Belvedere Community Regional Park
Parks & Recreation	Bodger Park
Parks & Recreation	Carolyn Rosas Park
Parks & Recreation	Castaic Regional Sports Complex
Parks & Recreation	Castaic Regional Sports Complex
Parks & Recreation	Charles S. Farnsworth Park

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Parks & Recreation	Charles S. Farnsworth Park
Parks & Recreation	Charles S. Farnsworth Park
Parks & Recreation	Charles S. Farnsworth Park
Parks & Recreation	Charter Oak Park
Parks & Recreation	City Terrace Park
Parks & Recreation	City Terrace Park
Parks & Recreation	Col. Leon H. Washington Park
Parks & Recreation	Col. Leon H. Washington Park
Parks & Recreation	Crescenta Valley Community Regional Park
Parks & Recreation	Crescenta Valley Community Regional Park
Parks & Recreation	Dalton Park
Parks & Recreation	Del Aire Park
Parks & Recreation	Del Aire Park
Parks & Recreation	Devil's Punchbowl Natural Area and Nature Center
Parks & Recreation	Dexter Park
Parks & Recreation	Dexter Park
Parks & Recreation	Don Knabe Community Regional Park
Parks & Recreation	Don Knabe Community Regional Park
Parks & Recreation	Don Knabe Community Regional Park
Parks & Recreation	East Rancho Dominguez Park
Parks & Recreation	East Rancho Dominguez Park
Parks & Recreation	East Rancho Dominguez Park
Parks & Recreation	El Cariso Community Regional Park
Parks & Recreation	El Cariso Community Regional Park
Parks & Recreation	El Cariso Community Regional Park
Parks & Recreation	Enterprise Park
Parks & Recreation	Eugene A. Obregon Park
Parks & Recreation	Eugene A. Obregon Park
Parks & Recreation	Franklin D. Roosevelt Park
Parks & Recreation	Franklin D. Roosevelt Park
Parks & Recreation	George Lane Park
Parks & Recreation	George Lane Park
Parks & Recreation	George Washington Carver Park
Parks & Recreation	Hacienda Heights Community and Rec Center
Parks & Recreation	Hacienda Heights Community and Rec Center
Parks & Recreation	Hacienda Heights Community and Rec Center
Parks & Recreation	Helen Keller Park
Parks & Recreation	Hollywood Bowl
Parks & Recreation	Jackie Robinson Park
Parks & Recreation	Jackie Robinson Park
Parks & Recreation	Jesse Owens Community Regional Park
Parks & Recreation	Jesse Owens Community Regional Park
Parks & Recreation	John Anson Ford Amphitheatre
Parks & Recreation	John Anson Ford Amphitheatre
Parks & Recreation	Kenneth Hahn State Recreation Area
Parks & Recreation	Ladera Park
Parks & Recreation	Ladera Park
Parks & Recreation	Ladera Park
Parks & Recreation	Lennox Park
Parks & Recreation	Lennox Park
Parks & Recreation	Lennox Park
Parks & Recreation	Loma Alta Park
Parks & Recreation	Loma Alta Park
Parks & Recreation	Los Angeles County Arboretum and Botanic Garden
Parks & Recreation	Manzanita Park

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Parks & Recreation	Mary M. Bethune Park
Parks & Recreation	Mary M. Bethune Park
Parks & Recreation	Mona Park
Parks & Recreation	Mona Park
Parks & Recreation	Pamela County Park
Parks & Recreation	Pamela County Park
Parks & Recreation	Pathfinder Community Regional Park
Parks & Recreation	Pearblossom County Park
Parks & Recreation	Peter F Schabarum Regional County Park
Parks & Recreation	Ringrove Park
Parks & Recreation	Rowland Heights Park
Parks & Recreation	Roy Campanella Park
Parks & Recreation	Ruben F Salazar Park
Parks & Recreation	Ruben F Salazar Park
Parks & Recreation	Ruben F Salazar Park
Parks & Recreation	San Angelo Park
Parks & Recreation	San Fernando Recreation Park and Aquatic Center
Parks & Recreation	Saybrook Park
Parks & Recreation	Sorensen Park
Parks & Recreation	South Coast Botanic Garden
Parks & Recreation	Stephen Sorensen Park
Parks & Recreation	Sunshine Park
Parks & Recreation	Ted Watkins Memorial Park
Parks & Recreation	Ted Watkins Memorial Park
Parks & Recreation	Tesoro Adobe Historic Park
Parks & Recreation	Val Verde Community Regional Park
Parks & Recreation	Val Verde Community Regional Park
Parks & Recreation	Valleydale Park
Parks & Recreation	Valleydale Park
Parks & Recreation	Vasquez Rocks Natural Area and Nature Center
Parks & Recreation	Veterans Memorial Community Regional Park
Parks & Recreation	Victoria Community Regional Park
Parks & Recreation	Victoria Community Regional Park
Parks & Recreation	Walnut Nature Park
Parks & Recreation	Whittier Narrows Recreation Area
Parks & Recreation	William S. Hart Regional Park
Parks & Recreation	William Steinmetz Park
Parks & Recreation	William Steinmetz Park
Parks & Recreation	William Steinmetz Park
Public Health	Antelope Valley Health Center
Public Health	Central Public Health Center
Public Health	Curtis R. Tucker Health Center
Public Health	Glendale Health Center
Public Health	Hollywood/Wilshire Public Health Center
Public Health	Martin Luther King, Jr. Center for Public Health
Public Health	Monrovia Public Health Center
Public Health	North Hollywood Public Health Center
Public Health	Pacoima Public Health Center
Public Health	Pomona Public Health Center
Public Health	Ruth-Temple Public Health Center
Public Health	Simms/Mann Health and Wellness Center
Public Health	Torrance Public Health Center
Public Health	Whittier Public Health Center
Public Works	Big Dalton Dam
Public Works	Big Tujunga Dam

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Public Works	Brackett Field Airport
Public Works	Cogswell Dam
Public Works	Compton/Woodley Airport
Public Works	Devil's Gate Dam
Public Works	Eaton Wash Dam
Public Works	General Wm. J. Fox Airfield
Public Works	Live Oak Dam
Public Works	Morris Dam
Public Works	Pacoima Dam
Public Works	Puddingstone Dam
Public Works	Puddingstone Diversion Dam
Public Works	PW Headquarters Building
Public Works	PW ITD – Mount Wilson Radio Antenna Tower
Public Works	PW ITD – Mount Wilson Radio Facility Bldg.
Public Works	PW OSD - Eaton Yard – Maintenance Office
Public Works	PW RMD – 518-B Maintenance Yard
Public Works	PW RMD – Baldwin Park Maintenance Yard
Public Works	PW RMD - Div 446 Maintenance Yard
Public Works	PW RMD – Div. #116 Maintenance Yard
Public Works	PW RMD – Div. #141/241 Maintenance Yard
Public Works	PW RMD – Div. #142 Maintenance Yard
Public Works	PW RMD – Div. #232 Maintenance Yard
Public Works	PW RMD – Div. #336 Maint. Yd.
Public Works	PW RMD – Div. #339/539 Agoura Maintenance Yard
Public Works	PW RMD – Div. #417 Maintenance Yard
Public Works	PW RMD – Div. #446 Sub Maintenance Yard
Public Works	PW RMD – Div. #518 Maintenance Yard
Public Works	PW RMD – Div. #519 Maintenance Yard
Public Works	PW RMD – Div. #523 Maintenance Yard
Public Works	PW RMD – Div. #524 Maintenance Yard
Public Works	PW RMD – Div. #526 Maint. Yd.
Public Works	PW RMD – Div. #551 Maintenance Yard
Public Works	PW RMD – Div. #555 Maintenance Yard
Public Works	PW RMD – Div. #558 Maint. Yard
Public Works	PW RMD – Div. #558a Jackson Lake Maintenance Yd.
Public Works	PW RMD – Div. #559b Maintenance Yard
Public Works	PW RMD - Lower Central Yard – Division Administration
Public Works	PW RMD – Maint. District 3 Yard
Public Works	PW RMD – Maintenance District No.4 Yard
Public Works	PW RMD – Palmdale Maintenance Dist. No. 5 Bldg. Yard
Public Works	PW RMD - Upper Central Yard
Public Works	PW RMD – Van Pelt Bridge Maintenance Yard
Public Works	PW SMD - 132ND Street
Public Works	PW SMD - 213TH Street
Public Works	PW SMD - AGAVE
Public Works	PW SMD - Balfour
Public Works	PW SMD - Bradhurst
Public Works	PW SMD - Broadway
Public Works	PW SMD - CAPALLERO
Public Works	PW SMD - Centinela
Public Works	PW SMD – Central Yard
Public Works	PW SMD - Commerce Center Drive
Public Works	PW SMD - Davids Road
Public Works	PW SMD – East Yard
Public Works	PW SMD - Heatherfield

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Public Works	PW SMD – Lake Hughes
Public Works	PW SMD - Lake Hughes - Newvale
Public Works	PW SMD - Lake Hughes - Trail K
Public Works	PW SMD - Lawndale
Public Works	PW SMD - LOWRIDGE
Public Works	PW SMD – Malibu Mesa WWTP
Public Works	PW SMD – Malibu TP
Public Works	PW SMD - Marina Del Rey
Public Works	PW SMD - Maybrook
Public Works	PW SMD - Muscatel
Public Works	PW SMD – North Yard
Public Works	PW SMD - Painter
Public Works	PW SMD – South Yard
Public Works	PW SMD - Surrey Drive
Public Works	PW SMD - Trancas WWTP
Public Works	PW SMD - TYLER
Public Works	PW SMD - Ulmus
Public Works	PW SMD - Viewridge
Public Works	PW SWMD - 120th St. Pump Station
Public Works	PW SWMD - 17th St Pump Station
Public Works	PW SWMD – 83rd St. Maintenance Yard
Public Works	PW SWMD - Alameda Street 3B Pump Station
Public Works	PW SWMD - Alameda Street 3C Pump Station
Public Works	PW SWMD - Alamitos Bay Pump Station
Public Works	PW SWMD – Alamitos Maintenance Yard
Public Works	PW SWMD - Alondra Pump Station
Public Works	PW SWMD - Anaheim St. Pump Station
Public Works	PW SWMD - Appian Way Pump Station
Public Works	PW SWMD - Arena Pump Station
Public Works	PW SWMD - Avalon Pump Station
Public Works	PW SWMD - Belmont Pump Station
Public Works	PW SWMD - Boone Olive Pump Station
Public Works	PW SWMD - Century Frwy Pump Station
Public Works	PW SWMD - Cerritos Pump Station
Public Works	PW SWMD - Claretta Pump Station
Public Works	PW SWMD - Compton Creek Pump Station #1
Public Works	PW SWMD - Compton Creek Pump Station #2
Public Works	PW SWMD - Cordova Walk Pump Station
Public Works	PW SWMD - Dominger Pump Station
Public Works	PW SWMD - Dominguez Pump Station
Public Works	PW SWMD - Doris Pump Station
Public Works	PW SWMD - East Toledo Pump Station
Public Works	PW SWMD – Eaton Maintenance Yard
Public Works	PW SWMD - El Dorado Pump Station
Public Works	PW SWMD - El Segundo Pump Station
Public Works	PW SWMD – El Segundo Yard
Public Works	PW SWMD - Electric Ave Pump Station
Public Works	PW SWMD - Garnet Avenue Pump Station
Public Works	PW SWMD - Hamilton Bowl South Pump Station
Public Works	PW SWMD - Hamilton Bowl West Pump Station
Public Works	PW SWMD - Hill St. Pump Station
Public Works	PW SWMD – Imperial Yard
Public Works	PW SWMD - Johnson Pump Station
Public Works	PW SWMD - Lakewood Pump Station
Public Works	PW SWMD - Lennox Blvd Pump Station

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Public Works	PW SWMD – Longden Yard
Public Works	PW SWMD - Los Altos Pump Station
Public Works	PW SWMD - Lynwood Pump Station
Public Works	PW SWMD - Manhattan Beach Pump Station
Public Works	PW SWMD - Market St. Pump Station
Public Works	PW SWMD - Naples Pump Station
Public Works	PW SWMD - Oxford Pump Station
Public Works	PW SWMD - Paramount Pump Station
Public Works	PW SWMD – Pickens Yard
Public Works	PW SWMD - Redondo Beach Blvd Pump Station
Public Works	PW SWMD – Redondo Yard Office
Public Works	PW SWMD – Rio Hondo Yard
Public Works	PW SWMD – Riverview Maintenance Yard
Public Works	PW SWMD – Rubio Yard
Public Works	PW SWMD – San Dimas Maintenance Yard
Public Works	PW SWMD – Santa Clara Flood Maintenance Yard
Public Works	PW SWMD – Saticoy Yard
Public Works	PW SWMD - Seaside Pump Station
Public Works	PW SWMD - Walteria Lake Pump Station
Public Works	PW SWMD - West Long Beach Pump Station
Public Works	PW SWMD - West Neapolitan Pump Station
Public Works	PW SWMD - West Toledo Pump Station
Public Works	PW SWMD - Wilmington Unit 2 Pump Station
Public Works	PW WWD - 116th street pump station
Public Works	PW WWD - 116th street Tank
Public Works	PW WWD - 168th and G Pump station
Public Works	PW WWD - 27 Tank
Public Works	PW WWD - 37-1 Well
Public Works	PW WWD - 37-3 Well
Public Works	PW WWD - 37-4 Well
Public Works	PW WWD - 39 Tank
Public Works	PW WWD - Adobe Tank
Public Works	PW WWD - Anaverde Tanks and pump station
Public Works	PW WWD - Bev martin tank and Pump Station
Public Works	PW WWD - Blue Rock Tank
Public Works	PW WWD - Butte's Tank
Public Works	PW WWD - City Ranch Tanks
Public Works	PW WWD - Crown Valley Pump station
Public Works	PW WWD - Cuyama Tank
Public Works	PW WWD - Ft. Tejon Tank
Public Works	PW WWD - Hasley Pump Station
Public Works	PW WWD - Hasley Tank
Public Works	PW WWD - Joshua Ranch Tank
Public Works	PW WWD - Kohl's tank
Public Works	PW WWD - Los Valles Pump station and Well
Public Works	PW WWD - M & 7th west Tank site
Public Works	PW WWD - McCennery Tank
Public Works	PW WWD - North Tank
Public Works	PW WWD - Old timers tank and pump station
Public Works	PW WWD - P-10 Pump station
Public Works	PW WWD - Q-9 Tanks
Public Works	PW WWD - Rancho Vista tanks
Public Works	PW WWD - South Tank
Public Works	PW WWD - Tierra Subida Pump Station
Public Works	PW WWD - Tierra Subida Tanks

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Public Works	PW WWD - Vincent Pump station
Public Works	PW WWD #04 – M/5e Water Tank
Public Works	PW WWD #04 – North Administration Building
Public Works	PW WWD #04-M8/75w Water Tank
Public Works	PW WWD #29 - 20858 Regulating Station
Public Works	PW WWD #29 - Big Rock 1010 Tank
Public Works	PW WWD #29 - Big Rock 1200 Tank
Public Works	PW WWD #29 - Big Rock 900 Pump Station
Public Works	PW WWD #29 - Broad Beach Regulating Station
Public Works	PW WWD #29 - Carbon Mesa Tank
Public Works	PW WWD #29 - Entrada Pump Station
Public Works	PW WWD #29 - Entrada Tank
Public Works	PW WWD #29 - Fernwood Tank
Public Works	PW WWD #29 - Guernsey Regulating Station
Public Works	PW WWD #29 - Heather Cliff Regulating Station
Public Works	PW WWD #29 - Horizon Tank
Public Works	PW WWD #29 - Hume Tank
Public Works	PW WWD #29 - La Chusa Feeder Regulating Station
Public Works	PW WWD #29 - La Costa
Public Works	PW WWD #29 - La Costa Regulating Station
Public Works	PW WWD #29 – LADWP Emergency Mindanao Connection
Public Works	PW WWD #29 - Las Flores Pump Station
Public Works	PW WWD #29 - Las Flores Tank
Public Works	PW WWD #29 - Latigo Tank
Public Works	PW WWD #29 - Lower Big Rock 195 Pump Station
Public Works	PW WWD #29 - Lower Busch Pump Station
Public Works	PW WWD #29 - LVMWD , Saddle Peak Interconnection
Public Works	PW WWD #29 - LVMWD, Hume Connection
Public Works	PW WWD #29 - LVMWD, Latigo Connection
Public Works	PW WWD #29 - Malibu Beach Pump Station
Public Works	PW WWD #29 - Malibu Knolls Tank
Public Works	PW WWD #29 - New Summit Tank
Public Works	PW WWD #29 - Nicholas Beach Tank
Public Works	PW WWD #29 - Old Summit Tank
Public Works	PW WWD #29 - Owen Pump Station
Public Works	PW WWD #29 - Pepperdine 545 Pump Station
Public Works	PW WWD #29 - Pepperdine 812 Tank
Public Works	PW WWD #29 - Pepperdine 907 Tank
Public Works	PW WWD #29 - Philip Tank
Public Works	PW WWD #29 - Point Dume Pump Station and Tank
Public Works	PW WWD #29 - Portshead Tank
Public Works	PW WWD #29 - Saddle Peak Tank
Public Works	PW WWD #29 - Santa Maria Tank
Public Works	PW WWD #29 - Serra Pump Station
Public Works	PW WWD #29 - Sumac Ridge Tank
Public Works	PW WWD #29 - Sweetwater Hydro Pump Station
Public Works	PW WWD #29 - Sweetwater Mesa Tank
Public Works	PW WWD #29 - Topanga Beach Pump Station
Public Works	PW WWD #29 - Topanga Beach Tank
Public Works	PW WWD #29 - Topanga Forks Tank
Public Works	PW WWD #29 - Topanga Oaks Tank
Public Works	PW WWD #29 - Topanga Park Pump Station
Public Works	PW WWD #29 - Trancas Tank
Public Works	PW WWD #29 - Upper Big Rock 730 Pump Station
Public Works	PW WWD #29 - Upper Encinal Tank

Table B-1. County Critical Facilities

Department / Agency	Facility Name
Public Works	PW WWD #29 - Winding Wy Tank
Public Works	PW WWD #29 LADWP Emergency Via Dolce Connection
Public Works	San Dimas Dam
Public Works	San Gabriel Dam
Public Works	San Gabriel Valley Airport
Public Works	Santa Anita Dam
Public Works	Thompson Creek Dam
Public Works	Whiteman Airport
Sheriff's Department	Altadena Sheriff's Station
Sheriff's Department	Avalon Sheriff's Station
Sheriff's Department	Carson Sheriff's Station
Sheriff's Department	Century Regional Detention Facility
Sheriff's Department	Century Sheriff's Station
Sheriff's Department	Cerritos Sheriff's Station
Sheriff's Department	Compton Sheriff's Station
Sheriff's Department	Crescenta Valley Sheriff's Station
Sheriff's Department	East Los Angeles Sheriff's Station
Sheriff's Department	Industry Sheriff's Station
Sheriff's Department	Inmate Reception Center
Sheriff's Department	Lakewood Sheriff's Station
Sheriff's Department	Lancaster Sheriff's Station
Sheriff's Department	Lomita Sheriff's Station
Sheriff's Department	Malibu/Lost Hills Sheriff's Station
Sheriff's Department	Marina Del Rey Sheriff's Station
Sheriff's Department	Men's Central Jail
Sheriff's Department	North County Correctional Facility
Sheriff's Department	Norwalk Sheriff's Station
Sheriff's Department	Palmdale Sheriff's Station
Sheriff's Department	Pico Rivera Sheriff's Station
Sheriff's Department	Pitchess Detention Center East Facility
Sheriff's Department	Pitchess Detention Center North Facility
Sheriff's Department	Pitchess Detention Center South Facility
Sheriff's Department	San Dimas Sheriff's Station
Sheriff's Department	Santa Clarita Valley Sheriff's Station
Sheriff's Department	South Los Angeles Sheriff's Station
Sheriff's Department	Temple Sheriff's Station
Sheriff's Department	Twin Towers Correctional Facility
Sheriff's Department	Walnut/Diamond Bar Sheriff's Station
Sheriff's Department	West Hollywood Sheriff's Station

APPENDIX C – RISK ASSESSMENT

Table C-1: County-wide Statistical Area Hazard Impacts

CSA	S.D.	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flood	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Avocado Heights	1				1				1				
Bandini Islands	1				1				1				
Bassett	1				1		1		1				
Charter Oak	1				1		1		1		1		
East Los Angeles	1				1				1				
El Monte	1				1								
North Whittier	1				1				1				
Padua Hills	1				1				1		1		
Pellissier Village	1				1				1				
San Jose Hills	1				1		1		1				
South El Monte	1				1								
South San Gabriel	1				1				1				
Valinda	1				1		1		1				
Walnut	1				1				1				
West Puente Valley	1				1		1						
Whittier Narrows	1				1		1		1				
Athens Village	2				1				1				
Athens-Westmont	2				1				1				
Del Rey	2	1	1		1			1	1				
Hawthorne	2				1								
Ladera Heights	2				1		1		1		1		
Rosewood	2				1								
Rosewood/East Gardena	2				1								
Rosewood/West Rancho Dominguez	2				1								

Table C-1: County-wide Statistical Area Hazard Impacts

CSA	S.D.	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flood	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
View Park/Windsor Hills	2				1				1		1		
West Rancho Dominguez	2				1								
Willowbrook	2				1		1		1				
Wiseburn	2				1								
Franklin Canyon	3				1		1		1		1		
Miracle Mile	3				1		1						
Santa Monica Mountains	3	1	1	1	1		1	1	1	1	1	1	1
Universal City	3				1				1		1		
West LA	3				1				1				
Westhills	3				1				1		1		1
Cerritos	4				1		1						
East La Mirada	4				1		1		1				
East Whittier	4				1								
Harbor Gateway	4				1								
La Habra Heights	4				1				1				
La Rambla	4				1				1				
Lakewood	4				1		1		1				
Long Beach	4				1		1						
Palos Verdes Peninsula	4				1				1		1		
San Clemente Island	4								1				
Santa Catalina Island	4								1	1	1	1	1
South Whittier	4				1		1		1				
Westfield/Academy Hills	4				1				1		1		
Acton	5				1	1			1		1		1

Table C-1: County-wide Statistical Area Hazard Impacts

CSA	S.D.	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flood	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Agua Dulce	5				1	1			1		1	1	1
Altadena	5				1		1		1		1	1	1
Anaverde	5			1	1	1			1			1	1
Bouquet Canyon	5				1	1	1		1		1		1
Bradbury	5				1				1		1		
Canyon Country	5				1				1		1	1	1
Castaic	5			1	1	1	1	1	1		1	1	1
Del Sur	5				1	1	1		1				
Desert View Highlands	5					1							
East Covina	5				1				1				
East Lancaster	5			1	1		1						
East Pasadena	5				1				1		1		1
Elizabeth Lake	5				1	1			1			1	1
Hi Vista	5				1				1				
La Crescenta-Montrose	5				1				1		1		1
Lake Hughes	5				1	1			1				1
Lake Los Angeles	5				1	1			1				
Lake Manor	5				1				1		1		1
Leona Valley	5				1	1	1		1		1	1	1
Littlerock	5			1		1	1		1			1	
Littlerock/Juniper Hills	5			1	1	1	1		1			1	1
Littlerock/Pearblossom	5			1	1	1	1		1			1	
Llano	5				1	1			1			1	1
Monrovia	5				1								
Newhall	5					1			1		1		1
North Lancaster	5				1		1		1				
Northeast San Gabriel	5				1				1				

Table C-1: County-wide Statistical Area Hazard Impacts

CSA	S.D.	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flood	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Palmdale	5			1	1	1	1						
Pearblossom/Llano	5				1	1	1		1			1	
Placerita Canyon	5				1	1			1		1		1
Quartz Hill	5				1	1	1		1				
Roosevelt	5				1		1						
San Francisquito Canyon/Bouquet Canyon	5				1	1			1		1		1
San Pasqual	5				1								
Sand Canyon	5				1	1			1		1		1
Saugus	5				1				1		1		1
Saugus/Canyon Country	5				1				1				1
South Antelope Valley	5			1	1	1			1			1	1
South Edwards	5				1		1	1	1				
Southeast Antelope Valley	5			1	1	1			1			1	1
Stevenson Ranch	5			1	1	1			1		1	1	1
Sun Village	5			1	1	1	1		1				
Twin Lakes/Oat Mountain	5				1	1			1		1		1
Val Verde	5			1	1	1			1		1	1	1
Valencia	5				1				1		1	1	1
West Antelope Valley	5				1	1	1	1	1		1	1	1
West Chatsworth	5				1				1		1		1
White Fence Farms	5					1	1						
Florence-Firestone	1 and 2				1								
Walnut Park	1 and 2				1								
Hacienda Heights	1 and 4				1		1		1		1	1	1

Table C-1: County-wide Statistical Area Hazard Impacts

CSA	S.D.	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flood	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Rowland Heights	1 and 4				1				1		1	1	1
Sunrise Village	1 and 4				1		1		1				
West Whittier/Los Nietos	1 and 4				1		1		1				
Whittier	1 and 4				1		1		1		1	1	1
Arcadia	1 and 5				1				1				
Azusa	1 and 5				1				1		1		1
Claremont	1 and 5				1				1		1		1
Covina	1 and 5				1		1		1		1	1	1
Covina (Charter Oak)	1 and 5				1				1				
Duarte	1 and 5				1				1				
Glendora	1 and 5				1		1		1		1		1
La Verne	1 and 5				1				1		1		1
Pomona	1 and 5				1				1		1	1	1
Lynwood	1, 2, and 4				1		1		1				
Angeles National Forest	1, 3, and 5			1	1	1	1	1	1		1	1	1
Del Aire	2 and 4				1				1				
East Rancho Dominguez	2 and 4				1		1		1				
El Camino Village	2 and 4				1				1				
Lennox	2 and 4				1				1				
Rancho Dominguez	2 and 4				1		1		1				
West Carson	2 and 4				1		1		1				
Marina del Rey	2, 3, and 4	1	1		1		1	1	1	1			
Kagel/Lopez Canyons	3 and 5				1	1	1		1		1		1

Table C-2: Animal Care & Control Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Agoura Animal Care Center				1						1		
Baldwin Park Animal Care Center				1								
Carson Animal Care Center				1								
Castaic Animal Care Center (Castaic)			1	1								1
Downey Animal Care Center				1		1						
Lancaster County Animal Care Center				1								
Palmdale Animal Care Center					1	1						

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Bob Hope Airport Fire Department				1								
City of Alhambra Fire Department - Training Facility				1								
City of Alhambra Fire Department Station 71 - Headquarters				1								
City of Alhambra Fire Department Station 72 - Southeast District				1								
City of Alhambra Fire Department Station 73 - Northwest				1								
City of Alhambra Fire Department Station 74 - Southwest				1								
City of Arcadia Fire Department Station 105				1								
City of Arcadia Fire Department Station 106 - Headquarters				1								
City of Arcadia Fire Department Station 107				1								
City of Avalon Fire Department										1		
City of Beverly Hills Fire Department Station 1 - Headquarters				1								
City of Beverly Hills Fire Department Station 2				1						1		
City of Beverly Hills Fire Department Station 3				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
City of Burbank Fire Department Station 11 - Headquarters				1								
City of Burbank Fire Department Station 12				1								
City of Burbank Fire Department Station 13				1								
City of Burbank Fire Department Station 14				1								
City of Burbank Fire Department Station 15				1								
City of Burbank Fire Department Station 16				1						1		
City of Compton Fire Department Station 1 - Headquarters				1		1						
City of Compton Fire Department Station 2				1		1						
City of Compton Fire Department Station 3				1								
City of Compton Fire Department Station 4				1								
City of Downey Fire Department Station 1 - Headquarters				1		1						
City of Downey Fire Department Station 2				1		1						
City of Downey Fire Department Station 3				1		1						
City of Downey Fire Department Station 4				1		1						

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
City of Glendale Fire Department Station 21				1								
City of Glendale Fire Department Station 22				1								
City of Glendale Fire Department Station 23				1						1		
City of Glendale Fire Department Station 24				1						1		
City of Glendale Fire Department Station 25				1								
City of Glendale Fire Department Station 26				1								
City of Glendale Fire Department Station 27				1								
City of Glendale Fire Department Station 28				1								
City of Long Beach Fire Department - Beach Operations				1					1			
City of Long Beach Fire Department - Headquarters				1								
City of Long Beach Fire Department Station 1				1								
City of Long Beach Fire Department Station 10				1								
City of Long Beach Fire Department Station 11				1		1						
City of Long Beach Fire Department Station 12				1		1						

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
City of Long Beach Fire Department Station 13				1		1						
City of Long Beach Fire Department Station 14		1		1					1			
City of Long Beach Fire Department Station 15				1					1			
City of Long Beach Fire Department Station 16				1								
City of Long Beach Fire Department Station 17				1								
City of Long Beach Fire Department Station 18				1		1						
City of Long Beach Fire Department Station 19				1		1						
City of Long Beach Fire Department Station 2				1								
City of Long Beach Fire Department Station 20		1		1					1			
City of Long Beach Fire Department Station 21		1		1		1			1			
City of Long Beach Fire Department Station 22				1		1						
City of Long Beach Fire Department Station 24				1					1			
City of Long Beach Fire Department Station 3				1								
City of Long Beach Fire Department Station 4				1								
City of Long Beach Fire Department Station 5				1		1						

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
City of Long Beach Fire Department Station 6				1					1			
City of Long Beach Fire Department Station 7				1		1						
City of Long Beach Fire Department Station 8	1	1		1					1			
City of Long Beach Fire Department Station 9				1								
City of Los Angeles Fire Department Station 1				1								
City of Los Angeles Fire Department Station 10				1								
City of Los Angeles Fire Department Station 108				1						1		
City of Los Angeles Fire Department Station 109				1						1		
City of Los Angeles Fire Department Station 11				1								
City of Los Angeles Fire Department Station 12				1								
City of Los Angeles Fire Department Station 13				1								
City of Los Angeles Fire Department Station 14				1								
City of Los Angeles Fire Department Station 15				1								
City of Los Angeles Fire Department Station 16				1								
City of Los Angeles Fire Department Station 17				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
City of Los Angeles Fire Department Station 19				1						1		
City of Los Angeles Fire Department Station 2				1								
City of Los Angeles Fire Department Station 20				1								
City of Los Angeles Fire Department Station 21				1								
City of Los Angeles Fire Department Station 25				1								
City of Los Angeles Fire Department Station 26				1								
City of Los Angeles Fire Department Station 27				1								
City of Los Angeles Fire Department Station 29				1		1						
City of Los Angeles Fire Department Station 3				1								
City of Los Angeles Fire Department Station 33				1								
City of Los Angeles Fire Department Station 34				1								
City of Los Angeles Fire Department Station 35				1								
City of Los Angeles Fire Department Station 37				1								
City of Los Angeles Fire Department Station 4				1								
City of Los Angeles Fire Department Station 41				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
City of Los Angeles Fire Department Station 42				1								
City of Los Angeles Fire Department Station 43				1								
City of Los Angeles Fire Department Station 44				1								
City of Los Angeles Fire Department Station 46				1								
City of Los Angeles Fire Department Station 47				1						1		
City of Los Angeles Fire Department Station 5				1								
City of Los Angeles Fire Department Station 50				1								
City of Los Angeles Fire Department Station 51				1								
City of Los Angeles Fire Department Station 52				1								
City of Los Angeles Fire Department Station 56				1						1		
City of Los Angeles Fire Department Station 57				1								
City of Los Angeles Fire Department Station 58				1								
City of Los Angeles Fire Department Station 59				1								
City of Los Angeles Fire Department Station 6				1								
City of Los Angeles Fire Department Station 61				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
City of Los Angeles Fire Department Station 62				1								
City of Los Angeles Fire Department Station 64				1								
City of Los Angeles Fire Department Station 65				1								
City of Los Angeles Fire Department Station 66				1								
City of Los Angeles Fire Department Station 67				1								
City of Los Angeles Fire Department Station 68				1								
City of Los Angeles Fire Department Station 7					1							
City of Los Angeles Fire Department Station 71				1								
City of Los Angeles Fire Department Station 76				1						1		
City of Los Angeles Fire Department Station 80				1								
City of Los Angeles Fire Department Station 82				1								
City of Los Angeles Fire Department Station 9				1								
City of Los Angeles Fire Department Station 92				1								
City of Los Angeles Fire Department Station 94				1								
City of Los Angeles Fire Department Station 95				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
City of Los Angeles Fire Department Station 97				1						1		
City of Los Angeles Fire Department Station 99				1						1		
City of Monterey Park Fire Department Station 61 - Headquarters				1								
City of Monterey Park Fire Department Station 62				1								
City of Monterey Park Fire Department Station 63				1								
City of Santa Fe Springs Fire Department Station 1 - Headquarters				1								
City of Santa Fe Springs Fire Department Station 2				1								
City of Santa Fe Springs Fire Department Station 3				1								
City of Santa Fe Springs Fire Department Station 4				1		1						
City of Santa Monica Fire Department - Training Facility				1								
City of Santa Monica Fire Department Station 1 - Headquarters				1								
City of Santa Monica Fire Department Station 2				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
City of Santa Monica Fire Department Station 3				1								
City of Santa Monica Fire Department Station 5				1								
City of Vernon Fire Department Station 2				1								
City of Vernon Fire Department Station 3				1								
City of Vernon Fire Department Station 4				1								
City of West Covina Fire Department Station 1				1		1						
City of West Covina Fire Department Station 2				1		1						
City of West Covina Fire Department Station 3				1		1						
City of West Covina Fire Department Station 4				1		1				1		
City of West Covina Fire Department Station 5				1								
Culver City Fire Department Station 1 - Headquarters				1								
Culver City Fire Department Station 2				1								
Culver City Fire Department Station 3				1								
La Verne Fire Department Station 1 - Headquarters				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
La Verne Fire Department Station 2				1								
Los Angeles County Fire Department - Hq/Heliport/Training Facility				1								
Los Angeles County Fire Department Station 1				1								
Los Angeles County Fire Department Station 10				1		1						
Los Angeles County Fire Department Station 101				1								
Los Angeles County Fire Department Station 102				1								
Los Angeles County Fire Department Station 103				1		1						
Los Angeles County Fire Department Station 104				1						1		
Los Angeles County Fire Department Station 105				1		1						
Los Angeles County Fire Department Station 106				1				1		1		
Los Angeles County Fire Department Station 107					1							
Los Angeles County Fire Department Station 11				1								
Los Angeles County Fire Department Station 110				1					1			
Los Angeles County Fire Department Station 111				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles County Fire Department Station 112				1		1						
Los Angeles County Fire Department Station 114												
Los Angeles County Fire Department Station 115				1		1						
Los Angeles County Fire Department Station 116				1								
Los Angeles County Fire Department Station 117				1		1						
Los Angeles County Fire Department Station 118				1								
Los Angeles County Fire Department Station 119				1				1				
Los Angeles County Fire Department Station 12				1								
Los Angeles County Fire Department Station 120				1								
Los Angeles County Fire Department Station 121				1				1				
Los Angeles County Fire Department Station 122				1								
Los Angeles County Fire Department Station 123					1					1		
Los Angeles County Fire Department Station 124				1				1				
Los Angeles County Fire Department Station 125				1						1		
Los Angeles County Fire Department Station 126					1							

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles County Fire Department Station 127				1		1						
Los Angeles County Fire Department Station 129					1							
Los Angeles County Fire Department Station 130				1		1						
Los Angeles County Fire Department Station 131					1							
Los Angeles County Fire Department Station 132				1				1		1		
Los Angeles County Fire Department Station 134					1							
Los Angeles County Fire Department Station 135				1		1						
Los Angeles County Fire Department Station 14				1								
Los Angeles County Fire Department Station 140					1							1
Los Angeles County Fire Department Station 141				1				1				
Los Angeles County Fire Department Station 144			1	1						1		
Los Angeles County Fire Department Station 145				1								
Los Angeles County Fire Department Station 146				1								
Los Angeles County Fire Department Station 147				1								
Los Angeles County Fire Department Station 148				1		1						

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles County Fire Department Station 149			1	1						1		
Los Angeles County Fire Department Station 15				1								
Los Angeles County Fire Department Station 151				1								
Los Angeles County Fire Department Station 152				1								
Los Angeles County Fire Department Station 153				1								
Los Angeles County Fire Department Station 154				1								
Los Angeles County Fire Department Station 155												1
Los Angeles County Fire Department Station 156				1				1				1
Los Angeles County Fire Department Station 157					1	1						1
Los Angeles County Fire Department Station 158				1								
Los Angeles County Fire Department Station 159				1								
Los Angeles County Fire Department Station 16				1								
Los Angeles County Fire Department Station 160				1								
Los Angeles County Fire Department Station 161				1								
Los Angeles County Fire Department Station 162				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles County Fire Department Station 163				1								
Los Angeles County Fire Department Station 164				1								
Los Angeles County Fire Department Station 165				1								
Los Angeles County Fire Department Station 166				1								
Los Angeles County Fire Department Station 167				1								
Los Angeles County Fire Department Station 168				1								
Los Angeles County Fire Department Station 169				1								
Los Angeles County Fire Department Station 17				1								
Los Angeles County Fire Department Station 170				1								
Los Angeles County Fire Department Station 171				1								
Los Angeles County Fire Department Station 172				1								
Los Angeles County Fire Department Station 173				1								
Los Angeles County Fire Department Station 18				1								
Los Angeles County Fire Department Station 181				1								
Los Angeles County Fire Department Station 182				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles County Fire Department Station 183				1								
Los Angeles County Fire Department Station 184				1								
Los Angeles County Fire Department Station 185				1								
Los Angeles County Fire Department Station 186				1								
Los Angeles County Fire Department Station 187				1								
Los Angeles County Fire Department Station 188				1								
Los Angeles County Fire Department Station 19				1						1		
Los Angeles County Fire Department Station 2				1						1		
Los Angeles County Fire Department Station 20				1								
Los Angeles County Fire Department Station 21				1								
Los Angeles County Fire Department Station 22				1								
Los Angeles County Fire Department Station 23				1		1						
Los Angeles County Fire Department Station 24					1							
Los Angeles County Fire Department Station 25				1		1						
Los Angeles County Fire Department Station 26				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles County Fire Department Station 27				1								
Los Angeles County Fire Department Station 28				1								
Los Angeles County Fire Department Station 29				1								
Los Angeles County Fire Department Station 3				1								
Los Angeles County Fire Department Station 30				1		1						
Los Angeles County Fire Department Station 31				1		1						
Los Angeles County Fire Department Station 32				1								
Los Angeles County Fire Department Station 33				1		1						
Los Angeles County Fire Department Station 34				1		1						
Los Angeles County Fire Department Station 35				1								
Los Angeles County Fire Department Station 36				1								
Los Angeles County Fire Department Station 37					1	1						
Los Angeles County Fire Department Station 38				1								
Los Angeles County Fire Department Station 39				1								
Los Angeles County Fire Department Station 4				1								

Table C-3: Fire Department Facility Hazard Impacts

[illegible]

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles County Fire Department Station 56				1						1		
Los Angeles County Fire Department Station 57				1		1						
Los Angeles County Fire Department Station 58				1								
Los Angeles County Fire Department Station 59				1								
Los Angeles County Fire Department Station 6				1								
Los Angeles County Fire Department Station 60				1								
Los Angeles County Fire Department Station 61				1								
Los Angeles County Fire Department Station 62				1						1		
Los Angeles County Fire Department Station 63				1								
Los Angeles County Fire Department Station 64				1								
Los Angeles County Fire Department Station 65				1								1
Los Angeles County Fire Department Station 66				1								
Los Angeles County Fire Department Station 67				1								1
Los Angeles County Fire Department Station 68				1						1		
Los Angeles County Fire Department Station 69				1								1

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles County Fire Department Station 7				1								
Los Angeles County Fire Department Station 70				1						1		
Los Angeles County Fire Department Station 71				1						1		
Los Angeles County Fire Department Station 72				1								1
Los Angeles County Fire Department Station 73					1							
Los Angeles County Fire Department Station 74					1							1
Los Angeles County Fire Department Station 75				1						1		
Los Angeles County Fire Department Station 76			1	1							1	
Los Angeles County Fire Department Station 77					1							1
Los Angeles County Fire Department Station 78					1							1
Los Angeles County Fire Department Station 79					1							
Los Angeles County Fire Department Station 8				1								
Los Angeles County Fire Department Station 80					1							1
Los Angeles County Fire Department Station 81				1								1
Los Angeles County Fire Department Station 82				1						1		

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles County Fire Department Station 83				1						1		
Los Angeles County Fire Department Station 84					1	1						
Los Angeles County Fire Department Station 85				1								
Los Angeles County Fire Department Station 86				1								
Los Angeles County Fire Department Station 87				1								
Los Angeles County Fire Department Station 88				1					1	1		
Los Angeles County Fire Department Station 89				1								
Los Angeles County Fire Department Station 90				1								
Los Angeles County Fire Department Station 91				1								1
Los Angeles County Fire Department Station 92					1							
Los Angeles County Fire Department Station 94				1		1						
Los Angeles County Fire Department Station 95				1								
Los Angeles County Fire Department Station 96				1								
Los Angeles County Fire Department Station 97				1						1		
Los Angeles County Fire Department Station 98				1		1						

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles County Fire Department Station 99				1						1		
Manhattan Beach Fire Department Station 1 - Headquarters				1								
Manhattan Beach Fire Department Station 2				1								
Montebello Fire Department Station 1 - Headquarters				1								
Montebello Fire Department Station 2				1								
Montebello Fire Department Station 3				1								
Pasadena Fire Department Station 31				1								
Pasadena Fire Department Station 32				1								
Pasadena Fire Department Station 33				1								
Pasadena Fire Department Station 34				1								
Pasadena Fire Department Station 36				1								
Pasadena Fire Department Station 37				1								
Pasadena Fire Department Station 38				1						1		
Pasadena Fire Department Station 39				1						1		

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Redondo Beach Fire Department Station 1 - Headquarters				1								
Redondo Beach Fire Department Station 2				1								
Redondo Beach Fire Department Station 3		1		1					1			
San Gabriel Fire Department Station 1 - Headquarters				1								
San Gabriel Fire Department Station 2				1								
San Marino Fire Department				1								
Sierra Madre Volunteer Fire Department				1								
South Pasadena Fire Department				1								
The City of El Segundo Fire Department Station 1 - Headquarters				1								
The City of El Segundo Fire Department Station 2				1								
Torrance Fire Department Fire Station 1 - Headquarters				1								
Torrance Fire Department Fire Station 2				1								
Torrance Fire Department Fire Station 3				1								

Table C-3: Fire Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Torrance Fire Department Fire Station 4				1								
Torrance Fire Department Fire Station 5				1								
Torrance Fire Department Fire Station 6				1								
Vernon Fire Department				1								

Table C-4: Health Services Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Antelope Valley Health Center				1								
Bellflower Health Center				1		1						
Central Public Health Center				1								
Curtis R. Tucker Health Center				1								
Dollarhide Health Center				1		1						
East Los Angeles Health Center				1								
East San Gabriel Valley Health Center				1								
Edward R. Roybal Comprehensive Health Center				1								
El Monte Comprehensive Health Center				1								
Glendale Health Center				1								
H. Claude Hudson Comprehensive Health Center				1								
Harbor-UCLA Medical Center				1								
High Desert Regional Health Center				1								
Hubert H. Humphrey Comprehensive Health Center				1								
La Puente Health Center				1								
LAC + USC Medical Center				1								

Table C-4: Health Services Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Lake Los Angeles Community Clinic				1								
Littlerock Community Clinic					1	1						
Long Beach Comprehensive Health Center				1								
Martin Luther King, Jr. Outpatient Center				1								
Mid Valley Comprehensive Health Center			1	1								
Olive View-UCLA Medical Center					1					1		
Rancho Los Amigos National Rehabilitation Center				1		1						
San Fernando Health Center					1							
South Valley Health Center			1		1	1						
Torrance Health Center				1								
Vaughn School Based Health Center					1							
West Valley Health Center				1								
Wilmington Health Center				1								

Table C-5: Library Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
A C Bilbrew Library				1								
Acton Agua Dulce Library					1							1
Agoura Hills Library				1						1		
Alondra Library				1		1						
Angelo M. Iacoboni Library				1		1						
Anthony Quinn Library				1								
Artesia Library				1		1						
Avalon Library										1		
Baldwin Park Library				1								
Bell Gardens Library				1								
Bell Library				1								
Carson Library				1								
Castaic Library				1						1		
Charter Oak Library				1								
Chet Holifield Library				1								
City Terrace Library				1								
Claremont Helen Renwick Library				1								
Clifton M. Brakensiek Library				1		1						
Compton Library				1		1						
Cudahy Library				1		1						

Table C-5: Library Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Culver City Julian Dixon Library				1								
Diamond Bar Library				1								
Dr. Martin Luther King, Jr. Library				1								
Duarte Library				1								
East Los Angeles Library				1								
East Rancho Dominguez Library				1		1						
El Camino Real Library				1								
El Monte Library				1								
Florence Express Library				1								
Gardena Mayme Dear Library				1								
George Nye Jr. Library				1		1						
Graham Library				1								
Hacienda Heights Library				1								
Hawaiian Gardens Library				1		1						
Hawthorne Library				1								
Hermosa Beach Library				1								
Hollydale Library				1		1						
Huntington Park Library				1								

Table C-5: Library Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
La Canada Flintridge Library				1						1		
La Crescenta Library				1								
La Mirada Library				1								
La Puente Library				1								
La Verne Library				1								
Lake Los Angeles Library				1								
Lancaster Library				1		1						
Lawndale Library				1								
Leland R. Weaver Library				1								
Lennox Library				1								
Littlerock Library					1						1	
Live Oak Library				1								
Lloyd Taber- Marina del Rey Library				1					1			
Lomita Library				1								
Los Nietos Library				1								
Lynwood Library				1								
Malibu Library			1	1						1		
Manhattan Beach Library				1								
Masao W. Satow Library				1								
Maywood Cesar Chavez Library				1								
Montebello Library				1								

Table C-5: Library Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Norwalk Library				1								
Norwood Library				1								
Paramount Library				1		1						
Pico Rivera Library				1		1						
Quartz Hill Library					1							
Rivera Library				1		1						
Rosemead Library				1								
Rowland Heights Library				1								
San Dimas Library				1								
San Fernando Library					1							
San Gabriel Library				1								
Sorensen Library				1								
South El Monte Library				1								
South Whittier Library				1								
Stevenson Ranch Library					1					1		
Sunkist Library				1								
Temple City Library				1								
Topanga Library				1								1
View Park Bebe Moore Campbell Library				1								
Walnut Library				1								
West Covina Library				1		1						

Table C-5: Library Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
West Hollywood Library				1								
Westlake Village Library				1						1		
Willowbrook Library				1								
Wiseburn Library				1								
Woodcrest Library				1								

Table C-6: LACMA+MNH Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
La Brea Tarpits				1								
Los Angeles County Museum of Art				1								
Natural History Museum				1								
William S. Hart Museum					1					1		

Table C-7: Office of Education Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Afflerbaugh-Paige Camp				1								1
Alma Fuerte Public				1								
Animo City of Champions Charter High				1								
Aspire Antonio Maria Lugo Academy				1								
Aspire Ollin University Preparatory Academy				1								
Central Juvenile Hall				1								
Da Vinci RISE High				1								
Environmental Charter Middle				1								
Environmental Charter Middle - Inglewood				1								
Intellectual Virtues Academy				1								
International Polytechnic High				1								
Jardin de la Infancia				1								
Kirby, Dorothy Camp				1								
L.A. County High School for the Arts				1								
LA's Promise Charter High #1				1								
LA's Promise Charter Middle #1				1		1						
Lashon Academy			1	1								
Los Angeles County Special Education				1		1						

Table C-7: Office of Education Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Los Angeles International Charter High				1						1		
Los Padrinos Juvenile Hall				1		1						
Magnolia Science Academy			1	1								
Magnolia Science Academy 2				1								
Magnolia Science Academy 3				1		1						
Magnolia Science Academy 5				1								
McNair Camp					1							
Nidorf, Barry J.					1							
North Valley Military Institute College Preparatory Academy					1							
Odyssey Charter				1								
Onizuka Camp					1							
Optimist Charter				1						1		
Phoenix Academy Residential Education Center					1							
Renaissance County Community				1								
Road to Success Academy at Campus Kilpatrick				1								1
Rockey, Glenn Camp				1				1		1		
Scott, Joseph Camp				1								1
Soleil Academy Charter				1		1						
Valiente College				1								

Table C-7: Office of Education Hazard Impacts[illegible]

Table C-7: Other (Office) Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
1000 S. Fremont Ave.				1								
1055 Wilshire Blvd.				1								
1100 North Eastern Ave.				1								
1104 N. Mission Rd.				1								
12300 Lower Azusa Rd.				1								
12400 Imperial Highway				1								
12860 Crossroads Parkway South				1								
1320 North Eastern Ave.				1								
13837 Fiji Way				1					1			
1816 S. Figueroa				1								
210 W. Temple St.				1								
211 W. Temple St.				1								
313 N Figueroa St.				1								
3175 West Sixth St.				1								
320 West Temple St.				1								
425 Shatto Place				1								
550 South Vermont Ave.				1								
5770 S. Eastern Ave.				1								

Table C-7: Other (Office) Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
5898 Cherry Ave.				1		1						
5905 Wilshire Blvd.				1								
700 W. Main St.				1								
7400 East Imperial Highway				1		1						
900 South Fremont Ave.				1								
Kenneth Hahn Hall of Administration				1								

Table C-8: Parks & Recreation Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Acton Park				1								1
Adventure Park				1								
Adventure Park				1								
Allen J. Martin Park				1								
Alondra Community Regional Park				1								
Alondra Community Regional Park				1								
Amelia Mayberry Park				1								
Amelia Mayberry Park				1								
Amigo Park				1		1						
Arcadia Community Regional Park				1								
Arcadia Community Regional Park				1								
Athens Park				1								
Athens Park				1								
Bassett Park				1								
Bassett Park				1								
Bassett Park				1								
Belvedere Community Regional Park				1								
Belvedere Community Regional Park				1								
Bodger Park				1								
Carolyn Rosas Park				1								
Castaic Regional Sports Complex			1	1								1
Castaic Regional Sports Complex			1	1								1

Table C-8: Parks & Recreation Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Charles S. Farnsworth Park				1						1		
Charles S. Farnsworth Park				1								
Charles S. Farnsworth Park				1								
Charles S. Farnsworth Park				1								
Charter Oak Park				1								
City Terrace Park				1								
City Terrace Park				1								
Col. Leon H. Washington Park				1								
Col. Leon H. Washington Park				1								
Crescenta Valley Community Regional Park				1						1		
Crescenta Valley Community Regional Park				1						1		
Dalton Park				1								
Del Aire Park				1								
Del Aire Park				1								
Devil's Punchbowl Natural Area and Nature Center					1						1	
Dexter Park					1			1				1
Dexter Park					1			1				1
Don Knabe Community Regional Park				1								

Table C-8: Parks & Recreation Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Don Knabe Community Regional Park				1								
Don Knabe Community Regional Park				1								
East Rancho Dominguez Park				1		1						
East Rancho Dominguez Park				1		1						
East Rancho Dominguez Park				1		1						
El Cariso Community Regional Park					1							
El Cariso Community Regional Park					1							
El Cariso Community Regional Park					1							
Enterprise Park				1								
Eugene A. Obregon Park				1								
Eugene A. Obregon Park				1								
Franklin D. Roosevelt Park				1								
Franklin D. Roosevelt Park				1								
George Lane Park					1	1						
George Lane Park					1	1						
George Washington Carver Park				1								

Table C-8: Parks & Recreation Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Hacienda Heights Community and Rec Center				1								
Hacienda Heights Community and Rec Center				1								
Hacienda Heights Community and Rec Center				1								
Helen Keller Park				1								
Hollywood Bowl				1						1		
Jackie Robinson Park					1	1						
Jackie Robinson Park					1	1						
Jesse Owens Community Regional Park				1								
Jesse Owens Community Regional Park				1								
John Anson Ford Amphitheatre				1						1		
John Anson Ford Amphitheatre				1						1		
Kenneth Hahn State Recreation Area				1						1		
Ladera Park				1								
Ladera Park				1								
Ladera Park				1								
Lennox Park				1								
Lennox Park				1								
Lennox Park				1								

Table C-8: Parks & Recreation Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Loma Alta Park				1								1
Loma Alta Park				1								1
Los Angeles County Arboretum and Botanic Garden				1								
Manzanita Park				1								
Mary M. Bethune Park				1								
Mary M. Bethune Park				1								
Mona Park				1								
Mona Park				1								
Pamela County Park				1								
Pamela County Park				1								
Pathfinder Community Regional Park				1						1		1
Pearblossom County Park					1							
Peter F Schabarum Regional County Park				1						1		
Rimgrove Park				1								
Rowland Heights Park				1								
Roy Campanella Park				1								
Ruben F Salazar Park				1								
Ruben F Salazar Park				1								
Ruben F Salazar Park				1								
San Angelo Park				1								
San Fernando Recreation Park and Aquatic Center					1							
Saybrook Park				1								
Sorensen Park				1								

Table C-8: Parks & Recreation Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
South Coast Botanic Garden				1						1		
Stephen Sorensen Park				1								
Sunshine Park				1								
Ted Watkins Memorial Park				1								
Ted Watkins Memorial Park				1								
Tesoro Adobe Historic Park				1						1		1
Val Verde Community Regional Park				1								1
Val Verde Community Regional Park				1								1
Valleydale Park				1								
Valleydale Park				1								
Vasquez Rocks Natural Area and Nature Center				1								1
Veterans Memorial Community Regional Park					1					1		
Victoria Community Regional Park				1								
Victoria Community Regional Park				1								
Walnut Nature Park				1								
Whittier Narrows Recreation Area				1								
William S. Hart Regional Park					1					1		
William Steinmetz Park				1								

Table C-8: Parks & Recreation Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
William Steinmetz Park				1								
William Steinmetz Park				1								

Table C-9: Public Health Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Antelope Valley Health Center				1								
Central Public Health Center				1								
Curtis R. Tucker Health Center				1								
Glendale Health Center				1								
Hollywood/Wilshire Public Health Center				1								
Martin Luther King, Jr. Center for Public Health				1								
Monrovia Public Health Center				1								
North Hollywood Public Health Center				1								
Pacoima Public Health Center					1							
Pomona Public Health Center				1								
Ruth-Temple Public Health Center				1								
Simms/Mann Health and Wellness Center				1								
Torrance Public Health Center				1								
Whittier Public Health Center				1								

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Brackett Field Airport				1								
Compton/Woodley Airport				1								
San Gabriel Valley Airport				1								
General Wm. J. Fox Airfield				1								
Whiteman Airport					1							
Big Dalton Dam								1		1		
Big Tujunga Dam				1				1				
Cogswell Dam				1				1				
Devil's Gate Dam				1						1		
Eaton Wash Dam				1								
Live Oak Dam				1								1
Morris Dam				1				1				1
Pacoima Dam								1				1
Puddingstone Dam				1								
Puddingstone Diversion Dam				1								
San Dimas Dam				1								1
San Gabriel Dam				1								
Santa Anita Dam				1				1				
Thompson Creek Dam				1						1		
PW ITD – Mount Wilson Radio Antenna Tower				1								
PW ITD – Mount Wilson Radio Facility Bldg.				1								
PW WWD - 37-1 Well				1								1
PW WWD - 37-3 Well				1								1

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW WWD - 37-4 Well				1								1
PW Headquarters Building				1								
PW RMD – Div. #116 Maintenance Yard				1								
PW RMD – Div. #142 Maintenance Yard				1								
PW RMD – Div. #417 Maintenance Yard				1								
PW RMD – Baldwin Park Maintenance Yard				1								
PW RMD - Lower Central Yard – Division Administration				1								
PW RMD - Upper Central Yard				1								
PW RMD – Van Pelt Bridge Maintenance Yard				1								
PW SWMD – Imperial Yard				1		1						
PW SWMD – Longden Yard				1								
PW SWMD – Rio Hondo Yard				1								
PW SWMD – Riverview Maintenance Yard				1		1						
PW RMD – Div. #141/241 Maintenance Yard				1								

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW RMD – Div. #232 Maintenance Yard				1								
PW RMD – Maint. District 3 Yard				1								
PW SWMD – 83rd St. Maintenance Yard				1								
PW RMD – Div. #336 Maint. Yd.				1						1		
PW RMD – Div. #339/539 Agoura Maintenance Yard				1								1
PW SWMD – Saticoy Yard				1			1					
PW WWD #29 - 20858 Regulating Station				1		1				1		
PW WWD #29 - Big Rock 900 Pump Station				1				1				1
PW WWD #29 - Big Rock 1010 Tank				1				1				1
PW WWD #29 - Big Rock 1200 Tank				1				1				1
PW WWD #29 - Broad Beach Regulating Station				1				1		1		
PW WWD #29 - Carbon Mesa Tank				1						1		
PW WWD #29 - Entrada Pump Station				1				1				1
PW WWD #29 - Entrada Tank				1				1				1

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW WWD #29 - Fernwood Tank				1				1				1
PW WWD #29 - Guernsey Regulating Station				1						1		
PW WWD #29 - Heather Cliff Regulating Station				1						1		
PW WWD #29 - Horizon Tank				1						1		
PW WWD #29 - Hume Tank				1								1
PW WWD #29 - La Chusa Feeder Regulating Station				1						1		
PW WWD #29 - La Costa				1						1		
PW WWD #29 - La Costa Regulating Station				1				1		1		
PW WWD #29 - Las Flores Pump Station				1						1		
PW WWD #29 - Las Flores Tank				1						1		
PW WWD #29 - Latigo Tank				1				1				1
PW WWD #29 - Lower Big Rock 195 Pump Station				1				1		1		
PW WWD #29 - LVMWD, Hume Connection				1				1				1

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW WWD #29 - LVMWD, Latigo Connection				1				1				1
PW WWD #29 - LVMWD , Saddle Peak Interconnection				1								1
PW WWD #29 - Lower Busch Pump Station				1						1		
PW WWD #29 - Malibu Beach Pump Station				1						1		
PW WWD #29 - Malibu Knolls Tank				1						1		
PW WWD #29 - New Summit Tank				1								1
PW WWD #29 - Nicholas Beach Tank				1				1		1		
PW WWD #29 - Old Summit Tank				1						1		
PW WWD #29 - Owen Pump Station				1								1
PW WWD #29 - Pepperdine 545 Pump Station				1						1		
PW WWD #29 - Pepperdine 812 Tank				1								1
PW WWD #29 - Pepperdine 907 Tank				1				1				1
PW WWD #29 - Philip Tank				1						1		

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW WWD #29 - Point Dume Pump Station and Tank				1						1		
PW WWD #29 - Portshead Tank				1								
PW WWD #29 - Saddle Peak Tank				1				1				1
PW WWD #29 - Santa Maria Tank				1						1		
PW WWD #29 - Serra Pump Station				1						1		
PW WWD #29 - Sumac Ridge Tank				1						1		
PW WWD #29 - Sweetwater Hydro Pump Station				1						1		
PW WWD #29 - Sweetwater Mesa Tank				1				1		1		
PW WWD #29 - Topanga Beach Pump Station				1				1				1
PW WWD #29 - Topanga Beach Tank				1						1		
PW WWD #29 - Topanga Forks Tank				1				1				1
PW WWD #29 - Topanga Oaks Tank				1				1				1
PW WWD #29 - Topanga Park Pump Station				1								1

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW WWD #29 - Trancas Tank				1						1		
PW WWD #29 - Upper Big Rock 730 Pump Station				1				1		1		
PW WWD #29 - Upper Encinal Tank				1				1		1		
PW WWD #29 - Winding Wy Tank				1				1				1
PW RMD - Div 446 Maintenance Yard				1		1						
PW RMD – Div. #446 Sub Maintenance Yard				1								
PW RMD – Maintenance District No.4 Yard				1		1						
PW SWMD – Alamitos Maintenance Yard				1		1						
PW SWMD – El Segundo Yard				1								
PW SWMD – Redondo Yard Office				1								
PW WWD #29 LADWP Emergency Via Dolce Connection				1		1			1			
PW WWD #29 – LADWP Emergency Mindanao Connection				1								
PW OSD - Eaton Yard – Maintenance Office				1				1				

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW RMD – 518-B Maintenance Yard				1						1		
PW RMD – Div. #523 Maintenance Yard				1						1		
PW RMD – Div. #524 Maintenance Yard				1						1		
PW RMD – Div. #518 Maintenance Yard				1								
PW RMD – Div. #519 Maintenance Yard				1								
PW RMD – Div. #526 Maint. Yd.			1	1		1				1		
PW RMD – Div. #551 Maintenance Yard					1	1						
PW RMD – Div. #555 Maintenance Yard				1								
PW RMD – Div. #558 Maint. Yard					1							
PW RMD – Div. #558a Jackson Lake Maintenance Yd.					1							
PW RMD – Div. #559b Maintenance Yard				1								
PW RMD – Palmdale Maintenance Dist. No. 5 Bldg. Yard					1	1						
PW SWMD – Eaton Maintenance Yard				1								
PW SWMD – Pickens Yard				1						1		

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW SWMD – Rubio Yard				1						1		
PW SWMD – Santa Clara Flood Maintenance Yard				1						1		
PW WWD #04 – North Administration Building				1		1						
PW SWMD – San Dimas Maintenance Yard				1								
PW SMD - Balfour				1		1						
PW SMD - Bradhurst				1		1						
PW SMD - Broadway				1								
PW SMD - Muscatel				1								
PW SMD - Painter				1								
PW SMD - Surrey Drive				1				1		1		
PW SMD - 132ND STREET				1								
PW SMD - Centinela				1								
PW SMD - Davids Road				1						1		
PW SMD - Ulmus				1				1		1		
PW SMD - Viewridge				1				1		1		
PW SMD - 213TH STREET				1								
PW SMD - AGAVE				1								
PW SMD - HEATHERFIELD				1				1		1		
PW SMD - MAYBROOK				1								

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW WWD - 116th street pump station					1							
PW WWD - P-10 Pump station					1							
PW WWD - Tierra Subida Pump Station				1								
PW SMD - CAPALLERO				1								1
PW SMD - COMMERCE CENTER DRIVE				1				1				
PW SMD - LAKE HUGHES - NEWVALE					1							1
PW SMD - LAKE HUGHES - TRAIL K					1							1
PW SMD - LOWRIDGE				1						1		
PW SMD - MARINA DEL REY				1					1			
PW SMD - TYLER				1								
PW WWD - Crown Valley Pump station				1								1
PW WWD - Hasley Pump Station				1								1
PW SWMD - 120th St. Pump Station				1								
PW SWMD - Alameda Street 3B Pump Station				1		1						
PW SWMD - Alameda Street 3C Pump Station				1		1						

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW SWMD - Avalon Pump Station				1		1						
PW SWMD - Compton Creek Pump Station #1				1		1						
PW SWMD - Compton Creek Pump Station #2				1		1						
PW SWMD - Dominger Pump Station				1		1						
PW SWMD - Lennox Blvd Pump Station				1								
PW SWMD - Oxford Pump Station				1					1			
PW SWMD - Redondo Beach Blvd Pump Station				1								
PW SWMD - Boone Olive Pump Station				1		1			1			
PW SWMD - Electric Ave Pump Station				1								
PW SWMD - 17th St Pump Station				1								
PW SWMD - Alamitos Bay Pump Station		1		1					1			
PW SWMD - Alondra Pump Station				1		1						
PW SWMD - Anaheim St. Pump Station		1		1		1			1			

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW SWMD - Appian Way Pump Station		1		1		1			1			
PW SWMD - Arena Pump Station				1								
PW SWMD - Belmont Pump Station	1	1		1					1			
PW SWMD - Century Frwy Pump Station				1		1						
PW SWMD - Cerritos Pump Station				1		1						
PW SWMD - Claretta Pump Station				1		1						
PW SWMD - Cordova Walk Pump Station									1			
PW SWMD - Dominguez Pump Station				1		1						
PW SWMD - Doris Pump Station				1								
PW SWMD - East Toledo Pump Station									1			
PW SWMD - El Dorado Pump Station				1		1						
PW SWMD - El Segundo Pump Station				1								
PW SWMD - Garnet Avenue Pump Station				1		1						
PW SWMD - Hamilton Bowl South Pump Station				1		1						
PW SWMD - Hamilton Bowl West				1		1						

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Pump Station												
PW SWMD - Hill St. Pump Station				1		1						
PW SWMD - Johnson Pump Station				1								
PW SWMD - Lakewood Pump Station				1		1						
PW SWMD - Los Altos Pump Station				1								
PW SWMD - Lynwood Pump Station				1		1						
PW SWMD - Manhattan Beach Pump Station				1								
PW SWMD - Market St. Pump Station				1		1						
PW SWMD - Naples Pump Station									1			
PW SWMD - Paramount Pump Station				1		1						
PW SWMD - Seaside Pump Station				1		1			1			
PW SWMD - Walteria Lake Pump Station				1								
PW SWMD - West Long Beach Pump Station	1	1		1					1			
PW SWMD - West Neapolitan Pump Station	1	1		1					1			

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW SWMD - West Toledo Pump Station									1			
PW SWMD - Wilmington Unit 2 Pump Station				1								
PW SMD – Malibu Mesa WWTP				1						1		
PW SMD – Malibu TP				1						1		
PW SMD - Trancas WWTP				1		1				1		
PW SMD – LAKE HUGHES					1							
PW WWD - 27 Tank					1						1	
PW WWD - 39 Tank					1						1	
PW WWD - 116th street Tank				1							1	
PW WWD - Adobe Tank												
PW WWD - Blue Rock Tank				1								
PW WWD - Butte's Tank												
PW WWD - City Ranch Tanks					1							
PW WWD - Ft. Tejon Tank					1						1	
PW WWD - Joshua Ranch Tank				1						1		
PW WWD - Kohl's tank					1	1						
PW WWD - M & 7th west Tank site					1							

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW WWD - Q-9 Tanks					1							
PW WWD - Rancho Vista tanks				1				1		1		
PW WWD - Tierra Subida Tanks				1								
PW WWD #04 – M/5e Water Tank					1							
PW WWD #04- M8/75w Water Tank					1							
PW WWD - Cuyama Tank				1				1				1
PW WWD - Hasley Tank				1								1
PW WWD - North Tank				1								1
PW WWD - McCenney Tank					1			1				1
PW WWD - South Tank				1								1
PW WWD - 168th and G Pump station				1								
PW WWD - Anaverde Tanks and pump station				1						1		
PW WWD - Old timers tank and pump station				1								
PW WWD - Los Valles Pump station and Well				1								1
PW WWD - Vincent Pump station					1							1

Table C-10: Public Works Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
PW WWD - Bev martin tank and Pump Station				1		1						
PW SMD – East Yard				1								
PW SMD - Lawndale				1								
PW SMD – South Yard				1								
PW SMD – Central Yard				1								
PW SMD – North Yard				1		1						

Table C-11: Sheriff's Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Altadena Sheriff's Station				1								
Avalon Sheriff's Station										1		
Carson Sheriff's Station				1		1						
Century Regional Detention Facility				1								
Century Sheriff's Station				1								
Cerritos Sheriff's Station				1								
Compton Sheriff's Station				1		1						
Crescenta Valley Sheriff's Station				1						1		
East Los Angeles Sheriff's Station				1								
Industry Sheriff's Station				1								
Inmate Reception Center				1								
Lakewood Sheriff's Station				1		1						
Lancaster Sheriff's Station				1		1						
Lomita Sheriff's Station				1								
Malibu/Lost Hills Sheriff's Station				1						1		
Marina Del Rey Sheriff's Station				1					1			
Men's Central Jail				1								
North County Correctional Facility			1	1							1	
Norwalk Sheriff's Station				1								
Palmdale Sheriff's Station					1							
Pico Rivera Sheriff's Station				1		1						
Pitchess Detention Center East Facility				1				1				1

Table C-11: Sheriff's Department Facility Hazard Impacts

Facility Name	3 Ft Sea Level Rise	6 Ft Sea Level Rise	Dam Failure Inundation	Violent EQ Shaking	Extreme EQ Shaking	0.2% Annual Chance Flooding	1% Annual Chance Flooding	Deep Seated Landslide Class IX & X	Max Tsunami Inundation	Very High Wildfire LRA	High Wildfire SRA	Very High Wildfire SRA
Pitchess Detention Center North Facility			1	1								1
Pitchess Detention Center South Facility			1	1								1
San Dimas Sheriff's Station				1								
Santa Clarita Valley Sheriff's Station					1							
South Los Angeles Sheriff's Station				1								
Temple Sheriff's Station				1								
Twin Towers Correctional Facility				1								
Walnut/Diamond Bar Sheriff's Station				1								
West Hollywood Sheriff's Station				1								





**WATER PRODUCTION & DISTRIBUTION
CAPITAL IMPROVEMENT PLAN (CIP) 2017-2027**

Project	Quantity	Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Water Main Projects 2017-2018						
Glenoaks Blvd - Hubbard to Harding - 18" Stl Conc to 18" DIP	3000	L.F. \$750,000	\$0	Water	\$750,000	Transmission Line/Upgrade
Sub Total		\$750,000			\$750,000	
Total		\$750,000			\$750,000	



**WATER PRODUCTION & DISTRIBUTION
CAPITAL IMPROVEMENT PLAN (CIP) 2017-2027**

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
System Improvement 2018-2019							
Security Fencing	3400	L.F.	\$272,000	\$0	Water	\$272,000	Facility Improvement
Arroyo Booster # 1 Rehabilitation	1	L.S.	\$25,000	\$0	Water	\$25,000	Facility Improvement
	Sub Total		\$297,000			\$297,000	
Miscellaneous and Equipment 2018-2019							
Water Masterplan	1	L.S.	\$80,000	\$0	Water	\$80,000	Report
Ion Exchange Treatment Unit - O&M (Contract No. 1729)	1	L.S.	\$175,000	\$0	Water	\$175,000	Maintenance
Ion Exchange Treatment Unit - Operating Costs	1	L.S.	\$110,000	\$0	Water	\$110,000	Maintenance
StarLite Solar Arrow Board - Equipment # 0720	1	L.S.	\$15,750	\$0	Water	\$0	Equipment Replacement
Chevy 2500HD - Vehicle 9503	1	L.S.	\$42,000	\$0	Water	\$0	Vehicle Replacement
	Sub Total		\$422,750			\$365,000	
Water Main Projects 2018-2019							
N. Workman Street - Glenoaks to Seventh St - 6" CIP to 8" DIP	1300	L.F.	\$370,500	\$0	Water	\$370,500	Main Replacement/Upgrade
Lucas Street - N.Workman to Orange Grove - 6" CIP to 8" DIP	920	L.F.	\$156,400	\$0	Water	\$156,400	Main Relocation/Upgrade
N Lazard Street - Fourth St to Fifth St	76	EA	\$1,750	\$0	Water	\$1,750	Lateral Replacement
Hollister Street - Kalisher to S. Huntington - 6" Stl to 8" DIP	1000	L.F.	\$150,000	\$0	Water	\$150,000	Main Replacement/Upgrade
N Workman Street - Second to Fourth Streets - 6" Stl to 8" DIP	700	L.F.	\$105,000	\$0	Water	\$105,000	Main Replacement/Upgrade
Celis Street - Wolfskill St to Brand Blvd - 6" Stl to 8" DIP	1000	L.F.	\$150,000	\$0	Water	\$150,000	Main Replacement/Upgrade
S. Workman Street - Behind Store Fronts 4" CIP to 8" DIP	200	L.F.	\$30,000	\$0	Water	\$30,000	Main Replacement/Upgrade
	Sub Total		\$963,650			\$963,650	
	Total		\$1,683,400			\$1,625,650	



WATER PRODUCTION & DISTRIBUTION (continued)

CAPITAL IMPROVEMENT PLAN (CIP) 2017-2027

Project	Quantity		Estimate	Amount Total Funded	Source of Funds	Not Funded	Type of Work
System Improvement 2019-2020							
MWD Booster Pump # 4	1	L.S.	\$23,983	\$0	Water	\$23,983	Maintenance
Ion-Exchange Treatment Unit - Phase II, Well #3	1	L.S.	\$2,000,000	\$0	Water	\$2,000,000	System Improvement
	Subtotal		\$2,133,983	\$0		\$2,133,983	
Miscellaneous and Equipment 2019-2020							
Ion Exchange Treatment Unit - O&M (Contract No. 1729)	1	L.S.	\$175,000	\$0	Water	\$175,000	System Improvement
Ion Exchange Treatment Unit - Operating Costs	1	L.S.	\$110,000	\$0	Water	\$110,000	Maintenance
City Yard - 501 First Street	1	L.S.	\$10,000,000	\$0	Water	\$10,000,000	New Construction
Well 4A Building Expansion Block Building	396	S.F.	\$102,960	\$0	Water	\$102,960	New Construction
AMI Meter Reading	1	L.S.	\$1,500,000	\$0	Water	\$1,500,000	Equipment
Security Building for ION-Exchange Treatment System, 12900 Dronfield Block Building	324	S.F.	\$84,240	\$0	Water	\$84,240	New Construction
Chevy 2500HD - Vehicle # 8095	1	L.S.	\$44,100	\$0	Water	\$44,100	Vehicle Replacement
Ford Ranger - Vehicle # 3241	1	L.S.	\$30,000	\$0	Water	\$30,000	Vehicle Replacement
EDEN Upgrade	1	L.S.	\$30,000	\$0	Water	\$30,000	System Upgrade
Facility Maintenance - 12900 Dronfield Roadway	1200	L.F.	\$156,000	\$0	Water	\$156,000	Maintenance
	Subtotal		\$12,232,300	\$0		\$12,232,300	
Water Main Projects 2019-2020							
Arroyo Avenue - Fifth St to Glenoaks Blvd	30	EA	\$ 60,000.00	\$0	Water	\$ 60,000.00	Lateral Replacement
Harding Avenue - Glenpaks Blvd to Eighth St	3950	L.F.	\$ 790,000.00	\$0	Water	\$ 790,000.00	Main Replacement
Phillippi Street - Hubbard Ave to Orange Grove Ave	1450	L.F.	\$ 290,000.00	\$0	Water	\$ 290,000.00	Main Replacement
	Subtotal		\$1,140,000	\$0		\$1,140,000	
	Total		\$15,396,283			\$15,396,283	



WATER PRODUCTION & DISTRIBUTION (continued)

CAPITAL IMPROVEMENT PLAN (CIP) 2017-2027

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
<i>Miscellaneous and Equipment 2020-2021</i>							
Ford F-150 (CNG) - Vehicle # 4416	1	L.S.	\$45,000	\$0	Water	\$0	Vehicle Replacement
Ion Exchange Treatment Unit - O&M (Contract No. 1729)	1	L.S.	\$175,000	\$0	Water	\$175,000	System Improvement
Ion Exchange Treatment Unit - Operating Costs	1	L.S.	\$110,000	\$0	Water	\$110,000	Maintenance
	Subtotal		\$330,000	\$0		\$285,000	
<i>Water Main Projects 2020-2021</i>							
Griswold Ave - Fourth St. to Third St. 4" Stl to 8" DIP	400	L.F.	\$68,000	\$0	Water	\$68,000	Main Replacement/Upgrade
Alley e/o No.Maclay Ave. Fourth St. to Library St. 4" Stl to 8" CIP	600	L.F.	90,000	\$0	Water	\$90,000	Main Replacement/Upgrade
Seventh Street - Orange Grove Ave to Hubbard St 6" ACP to 8" DIF	1400	L.F.	\$280,000	\$0	Water	\$280,000	Main Replacement
Orange Grove Ave - Seventh St to Eighth St 6" ACP to 8" DIP	1300	L.F.	\$195,000	\$0	Water	\$195,000	Main Replacement
Hubbard - Dronfield to Glenoaks - 18" Stl to 18" DIP	2700	L.F.	\$567,000	\$0	70	\$567,000	Main Replacement
Hollister Street - Mid Block to Chatsworth 6" Stl to 8" DIP	300	L.F.	\$54,000	\$0	70	\$54,000	Main Replacement/Upgrade
	Subtotal		\$1,254,000	\$0		\$1,254,000	
	Total		\$1,584,000			\$1,539,000	



WATER PRODUCTION & DISTRIBUTION (continued)

CAPITAL IMPROVEMENT PLAN (CIP) 2017-2027

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
System Improvement 2021-2022							
Well 2A Rehabilitation	1	L.S.	\$130,000	\$0	Water	\$130,000	Maintenance
Well 2A Electrical Upgrades	1	L.S.	\$60,000	\$0	Water	\$60,000	Upgrade
	Subtotal		\$190,000	\$0		\$190,000	
Miscellaneous and Equipment 2021-2022							
Ion Exchange Treatment Unit - O&M (Contract No. 1729)	1	L.S.	\$175,000	\$0	Water	\$175,000	System Improvement
Ion Exchange Treatment Unit - Operating Costs	1	L.S.	\$110,000	\$0	Water	\$110,000	Maintenance
Ford F-450 - Vehicle # 4573	1	L.S.	\$55,000	\$0	Water	\$55,000	Vehicle Replacement
Whiteman MLTDA7 (Stadium Lighting) - Generator # 0246	1	L.S.	\$30,000	\$0	Water	\$0	Equipment Replacement
	Sub Total		\$370,000	\$0		\$340,000	
Water Main Projects 2021-2022							
Hubbard St, Foothill Blvd to Dronfield Ave. - 18" Stl Conc to 18" DIP	1630	L.F.	\$407,500	\$0	Water	\$407,500	Transmission Line/Upgrade
Hagar Street, 5th to Glenoaks - 6" CIP to 8" DIP	1250	L.F.	\$187,500	\$0	Water	\$187,500	Main Replacement/Upgrade
	Sub Total		\$595,000	\$0		\$595,000	
	Total		\$1,155,000			\$1,125,000	



WATER PRODUCTION & DISTRIBUTION (continued)

CAPITAL IMPROVEMENT PLAN (CIP) 2017-2027

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Miscellaneous and Equipment 2022-2023							
Ion Exchange Treatment Unit - O&M (Contract No. 1729)	1	L.S.	\$175,000	\$0	Water	\$175,000	System Improvement
Ion Exchange Treatment Unit - Operating Costs	1	L.S.	\$110,000	\$0	Water	\$110,000	Maintenance
Hyster Forklift - Vehicle # 5289	1	L.S.	\$40,000	\$0	Water	\$0	Equipment Replacement
	Subtotal		\$325,000	\$0		\$285,000	
Water Main Projects 2022-2023							
Fox Street - Pico to Hewitt - Loop/ New Installation - New 8" DIP	750	L.F.	\$127,500	\$0	Water	\$127,500	Loop/New Installation
Newton Avenue - Fourth St. to Third St. 4" CIP to 8" DIP	400	L.F.	\$68,000	\$0	Water	\$68,000	Main Replacement/Upgrade
De Haven Street - N. Brand to Griswold St. 4" CIP to 8" DIP	670	L.F.	\$100,500	\$0	Water	\$100,500	Main Replacement/Upgrade
De Garmo Street - N. Brand to Griswold St. - 6" CIP to 8" DIP	670	L.F.	\$100,500	\$0	Water	\$100,500	Main Replacement/Upgrade
Alexander St - Fifth Street to Glenoaks Boulevard 6" CIP to 8" DIP	1260	L.F.	\$189,000	\$0	Water	\$189,000	Main Replacement/Upgrade
	Subtotal		\$189,000	\$0		\$189,000	
	Total		\$514,000			\$474,000	



WATER PRODUCTION & DISTRIBUTION (continued)

CAPITAL IMPROVEMENT PLAN (CIP) 2017-2027

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Miscellaneous and Equipment 2023-2024							
Ion Exchange Treatment Unit - Operating Costs	1	L.S.	\$110,000	\$0	Water	\$110,000	Maintenance
John Deere 310SK Backhoe - Vehicle # 2571	1	L.S.	\$140,000	\$0	N/A	\$140,000	Equipment Replacement
Well 4A Rehabilitation	1	L.S.	\$400,000	\$0	Water	\$400,000	Equipment Replacement
Water Department Office Expansion (120 Macneil) - Block Building	234	S.F.	\$90,200	\$0	Water	\$90,200	Construction
	Sub Total		\$740,200	\$0		\$740,200	
Water Main Projects 2023-2024							
Brand Blvd, San Fernando Rd to South City Limit - Relocation of 8" DIP	2600	L.F.	\$520,000	\$0	Water	\$520,000	Water Main Relocation
	Sub Total		\$520,000	\$0		\$520,000	
	Total		\$1,260,200			\$1,260,200	



WATER PRODUCTION & DISTRIBUTION (continued)
CAPITAL IMPROVEMENT PLAN (CIP) 2017-2027

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Miscellaneous and Equipment 2024-2025							
Baldor TS175 Generator - Vehicle # 0015	1	L.S.	\$30,000	\$0	Water	\$0	Equipment Replacement
Ion Exchange Treatment Unit - Operating Costs	1	L.S.	\$110,000	\$0	Water	\$110,000	Maintenance
	Subtotal		\$140,000	\$0		\$110,000	
Water Main Projects 2024-2025							
Wolfskill St, Pico Street to Kewen Street	800	L.F.	\$120,000	\$0	Water	\$120,000	Main Replacement
Fourth Street 12" DIP, Harding Ave to Park Ave	3300	L.F.	\$495,000	\$0	Water	\$495,000	Main Replacement
	Subtotal		\$615,000	\$0		\$615,000	
	Total		\$755,000			\$1,230,000	



WATER PRODUCTION & DISTRIBUTION (continued)

CAPITAL IMPROVEMENT PLAN (CIP) 2017-2027

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Miscellaneous and Equipment 2025-2026							
Ion Exchange Treatment Unit - Operating Costs	1	L.S.	\$110,000	\$0	Water	\$110,000	Maintenance
Doosan P185WDO Air Compressor - Vehicle # 4244	1	L.S.	\$32,000	\$0	Water	\$32,000	Equipment Replacement
Ford F-650 Dump Truck (5 Yard) - Vehicle # 7218	1	L.S.	\$100,000	\$0	Water	\$100,000	Vehicle Replacement
	Subtotal		\$242,000	\$0		\$242,000	
Water Main Projects 2025-2026							
Chatsworth Dr, San Fernando Rd-South City Limit	2600	L.F.	\$390,000	\$0	Water	\$390,000	Main Replacement
Harps Street, 5th-DeGarmo -	600	L.F.	\$115,000	\$0	Water	\$115,000	Upgrade
	Subtotal		\$505,000	\$0		\$505,000	
	Total		\$747,000			\$747,000	



WATER PRODUCTION & DISTRIBUTION (continued)

CAPITAL IMPROVEMENT PLAN (CIP) 2017-2027

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Miscellaneous and Equipment 2026-2027							
Ion Exchange Treatment Unit - Operating Costs	1	L.S.	\$110,000	\$0	Water	\$110,000	Maintenance
Ford F-650 ValveTruck - Vehicle # 0172	1	L.S.	\$90,000	\$0	Water	\$90,000	Vehicle Replacement
Ford F-650 Distribution Truck - Vehicle # 9977	1	L.S.	\$90,000	\$0	Water	\$90,000	Vehicle Replacement
Balder TS175 Generator - Vehicle # 0263	1	L.S.	\$35,000	\$0	Water	\$35,000	Equipment Replacement
	Subtotal		\$325,000			\$325,000	
Water Main Projects 2026-2027							
Knox Street - Orange Grove Avenue to Hubbard Street 6" ACP to 8" DIP	1400	L.F.	\$210,000	\$0	Water	\$210,000	Main Replacement/Upgrade
Phillippi Street- Orange Grove Avenue to Hubbard Street 6" ACP to 8" DIP	1400	L.F.	\$210,000	\$0	Water	\$210,000	Main Replacement/Upgrade
Chivers Street - Orange Grove Avenue to Hubbard Street 6" ACP to 8" DIP	1400	L.F.	\$210,000	\$0	Water	\$210,000	Main Replacement/Upgrade
	Subtotal		\$630,000			\$630,000	
	Total		\$955,000			\$955,000	
GRAND TOTAL			\$24,799,883			\$24,733,266	



SEWER DIVISION

CAPITAL IMPROVEMENT PLAN (CIP) 2018-2028

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
<i>Sewer Main Miscellaneous 2018-2019</i>							
Citywide CCTV of Sewer System	1	L.S.	\$150,000	\$0	Sewer	\$150,000	Maintenance
<i>Sewer Equipment 2018-2019</i>							
Ford LNT-8000-Guzzler - Vehicle # 1258	1	L.S.	\$400,000	\$0	Sewer	\$400,000	Vehicle Replacement
	Subtotal		\$400,000			\$400,000	
<i>Sewer Main Hydraulically Deficient Projects 2018-2019</i>							
Harding Avenue - Seventh Street to Fifth Street	2676	L.F.	\$293,804	\$0	Sewer	\$293,804	Main Replacement
Easement s/o Warren - WCL to Meyer	277	L.F.	\$60,973	\$0	Sewer	\$60,973	Main Replacement
Glenoaks Blvd - Orange Grove Avenue to Harding Avenue	1325	L.F.	\$218,625	\$0	Sewer	\$218,625	Main Replacement
Harding Avenue - Phillippi Street to Seventh Street	713	L.F.	\$156,690	\$0	Sewer	\$156,690	Main Replacement
	Subtotal		\$730,092			\$730,092	
<i>Sewer Main Replacement Projects 2018-2019</i>							
Newton - Seventh to Eighth	900	L.F.	\$162,000	\$0	Sewer	\$162,000	Main Replacement
Seventh - N. Brand Blvd to 300 ft. west	300	L.F.	\$54,000	\$0	Sewer	\$54,000	Main Replacement
	Subtotal		\$216,000			\$216,000	
	Total		\$1,496,092			\$1,496,092	



SEWER DIVISION

CAPITAL IMPROVEMENT PLAN (CIP) 2018-2028

CAPITAL IMPROVEMENT PLAN (CIP) 2019-2020							
Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Sewer Main Miscellaneous 2019-2020							
Citywide CCTV of Sewer System	1	L.S.	\$150,000	\$0	Sewer	\$150,000	Maintenance
Sewer Equipment							
Ford F-150 - Vehicle # 0597	1	L.S.	\$60,000	\$0	Sewer	\$60,000	Vehicle Replacement
	Subtotal		\$60,000	\$0		\$60,000	
Sewer Main Hydraulically Deficient Projects 2019-2020							
Seventh Street - Fermoore Street to N Workman Street	277	L.F.	\$60,987	\$0	Sewer	\$60,987	Main Replacement
Eighth Street - Lazard Street to Orange Grove Avenue	254	L.F.	\$55,776	\$0	Sewer	\$55,776	Main Replacement
Orange Grove Avenue -Glenoaks Boulevard to Warren Street	953	L.F.	\$209,652	\$0	Sewer	\$209,652	Main Replacement
Alley w/o N Maclay - Eighth Street to Knox Street	284	L.F.	\$62,436	\$0	Sewer	\$62,436	Main Replacement
Brand Blvd - Fourth Street to Third Street	325	L.F.	\$71,504	\$0	Sewer	\$71,504	Main Replacement
N Maclay Ave - Mountain View to Seventh Street	346	L.F.	\$76,124	\$0	Sewer	\$76,124	Main Replacement
N Maclay Ave - Glenoaks Blvd	30	L.F.	\$4,950	\$0	Sewer	\$4,950	Main Replacement
	Subtotal		\$541,429			\$541,429	
Sewer Main Replacement Projects 2019-2020							
DeFoe - N. Brand Blvd to 300 ft. west	300	L.F.	\$54,000	\$0	Sewer	\$54,000	Main Replacement
Harding - Eighth to Phillippi	645	L.F.	\$116,100	\$0	Sewer	\$116,100	Main Replacement
	Subtotal		\$170,100			\$170,100	
	Total		\$921,529			\$921,529	



SEWER DIVISION (Continued)
CAPITAL IMPROVEMENT PLAN (CIP) 2018-2028

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
<i>Sewer Main Miscellaneous 2020-2021</i>							
Citywide CCTV of Sewer System	1	L.S.	\$150,000	\$0	Sewer	\$150,000	Maintenance
<i>Sewer Main Hydraulically Deficient Projects 2020-2021</i>							
Griswold Avenue - De Garmo Street to Fifth Street	324	L.F.	\$71,279	\$0	Sewer	\$71,279	Main Replacement
N Brand Blvd - Morningside Court to Library Street	211	L.F.	\$46,374	\$0	Sewer	\$46,374	Main Replacement
Library Street - N Brand Boulevard to Newton Street	313	L.F.	\$68,853	\$0	Sewer	\$68,853	Main Replacement
Coronel Street - N Maclay to Carlisle	324	L.F.	\$77,449	\$0	Sewer	\$77,449	Main Replacement
Carlisle Street - Hollister Street to O'Melveny	1559	L.F.	\$343,091	\$0	Sewer	\$343,091	Main Replacement
	Subtotal		\$607,046			\$607,046	
<i>Sewer Main Replacement Projects 2020-2021</i>							
Fourth - Newton to Griswold	340	L.F.	\$61,200	\$0	Sewer	\$61,200	Main Replacement
Seventh - 4 segments between Maclay and Harding (2 at 385 ft., 2 at 365 ft.)	1500	L.F.	\$270,000	\$0	Sewer	\$270,000	Main Replacement
	Subtotal		\$331,200	\$0	Sewer	\$331,200	Main Replacement
	Total		\$1,088,246			\$1,088,246	



SEWER DIVISION (Continued)

CAPITAL IMPROVEMENT PLAN (CIP) 2018-2028

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Sewer Main Miscellaneous 2021-2022							
Citywide CCTV of Sewer System	1	L.S.	\$150,000	\$0	Sewer	\$150,000	Maintenance
Sewer Main Hydraulically Deficient Projects 2021-2022							
O'Melveny Street - San Fernando Mission Boulevard to Fox Street	2351	L.F.	\$433,977	\$0	Sewer	\$433,977	Main Replacement
Newton Street - Library Street to Fourth Street	315		\$69,339	\$0	Sewer	\$69,339	Main Replacement
Harding Avenue - Fifth Street to Fourth Street	1711	L.F.	\$364,183	\$0	Sewer	\$364,183	Main Replacement
Harding Avenue - Third Street to First Street	875	L.F.	\$209,986	\$0	Sewer	\$209,986	Main Replacement
N Huntington Street - Glenoaks Boulevard to Fermoore Street	395	L.F.	\$72,817	\$0	Sewer	\$72,817	Main Replacement
Fifth Street - Fermoore to N Workman Street	324	L.F.	\$71,195	\$0	Sewer	\$71,195	Main Replacement
	Subtotal		\$1,221,497			\$1,221,497	
Sewer Main Replacement Projects 2021-2022							
N. Huntington - Glenoaks to 300 ft. south	300	L.F.	\$54,000	\$0	Sewer	\$54,000	Main Replacement
N. Huntington - Fifth to 600 ft. south	600	L.F.	\$108,000	\$0	Sewer	\$108,000	Main Replacement
	Subtotal		\$162,000			\$162,000	
	Total		\$1,533,497			\$1,533,497	



SEWER DIVISION (Continued)
CAPITAL IMPROVEMENT PLAN (CIP) 2018-2028

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Sewer Main Miscellaneous 2022-2023							
Citywide CCTV of Sewer System	1	L.S.	\$150,000	\$0	Sewer	\$150,000	Maintenance
Sewer Main Hydraulically Deficient Projects 2022-2023							
First Street - Harding Avenue to Alexander Street	931	L.F.	\$212,961	\$0	Sewer	\$212,961	Main Replacement
Alexander Street - First Street to Alley n/o First Street	180	L.F.	\$43,079	\$0	Sewer	\$43,079	Main Replacement
Alley n/o First Street - Alexander Street to N Brand Blvd	1440		\$345,468	\$0	Sewer	\$345,468	Main Replacement
N Brand Blvd - N/O First Street to Easement s/o Truman Street	1036		\$176,350	\$0	Sewer	\$176,350	Main Replacement
	Subtotal		\$777,858			\$777,858	
Sewer Main Replacement Projects 2022-2023							
Fourth - Macneil 165 ft. east to alley	165	L.F.	\$29,700	\$0	Sewer	\$29,700	Main Replacement
Alley #29 - Second towards First, between Hagar and Maclay	375	L.F.	\$67,500	\$0	Sewer	\$67,500	Main Replacement
	Subtotal		\$97,200			\$97,200	
	Total		\$1,025,058			\$1,025,058	



SEWER DIVISION (Continued)
CAPITAL IMPROVEMENT PLAN (CIP) 2018-2028

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Sewer Main Miscellaneous 2023-2024							
Citywide CCTV of Sewer System	1	L.S.	\$150,000	\$0	Sewer	\$150,000	Maintenance
Sewer Main Hydraulically Deficient Projects 2023-2024							
Easement s/o Truman Street - N Brand Boulevard to Wolfskill Street	701	L.F.	\$240,530	\$0	Sewer	\$240,530	Main Replacement
Wolfskill Street - Easement s/o Truman Street to Celis Street	465	L.F.	\$111,715	\$0	Sewer	\$111,715	Main Replacement
Eighth Street - Aviation Place to Arroyo Avenue	253	L.F.	\$55,177	\$0	Sewer	\$55,177	Main Replacement
First Street - Park Avenue to Fox Street	285	L.F.	\$62,698	\$0	Sewer	\$62,698	Main Replacement
San Fernando Road - Hubbard Avenue	30	L.F.	\$10,204	\$0	Sewer	\$10,204	Main Replacement
	Subtotal		\$480,324			\$480,324	
Sewer Main Replacement Projects 2023-2024							
Meyer - 280 ft. north from Second St.	280	L.F.	\$50,400	\$0	Sewer	\$50,400	Main Replacement
Lazard - 240 ft. north from Second St.	240	L.F.	\$43,200	\$0	Sewer	\$43,200	Main Replacement
	Subtotal		\$93,600	\$0		\$93,600	
	Total		\$723,924			\$1,465,097	



SEWER DIVISION (Continued)
CAPITAL IMPROVEMENT PLAN (CIP) 2018-2028

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Sewer Main Miscellaneous 2024-2025							
Citywide CCTV of Sewer System	1	L.S.	\$150,000	\$0	Sewer	\$150,000	Maintenance
Sewer Main Hydraulically Deficient Projects 2024-2025							
Fox Street - Celis Street to SCL	2598	L.F.	\$717,421	\$0	Sewer	\$717,421	Main Replacement
	Subtotal		\$717,421			\$717,421	Main Replacement
Sewer Main Replacement Projects 2024-2025							
Second - 65 ft. west towards Hubbard	65	L.F.	\$11,700	\$0	Sewer	\$11,700	Main Replacement
Pico - San Fernando Mission Blvd to 350 ft. east	350	L.F.	\$63,000	\$0	Sewer	\$63,000	Main Replacement
	Subtotal		\$74,700			\$74,700	
	Total		\$942,121			\$1,002,558	



SEWER DIVISION (Continued)
CAPITAL IMPROVEMENT PLAN (CIP) 2018-2028

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Sewer Main Miscellaneous 2025-2026							
Citywide CCTV of Sewer System	1	L.S.	\$150,000	\$0	Sewer	\$150,000	Maintenance
Sewer Main Replacement Projects 2025-2026							
Pico - Kalisher to 350 ft. east	350	L.F.	\$63,000	\$0	Sewer	\$63,000	Main Replacement
Kewen - S. Huntington to Workman	355	L.F.	\$63,900	\$0	Sewer	\$63,900	Main Replacement
	Subtotal		\$126,900			\$126,900	
	Total		\$276,900			\$276,900	



SEWER DIVISION (Continued)

CAPITAL IMPROVEMENT PLAN (CIP) 2018-2028

Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Sewer Main Miscellaneous 2026-2027							
Citywide CCTV of Sewer System	1	L.S.	\$150,000	\$0	Sewer	\$150,000	Maintenance
Sewer Main Replacement Projects 2026-2027							
Kewen - 375 ft. west of San Fernando Mission Blvd	375	L.F.	\$67,500	\$0	Sewer	\$67,500	Main Replacement
Fox - Truman to Celis	689	L.F.	\$124,020	\$0	Sewer	\$124,020	Main Replacement
	Subtotal		\$191,520			\$191,520	
	Total		\$341,520			\$341,520	



SEWER DIVISION (Continued)

CAPITAL IMPROVEMENT PLAN (CIP) 2018-2028

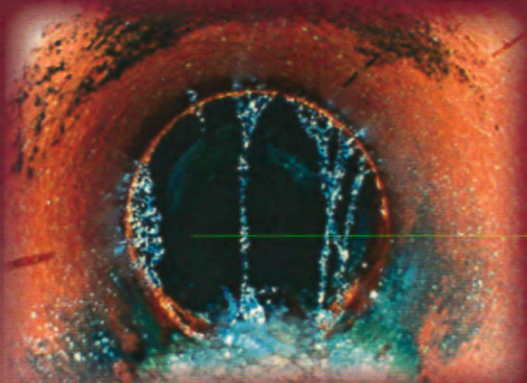
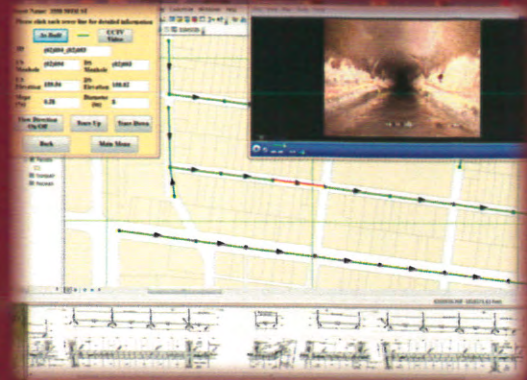
Project	Quantity		Total Estimate	Amount Funded	Source of Funds	Not Funded	Type of Work
Sewer Main Miscellaneous 2027-2028							
Citywide CCTV of Sewer System	1	L.S.	\$150,000	\$0	Sewer	\$150,000	Maintenance
Sewer Main Replacement Projects 2027-2028							
Knox - Harding to 302 ft. east	302	L.F.	\$54,360	\$0	Sewer	\$54,360	Main Replacement
Kewen - 375 ft. west of San Fernando Mission Blvd	375	L.F.	\$67,500	\$0	Sewer	\$67,500	Main Replacement
	Subtotal		\$121,860			\$121,860	
	Total		\$271,860			\$271,860	
GRAND TOTAL			\$8,620,747	\$0	\$0	\$9,422,357	



Hall & Foreman, Inc.
Engineering ■ Planning ■ Surveying

Final Report for Sewer Master Plan

City of San Fernando March 31, 2014



17782 17th Street, Suite 200
Tustin, CA 92780
714.665.4500
714.665.4501
yemrani@hfinc.com



Hall & Foreman, Inc. www.hfinc.com

Facebook: Hall and Foreman • Twitter: @hallandforeman
LinkedIn: Hall & Foreman, Inc.

City of San Fernando Sewer Master Plan (Final Report)



**117 Macneil Street
San Fernando, CA 91340**

March 31, 2014

Prepared By:


Yazdan T. Emrani, P.E.



**Hall & Foreman, Inc.
17782 17th Street, Suite 200
Tustin, California 92780
PN 130261**





**SEWER SYSTEM MASTER PLAN
FINAL REPORT**

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
CHAPTER 1 Introduction.....	4
CHAPTER 2 Land Use, Population	11
CHAPTER 3 Flow Monitoring	20
CHAPTER 4 Rehabilitation Methods	37
CHAPTER 5 CCTV Inspection	50
CHAPTER 6 Hydraulic Modeling/Capacity Analysis	61
CHAPTER 7 CIP Development/Cost Analysis	71
APPENDIX A Info Sewer Model Run	76
APPENDIX B Exhibits.....	77



EXECUTIVE SUMMARY

Introduction

The City of San Fernando is located in Los Angeles County and is bordered by the districts of Sylmar to the north, Lake View Terrace to the east, Pacoima to the south, and Mission Hills to the west. It is served by the Golden State (Interstate 5), Foothill (Interstate 210), Ronald Reagan (State Route 118), and San Diego (Interstate 405) freeways. The City encompasses approximately 2.37 square miles and serves approximately 23,645 residents. The City incorporated in August 1911.

Description of the Study Area

The City encompasses an area of approximately 1,300 acres. The predominant land use in the City is residential land use at 48% of the total land use and is primarily single family. There is also a blend of commercial land uses distributed across the City with industrial land use primarily located in the northeast. Although the City is almost fully developed, re-development projects are ongoing and planned as part of City Specific Plans. The Corridors Specific Plan (SP-4), which totals approximately 128 acres, is a revitalization of the Maclay Avenue, Truman Street and San Fernando Road corridors.

The City operates its wastewater collection system under the jurisdiction of the Los Angeles Regional Water Quality Control Board, the State Water Resources Control Board, and the U.S. Environmental Protection Agency.

The City's goal is to develop a comprehensive sewer master plan that accomplishes the following four main objectives:

- Developing a GIS based sewer map and modernizing its sewer system mapping by scanning and creating digital copies of its existing sewer maps
- Identifying areas of current system capacity deficiencies, if any, and areas of necessary upgrades or new systems based upon future growth and development as anticipated by the General Plan
- Identifying a timeframe, based on priority, and the cost of maintaining, repairing, replacing, upgrading, and installing of new sewer system improvements based upon the growth forecast and condition, age, and capacity of existing sewer lines

Existing System

The existing contiguous gravity sewer system within the City boundary contains 219,346 linear feet of sewer line. However, for hydraulic modeling purposes, the area analyzed include lines that are outside the City boundary. Therefore, the system analyzed in this study contains 224,852 linear feet of sewer line and 834 manholes.

Land Use

There are 1,314 acres of land inside the City boundaries. City land use presented herein is based on the City's current General Plan and zoning map. As shown in Table 2-1 and on Figure



EXECUTIVE SUMMARY

2-1, Based the predominant land use in the City is residential land use at 67% of the total land use (874 acres) including single family (R1), multi-family dwelling (R2), and multi-family (R3). Of the residential land use categories, low density residential (R1) is predominant at 73% of the total residential land use.

General Criteria

Establishing performance standards is an important part of evaluating existing wastewater collection systems, as it forms the basis for system analysis and system improvement recommendations. These standards include methodology for estimating wastewater design flows and minimum design standards for the collection system pipes.

Average wastewater flows can be reasonably estimated from flow monitoring data as well as land use and their corresponding unit flow factors. Peaking factors are needed for estimating peak dry weather and peak wet weather flows. Peak wet weather flows also include an allowance for inflow / infiltration (I/I). Collection system design standards include minimum pipe size, minimum flow velocity, and depth of flow to pipe diameter ratio. Finally, facility useful lives are needed for adequately scheduling replacement of the aging infrastructure.

Sewer Design Criteria

Design criteria are established to ensure that the wastewater collection system can operate effectively under all flow conditions. Each pipe segment must be capable of carrying peak flows without surcharging the system. Low flows must be conveyed at a velocity that will prevent solids from settling and blocking the system. At a minimum, all pipes should be 8 inches or larger in diameter and the velocity of flow should be greater than 2 feet per second at average flow. This velocity will prevent deposition of solids in the sewer. A velocity of 3 feet per second is desired at peak dry weather flow, to re-suspend any materials that may have already settled in the pipe.

Sewer Basin Boundaries

For this study, HFI utilized the City's sewer atlas maps and record drawings as well as the City's GIS database to delineate the basin boundaries. There are a total of five basins developed for this project.

System Analysis

The analysis of the City's existing gravity sewer system was based upon the calculated peak dry weather flows. Separate analyses were run using the existing and ultimate unit flow factors. Analysis was based upon using the greater of the measured flows obtained from the flow meters installed and the latest zoning data obtained from the City. The hydraulic models assume that the City is fully developed. We also reviewed the CCTV'd lines for structural deficiency. The total length of sewer found to be capacity deficient under ultimate conditions or structurally deficient was 37,000 feet. This is approximately 17 percent of the total system.

Maintenance

Currently, there is no official maintenance program for the City's sewer system. All repairs are done by City forces. A comprehensive maintenance program is an important tool in assuring reliable system operation. This not only includes regular inspections and preventative maintenance, but also good record keeping. Accurate records are the backbone of any



EXECUTIVE SUMMARY

maintenance operation. They can be used for many purposes including: scheduling regular maintenance activities; allocating manpower; budgeting; pinpointing persistent problems; tracking equipment performance and maintenance history; and the identification of equipment which may be showing signs of failure. The Sewer Geographic Information System prepared as part of this study can be used for this purpose.

Capital Improvement Program General

The primary goal of the Capital Improvement Program (CIP) is to provide the City of San Fernando with a long range-planning tool for implementing its sewer infrastructure improvements in an orderly manner, and providing a basis for financing of these improvements. To accomplish this goal, the program is phased based upon the implementation cost of the facilities, the quantity of work the City can reasonably administer each year, and the funds available for these projects. The needed capital improvements were identified as a result of assessment of the system through capacity analyses and physical TV inspections.

Capital Improvement Project Priorities

The capital improvement projects were selected primarily with consideration of the health and safety of the public and protection of the environment by minimizing the possibility of overflows. The projects were prioritized based upon the following:

The highest priority has been assigned to the projects that will help alleviate known maintenance problems and line segments that have been shown through CCTV to be hydraulically deficient. The second priority has been assigned to projects identified by hydraulic evaluations and modeling with existing capacity deficiencies.

Capital Improvement Program

The total cost to implement the Sewer Master Plan's (SMP) recommendations is \$10,775,859 These programs have been detailed as part of the Capital Improvement Program (CIP) recommendations in Table 7-1. The total cost of ***\$10,775,859*** is comprised of three components; namely the cost to upsize hydraulically deficient lines (***\$7,573,421***) through hydraulic modeling, the cost to replace structurally deficient lines (***2,422,436***) through CCTV inspection, and to complete City's CCTV inspection, perform an I/I field study & analysis and to implement a Work Order System (***\$780,000***). These cost estimates are based upon recent information for similar projects in the Southern California area, and include contingencies for this planning level study.

The recommended CIP has been based upon the best information currently available. It should be updated as new information becomes available from sources such as CCTV inspections and from maintenance crew observations. The project priorities may be adjusted to take advantage of concurrent construction such as street paving projects or adjacent infrastructure work.



1 – INTRODUCTION

1.0 Introduction

The City of San Fernando is located in Los Angeles County and is bordered by the districts of Sylmar to the north, Lake View Terrace to the east, Pacoima to the south, and Mission Hills to the west. It is served by the Golden State (Interstate 5), Foothill (Interstate 210), Ronald Reagan (State Route 118), and San Diego (Interstate 405) freeways. The City encompasses approximately 2.37 square miles and was incorporated in August 1911.

The Public Works Maintenance Division performs maintenance of the City's sanitary sewer system by scheduled routine cleaning of sewer main lines and manholes. The sewer system is made up of approximately 41.5 miles (219,346 linear feet) of mains and 834 manholes. The City contracts with the City of Los Angeles for sewage treatment and disposal. Since 1985, the City has contracted with the County of Los Angeles for the enforcement of the City's Industrial Waste Program. Industrial waste permit fees cover the cost of this program. The January 2013 City population was documented at 24,079 and the total number of City dwelling units was documented at 6,351.

The City encompasses an area of approximately 1,300 acres. The predominant land use in the City is residential land use at 48% of the total land use and is primarily single family. There is also a blend of commercial land uses distributed across the City with industrial land use primarily located in the northeast. Although the City is almost fully developed, re-development projects are ongoing and planned as part of City Specific Plans. The Corridors Specific Plan (SP-4), which totals approximately 128 acres, is a revitalization of the Maclay Avenue, Truman Street and San Fernando Road corridors.

The City operates its wastewater collection system under the jurisdiction of the Los Angeles Regional Water Quality Control Board, the State Water Resources Control Board, and the U.S. Environmental Protection Agency.

The City contracted with Hall & Foreman to prepare a Municipal Sewer System Master, which is presented herein.

1.1 Objectives of Master Plan

The objectives of the Master Plan are as follows:

- Document City land use, existing and future City re-development projects, and develop a City GIS land use map in order to estimate wastewater generation across the City relating to the various land use types in the City, and then allocate wastewater generation in the City's hydraulic model of their wastewater collection system.
- Document historical City population growth and housing, and document future City population and housing estimates in order to estimate wastewater generation across the City consistent with typical per-capital and per-household wastewater generation.
- The City's sewer system base maps will be reviewed and updated to reflect correct pipe attribute data.



1 – INTRODUCTION

- Through the review of as-built drawings, atlas maps, and other records develop a horizontal and vertical Geographic Information System (GIS) representation of the City's collection system populating the GIS data base with collection system attribute data including sewer diameters, sewer lengths, sewer invert elevations, sewer slopes, sewer construction materials, sewer installation dates, manhole invert elevations, manhole rim elevations, manhole diameters and other connecting collection appurtenances.
- Through the GIS data, characterize the quantities and locations of sewers by diameter, material of construction, and installation year.
- Conduct temporary sewer flow monitoring at four locations in the City for two consecutive weeks in order to characterize average and peak wastewater flows across the City, develop unit wastewater generation by land use types, and on a per-capita basis, and input flows into the City's hydraulic model of their wastewater collection system.
- Document current strategies and methods to rehabilitate sanitary sewer infrastructure components and develop planning-level unit costs for these rehabilitation methods in order develop project costs in the recommended Capital Improvement Program.
- Videotape using closed circuit television (CCTV) approximately 25% of City sewers in order to identify structural and operation and maintenance defects; rate defects; and then incorporate recommended improvements into the Capital Improvement Program.
- Utilize state-of-the-art hydraulic analysis software in conjunction with City sewer system GIS to develop a hydraulic model of the City's sanitary sewer system in order to evaluate hydraulic system performance and identify hydraulic deficiencies.
- Establish sanitary sewer analysis criteria for maximum depth of flow in the pipe, minimum pipe velocity at peak dry-weather flow, minimum pipe slope, and pipe friction factors.
- Based on the hydraulic deficiencies identified, develop hydraulic capacity improvement projects for incorporation into the recommended Capital Improvement Program.
- Conduct the Master Plan work in consideration of SSMP requirements
- Based on project evaluations, investigations, and hydraulic analyses recommend project improvements, develop planning-level project cost estimates, and implement the projects into a scheduled 10-year Capital Improvement Program.

1.2 Definitions and Abbreviations

This section contains definitions and abbreviations commonly used throughout this report.

Infiltration (as defined by USEPA) - the water entering a sewer system and service connections from the ground through such means as, but not limited to, defective pipes, pipe joints, service connections, service laterals, or manhole walls.



1 – INTRODUCTION

Inflow (as defined by USEPA) - the water discharged into a sewer system, including service connections, from such sources as roof leaders; cellar, yard, and area drains; foundation drains; cooling water discharges; drains from springs and swampy areas; manhole covers; cross connections from storm sewers, combined sewers, or catch basins; storm waters; surface runoff; or drainage.

Excessive Infiltration and Inflow (I/I) - the extraneous clean water that enters the sanitary sewer system which can be eliminated on a cost-effective basis.

Minimum Monitored Flow - wastewater flow during dry-weather/low groundwater periods. Includes wastewater flow from water consumption and permanent infiltration.

Base Flow - wastewater flow exclusive of infiltration or inflow. Generally determined from water records during months when most of the water consumption is returned to the wastewater collection system.

Base Flow Peaking Factor - the ratio between peak hourly flow rate and average daily flow.

Permanent Infiltration - the difference between minimum monitored flow (dry-weather/low groundwater) and base flow as determined from water billing records. Assumed to occur 365 days per year.

Peak Infiltration - the maximum extraneous flow that enters the wastewater collection system during high groundwater conditions after the inflow effects of a rain event have ended.

Total Peak Infiltration - the sum of peak infiltration and permanent infiltration.

5-Year/60-Minute Storm - a storm event that produces 0.81 inches of rain per hour and is expected to occur at least once before five years have elapsed.

10-Year/60-Minute Storm - a storm event that produces 1.23 inches of rain per hour and is expected to occur at least once before 10 years have elapsed.

Relief Sewer - a new sewer required to transport projected flows during a design storm event without surcharge.

Design Storm Event - a storm event selected for purposes of analyzing its effect on the wastewater collection system.

Service and Contingency Factor - this factor includes 10 percent for engineering, 20 percent for contingency, and 7 percent for legal, fiscal, and administrative costs. The service and contingency factor is used to convert estimated construction costs to capital costs.

gpd - gallons per day.

gpy - gallons per year.



1 – INTRODUCTION

mgd - million gallons per day.

idm - inch-diameter-miles. The product of sewer pipe diameter in inches and length of sewer in feet divided by 5280 ft.

gpd/idm - gallons per day per inch-diameter-mile.

O&M cost - operation and maintenance cost.

\$/gpd - rehabilitation cost divided by flow rate in gallons per day.



1 – INTRODUCTION

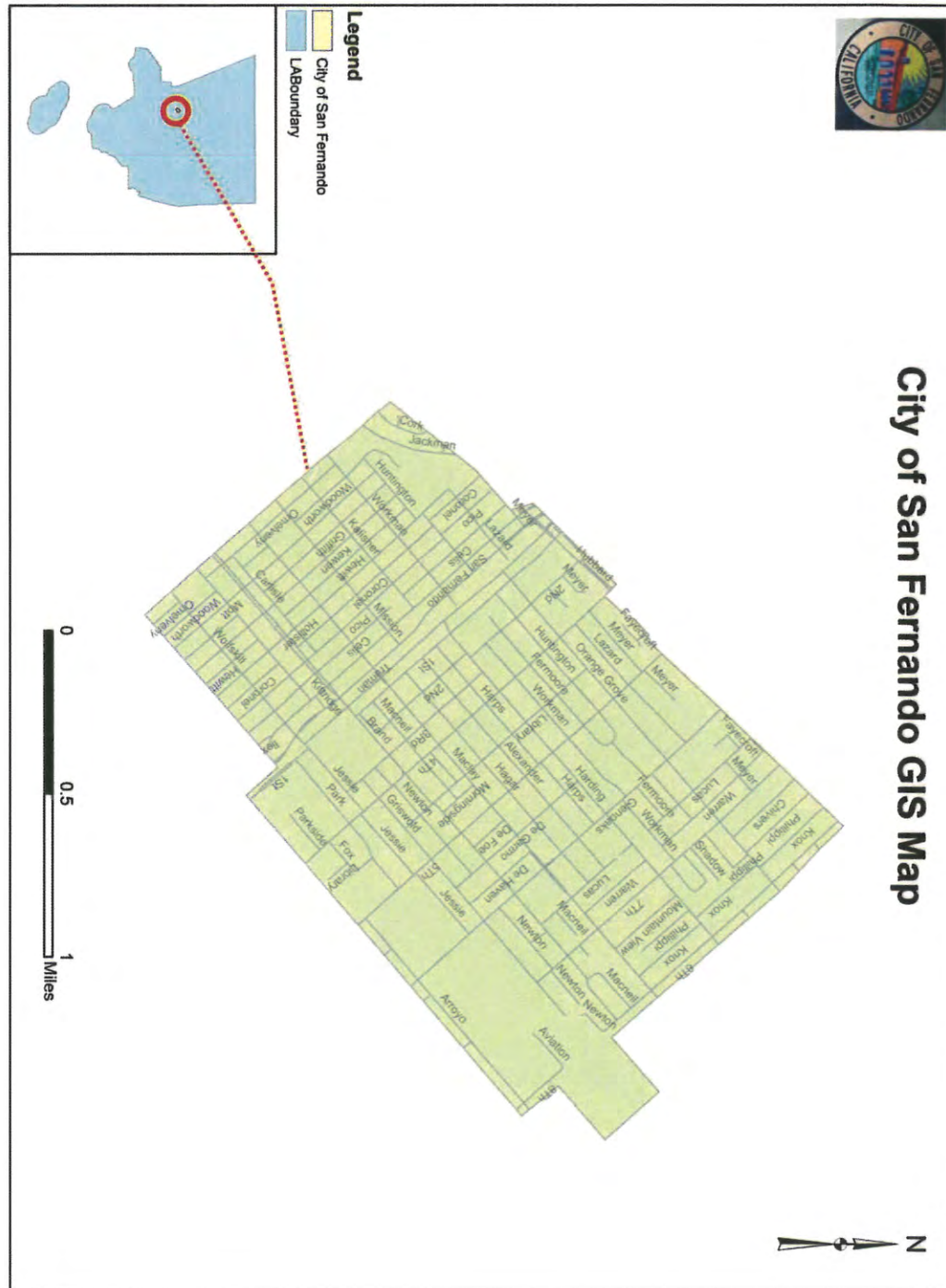


Figure 1 – San Fernando Locational GIS Map



1 – INTRODUCTION

1.3 Project Start-Up Activities

Existing sanitary sewer maps were used for defining sewer tributary areas (basins). City's manhole numbers were used, however, HFI delineated basins for flow monitoring activities and assigned basin numbers accordingly. During the course of the project several manholes that did not have IDs were discovered. These manholes were given manhole number 2000 and higher.

The sanitary sewer manhole numbering system used by HFI, Inc. includes the basin number and a manhole identification number (ID). The initial basin boundaries were determined by review of sewer maps and determining the outfalls for each basin. The outfall locations were later confirmed by field inspection during the flow meter installation. All manholes on an Atlas Sheet were numbered consecutively. The next three characters in the manhole number identify the specific manhole on the atlas sheet. The combination of basin numbers and manhole ID uniquely identify each manhole in the sewer system. During the master plan project, the study area was divided into five basins. Each manhole number was preceded by the corresponding basin number.

1.4 System Review, Research, & Database Design

In this phase HFI performed a comprehensive research of all available documents related to this project. We gathered all related map sheets, as-builts, and plan and profiles for the City's sewer system. However, the City only had about 1/3 of its sewer as-builts. HFI used City's atlas maps in conjunction with the City's as-builts to digitize the sewer lines and build the GIS database attributes.

1.5 Database / Data Dictionary Design

The database dictionary or a schema serves two important purposes. First it identifies all features and their associated attributes for data extraction. Second it identifies the source documents from which, information for the features and attributes should be extracted from. For this project, most of the attributes were extracted from the City's existing as-built drawings and gaps were filled in using City's atlas maps. To develop the hydraulic model, several attributes including line segment diameter, length, material as well as manhole invert elevations and ground elevation data were needed. In addition to these attributes additional attributes were built into the final database design. The database design also includes the design for Arcview themes for the GIS system.

1.6 Scanning of Existing Sewer Atlas Sheets

This was one of the first tasks completed in order to build the sewer network. City scanned all of its as-builts and has made the files available to HFI. HFI has linked all available as-builts geographically to the appropriate digitized sewer lines. In this manner a scanned image of the as-built drawings opens every time the user clicks on the desired line segment. The City now has a comprehensive spatial database of all of its original drawing that can be accessed utilizing its GIS system.



1 – INTRODUCTION

1.7 Development of GIS Sewer Map and Sewer Database

Utilizing the documents mentioned herein, HFI digitized all sanitary sewer line segments within the City's boundary. We also digitized some of the neighboring system's sanitary sewer system including a portion of the unincorporated areas surrounding the City. This was done to account for the neighboring systems' flow contribution to the City's system. Map sheets were edge matched such that common lines and arcs between adjacent polygons exactly coincide without overlaps. Also, lines between adjacent sheets were matched to coincide at the endpoints. Once the digitizing task was completed HFI technicians started the work on data extraction and data entry of the needed attributes for the GIS database. These attributes were extracted based on the database design described earlier. Next, HFI proceeded with populating the database with sewer attribute features.



2 – LAND USE, POPULATION

2.0 City Land Use

There are 1,314 acres of land inside the City boundaries. City land use presented herein is based on the City's current General Plan and zoning map. As shown in Table 2-1 and on Figure 2-1, Based the predominant land use in the City is residential land use at 67% of the total land use (874 acres) including single family (R1), multi-family dwelling (R2), and multi-family (R3). Of the residential land use categories, low density residential (R1) is predominant at 73% of the total residential land use.

Most of the R2 residential is located in the southern portion of the City, south of Celis Street. Most of the R3 residential is located between First Street and Fourth Street; in the south central area of the City.

There are 65 acres of commercial land use distributed across the City. Most of the Limited Commercial land use is intermixed with the R3 residential south of Celis Street. Industrial land uses total 190 acres with most located in the northeast. Industrial land use is also located on the south side of First St. east of Maclay Ave. Approximately 161 acres is land that will be re-developed in the future as part of City Specific Plans or other planned development.

2.1 Future Redevelopment

The City has identified four specific plans to redevelop parts of the City:

2.1.1 Corridors Specific Plan (SP-4)

The Corridors Specific Plan (SP-4), which totals approximately 128 acres, is a revitalization of the Maclay Avenue, Truman Street and San Fernando Road corridors. SP-4 encompasses the full lengths of Truman Street and San Fernando Road within the City, from the eastern boundary with Pacoima to the western boundary with Sylmar. The project boundaries include the entire public rights-of-way as well as parcels located to the north and south of these roads. On Maclay Avenue, the plan area includes the entire public right-of-way and all its fronting properties from San Fernando Road to Eighth Street at the city's northern border with Sylmar.

Along the entire length of Maclay Avenue the zoning prior to the adoption of this plan was "General Commercial". However, this corridor contains a wide range of land uses including single- and multi-family homes, retail, office, and civic institutions such as libraries, churches, and public schools. Implementation of SP-4 will enable new corridor-oriented home sites for City residents along Maclay Avenue. New shops and services will compliment new residential development with locally-serving clusters of retail and services developed.

The Downtown District along Maclay Avenue, between First Street and Fourth Street, contains most of the City's primary destinations: the shopping district along Maclay Avenue, the adjacent Civic Center, and the San Fernando Mall. This area will be revitalized with new investment in the form of retail shops, restaurants and cafes. Complimentary uses like offices and homes will occupy the upper stories of many of the new commercial buildings.



2 – LAND USE, POPULATION

Table 2-1. City Land Use

Land Use Category	Acres	% Total Land Use
<u>Residential</u>		
R1 - Single Family Residential	633.6	48.2%
R2 - Multiple Family Dwelling	135.5	10.3%
R3 - Multiple Family	105.0	8.0%
Subtotal	874.1	66.5%
<u>Commercial</u>		
C1 - Limited Commercial	33.1	2.5%
C2 - Commercial	18.9	1.4%
SC - Service Commercial	12.9	1.0%
Subtotal	64.9	4.9%
<u>Industrial</u>		
M1- Limited Industrial	91.4	7.0%
M2 - Light Industrial	98.6	7.5%
Subtotal	190.0	14.5%
<u>Other</u>		
School		0.0%
Park		0.0%
Pacoima Wash	24.1	1.8%
Subtotal	24.1	1.8%
<u>Specific Plans/Planned Development</u>		
SP-1	1.0	0.1%
SP-2	0.9	0.1%
SP-3	2.8	0.2%
SP-4 Corridors Specific Plan	127.5	9.7%
Residential Planned Develop. (RPD)	9.1	0.7%
Precise Development Overlay (PD)	19.5	1.5%
Subtotal	160.8	12.2%
Total	1,313.9	100%

The previous zoning for San Fernando Road was “Commercial” (C-2) to the west; “Limited Commercial” in the vicinity of San Fernando Mall; and “Service Commercial” east of the mall. Truman Street west of San Fernando Mission Boulevard was zoned “Light Industrial” prior to the adoption of this specific plan; “Commercial” between Workman Street and Maclay Avenue; and was also zoned “Commercial” east of Maclay Avenue.



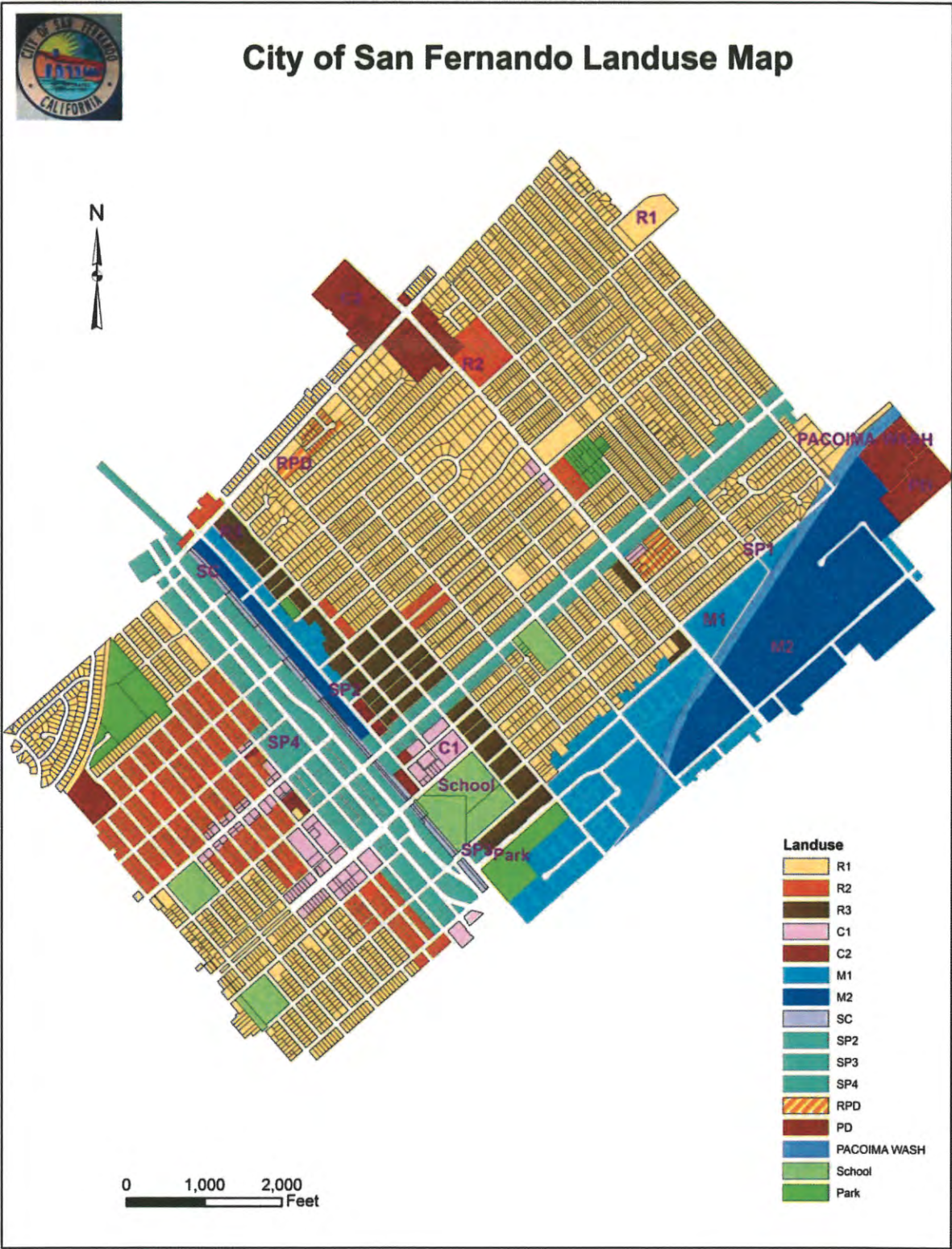
2 – LAND USE, POPULATION

With the implementation of SP-4, new residences, businesses and services will infill undeveloped areas along Truman Street and San Fernando Road and new mixed-use development will inter-mix residences with shops and services to the east and south of the Downtown District.



2 – LAND USE, POPULATION

Figure 2-1 - Land Use Map





2 – LAND USE, POPULATION

2.1.2 Other Specific Plans

SP-1 and SP-2, both approximately 1-acre in size, are planned for re-development with a mix of new residential and commercial (mixed-use). SP-1 is located in the northeast at the intersection of Seventh Street and Griswold Avenue and SP-2 is located off of First Street just west of City Hall. SP-3 is a 2.8 acre site located between the San Fernando Middle School and San Fernando Recreation Park that is planned for senior residential housing.

2.2 City Population and Housing Characteristics

Historical population and housing was obtained from census data and from State Department of Finance data. As shown in Table 2-2 and on Figure 2-2, the City's population increased from 22,580 in 1990 to 23,560 in 2000, which was an average annual increase of 0.43%. The population grew at a lesser annual rate of 0.03% between 2000 and 2010 as the City approached full development. The City's population was 24,079 as of January 2013.

Housing grew at an annual rate of 0.25% between 1990 and 2000, but grew at a higher rate of 0.57% between 2000 and 2010. There were 6,351 dwelling units in the City as of January 2013. The number of vacant dwelling units increased from 159 in 2000 (2.68% vacancy) to 327 (5.15% vacancy) in 2013. The number of people per occupied dwelling unit (population density) has remained relatively constant at approximately 4.0 since 1990.

Projected population and housing for the City in 5-year increments through 2035 was provided by the Southern California Association of Governments (SCAG) 2012 Regional Transportation Plan Growth Forecast.

As shown in Table 2-2 and on Figure 2-2, the City's population is projected to increase to 25,500 by the year 2035, which is an average annual increase of 0.28% and a total increase of 5.9% relative to January 2013. New housing is projected to increase by 3.9% to 6,600 dwelling units in 2025. Assuming that vacancy will remain at 5.15%, the City's population density would be approximately 4.1 people per occupied dwelling unit through the year 2035.

2.3 Sanitary Sewer Characteristics

Hall & Foreman, Inc. analyzed approximately 43 miles of sewers in and tributary to the City's sanitary sewer collection system with sewer pipe sizes varying in diameter from 4 inches to 24 inches as shown in Table 2-3. The City's collection system is shown on Figure 2-3. Most of the City sewers are 8 inches in diameter (78%) and are made of vitrified clay pipe (VCP) material (97%). There are approximately 834 manholes in the City's collection system. The newer manholes are made of concrete, with the older manholes constructed of brick.

All flow from the City's sewer system discharges to the County Sanitation Districts of Los Angeles County (County) sewer system at Wolfskill St. and Amboy Street on Figure 2-3.

City sewers still in operation date back to the 1920s. However, most of the system was constructed in the 1950s when the City had its largest growth period.



2 – LAND USE, POPULATION

Table 2-2. Historical and Projected City Population and Housing (1990 - 2035)

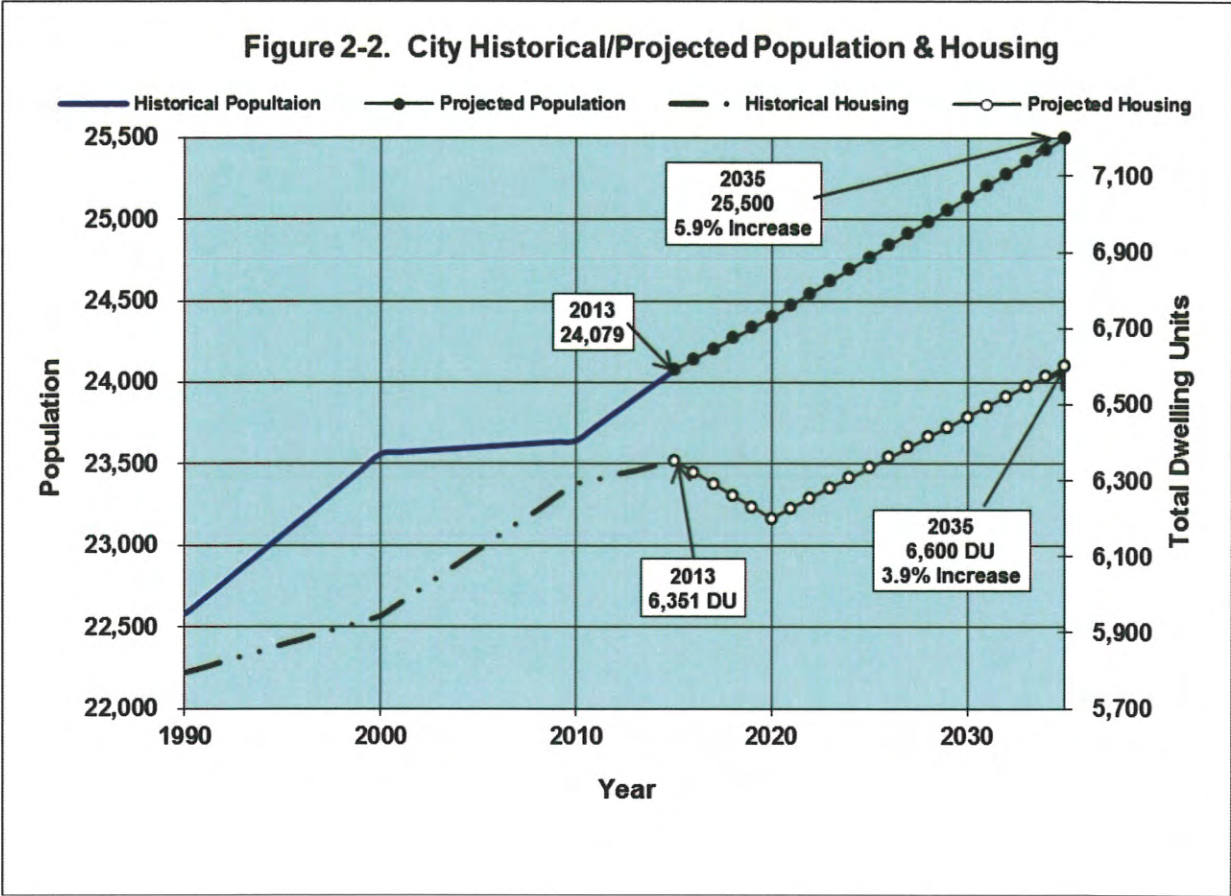
	Historical City Population and Housing				Projected ^(a)			
	1990	2000	2010	2013	2020	2025	2030	2035
Population	22,580	23,564	23,645	24,079	24,400	24,767	25,133	25,500
Annual % Increase	-	0.43%	0.03%	0.46%	0.22%	0.30%	0.29%	0.29%
Total Dwelling Units	5,794	5,943	6,291	6,351	6,200	6,333	6,467	6,600
Annual % Increase	-	0.25%	0.57%	0.24%	-0.40%	0.43%	0.42%	0.41%
Vacant Dwelling Units	161	159	324	327	319	326	333	340
% Vacant^(b)	2.78%	2.68%	5.15%	5.15%	5.15%	5.15%	5.15%	5.15%
Population/Occ. DU	4.01	4.07	3.96	4.00	4.15	4.12	4.10	4.07

a) From Southern California Association of Governments, 2012 Regional Transportation Plan Growth Forecast.

b) Vacant dwelling units for 2020 - 2035 assumed equal to 5.15% consistent with 2010-2013 vacancy %.



2 – LAND USE, POPULATION





2 – LAND USE, POPULATION

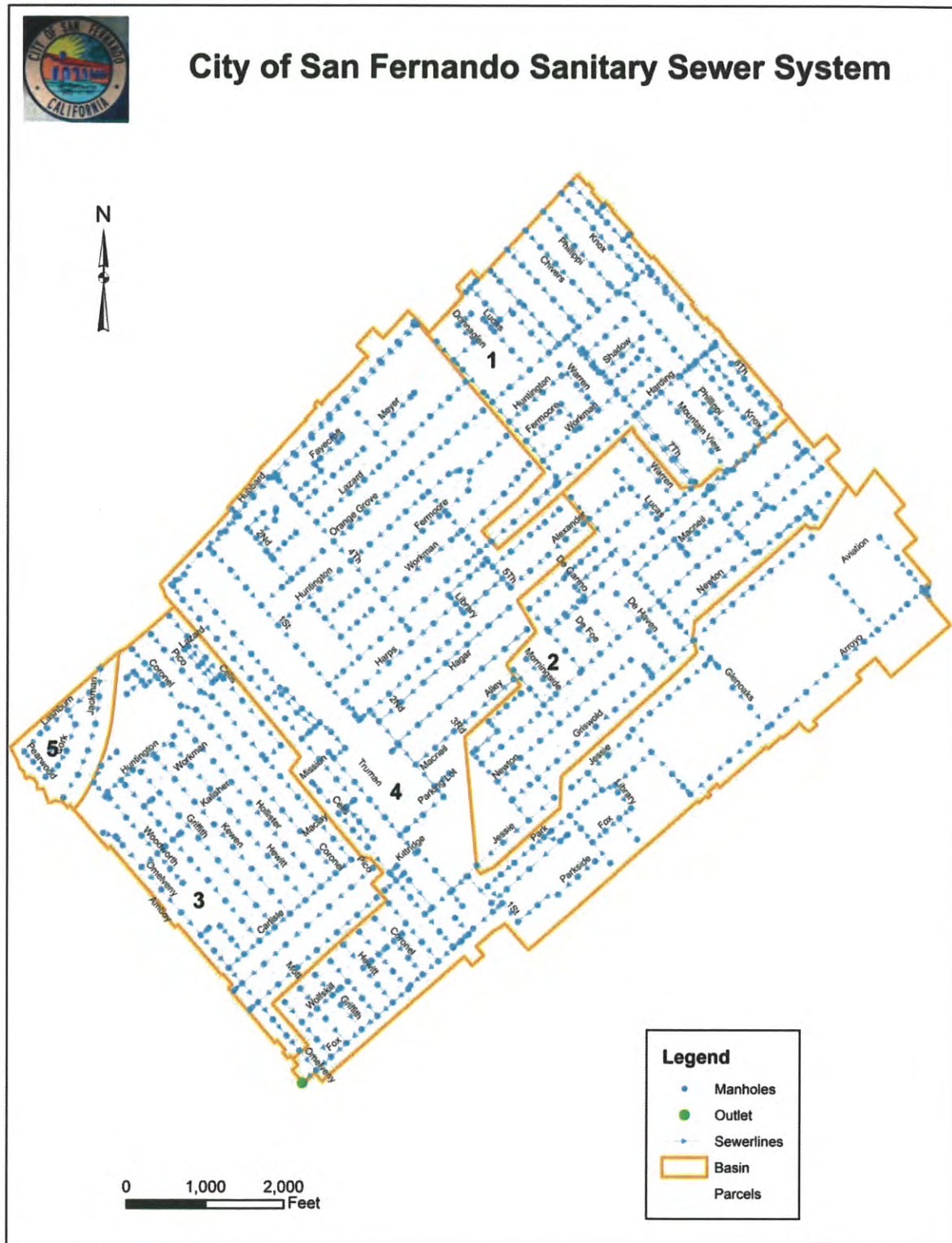
Table 2-3. Sewer Diameters and Lengths

Sewer Diameter (in)	Length (ft)	Length (mi)	% Total Sewer Length
4	1,215	0.2	0.5%
6	481	0.1	0.2%
8	175,827	33.3	78.2%
10	14,023	2.7	6.2%
12	8,521	1.6	3.8%
15	16,978	3.2	7.6%
18	6,944	1.3	3.1%
24	863	0.2	0.4%
Total	224,852	42.6	100.0%



2 – LAND USE, POPULATION

Figure 2-3 - Sanitary Sewer System





3 – FLOW MONITORING

3.0 Project Flow Monitoring

Temporary sewer flow monitoring was conducted at 4 locations to meter wastewater flows in the City for 23 consecutive days from November 13, 2013 through December 5, 2013. The metering site locations as well as the area or zone metered by each flow meter (meter basin) is shown on Figure 3-1.

Hourly flow data for each metering site for the 23-day flow monitoring period is included in the Appendix. The flow monitoring period included Thanksgiving week from November 25th through December 1st with Thanksgiving day occurring on November 28th. As would be expected, the wastewater peak flow on Thanksgiving was higher than normal and the flows for the week were atypical of normal wastewater flows in the City as evidenced by the other flow monitoring data collected during the monitoring period. The data for this week was not used to develop typical diurnal wastewater flow in the City.

Rainfall did not occur on 21 of the 23 days of project flow monitoring. Light Rain occurred on two consecutive days, November 21st and 22nd, with the rain totaling approximately 0.5 inches each day. The low rainfall had little to no impact on normal dry-weather wastewater flows. However, these two days were not used to develop typical dry-weather diurnal wastewater flow in the City. Without significant rainfall, only dry-weather flows were measured and evaluated in the hydraulic model (Chapter 6). Peak wet-weather flows are accounted for by designing sewers to carry peak-dry weather flows at maximum sewer flow depth over diameter (d/D) ratios. The remainder of the pipe flow area is reserved to carry wet weather flow on top of peak dry-weather flow.

In the future, the City should set up meters during higher rainfall months such as January and February in hopes of metering wet-weather flows from significant storms, with this data then used to hydraulically model wet-weather flows in the sewer system.

Other than Thanksgiving week and the two rain days, week-day flows were used to develop 24-hour flow patterns, average flows, peak flows, and peaking factors (the ratio of peak flow over average flow) for the four meter basins. Week-day flows provide definitive diurnal flows and peak flow times that typically occur at approximately 8:00 am and 9:00 pm each week day. Week end flows and peaking times are typically more variable and peak flows are typically less than more defined peak flows during the week.

For this monitoring period, the four week end days evaluated actually had peaking factors similar to the week day peaking factors, but a larger sample of week end days would most likely show a smaller peaking factor. Although only week day flows will be evaluated in the model, the peaking factor used in the analysis (1.5) will also be reflective of the peaking factors recorded on the four weekend days.

Nine week days during the monitoring period were used to develop characteristic flow data used for analysis. This data is shown in Tables 3-1, 3-2, 3-3, and 3-4 for Metered Basins 1, 2, 3 and 4, respectively.



SEWER SYSTEM MASTER PLAN
FINAL REPORT

3 – FLOW MONITORING

Table 3-1. Meter Basin No. 1 Hourly Flows (mgd)

	14-Nov	15-Nov	18-Nov	19-Nov	20-Nov	2-Dec	3-Dec	4-Dec	5-Dec	
	Thu	Fri	Mon	Tue	Wed	Mon	Tue	Wed	Thu	Average
1 am	0.36	0.37	0.33	0.39	0.39	0.35	0.41	0.40	0.38	0.37
2 am	0.23	0.23	0.21	0.27	0.28	0.26	0.27	0.25	0.25	0.25
3 am	0.20	0.19	0.19	0.21	0.26	0.23	0.23	0.21	0.22	0.22
4 am	0.21	0.19	0.19	0.21	0.21	0.23	0.25	0.21	0.23	0.21
5 am	0.28	0.29	0.21	0.30	0.31	0.30	0.29	0.26	0.30	0.28
6 am	0.50	0.47	0.48	0.52	0.50	0.50	0.50	0.52	0.50	0.50
7 am	0.69	0.68	0.67	0.72	0.68	0.65	0.61	0.68	0.64	0.67
8 am	0.84	0.83	0.82	0.88	0.81	0.83	0.84	0.83	0.82	0.83
9 am	0.62	0.59	0.62	0.65	0.63	0.70	0.68	0.61	0.66	0.64
10 am	0.58	0.60	0.59	0.63	0.64	0.69	0.50	0.59	0.63	0.61
11 am	0.58	0.63	0.64	0.62	0.63	0.64	0.28	0.58	0.65	0.58
12 pm	0.59	0.61	0.62	0.62	0.61	0.64	0.22	0.59	0.63	0.57
1 pm	0.59	0.61	0.62	0.63	0.61	0.60	0.44	0.58	0.62	0.59
2 pm	0.53	0.59	0.60	0.60	0.59	0.59	0.43	0.59	0.60	0.57
3 pm	0.54	0.54	0.59	0.62	0.57	0.56	0.43	0.53	0.58	0.55
4 pm	0.51	0.57	0.58	0.61	0.58	0.56	0.59	0.56	0.57	0.57
5 pm	0.50	0.58	0.59	0.63	0.57	0.56	0.59	0.56	0.62	0.58
6 pm	0.58	0.63	0.66	0.71	0.65	0.59	0.60	0.61	0.63	0.63
7 pm	0.65	0.64	0.72	0.77	0.71	0.58	0.82	0.66	0.69	0.69
8 pm	0.71	0.63	0.79	0.83	0.81	0.69	0.79	0.75	0.71	0.74
9 pm	0.76	0.59	0.77	0.83	0.86	0.72	0.81	0.83	0.70	0.77
10 pm	0.74	0.58	0.72	0.80	0.80	0.69	0.78	0.78	0.70	0.73
11 pm	0.64	0.52	0.63	0.61	0.67	0.62	0.67	0.63	0.62	0.62
12 am	0.48	0.45	0.48	0.48	0.54	0.52	0.52	0.51	0.48	0.50
Avg	0.54	0.53	0.56	0.59	0.58	0.55	0.52	0.55	0.56	0.55
Peak	0.84	0.83	0.82	0.88	0.86	0.83	0.84	0.83	0.82	0.83
PF	1.56	1.57	1.48	1.49	1.48	1.50	1.61	1.50	1.47	1.51

Daily Peak Flow

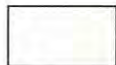


**SEWER SYSTEM MASTER PLAN
FINAL REPORT**

3 – FLOW MONITORING

Table 3-2. Meter Basin No. 2 Hourly Flows (mgd)

	14-Nov	15-Nov	18-Nov	19-Nov	20-Nov	2-Dec	3-Dec	4-Dec	5-Dec	
	Thu	Fri	Mon	Tue	Wed	Mon	Tue	Wed	Thu	Average
1 am	0.21	0.20	0.19	0.20	0.20	0.21	0.19	0.20	0.19	0.20
2 am	0.15	0.13	0.15	0.15	0.15	0.17	0.16	0.16	0.16	0.15
3 am	0.13	0.13	0.11	0.14	0.12	0.16	0.13	0.15	0.15	0.13
4 am	0.13	0.13	0.11	0.13	0.11	0.15	0.11	0.15	0.12	0.13
5 am	0.15	0.16	0.13	0.15	0.13	0.17	0.13	0.16	0.16	0.15
6 am	0.24	0.23	0.22	0.23	0.22	0.21	0.22	0.23	0.23	0.23
7 am	0.40	0.37	0.34	0.36	0.35	0.33	0.34	0.36	0.35	0.36
8 am	0.55	0.47	0.47	0.46	0.46	0.45	0.44	0.45	0.47	0.47
9 am	0.42	0.38	0.40	0.36	0.35	0.38	0.39	0.38	0.39	0.38
10 am	0.39	0.38	0.40	0.37	0.34	0.40	0.39	0.36	0.36	0.38
11 am	0.36	0.40	0.41	0.40	0.37	0.40	0.36	0.36	0.37	0.38
12 pm	0.40	0.39	0.42	0.40	0.36	0.42	0.36	0.34	0.36	0.38
1 pm	0.38	0.36	0.40	0.37	0.39	0.39	0.37	0.36	0.35	0.37
2 pm	0.36	0.38	0.38	0.35	0.37	0.38	0.34	0.37	0.38	0.37
3 pm	0.35	0.33	0.37	0.37	0.33	0.39	0.31	0.35	0.36	0.35
4 pm	0.33	0.34	0.37	0.40	0.31	0.38	0.36	0.34	0.32	0.35
5 pm	0.39	0.39	0.36	0.39	0.36	0.38	0.38	0.35	0.35	0.37
6 pm	0.39	0.41	0.40	0.44	0.39	0.43	0.39	0.39	0.39	0.40
7 pm	0.43	0.43	0.44	0.46	0.40	0.46	0.42	0.40	0.41	0.43
8 pm	0.46	0.37	0.48	0.46	0.42	0.44	0.42	0.46	0.45	0.44
9 pm	0.49	0.38	0.47	0.46	0.43	0.47	0.44	0.46	0.49	0.46
10 pm	0.44	0.35	0.44	0.44	0.41	0.44	0.42	0.44	0.46	0.43
11 pm	0.36	0.29	0.38	0.33	0.36	0.37	0.36	0.38	0.37	0.36
12 am	0.24	0.23	0.25	0.25	0.27	0.26	0.25	0.26	0.28	0.25
Avg	0.34	0.32	0.34	0.34	0.32	0.34	0.32	0.33	0.33	0.33
Peak	0.55	0.47	0.48	0.46	0.46	0.47	0.44	0.46	0.49	0.47
PF	1.60	1.48	1.43	1.38	1.46	1.38	1.38	1.42	1.50	1.42



Daily Peak Flow



SEWER SYSTEM MASTER PLAN
FINAL REPORT

3 – FLOW MONITORING

Table 3-3. Meter Basin No. 3 Hourly Flows (mgd)

	13-Nov	14-Nov	15-Nov	18-Nov	19-Nov	20-Nov	2-Dec	3-Dec	4-Dec	5-Dec	
	Wed	Thu	Fri	Mon	Tue	Wed	Mon	Tue	Wed	Thu	Average
1 am	0.14	0.17	0.18	0.15	0.15	0.16	0.16	0.19	0.16	0.14	0.16
2 am	0.11	0.09	0.11	0.10	0.11	0.12	0.12	0.12	0.12	0.09	0.11
3 am	0.08	0.09	0.10	0.10	0.10	0.11	0.10	0.09	0.10	0.09	0.10
4 am	0.05	0.07	0.08	0.08	0.09	0.08	0.09	0.07	0.09	0.07	0.08
5 am	0.07	0.08	0.10	0.09	0.11	0.09	0.09	0.09	0.10	0.08	0.09
6 am	0.17	0.18	0.20	0.16	0.21	0.19	0.19	0.18	0.17	0.14	0.18
7 am	0.29	0.33	0.33	0.33	0.32	0.33	0.29	0.28	0.27	0.27	0.30
8 am	0.41	0.42	0.46	0.42	0.42	0.43	0.35	0.37	0.34	0.37	0.40
9 am	0.29	0.32	0.30	0.34	0.36	0.34	0.29	0.29	0.29	0.31	0.31
10 am	0.30	0.35	0.37	0.37	0.35	0.34	0.29	0.29	0.29	0.31	0.32
11 am	0.32	0.34	0.36	0.38	0.36	0.35	0.32	0.31	0.33	0.32	0.34
12 pm	0.31	0.33	0.37	0.43	0.35	0.36	0.30	0.31	0.32	0.33	0.34
1 pm	0.31	0.36	0.41	0.40	0.37	0.37	0.37	0.33	0.34	0.32	0.36
2 pm	0.29	0.30	0.33	0.37	0.34	0.35	0.31	0.32	0.31	0.34	0.33
3 pm	0.33	0.29	0.34	0.36	0.34	0.35	0.29	0.29	0.29	0.31	0.32
4 pm	0.28	0.27	0.31	0.36	0.35	0.34	0.27	0.32	0.29	0.29	0.31
5 pm	0.28	0.34	0.33	0.35	0.32	0.35	0.28	0.31	0.31	0.30	0.32
6 pm	0.34	0.40	0.33	0.34	0.35	0.37	0.31	0.35	0.30	0.31	0.34
7 pm	0.34	0.42	0.37	0.39	0.37	0.35	0.32	0.34	0.33	0.39	0.36
8 pm	0.35	0.38	0.34	0.39	0.38	0.38	0.37	0.36	0.33	0.36	0.36
9 pm	0.40	0.41	0.34	0.37	0.38	0.36	0.32	0.35	0.35	0.34	0.36
10 pm	0.38	0.41	0.31	0.38	0.36	0.37	0.32	0.35	0.36	0.32	0.36
11 pm	0.30	0.32	0.29	0.30	0.33	0.34	0.27	0.27	0.31	0.29	0.30
12 am	0.24	0.27	0.28	0.24	0.24	0.30	0.24	0.24	0.23	0.23	0.25
Avg	0.27	0.29	0.29	0.30	0.29	0.30	0.26	0.27	0.26	0.26	0.28
Peak	0.41	0.42	0.46	0.43	0.42	0.43	0.37	0.37	0.36	0.39	0.40
PF	1.54	1.46	1.60	1.42	1.42	1.45	1.42	1.38	1.38	1.49	1.43

Daily Peak Flow



**SEWER SYSTEM MASTER PLAN
FINAL REPORT**

3 – FLOW MONITORING

Table 3-4. Meter Basin No. 4 Hourly Flows (mgd)

	13-Nov	14-Nov	15-Nov	18-Nov	19-Nov	20-Nov	2-Dec	3-Dec	4-Dec	Average
	Wed	Thu	Fri	Mon	Tue	Wed	Mon	Tue	Wed	
1 am	1.32	1.41	1.47	1.48	1.53	1.57	1.64	1.61	1.63	1.52
2 am	1.18	1.25	1.29	1.16	1.41	1.50	1.24	1.32	1.34	1.30
3 am	1.06	0.91	1.01	0.92	1.19	1.27	1.08	1.09	1.10	1.07
4 am	1.01	0.95	1.02	0.91	1.10	1.23	1.02	1.01	1.08	1.04
5 am	1.17	1.20	1.27	0.93	1.20	1.34	1.03	0.98	1.13	1.14
6 am	1.65	1.53	1.54	1.28	1.63	1.71	1.37	1.59	1.32	1.51
7 am	2.24	2.11	2.00	2.05	2.18	2.10	1.83	1.92	2.16	2.07
8 am	2.45	2.36	2.37	2.78	2.86	2.59	2.79	2.76	2.70	2.63
9 am	2.34	2.17	2.08	2.50	2.44	2.22	2.40	2.40	2.40	2.33
10 am	2.28	2.19	2.09	2.52	2.42	2.10	2.43	2.41	2.21	2.29
11 am	2.28	2.09	2.15	2.42	2.39	2.23	2.67	2.47	2.28	2.33
12 pm	2.38	2.08	2.22	2.51	2.49	2.35	2.67	2.42	2.29	2.38
1 pm	2.31	2.14	2.15	2.48	2.40	2.29	2.55	2.48	2.33	2.35
2 pm	2.26	2.15	2.24	2.32	2.34	2.30	2.55	2.46	2.38	2.33
3 pm	2.29	2.06	2.22	2.34	2.32	2.27	2.52	2.35	2.33	2.30
4 pm	2.25	2.03	2.22	2.27	2.44	2.20	2.54	2.34	2.29	2.29
5 pm	2.36	2.07	2.29	2.29	2.49	2.30	2.63	2.49	2.39	2.37
6 pm	2.32	2.09	2.33	2.34	2.41	2.42	2.65	2.43	2.46	2.39
7 pm	2.24	2.26	2.34	2.45	2.46	2.41	2.68	2.59	2.69	2.46
8 pm	2.27	2.35	2.25	2.51	2.52	2.50	2.67	2.63	2.74	2.49
9 pm	2.37	2.29	2.15	2.69	2.42	2.48	2.82	2.68	2.82	2.52
10 pm	2.31	2.24	2.18	2.51	2.53	2.53	2.74	2.64	2.78	2.50
11 pm	2.21	2.15	2.05	2.28	2.22	2.33	2.49	2.38	2.40	2.28
12 am	1.94	1.85	1.85	1.91	1.89	2.01	1.83	1.81	1.77	1.87
Avg	2.02	1.91	1.95	2.08	2.14	2.09	2.20	2.14	2.13	2.07
Peak	2.45	2.36	2.37	2.78	2.86	2.59	2.82	2.76	2.82	2.63
PF	1.21	1.24	1.21	1.34	1.34	1.24	1.28	1.29	1.32	1.27



Daily Peak Flow



3 – FLOW MONITORING

Figure 3-2. Meter Basin No. 1 Average Hourly Flows

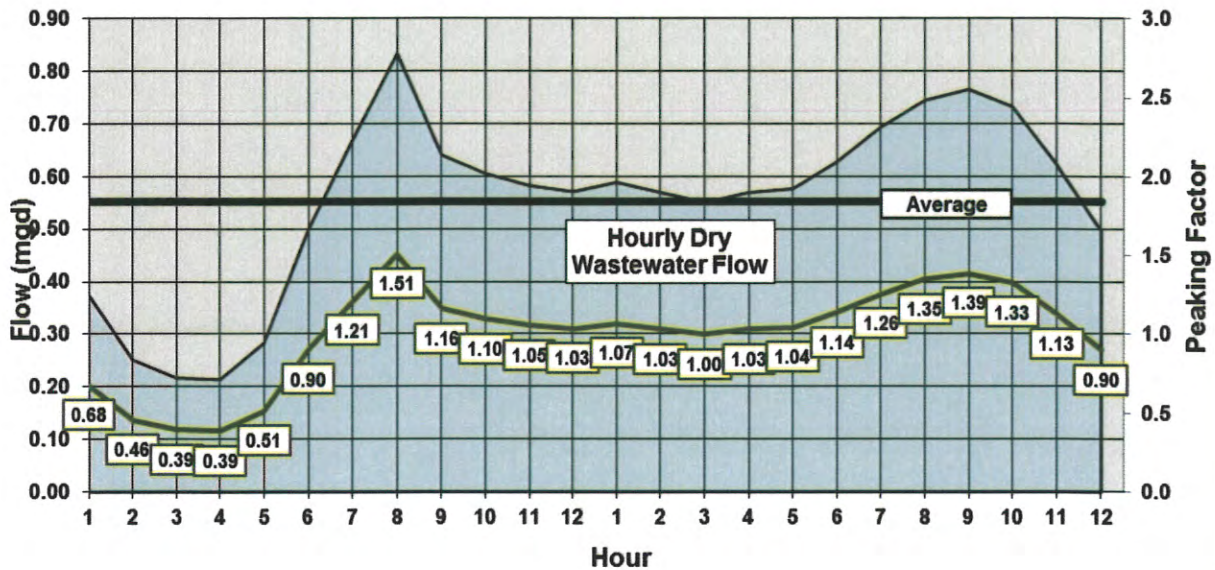
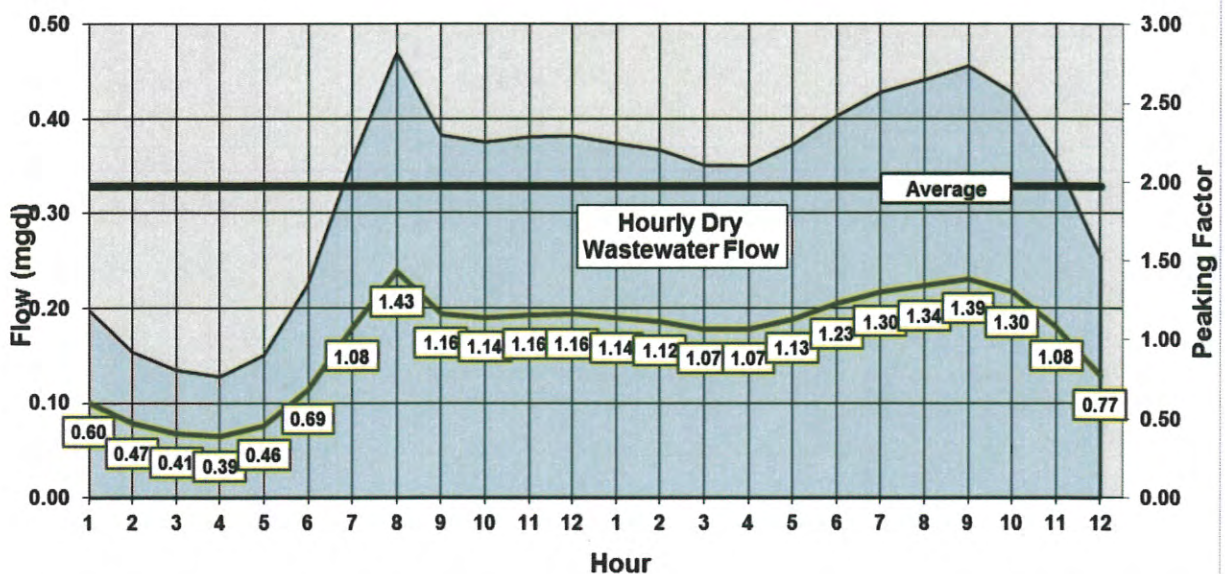


Figure 3-3. Meter Basin No. 2 Average Hourly Flows





3 – FLOW MONITORING

Figure 3-4. Meter Basin No. 3 Average Hourly Flows

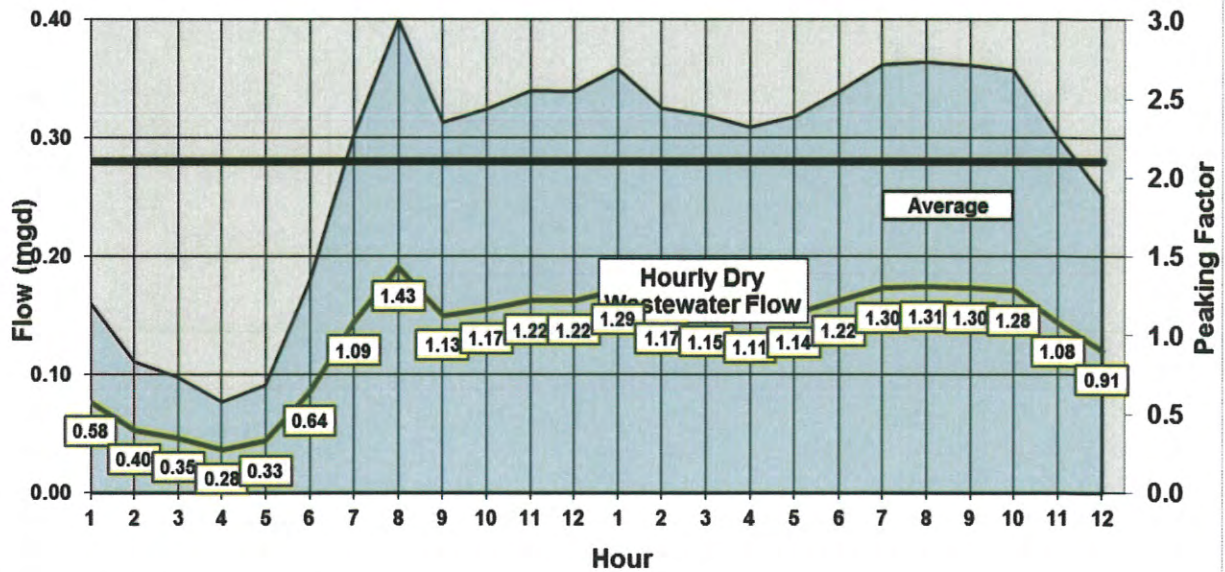
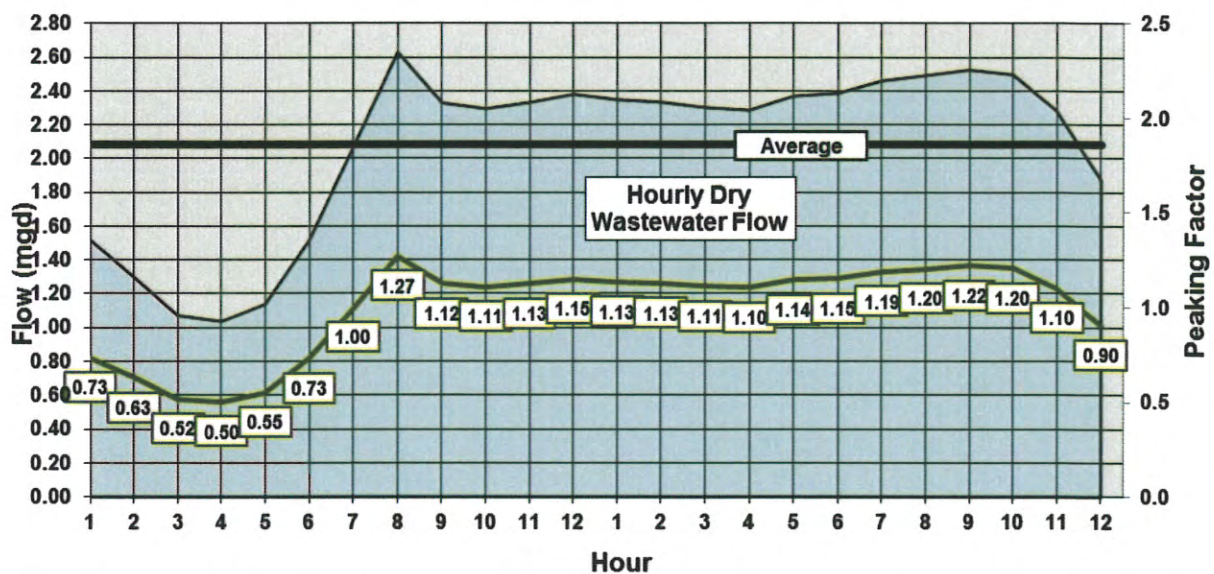


Figure 3-5. Meter Basin No. 4 Average Hourly Flows





3 – FLOW MONITORING

Flow patterns and peaking factors in a meter basin is defined by the land use within the basin. Table 3-5 shows the land use in each of the four meter basins.

3.01 Meter Basin 1

Meter Basin 1 is located in the northwest corner of the City and totals 557 acres of which 90% is residential land use. As such, the flow monitoring data is indicative of residential flow patterns and peaking factors. As shown in Table 3-1 and on Figure 3-2, the flows consistently peaked at 8:00 a.m. (1.51 peaking factor) with a second peak occurring at 9:00 pm (1.39 peaking factor), which is typical for residential wastewater flow. The basin is an upstream basin with no basins flowing into it.

3.02 Meter Basin 2

Meter Basin 1 is located in the north central portion of the City and totals 229 acres of which 83% is residential land use. As such, the flow monitoring data is also indicative of residential flow patterns and peaking factors. As shown in Table 3-2 and on Figure 3-3, the flows consistently peaked at 8:00 a.m. (1.43 peaking factor) with a second peak occurring at 9:00 pm (1.39 peaking factor). The basin is an upstream basin with no basins flowing into it.

3.03 Meter Basin 3

Meter Basin 3 is located in the southern end of the City and totals 191 acres of which 77% is residential land use. As such, the flow monitoring data is also indicative of residential flow patterns and peaking factors. However, there are 25 acres of commercial land use (13%). As shown in Table 3-3 and on Figure 3-4, the flows consistently peaked at 8:00 a.m. (1.43 peaking factor), but the second peak was flatter, occurring between 7:00 pm at 10:00 pm (approximately 1.30 peaking factor), and the flows were slightly higher in the middle of the day. This is due to the commercial land use in the basin, which has higher flows in the middle of the day (during normal work hours) without defined peaks in the morning and the evening. The basin also has no basins flowing into it.

3.03 Meter Basin 4

Meter Basin 4 is the largest meter basin and is a downstream receiving basin that has upstream basins 1 and 2 flowing into it. The flows metered consist of flows from Meter Basins 1 and 2 as well as flows from Meter Basin 4. Meter Basin 4 covers the northwest corner of the City, which is primarily industrial land use; the central portion of the City, which includes City Hall and other public land uses as well as high-density multiple family residential land use and a portion of the Corridors Specific Plan; and the southwest corner of the City, which is primarily residential land use.

Approximately 58% of the land use in Meter Basin 4 is residential (380 acres), but there is a large amount of industrial land use in the northwest that totals 190 acres (29%) and also 30 acres of commercial land use. Like commercial, Industrial land (in general) has higher flows in the middle of the day (during normal work hours) without defined peaks in the morning and the evening. As shown in Table 3-4 and on Figure 3-5, the flows consistently peaked at 8:00 a.m., but the peaking factor is reduced to 1.27 and the second peak is almost indiscernible with the midday flows almost equivalent to the morning and evening peaks.



3 – FLOW MONITORING

Although this flattening of the flow pattern in Meter Basin 4 is partly due to the industrial land use inside the basin, it is primarily because of the long travel times for flows from the upstream basins to reach Meter 4 at the far downstream end of the sewer system, which provides time for peak flows to equalize (time of concentration).

Meter 4 measured all wastewater flows in the City's sewer system except for Basin 3 wastewater flows. The average flow for the City's sewer system is calculated to be 2.35 mgd by adding the average flows recorded at Meter 4 (2.07 mgd) and Meter 3 (0.28 mgd).

3.1 Existing (Year 2013) Average Dry-Weather Wastewater Flows

Based on the dry-weather flow meter results, existing, average-day, unit-wastewater-generation factors (gallons per day per acre (gpd/ac)) were developed for the various land use categories in the City as shown in Table 3-5. The wastewater generation factors are average values for that type of land use.

The average unit wastewater generation factors were applied to the corresponding existing total acreage for that land use, and the average flows were added together to arrive at a total average-day wastewater flow of 2.35 million gallons per day (mgd) as shown in Table 3-5, which matches the flow monitoring results for total City average day flow as discussed in Section 3.0 (adding the average day flows for Meter 3 and Meter 4).

The existing, average-day, unit-wastewater-generation factors and flows for each land use category is reflective of an average housing vacancy rate of approximately 5% with the exception of existing land use for the Corridors Specific Plan (SP-4) where a 15% vacancy rate (combining both housing and land vacancies) was estimated. This results in a unit-wastewater generation factor (2,100 gpd/ac) that is approximately 9% lower than the factor that would have been estimated with a 5% vacancy rate (2,300 gpd/ac).

As discussed in Chapter 6, the City's land use map was used as a base map in the development of the hydraulic model of the City's sanitary sewer system. Unit wastewater generation factors were applied to the land use map to develop average wastewater flows in the hydraulic model. Unit factors were adjusted up or down from their average value to better calibrate flow for that basin.

Existing per-capita and per-dwelling-unit residential wastewater generation were estimated to be 71 gpcd and 283 gpd/du by dividing the total estimated residential wastewater generation by the 2013 population and 2013 occupied dwelling units, respectively, as shown in Table 3-6. Approximately half of the acreage for the Corridors Specific Plan was assumed to be multi-family residential (the other half was assumed to be commercial) with a corresponding wastewater generation coefficient of 2,250 gpd/ac.



3 – FLOW MONITORING

Table 3-5. Existing Wastewater Generation Factors and Average Flows

Land Use Category	Acres	Wastewater Generation Factor ^(a) (gpd/ac)	Flow (gpd)
<u>Residential</u>			
R1 - Single Family Residential	633.6	1,250	792,025
R2 - Multiple Family Dwelling	135.5	2,500	338,750
R3 - Multiple Family	105.0	3,500	367,570
Subtotal	874.1	-	1,498,345
<u>Commercial</u>			
C1 - Limited Commercial	33.1	2,000	66,160
C2 - Commercial	18.9	2,000	37,880
SC - Service Commercial	12.9	2,000	25,760
Subtotal	64.9	-	129,800
<u>Industrial</u>			
M1- Limited Industrial	91.4	1,500	137,130
M2 - Light Industrial	98.6	1,500	147,870
Subtotal	190.0	-	285,000
<u>Other</u>			
School		800	-
Park		300	-
Pacoima Wash	24.1	-	-
Subtotal	24.1	-	-
<u>Specific Plans/Planned Development</u>			
SP-1	1.0	2,100	2,142
SP-2	0.9	2,100	1,848
SP-3	2.8	2,100	5,943
SP-4 Corridors Specific Plan	127.5	2,100	267,729
Residential Planned Develop.	9.1	1,900	17,195
Precise Development Overlay	19.5	1,900	37,107
Subtotal	160.8	-	331,964
Total	1,313.9	-	2,245,109

- a) Wastewater generation factors were estimated assuming a 5% vacancy rate, including vacant residential & commercial properties and vacant land, except for the SP-4 vacancy rate, which was estimated at 15%



3 – FLOW MONITORING

Table 3-6. Existing Residential Generation Factors and Average Flows

Land Use Category	Acres	Wastewater Generation Factor ^(a) (gpd/ac)	Flow (gpd)	Population	Dwelling Units
Residential					
R1 - Single Family Residential	633.6	1,250	792,025	-	-
R2 - Multiple Family Dwelling	135.5	2,500	338,750	-	-
R3 - Multiple Family	105.0	3,500	367,570	-	-
SP-1	1.0	2,100	2,142	-	-
SP-2	0.9	2,100	1,848	-	-
SP-3	2.8	2,100	5,943	-	-
SP-4 Corridors Specific Plan	63.8	2,250	143,438	-	-
Residential Planned Develop.	9.1	1,900	17,195	-	-
Precise Development Overlay	19.5	1,900	37,107	-	-
Total	971.2	-	1,706,018	24,079	6,024
Residential Unit Flow	-	-	-	71	283

3.2 Ultimate (Year 2035) Average Dry-Weather Wastewater Flows

Ultimate, average-day, wastewater flow for the City was estimated by increasing the residential unit-wastewater-generation factors by 6% to reflect the estimated population increase for the year 2035 (relative to the year 2013). Also, the vacancy rate for the Corridors Specific Plan area was estimated at 5% (as opposed to the estimated 15% for the existing SP-4 land use), which is the average vacancy rate estimated for the entire City. This increased the unit wastewater generation factor for the SP-4 land use from 2,100 (existing system) to 2,325. Based on these modifications and holding other variables constant relative to the existing system, the Ultimate System average-day wastewater flow for the City is estimated at 2.45 mgd, which is an increase of approximately 4% relative to the existing system flow (2.35 mgd).

3.3 Peaking Factors and Dry-Weather Flow Hydrographs

As discussed in Section 3.0, selected week-day flows during the flow monitoring period provided definitive diurnal flows and peak flow times that typically occurred at approximately 8:00 am and 9:00 pm each week day. Although weekend flows and peaking times are typically more variable



3 – FLOW MONITORING

Table 3-7. Ultimate Wastewater Generation Factors and Average Flows

Land Use Category	Acres	Wastewater Generation Factor ^(a) (gpd/ac)	Flow (gpd)
<u>Residential</u>			
R1 - Single Family Residential	633.6	1,325	839,547
R2 - Multiple Family Dwelling	135.5	2,650	359,075
R3 - Multiple Family	105.0	3,710	389,624
Subtotal	874.1	-	1,588,246
<u>Commercial</u>			
C1 - Limited Commercial	33.1	2,000	66,160
C2 - Commercial	18.9	2,000	37,880
SC - Service Commercial	12.9	2,000	25,760
Subtotal	64.9	-	129,800
<u>Industrial</u>			
M1- Limited Industrial	91.4	1,500	137,130
M2 - Light Industrial	98.6	1,500	147,870
Subtotal	190.0	-	285,000
<u>Other</u>			
School		800	-
Park		300	-
Pacoima Wash	24.1	-	-
Subtotal	24.1	-	-
<u>Specific Plans/Planned Development</u>			
SP-1	1.0	2,100	2,142
SP-2	0.9	2,100	1,848
SP-3	2.8	2,100	5,943
SP-4 Corridors Specific Plan	127.5	2,325	296,414
Residential Planned Develop.	9.1	1,900	17,195
Precise Development Overlay	19.5	1,900	37,107
Subtotal	160.8	-	360,649
Total	1,313.9	-	2,363,695

- Wastewater generation factors were estimated assuming a 5% vacancy rate, including vacant residential & commercial properties and vacant land. The SP-4 vacancy rate was also estimated to be 5%.
- Ultimate System residential unit wastewater generation factors were calculated by multiplying Existing System residential unit wastewater generation factors by the estimated year 2035 population increase of 6.0%



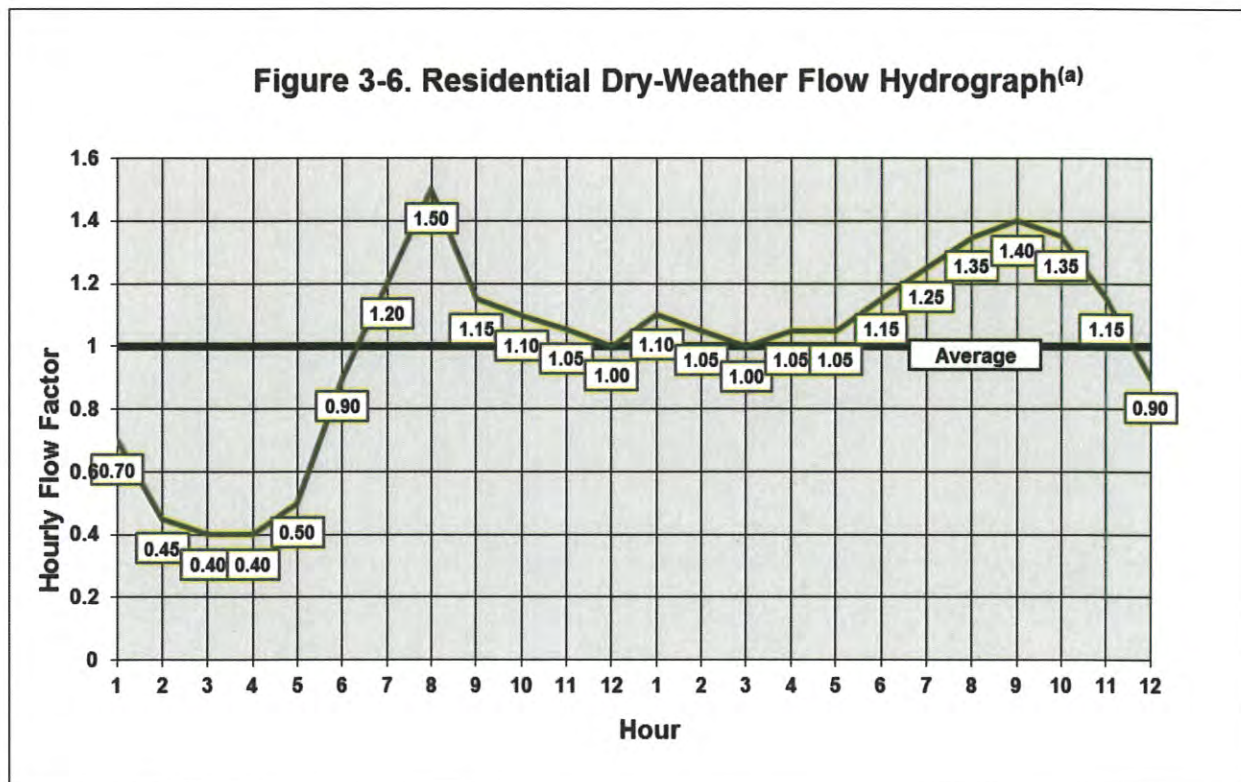
3 – FLOW MONITORING

and peak flows are typically less than more defined peak flows during the week, for this monitoring period, the four weekend days evaluated actually had peaking factors similar to the weekday peaking factors. Although only weekday flows will be evaluated in the model, the peaking factor used in the analysis will also be reflective of the peaking factors recorded on the four weekend days.

Based on the flow monitoring data as well as common flow patterns for industrial and commercial land use, unit dry-weather flow hydrographs (hourly flow factors relative to an average flow factor of 1.0) were developed for the following land use categories:

1. Residential including R1, R2, R3 and SP3 (Senior Residential)
2. Commercial and Industrial
3. Mixed-Use including SP1, SP2, and primarily SP4

As discussed in Chapter 6, these hydrographs were applied to respective land uses in the hydraulic model to create hourly (24-hour) flows in the model. As the land use in Meter Basin 1 is 90% residential, the residential dry-weather flow hydrograph was based primarily on Meter Basin 1 flows. As shown on Figure 3-6, the primary peaking factor of 1.5 occurs at 8:00 a.m. with a secondary peaking factor of 1.40 occurring at 9:00 pm.

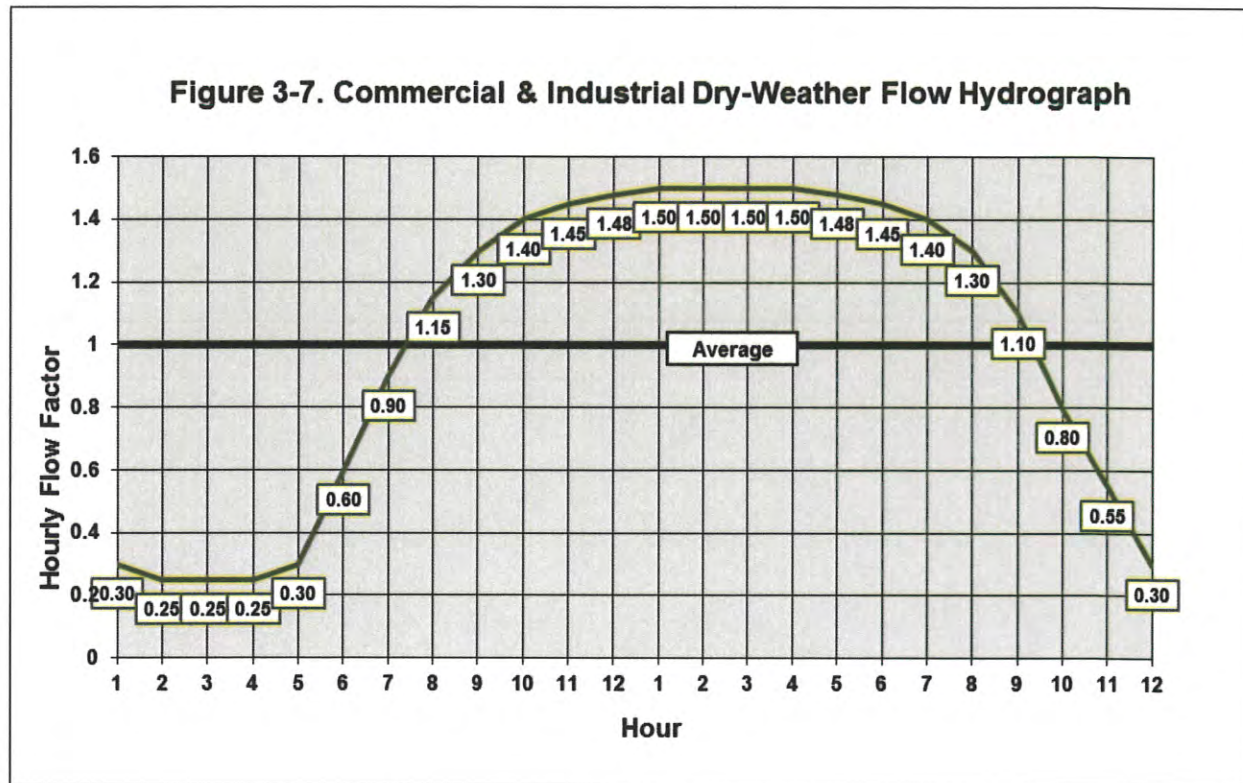


(a) Includes all residential including SP3 (senior residential)



3 – FLOW MONITORING

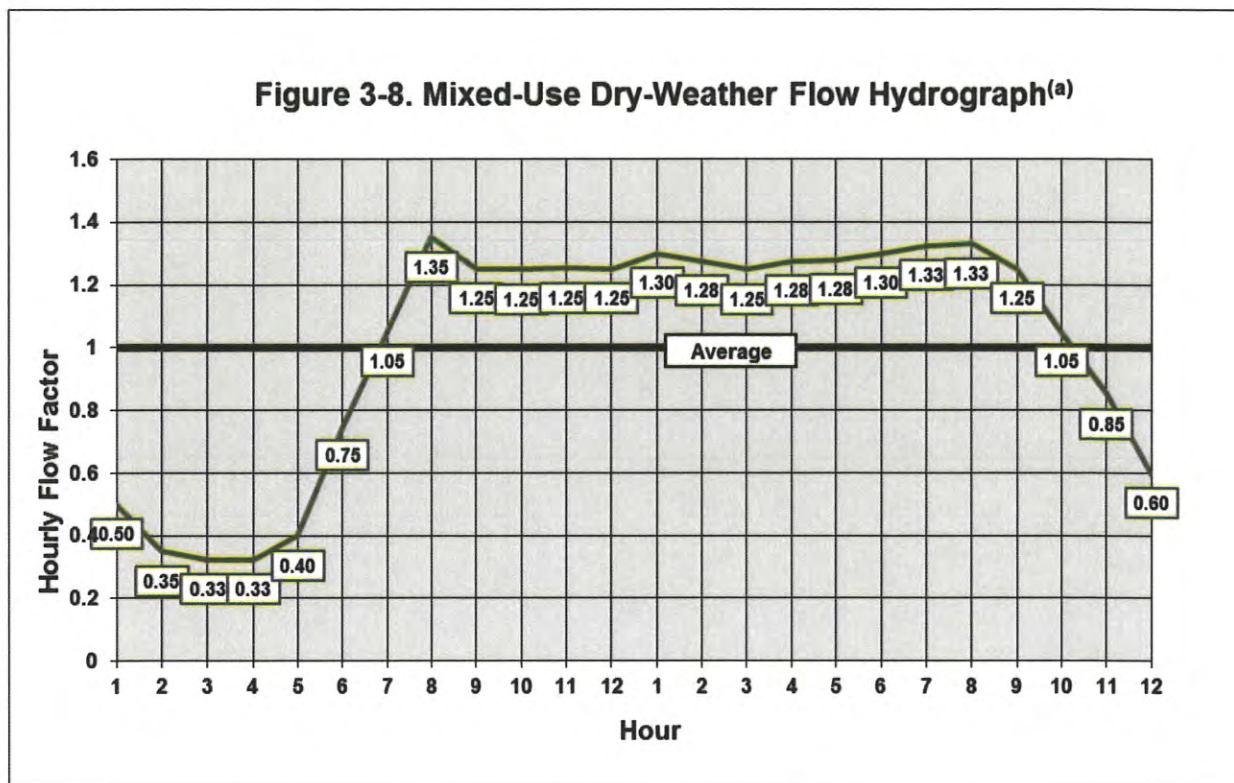
The hydrograph for commercial and industrial land use is shown on Figure 3-7 and is reflective of higher flows occurring primarily during the normal working hours during the week. A peaking factor of 1.5 for dry weather flow was calibrated in the hydraulic model.



The hydrograph for mixed-use land, which is a combination of residential (primarily multi-family) and commercial land use), is shown on Figure 3-8 and was developed as an hourly average of the residential and commercial/industrial hydrographs.



3 – FLOW MONITORING



(a) SP-4 (Corridors Specific Plan), SP-1 and SP-2 Specific Plans

Wet Weather flows

As mentioned previously, there were two storm events recorded during the flow monitoring period, however, hydraulically, these were not significant storm events and did not generate significant rainfall induced inflow and infiltration (RDII). Therefore Peak Wet Weather Flows (PWWF) were determined by utilizing empirical formulas obtained from the County's Hydrology Manual. Peak wet weather flow can be estimated as the larger of the two following equations:

1. Peak Wet Weather Flow (PWWF) = 1.35 x Peak Dry Weather Flow (PDWF)
2. Peak Wet Weather Flow (PWWF) = 3.10 x Average Dry Weather Flow (ADWF)



3 – FLOW MONITORING

Table 3-8 lists the location of the four flow meters and Figure 3-9 shows the location of the flow meters.

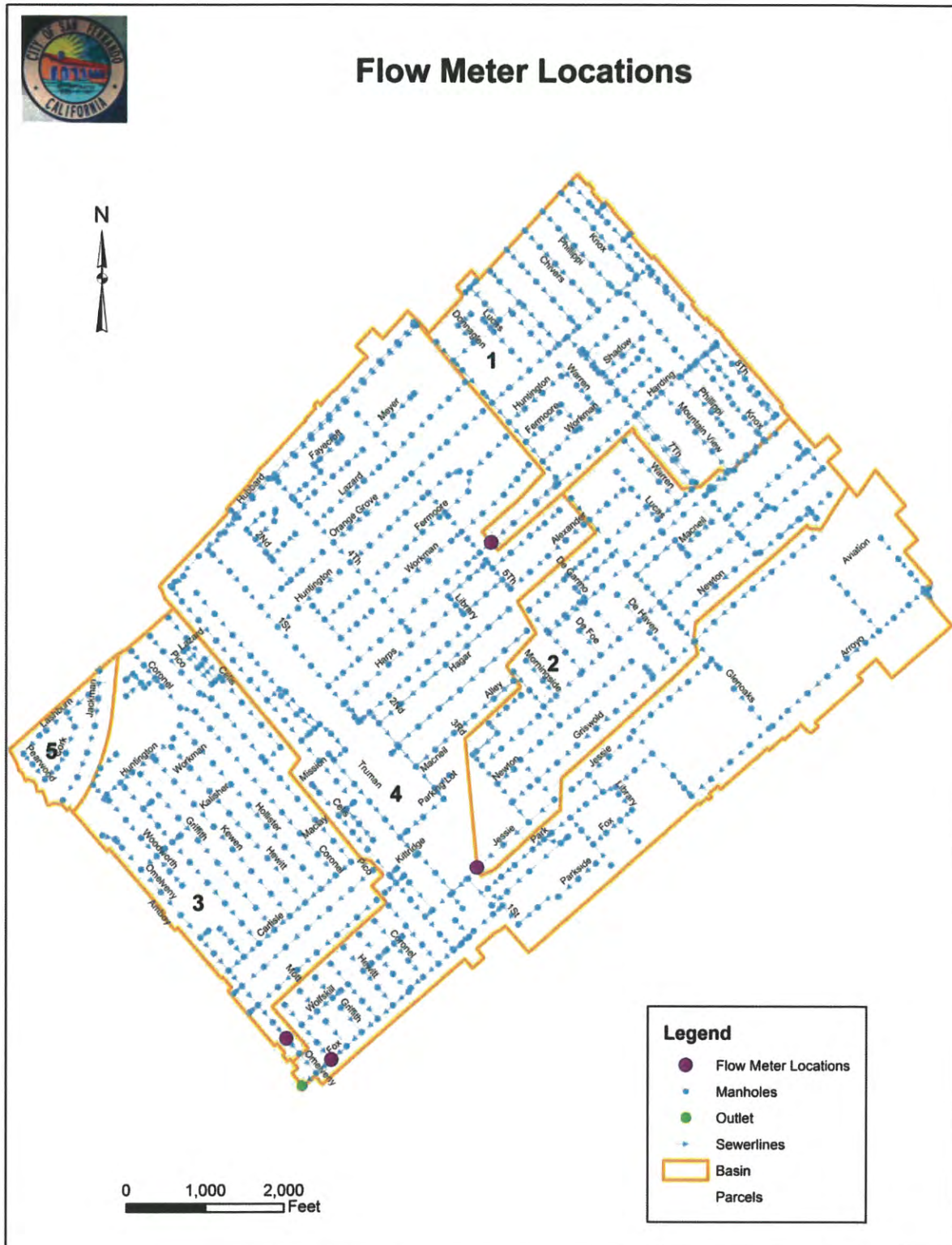
Table 3-8
FLOW MONITORING LOCATIONS

Basin Number	Manhole Number	Probe Location	Pipe Diameter (in)
1	B3-0789	Outgoing Pipe	8
2	B4_0662	Outgoing Pipe	18
3	B2_0500	Outgoing Pipe	12
4	B1_0165	Outgoing Pipe	10



3 – FLOW MONITORING

Figure 3-9, Flow Meter Locations





4 – REHABILITATION METHODS

4.0 Overview

Aged and defective sanitary sewers should be replaced periodically as part of an on-going investigation and rehabilitation program to both ensure structural integrity of infrastructure components and to help prevent wet-weather inflow and infiltration (I/I) into the collection system through system defects such as cracked and broken pipe. This chapter discusses various strategies and methods to rehabilitate sanitary sewers and develops planning-level unit costs that will be used in this Master Plan to develop project costs in the recommended Capital Improvement Program.

4.1 Sanitary Sewer Rehabilitation Methods

Sewers need rehabilitation if they are in a deteriorated condition and/or they need additional hydraulic capacity. In the past, the most common construction approach to rehabilitating a sewer for either reason was sewer replacement via open cut excavation. However, over the past 30 years, sewer rehabilitation via trenchless technology has become more practical and less expensive than traditional open cut excavation if the sewer is only in a deteriorated condition, i.e. does not need increased hydraulic capacity. There are also several trenchless methods now available that are also more practical and in some cases less expensive when the sewer also needs increased hydraulic capacity.

With trenchless technology, the surface and ground depth in the vicinity of a sewer to be rehabilitated is significantly less disturbed compared with open cut excavation. Sewer rehabilitation via trenchless technology avoids most conflicts with adjacent and crossing utilities and pipelines, and also avoids most surface disruptions to traffic, property, and the surrounding environment in general. Most trenchless technologies utilize the existing sewer as a host pipe and utilize existing manholes to conduct the rehabilitation. In some cases, pits must be excavated to accommodate a trenchless technology.

These trenchless technologies are less expensive than sewer replacement via open cut excavation. However, in utilizing the existing sewer as a host pipe, the sewer diameter is decreased, not increased. The new sewer lining might offer slightly better capacity resulting from less pipe friction, but because a slime layer eventually builds up on any sewer pipe surface, this increased capacity might not be significant.

4.1.1 Sewer Rehabilitation via Pipe Replacement

In order to increase hydraulic capacity significantly, the sewer can be replaced with a new larger sewer either by open cut excavation and/or bore and jack construction, or a new sewer can be constructed parallel to the existing sewer by either of these same two construction methods. Open cut excavation causes disruptions to the surface environment. As an alternative, bore and jack construction can be employed where two pits are excavated (a bore pit and a receiving pit), a steel casing is bored and jacked between the two pits, and the sewer is grouted inside the casing. The only excavation occurs at the bore pit and the receiving pit.

However, bore and jack construction is significantly more expensive than open cut excavation. For example, as average planning estimates, it might cost approximately \$200/linear foot (lf) to construct a 12-inch sewer by open cut excavation (including traffic control and pavement replacement, but not including project mobilization, flow bypassing, and lateral reconnection) and approximately \$1,000/lf to construct the same 12-inch sewer by bore and jack construction.



4 – REHABILITATION METHODS

Because of the high cost, open cut excavation is typically employed. However, bore and jack construction is used to go below major road intersections where traffic cannot be disrupted, and below major surface obstructions such as railroad tracks, freeways, etc.

Directional drilling and micro-tunneling can also provide for trenchless construction of a new sewer. However, both methods are more expensive than bore and jack construction, and their benefits such as directional change are not needed to construct a sewer below a road or intersection in most cases.

In order to increase hydraulic capacity, the existing sewer can be replaced with a larger sewer, or a new sewer can be constructed in parallel with the existing sewer, which remains in service. If the existing sewer is also in a deteriorated condition and requires rehabilitation anyway, then it will be recommended in the Master Plan that the existing sewer be replaced with a new sewer. If the existing sewer is in good condition with very few defects and is relatively young, then it will be recommended in the Master Plan that the existing sewer be kept in service and a new parallel sewer be constructed in order to increase hydraulic capacity.

City sewers are constructed of VCP, PVC, and ACP pipe materials, which are all considered sturdy sewer pipe materials. However, any sewer constructed prior to 1950 will be recommended for replacement regardless of condition if the sewer requires additional hydraulic capacity.

Flow bypassing at an upstream manhole is required when replacing an existing sewer. Also, existing laterals must be serviced by a temporary pipeline while the new sewer is set in the trench and bedded. The existing laterals are connected as soon as a new sewer segment is bedded. An advantage to constructing a parallel sewer (relief sewer) is that the existing sewer is kept in service while the relief sewer is being constructed. Less flow bypassing is required. Additionally, sewer laterals on the side of the existing sewer away from the parallel sewer can remain connected to the existing sewer, or if they are to be connected to the new sewer, the connections can be made after the new sewer has been constructed.

Pipe Bursting

Another trenchless alternative for constructing a larger sewer is pipe bursting. Pipe bursting can be less expensive and faster than open cut construction. Pipe bursting is accomplished by pulling a bursting device through the existing pipe. This device by virtue of its size or its radial expansion ability shatters the old pipe and forces the fragments into the surrounding soil. The new pipe is attached to the bursting device and is thus pulled into place as the device advances. An advantage of pipe bursting compared with other trenchless pipe rehabilitation is that the existing pipe can be upgraded with a completely new pipe of equal diameter or greater, thus maintaining or increasing the capacity of the line being rehabilitated. Also, the pipe is a complete structural replacement that functions independently of the original line. Flow bypassing is required with pipe bursting because the existing pipe is being replaced.

Installations are either continuous or sectional. In continuous installations, pipe materials such as high-density polyethylene (HDPE), PVC, and steel are connected or fused to form continuous strings of pipe. These strings are then installed over a length longer than the length



4 – REHABILITATION METHODS

of one individual pipe segment. In sectional installations, individual pipe sections are installed one section at a time. Continuous installation is preferred over sectional replacement, as it minimizes the stoppage of the product line during the burst, and requires less equipment to perform the installation.

A continuous installation is divided into lengths of pipe segments that the bursting equipment being used can burst based on the geometry and layout of the existing pipe being replaced. The length that can be burst is highly dependent on the type of pipe being burst, degree of upsize, soil conditions, and geometry of the original installation. Access pits are excavated on each end of the pipe to be replaced. The pipe-bursting machine that pulls the bursting head is located in the machine pit. The new or product pipe and bursting head are inserted into the existing or host pipe at the insertion pit, which is located at the other end of the pipe.

Machine pits are typically 12-feet long by 6 to 8-feet wide, but can vary in size depending on the size and type of the pipe bursting equipment used. The insertion pit has a flat section and a sloped section that runs from the bottom of the pit to the ground surface. The length of the flat section is typically 12 times the outside diameter of the replacement pipe and the length of the sloped section is typically 2.5 times the depth.

Sections of the product pipe are fused or connected for a continuous installation. The end of the product string is attached to the bursting head, which is attached to the drive rod string, which is attached to the bursting machine in the machine pit. The bursting machine then pulls the drive string. As the bursting head advances, the host pipe is burst and the product line is simultaneously installed. Other bursting methods employ a pneumatic bursting head that "hammers" the pipe forward rather than being pulled. The static bursting system or pneumatic pipe bursting system employed must be capable of delivering the required bursting forces necessary to fragment the existing pipe, push the broken pieces into the ground and simultaneously install the new HDPE replacement pipe.

The bursting force and equipment capacity of the pipe bursting equipment is a function of the replacement section, which is the length of pipe to be bursted and replaced between the machine pit and the installation pit. Longer replacement sections require larger-capacity equipment. The length of the replacement section is also a function of the geometry of the existing pipe to be replaced. Pipe bursting can accommodate only gradual horizontal curves. A replacement section must be terminated at a tight bend.

The depth of cover is important in pipe bursting especially when the existing pipe lies below an asphalt road because the bursting head can cause an upheaval (surface hump) of the asphalt surface if there is insufficient cover. The potential for upheaval is also a function of soil density. Less dense (softer) soils can absorb more of the uplifted soil and pipe fragments and this decreases the upheaval potential. The potential for upheaval is greater for ground covers less than 4 feet. This is typically not an issue with sanitary sewers as they are usually installed deeper than 4 feet.

Minor surface upheaval can be rectified by rolling down the hump with an adequately-sized road roller on a relatively hot day. Where the potential for upheaval exists, the Contractor can drill a



4 – REHABILITATION METHODS

relief bore hole above the host pipe to absorb the soil displacement caused by the bursting head, but this adds construction cost.

The sections of the HDPE pipe are fused together and the entire length of replacement pipe for a given replacement section is strung out directly behind the installation pit, i.e. a 300 lf replacement section would have 300 feet of pipe strung out behind the installation pit. Traffic control would be required for the installation pit and the pipe layout area behind the pit as well as at the machine pit. One lane of traffic or a bike lane would need to be closed down in these work areas.

Pipe installed within a steel casing via bore and jacked construction cannot be replaced through pipe bursting because the steel casing does not allow sufficient space for pipe fragmentation. Concrete encasement may also preclude pipe bursting for that specific pipe segment depending on the thickness of the encasement. Utilities that are too close to the bursting "sphere of influence" would need to be relocated prior to bursting. Also, sewer laterals would have to be removed within the sphere of influence, and then reconstructed and connected to the new sewer.

For straight runs, pipe bursting can be implemented as a continuous installation through existing manholes. The manholes would then need to be rehabilitated and sealed after the bursting is complete. Pipe bursting can be more cost effective than open cut excavation, if you have long sections of straight sewers that can accommodate long continuous installations. Often times pipe bursting can be faster than open cut construction because there is significantly less excavation and pavement replacement. Pipe bursting could conceivably be 20 to 25% faster than open cut construction depending on actual conditions.

However, if the sewer segments are in residential areas with many lateral connections, then the length of installation must be shortened, which adds construction time and cost. The shortened installation length and the cost to dig up and reconstruct laterals in the area of influence typically make open-cut excavation more cost effective in residential areas with many sewer laterals.

Earth Tool Company and Miller Pipeline Corp. are two of the manufacturers of pipe bursting equipment on the market. Earth Tool Company manufactures Hammerhead™ moles and various pipe-bursting products that are marketed through Vermeer dealerships located throughout the United States and internationally. Miller Pipeline Corp. manufactures the XPANDIT pipe bursting system.

4.1.2 Sewer Rehabilitation via Trenchless Technology using Existing Pipe as Host

Cured-in-Place lining, segmental sliplining, spiral wound sliplining, and tight-fit lining are trenchless technologies that utilize the existing pipe as a host pipe in the pipe rehabilitation process. The liner of each of these systems can provide complete structural support, i.e. assume all dead, live, and construction loads as well as any surcharge pressures, independent of any structural support remaining in the host pipe. All of these technologies are typically less expensive than sewer replacement via open-cut excavation and via pipe bursting. However, the pipe flow area is reduced to some degree by a reduction in pipe diameter with each of these technologies.



4 – REHABILITATION METHODS

With each of these trenchless technologies, the surface and ground depth in the vicinity of a sewer to be rehabilitated is significantly less disturbed compared with open cut excavation. These technologies avoid most conflicts with adjacent and crossing utilities and pipelines, and also avoid most surface disruptions to traffic, property, and the surrounding environment in general. Some of these trenchless technologies utilize existing manholes to conduct the rehabilitation. In some cases, pits must be excavated to accommodate liner insertion into the host pipe.

The County Sanitation Districts of Los Angeles County (County) utilizes all of these trenchless technologies to a certain extent and have developed detailed specifications for each. These technologies are described as follows:

Cured-in-Place Pipe Lining

In the Cured-in-place pipe (CIPP) lining process, a liner composed of a fabric reconstruction tube impregnated with a thermosetting resin is inserted into the pipe to be repaired through an existing manhole, an excavated pit, or another entry point. The tube is either winched or inverted into place with water pressure. Injected steam or hot water cures the resin and shapes the tube into the form of the existing pipe. Application of heat hardens the resin after a few hours, forming a jointless inner pipe surface. The rehabilitation liner serves to repair the deteriorated structure of the existing pipe.

The lining process requires no excavation if existing manholes are available as insertion pits. The process can accommodate pipe bends up to 90 degrees. The pipe requires careful cleaning and video inspection prior to installation. Flow bypassing is required with CIPP because the existing pipe is rehabilitated.

Service laterals remain connected to the host pipe during the rehabilitation process, but the laterals are out of service until openings can be cut through the CIPP lining at the connection points. A camera with a cutting device is run through the lined pipe to reopen the laterals remotely. Dimples occur in the CIPP lining prior to curing that indicate the lateral connection points. With some other trenchless technologies such as sliplining with a rigid lining material, dimples do not occur, and the lateral locations must be surveyed as part of the pre-work video inspection in order to map out the lateral locations. This makes lateral connection more efficient for CIPP relative to these other trenchless methods.

Several companies have developed CIPP systems and these systems vary in material type, coating type and method of construction. Most of the fabrics are made of woven or non-woven (needle punched) polyester. Other materials such as fiberglass are sometimes incorporated into the fabric as reinforcement. Tubes are typically layered with at least one fabric layer and another layer which is impermeable to the flow of the liquid resin.

The resin is typically unsaturated polyester. Vinyl ester and epoxy resins are sometimes used for better corrosion resistance or for unusual thermal conditions. The composition of the resin material can be varied to meet specific design conditions. Fabric tubes are manufactured to be the same size or slightly smaller than the inner diameter of the existing pipe to be rehabilitated. The saturated fabric stretches to conform to the inner surface of the pipe. Some mechanical



4 – REHABILITATION METHODS

bonding of the resin to the inner pipe surface does occur. The structural performance of the liner depends on the thickness of the liner as well as upon the condition of the existing pipe to a certain extent.

Insituform Technologies Inc., Nu Flow Technologies, Inc., Inliner Technologies, are some of the CIPP manufacturers on the market. As an example, Insituform installations have been accomplished in pipe sizes up to 108 inches. Insitupipe is a gravity CIPP lining system manufactured by Insituform that is designed to accommodate specific pipe conditions and structural requirements. The thickness of the Insitupipe varies from 0.12 to 1.59 inches as required by each project. The physical characteristics of the finished Insitupipe are largely a function of the resin system used.

Resin systems used in the Insituform process are unsaturated polyesters, vinyl esters, and epoxies. The resin is specifically designed on a project-by-project basis and the type selected is dependent on pipe function and condition among other factors.

Traditional Segmental Sliplining

In the traditional segmental sliplining process, a polyethylene or PVC liner of a slightly smaller diameter is inserted into an existing pipeline and the annulus between the two pipes is grouted to form one unified pipe. Sliplining can be used if the host pipe does not have excessive joint settlements, severe misalignments, or large deformations. The host pipe should be relatively straight between the insertion pit and the receiving manhole. The new pipe can form a continuous watertight pipe within the existing pipe after installation.

In segmental sliplining, individual sections of pipe (typically 15-feet in length) are pushed into the host pipe at insertion pits that are strategically located at points along the host pipeline alignment. The liner pipe is inserted fully rounded into the host pipe, with new segments added on and pushed through as needed. Pushes approaching 3,000 feet of pipe have been reported. The pipe liner segments are typically joined with tongue and groove joints. Lap joints are used with some liners. After the new pipe is positioned in place, the annular space is grouted.

It is necessary for the host pipe to reasonably straight and reasonably round, as slip liners are not pliable inserts. Some adaptation to bends in the pipe is possible through the use of short segments. Also, the liner can be deflected up to 2 degrees at each joint. However, sliplining is more practical for straight pipe segments.

An insertion pit must be excavated large enough to accommodate the pipe segment being inserted. An insertion pit on the order of 20 feet long by 8 feet wide by the depth of the host pipe is required to insert 15-foot pipe segments. The need for excavated insertion pits is a disadvantage compared with other technologies that are able to utilize existing manholes for liner insertion, i.e. spiral wound sliplining, cured-in-place liners, and fold and form liners.

The annulus space between the host pipe and the liner pipe represents a loss of hydraulic capacity for the pipe. As a potential offset to this lost hydraulic capacity, the newer and smoother sewer lining would offer less friction than the existing sewer pipe surface, but because a slime layer eventually builds up on any sewer pipe surface, increased capacity due to a smoother pipe surface might not be significant. However, sliplining an existing VCP sewer



4 – REHABILITATION METHODS

would eliminate headloss associated with the VCP pipe joints as the slipline would have nearly seamless joints.

An advantage for sliplining relative to CIPP, is that sliplining can take place with flow in the existing pipe, whereas CIPP requires damming of an upstream manhole and/or flow bypassing to ensure that the existing pipe is free of all flow. For sliplining to occur with flow in the pipe, the maximum low depth in the existing pipe should not exceed approximately 30% of the pipe diameter.

Service laterals remain connected to the host pipe during the rehabilitation process, but the laterals are out of service until openings can be cut through the CIPP lining at the connection points. A camera with a cutting device is run through the lined pipe to reopen the laterals remotely. The lateral locations must be surveyed as part of the pre-work video inspection in order to map out the lateral locations.

Lamson Vylon Pipe (PVC), Hobas (RMP), and Polypipe (PE) are some of the slipline manufacturers on the market. For example, Lamson Vylon Pipe manufactures a PVC slipliner pipe with an I-beam profile wall and gasketed joints rated for 11 psi. The pipe is available in diameters ranging from 21 to 48 inches. The standard pipe length is 15 feet. Lamson Vylon Pipe also manufactures a PVC slipliner pipe called "The Insider". The pipe is available in diameters ranging from 12 to 18 inches. The joint is a flush joint system with elastomeric seals. The pipe is very similar to SDR 35 pipe. The pipe is not pressure rated and it is suitable only for gravity-flow.

Spiral-Wound Sliplining

In spiral-wound sliplining a winding machine helically winds a PVC strip into a tube which is simultaneously propelled directly into the existing host pipe. The spiral wound PVC pipe liner is composed of an extruded PVC profile strip with dual male and female locking elements on opposite sides of the strip. The profile strips have a ribbed design and range in width from 3.35 to 4.96 inches, which translates to a large number of joints. The profile strip, which is stored on a spool, is fed into an existing manhole via a winding machine. The winding machine forms the profile strip into a spiral pipe of a specified fixed diameter by sealing the male and female locking elements.

There is an expandable pipe liner version in which the pipe liner is expanded radially until the liner contacts the host pipe. This version is primarily applicable to sewers less than 24 inches in diameter. In the second version, the pipe liner remains a fixed diameter less than the inside diameter of the host pipe and grout is injected to fill the annulus between the two pipes. This second version, which can incorporate a steel reinforcing strip, is primarily applicable to sewers greater than 24 inches in diameter.

In the expansion version, after the liner is fully expanded, sealant is applied to the ends of the pipe. As discussed below, service connections are re-established similar to segmental sliplining. However, the ribbed profile of the spiral wound pipe liner creates small voids around the circumference of the connection that must be sealed.



4 – REHABILITATION METHODS

In the fixed-diameter version, a secondary lock for the sliplined machine spiral wound PVC pipe liner remains intact in order to hold the pipe liner at a fixed diameter. The profile strips have a higher stiffness than the strips used for the expansion version. The maximum outside diameter of the fixed-diameter liner is limited to 2 inches less than the inside diameter of the existing pipe to ensure proper placement of grout.

An advantage of spiral-wound sliplining relative to segmental sliplining is that the liner can be inserted at existing manholes. The tube or liner is made in one continuous length from manhole to manhole. Unlike segmental sliplining, spiral-wound sliplining can accommodate pipe bends and more severe pipe deformations due to the flexible nature of the winding process.

Service laterals remain connected to the host pipe during the rehabilitation process, but the laterals are plugged and out of service until openings can be cut through the lining at the connection points. A camera with a cutting device is run through the lined pipe to reopen the laterals remotely. The lateral locations must be surveyed as part of the pre-work video inspection in order to map out the lateral locations.

Like segmental sliplining, spiral-wound sliplining can take place with flow in the existing pipe. For sliplining to occur with flow in the pipe, the maximum low depth in the existing pipe should not exceed approximately 30% of the pipe diameter.

Danby of North America, Inc (Twin Lock) and PipeTec, Inc. (Rib-Loc) are two of the spiral-wound sliplining companies.

Tight-Fit Lining

A roll-down, die-reduction, or a folded-pipe lining process are similar trenchless technologies that are all included under a "tight-fit" classification by AWWA. In the tight-fit technologies, HDPE of a diameter either slightly greater or approximately the same diameter as the host pipe is reduced in diameter or deformed by mechanical means so that it can then be pulled through the host pipe. The HDPE pipe then expands naturally or is expanded to nearly its original diameter to fit tightly within the inside diameter of the host pipe. In contrast to segmental sliplining and fixed-diameter spiral-wound sliplining, these processes minimize the loss of inside diameter and eliminate the need for grouting as no annular space is left between the HDPE and the host pipe.

The equipment to perform the "roll-down" method consists of winching equipment used to pull the HDPE through the existing pipe and a roll-down box (a series of mechanical rollers) that physically rolls the outside diameter of the HDPE down to provide clearance to the inside diameter of the host pipe. Once rolled down, the HDPE is maintained under tension to prevent expansion as it is winched through the host pipe. When the entire run is installed, tension is released and the HDPE gradually returns to its original outside diameter and is a close fit to the host pipe.

The HDPE pipe is typically oversized by approximately 10% relative to the inside diameter of the host pipe because the original diameter is sometimes not achieved in the subsequent expansion, i.e. the HDPE sometimes expands to a diameter that is slightly less than its original diameter.



4 – REHABILITATION METHODS

Factory produced lengths of HDPE are delivered to the jobsite, where they are fusion welded together to produce the full length of pipe for a specific installation or "pull". An entrance pit is excavated at the beginning of the rehabilitation area. A pit width of at least 5' is required. The length is generally 4 times the depth to invert, and may taper to grade away from the pipe. The length is to allow the stiff HDPE pipe to transition from surface elevation to centerline of pipe.

A receiving pit is excavated at the termination point. This pit length is typically in the 10 to 15 foot range. The winching equipment is set up at the receiving end and the roll down box is located at the entrance pit. The winch line is run through the pipe to connect the HDPE pipe to the winching equipment. The HDPE pipe is pulled through the roll down box and into the host pipe by the winch, with the line under continuous tension to maintain size and clearance with the host pipe. Once the line is installed, tension is released and the HDPE pipe gradually resumes its original outside diameter, which is in close fit with the host pipe.

The length of an installation pull is dependent on the geometry of the host pipe. The HDPE pipe can usually be pulled through horizontal curves on the order of 5 to 7 degrees. However, depending on where the curve occurs in the pull, the condition and material of the host pipe, and other factors, larger curves up to 22 degrees have been achieved in some installations. A run must be terminated and a pit located at bends that cannot be pulled. Also there is a maximum length of straight pipe that can be pulled. Pulls up to 1,500 lf have been accomplished. Project cost and construction time increase as the number of pits required on a project increases.

A "die-reduction" lining method is very similar to roll-down with the exception that the HDPE pipe is pulled through a static reduction die instead of mechanical rollers. United Pipeline Services, which is a wholly owned subsidiary of Insituform Technologies, Inc., is one of the companies that perform roll-down pipe rehabilitation (Tite Liner). Swagelining is a patented die-reduction lining method. ARB, Inc. Constructors is a company that performs pipe rehabilitation using Swagelining.

The fold-and-formed lining process is similar in concept to the other tight-fit lining systems. In the fold-and-formed pipe (FFP) lining process, a folded thermoplastic relining product is inserted into the pipe to be repaired through an existing manhole or another entry point. The thermoplastic material, typically extruded PVC or high density polyethylene pipe (HDPE), is folded into a U-shape to produce a smaller net-cross-sectional area so it can be more easily inserted into the existing pipeline.

After the plastic-liner pipe is inserted, hot water or steam is applied to expand the liner pipe into a snug fit with the host pipe (rounding). The liner is then gradually cooled while held in place by internal pressure. As it cools, the liner pipe interlocks with the irregularities of the host pipe. Although tight, mechanical bonding between the liner and the host pipe does not occur.

Subcoil as developed by Subterra is a folded-liner pipe in which the HDPE pipe is factory folded and held in a heart shape by restraints. The folded liner pipe is then inserted into the existing host pipe. Once inserted, the folded-pipe liner is pressurized to snap the restraints allowing it to revert back to its original circular shape. The expanded HDPE pipe then forms a tight fit with



4 – REHABILITATION METHODS

the host pipe. Doty Brothers is a company that performs pipe rehabilitation using the Subterra folded liner pipe. Kinsel Industries, which is a wholly owned subsidiary of Insituform Technologies, Inc., also installs a folded-pipe liner called Close Fit.

All of these tight-fit lining systems are similar to segmental sliplining in that 1) it is necessary for the host pipe to be reasonably straight and reasonably round, as the liners are not pliable inserts, 2) an insertion pit must be excavated large enough to accommodate the pipe segment being inserted, 3) lining can take place with flow in the existing pipe, and 4) service laterals remain connected to the host pipe during the rehabilitation process, but the laterals are out of service until openings can be cut through the lining via a camera with a cutting device.

These processes are typically a little more expensive than traditional segmental sliplining. However, there is less loss in hydraulic capacity as a result of a reduction in pipe diameter.

Suitability of Trenchless Technologies

The County typically rehabilitates sewers greater than 48-inches in diameter by sliplining with segmented plastic pipe and then grouting the annulus between the pipes because 1) these large sewers carry large flows and flow bypassing is not practical in most cases, and 2) a loss in diameter is not as significant with these larger pipes. The County typically rehabilitates sewers between 27 and 42 inches in diameter by CIPP or sliplining. The advantage to using CIPP is that it has minimal impact on capacity. Traditional segmental sliplining begins to negatively impact sewer capacity in these pipe sizes.

For sewers 24 inches and smaller, the County typically utilizes CIPP, the expansion-version spiral-wound sliplining, and any of the tight-fit lining systems.

The County has reported troubles with wrinkles and folds using CIPP on larger diameter sewers, but no such troubles using CIPP on smaller diameter sewers. Tight-fit lining systems can typically be installed more quickly than CIPP and have better quality control in terms of material properties than CIPP liner. However, CIPP can be less expensive than a tight-fit technology and offers advantages such as more efficient re-establishment of service laterals. Traditional segmental sliplining can be less expensive than the CIPP or tight-fit lining technologies on a given project. However, segmental sliplining results in a greater loss in pipe diameter.

Given the specific conditions of a given sewer rehabilitation project, several of these trenchless technologies could be effective and price competitive on the same project. Some technologies might be excluded on a specific project, if a reduction in pipe diameter cannot be tolerated, if flow bypassing is not practical, or because of specific deformations of the existing sewer among other factors to consider in the design process.

4.1.3 Other Types of Sewer Repairs

Often times a sewer segment will be in overall good condition with the exception of severe defects that occur at a specific location or several locations along the segment. These point defects include broken pipe, severe cracking, or other damage that occurs within a limited length of pipe, i.e. approximately 5 linear feet or less. If there are a limited number of these spot defects, then it is more economical to excavate and repair these specific locations rather than to



4 – REHABILITATION METHODS

replace the entire sewer segment. If there are four or more such locations in a 300 or 400 ft sewer segment, then it becomes more practical to replace the segment.

Because CIPP forms against the existing pipe wall, most point defects need to be repaired prior to lining the sewer. Most point repairs also need to be made in front of spiral wound sliplining. If the damage is not overly severe, then sometimes these repairs do not need to be made in front of segmental sliplining and possibly some types of tight-fit lining systems. However, if a sewer is collapsed at a point, then this repair will need to be made prior to any lining method.

Unauthorized sewer lateral connections (also referred to as break-in taps) are often discovered when a sewer is videotaped. As opposed to factory taps, unauthorized taps are often crudely hammered into the sewer. Wet-weather infiltration can enter the sewer via the unsealed and often cracked periphery of the connection. Sometimes these unauthorized connections were made to collect storm water from house roof drains and other area drains. In these cases, they become a major source of wet-weather inflow. Wet-weather inflow and infiltration can overflow and surcharge a sewer and can lead to sewer overflows.

The connection could also prove to be some type of chemical or hazardous waste drain. In rehabilitating these unauthorized connections, the lateral pipe should be smoke tested to see what it is connected to. If it is found to be connected to storm drain or some other inappropriate drain, then the lateral should be disconnected and the sewer should be plugged and repaired at the point of connection. The owner of the inappropriate drain should then be required to reroute the discharge to an appropriate receiving connection. If connected to a sanitary sewer, the connection can be reconnected, sealed and repaired as required to block infiltration into the sewer.

4.2 Sewer Replacement & Rehabilitation Unit Costs

Planning level unit construction cost estimates for sewer replacement and rehabilitation are shown in Table 4-1. These unit costs will be used to develop planning level project cost estimates to develop Capital Improvement Program costs for this Master Plan. These unit costs do not include project mobilization, which will need to be added to project cost estimates. Project mobilization is estimated at 5 to 10% of the total project construction cost depending on the size and complexity of the project. All sewer rehabilitation and replacement unit costs shown in Table 4-1 include re-establishment of service laterals. Costs for all rehabilitation methods include heavy sewer cleaning and pre and post rehabilitation sewer videotaping.

Design-level cost estimates will need to be developed to refine project costs based on project conditions determined during the design phase of each project. For example, soil conditions determined in the design phase might preclude pipe bursting as a possible sewer replacement alternative. Flow conditions might make CIPP less attractive as a rehabilitation method if extensive flow bypassing is required, etc.



4 – REHABILITATION METHODS

Table 4-1. Unit Construction Costs for Sewer Replacement or Rehabilitation^(a)

Replacement or Rehabilitation Method	Unit Costs per Sewer Diameter (in)				
	8"	10"	12"	15"	18"
CIPP^(b)	\$55/lf	\$62/lf	\$68/lf	\$105/lf	\$140/lf
CIPP (bypass)	\$3	\$4	\$5	\$10	\$15
Segmental Slipline^{(b)(c)(d)}	\$70/lf	\$78/lf	\$85/lf	\$110/lf	\$145/lf
Expansion Spiral Wound Slipline^{(b)(c)}	\$75/lf	\$83/lf	\$90/lf	\$115/lf	\$150/lf
Tight-Fit Lining^{(b)(c)(d)}	\$75/lf	\$83/lf	\$90/lf	\$115/lf	\$150/lf
Rehab Break-in Tap	\$7,000/ea	\$7,000/ea	\$7,000/ea	\$7,000/ea	\$7,000/ea
Sewer Point Repair	\$7,000/ea	\$7,000/ea	\$7,500/ea	\$8,000/ea	\$8,000/ea
Pipe Bursting^{(b)(d)}	\$165/lf	\$180/lf	\$215/lf	\$250/lf	\$300/lf
Open-Cut Sewer Replacement^(b)	\$150/lf	\$175/lf	\$195/lf	\$220/lf	\$240/lf
Open-Cut Parallel Sewer^(b)	\$130/lf	\$155/lf	\$175/lf	\$200/lf	\$220lf
Bypass for Pipe Bursting or Open-Cut Replace	\$3/lf	\$4/lf	\$5/lf	\$10/lf	\$15/lf
Open-Cut Pavement Replacement	\$13/lf	\$14/lf	\$15/lf	\$16/lf	\$17/lf
Open-Cut Traffic Control	\$3/lf	\$4/lf	\$5/lf	\$5/lf	\$5/lf
Bore and Jack^(e)	\$800/lf	\$900/lf	\$1,000/lf	\$1,200/lf	\$1,500/lf

- a) Not including project mobilization, which is estimated at 5 to 10% of total project construction cost
- b) Including re-establishment of service laterals
- c) Estimated that flow bypassing will not be necessary as construction work will be done during low flow periods with flow in the pipe
- d) Includes installation pit excavation, pavement replacement and traffic control
- e) Includes installation and receiving pit excavation, pavement replacement and traffic control

For planning purposes, it is estimated that CIPP is slightly less expensive than the other trenchless technologies for rehabilitating 8-inch, 10-inch and 12-inch sewers especially if flow bypassing can be limited by low flows or possibly eliminated if damming an upstream manhole during installation and curing is possible. It is also estimated that segmental sliplining is slightly less expensive than expansion spiral-wound sliplining or tight-fit sliplining. The slightly higher cost could be warranted if a reduction in pipe diameter cannot be tolerated.



4 – REHABILITATION METHODS

It is estimated that segmental sliplining and even spiral-wound sliplining or tight-fit sliplining can become more cost effective relative to CIPP for sewer diameters greater than 12 inches if extensive flow bypassing is required. Expansion spiral-wound sliplining and tight-fit lining are estimated to be more expensive than segmental sliplining at all diameters. However, these two methods or CIPP might be required if the reduction in diameter resulting from segmental sliplining cannot be tolerated.

Construction conditions as determined in the design phase might preclude a rehabilitation method from inclusion in the contract bid. However, it would be appropriate to include as many of these rehabilitation methods in a competitive bid as warranted if there are no fatal flaws with the rehabilitation method specific to the project. In a competitive bid environment, any of the viable rehabilitation methods could conceivably end up having a lower cost.

The costs to excavate and make point repairs for breaks, severe misalignment, severe cracking, or other damage that occurs within a limited length of pipe, i.e. approximately 5 linear feet or less, are also shown in Table 4-1. If there are four or more such locations in a 300 or 400 lf sewer segment, then it typically becomes more cost effective to replace the segment. Point repairs will need to be made prior to conducting lining rehabilitation depending on the severity of the defect and the type of rehabilitation method used.

The costs to smoke test an unauthorized lateral connection (break-in tap) and then repair and seal the sewer at the point of connection are shown in Table 4-1. It is assumed that the cost to reroute an unauthorized lateral connection to an appropriate receiving location will be burdened by the owner of the unauthorized lateral connection.

For planning purposes, it is estimated that pipe bursting has the same unit cost as sewer replacement by open-cut excavation. However, the unit costs for pipe bursting includes installation pit excavation, pavement replacement, and traffic control, whereas pavement replacement and traffic control are additional costs for sewer replacement by open-cut excavation as shown in Table 4-1. Flow bypassing is an additional cost for both sewer replacement by open cut excavation and pipe bursting in Table 4-1.

The cost to construct a parallel sewer is estimated to be less expensive than the cost to construct a replacement sewer of the same size. In constructing a parallel sewer, the need to perform bypass pumping is greatly reduced and in some cases might be eliminated altogether. Additionally, sewer laterals on the side of the existing sewer away from the parallel sewer can remain connected to the existing sewer, or if they are to be connected to the new sewer, the connections can be made after the new sewer has been constructed. Sewer laterals on the side of the existing sewer where the parallel sewer is being constructed will typically need to be connected to the new sewer at the end of each work day. The estimated cost to employ bore and jack construction to go below major road intersections and major surface obstructions such as railroad tracks, freeways, etc, are also shown in Table 4-1.



5 – CCTV INSPECTION

5.0 Overview

As part of the Master Plan, approximately 56,127 linear feet (10.63 miles) of City sewers were videotaped using closed circuit television (CCTV), which is 25.6 percent of the City's total collection system (219,346 LF). The sewer CCTV inspections were conducted in order to identify defects, rate defects, and then incorporate recommended improvements into the Capital Improvement Program. Sewers videotaped as part of this project are shown on Figure 5-1.

Sewer structural defects include cracked pipe, broken pipe, offset joints, and unauthorized service connections (break-in taps). Sewer operation and maintenance (O&M) defects including heavy roots and grease deposits can lead to sewer blockages that can then lead to overflows. Sewer defects can undermine the integrity of the sewer system infrastructure, can allow wastewater to exfiltrate into the soil and groundwater, and can allow excessive rainwater in the form of inflow and infiltration to enter the sewer leading to potential overflow conditions.

5.1 Sewer CCTV Inspections

Sewers were first prioritized for inclusion into the CCTV inspection program conducted as part of this Master Plan if they are: 1) located in the older sections of the City, 2) in areas of high and recurring maintenance problems such as roots and grease, and/or 4) have suspected sewer defects. It should be noted that HFI focused on sewer lines that had not been recently televised by the City.

The Pipeline Assessment and Certification (PACP) software developed by the National Association of Sewer Service Companies (NASSCO) was used to assess and categorize sewer defects. NASSCO is a non-profit trade association consisting of contractors, manufacturers/suppliers and professionals (engineers, cities, etc.) involved with many sewer technologies. The PACP Condition Rating System provides condition ratings for sewer structural defects, and operation and maintenance defects. Grades are assigned for each category based on the grading criteria shown in Table 5-1.

Table 5-1. Sewer Defect Grade Descriptions

Defects Grade	Description
5 – Severe	Severe defects requiring immediate attention
4 – Heavy	Defects that will become Grade 5 in the near future
3 – Moderate	Defects that will continue to deteriorate
2 – Fair	Defects that have not begun to deteriorate
1 – Light	Minor defects

The Pipe Defects Rating is the addition of all grade defect occurrences multiplied by their respective grade levels for a given pipe segment (a pipe segment is the length of sewer pipe between two manholes). For example, a pipe with four Grade 5 occurrences, three Grade 3 occurrences, and three Grade 1 defects with no other defects found would have a Pipe Defects Rating of 32. The Pipe Defects Rating Index is the Pipe Defects Rating divided by the total



5 – CCTV INSPECTION

Figure 5-1 - City Sewers Videotaped





5 – CCTV INSPECTION

number of defect occurrences. In the example above, the Pipe Defects Rating Index would be 3.2 (32 divided by 10). The Pipe Defects Quick Rating is the number of occurrences of the two highest grades. In the above example, the Pipe Defects Quick Rating would be 5(4) 3(3).

The PACP continuous defect feature is used to denote where long portions of a sewer pipe are affected by the same defect, without the user having to repetitively enter point defects. The equivalent number of uninterrupted and joint repeating continuous defects is converted to equivalent point defects by dividing the length of the continuous defect by 5. For example, a 250-foot-long continuous defect, Grade 3, would equate to 50 equivalent Grade 3 point defects.

The sewers were rated separately for structural defects and O&M defects. Both were sorted by highest Pipe Defects Rating. The ratings for all sewers videotaped as part of the Master Plan are shown in the Appendix.

5.1.1 Sewer Structural Defects

The vast majority of sewers in the City are constructed of VCP, and a majority of City sewers were constructed in the 1920s. In general, the majority of City sewers videotaped were found to be in good shape structurally. However, there were some sewers that had major to moderate defects that should be repaired within the 10-year CIP. In terms of a structural defect, a category 5 defect can be a broken pipe where the soil is visible through the hole in the pipe, or it can be a collapsed pipe, or it can be a severe offset joint where the flow way in the pipe is reduced by over 50%. Any category 5 defect is recommended for repair within the 10-year CIP as a high priority project.

A category 4 defect is a severe fracture or breaking of the pipe that could become a category 5 defect in the near future, or it can be a severe offset joint. A lone category 4 defect was typically not recommended for repair within the 10-year CIP, but a sewer segment with multiple category 4 defects was recommended for repair, especially if they were occurring in conjunction with other category 3 and 2 defects. Most category 4 defects can be repaired by lining the sewer segment as opposed to constructing point repairs.

A category 3 defect is multiple cracking at a location in the pipe. Multiple cracking can continue to spread, i.e. deteriorate, over time. A pipe segment with many and/or recurring category 3 defects is recommended for repair, which can be accomplished by lining the entire sewer segment. A category 2 defect is a single deep crack where the sides of the crack have separated. A type 1 defect is a single hairline crack that has not separated. Type 2 and Type 1 defects do not need to be repaired in the 10-year CIP, and most likely, will not require attention for 10 years or more.

Sewer segments with Structural or Operations and Maintenance (O&M) defects are shown on Figure 5-2. The defects to be repaired are associated with videotaped sewer segments totaling just over 11,000 linear feet (structural & O&M defects), which is the total length of sewer segments videotaped and not the length of sewer defects themselves. For example, a 300-foot-long sewer might have one severe pipe break that is 2-feet long and it is recommended that only that 2-foot-long defect be repaired as a point repair. The length of sewer segment associated with this defect is 300 linear feet. A 300-foot-long sewer segment might have severe



5 – CCTV INSPECTION

cracking at 50% of its joints and it is recommended that the entire sewer segment be replaced. Again, length of sewer segment associated with this defect is 300 linear feet.

Recommended sewer repairs include all sewers with a category 5 defect as well as sewers with numerous category 4 and 3 defects. Within the CIP time frame of 1 to 10 years, sewer repairs for category 5 defects should be prioritized first. In cases where a sewer has a category 5 defect and not many other significant defects, it is recommended that the category 5 defect be repaired via open cut spot repairs. Recommended sewer repairs identified through CCTV inspection along with their repair costs are listed in Table 5-2. As can be seen there are over 11,000 linear feet of pipe recommended for replacement along with six line segments that need to have spot repairs done. The total estimated cost for these repairs is \$2,422,436. The recommended prioritization by basin for these repairs is also shown in Table 5-2.

5.1.2 Sewer Break-In Taps

Factory manufactured sewer laterals are professionally installed when the sewer is constructed or sometimes after a sewer is constructed to receive sanitary wastewater from buildings. Sometimes laterals are connected to a sewer without City authorization and discovered only as a result of video inspection of the sewer. As opposed to factory connections, these “break-in taps” are often crudely hammered into a sewer. Wet-weather infiltration can enter the sewer via the unsealed and often cracked periphery of the connection. Sometimes these break-in taps were made to collect storm water from house roof drains and other area drains. In these cases, they become a major source of wet-weather inflow.

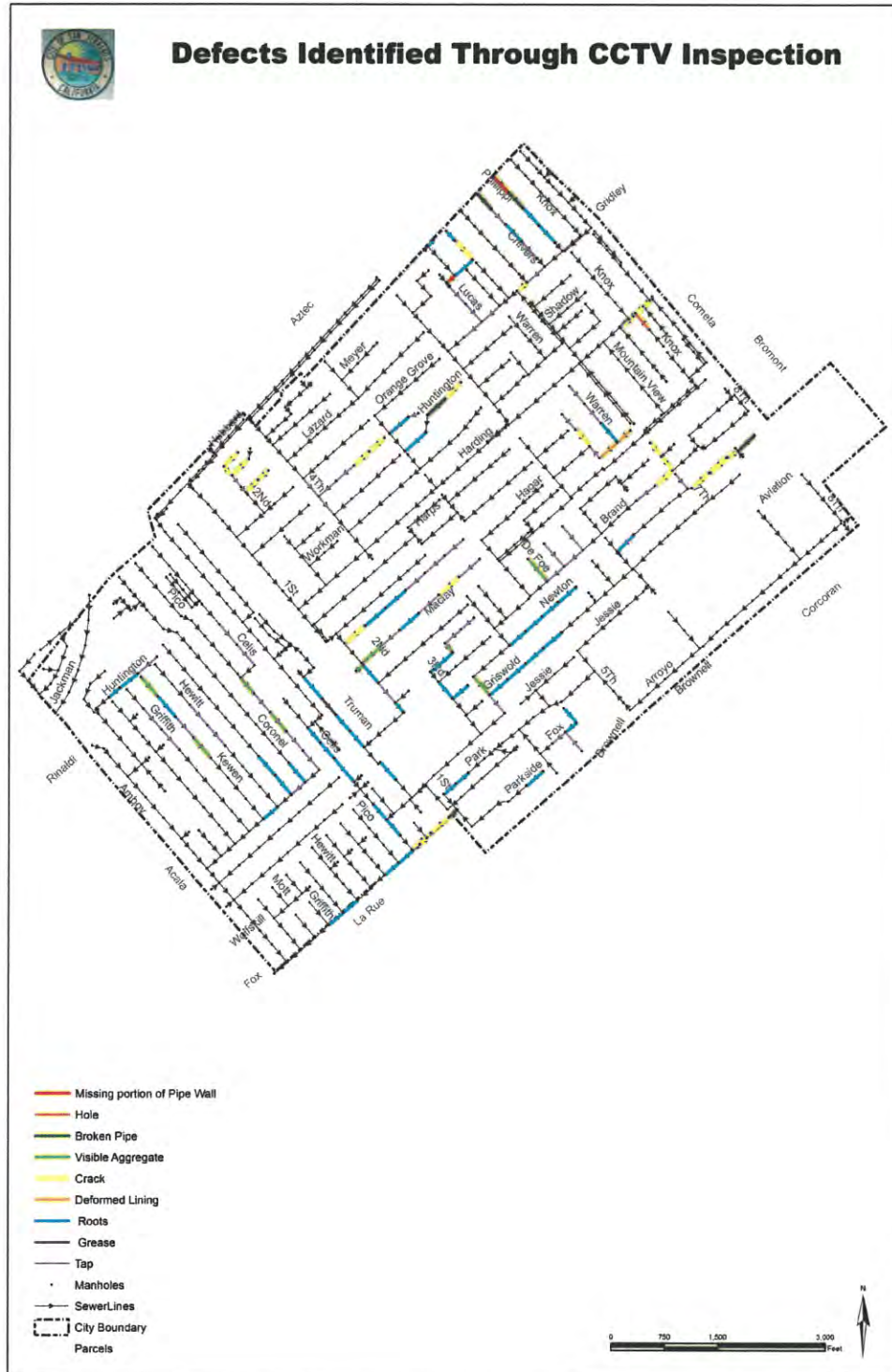
PACP does not categorize break-in taps as structural defects, but rather as “constructional” defects. Sewer segments discovered to have break-in taps are recommended for smoke testing in order to determine the source of the connection and to determine if storm water is being routed into the sewer. Storm water connections need to be disconnected and then rerouted to a nearby storm drain. The sewer pipe will then need to be sealed.

Even if the lateral is determined to convey appropriate sanitary wastewater, the connection will still need to be reconstructed. Break-in taps were typically not constructed per City standards that stipulate a wye fitting for the connection. As a result, water jetting from sewer cleaning can shoot up the lateral connection. It is recommended that new, sealed City standard lateral connections be constructed at these break-in tap locations.



5 – CCTV INSPECTION

Figure 5-2. Sewer System Defects Identified Through CCTV





SEWER SYSTEM MASTER PLAN
FINAL REPORT

5 – CCTV INSPECTION

Table 5-2 Recommended Sewer Rehabilitation – Structural Defects 1/

HFI Pipe No.	Street	Sewer Length (ft)	Sewer CCTV Length (ft)	Pipe Material	Pipe Dia (in)	Structural Defects		Recommended Rehabilitation	Cost/LF (\$)	Total Cost (\$)	Project Group Priority
						Pipe Defects Rating	Total Number Defects				
B1_0018- B1_0019	Knox St	295	300	VCP	8	146	51	Replace Entire Segment	165	49,500	A
B1_0019- B1_0020	Knox St	0	0	VCP	8	18	6	One Point Repair	-	7,000	A
B1_0024- B1_0025	Phillippi St	0	0	VCP	8	16	9	One Point Repair	-	7,000	A
B1_0035- B1_0037	Orange Grove	0	0	VCP	8	10	2	One Point Repair	-	7,000	A
B1_0051- B1_0053	Meyer St	152	152	VCP	8	130	40	Replace Entire Segment	165	25,080	A
B1_0053- B1_0054	Lucas St	67	67	VCP	8	45	14	Replace Entire Segment	165	11,055	A
B1_0095- B1_0098	Harding Av	126	124	VCP	8	37	13	Replace Entire Segment	165	20,460	A
B1_0098- B1_0101	Harding Av	150	149	VCP	8	92	30	Replace Entire Segment	165	24,585	A
B1_0100- B1_0101	Knox St	302	304	VCP	8	95	29	Replace Entire Segment	165	50,160	A
B1_0101- B1_0106	Harding Av	118	125	VCP	8	32	10	Replace Entire Segment	165	20,625	A
B1_0106- B1_0119	Harding Av	180	187	VCP	8	111	36	Replace Entire Segment	165	30,855	A
B1_0112- B1_0113	Harding Av	294	377	DIP	8	216	71	Replace Entire Segment	165	62,205	A
B1_0113- B1_0114	Harding Av	248	236	VCP	8	135	45	Replace Entire Segment	165	38,940	A
B2_0361- B2_0362	4th St	166	173	CP	8	32	17	Replace Entire Segment	165	28,545	B
B2_0369- B2_0370	Newton	278	281	VCP	8	O&M		Replace Entire Segment	165	46,398	B
B2_0374- B2_0378	Warren St	250	251	CP	8	30	10	Replace Entire Segment	165	41,415	B



**SEWER SYSTEM MASTER PLAN
FINAL REPORT**

5 – CCTV INSPECTION

Table 5-2 Recommended Sewer Rehabilitation – Structural Defects

HFI Pipe No.	Street	Sewer Length (ft)	Sewer CCTV Length (ft)	Pipe Material	Pipe Dia (in)	Structural Defects		Recommended Rehabilitation	Cost/LF (\$)	Total Cost (\$)	Project Group Priority
						Pipe Defects Rating	Total Number Defects				
B2_0378- B2_0379	Warren St	0	0	CP	8	5	1	One Point Repair	-	7,000	B
B2_0439- B2_0442	7th St	245	245	VCP	8	130	43	Replace Entire Segment	165	40,425	B
B2_0442- B2_0443	7th St	246	245	VCP	8	159	52	Replace Entire Segment	165	40,425	B
B2_0452- B2_0453	De Foe St	435	256	CP	8	144	48	Replace Entire Segment	165	42,240	B
B2_0464- B2_0465	Newton	306	310	VCP	8	O&M		Replace Entire Segment	165	51,134	B
B2_0468- B2_0496	4th St	340	340	CP	12	201	67	Replace Entire Segment	215	73,100	B
B2_0469- B2_0472	Newton Pl	366	323	VCP	8	194	64	Replace Entire Segment	165	53,295	B
B2_0472- B2_0473	Newton Pl	170	160	VCP	8	83	28	Replace Entire Segment	165	26,400	B
B2_0473- B2_0474	Newton St	320	329	VCP	8	174	58	Replace Entire Segment	165	54,285	B
B2_0475- B2_0476	Newton St	320	323	VCP	8	192	66	Replace Entire Segment	165	53,295	B
B2_0476- B2_0477	Newton St	220	323	VCP	8	202	67	Replace Entire Segment	165	53,295	B
B3_0678- B3_0679	Pico St	285	285	VCP	8	178	61	Replace Entire Segment	165	47,025	C
B3_0680- B3_0681	Pico St	342	345	CP	8	205	70	Replace Entire Segment	165	56,925	C
B3_0696- B3_0697	Coronel	350	357	VCP	8	O&M		Replace Entire Segment	165	58,905	C



**SEWER SYSTEM MASTER PLAN
FINAL REPORT**

5 – CCTV INSPECTION

Table 5-2 Recommended Sewer Rehabilitation – Structural Defects

HFI Pipe No.	Street	Sewer Length (ft)	Sewer CCTV Length (ft)	Pipe Material	Pipe Dia (in)	Structural Defects		Recommended Rehabilitation	Cost/LF (\$)	Total Cost (\$)	Project Group Priority
						Pipe Defects Rating	Total Number Defects				
B3_0697- B3_0698	Coronel	352	357	VCP	8	O&M		Replace Entire Segment	165	58,839	C
B3_0705- B3_0706	Hollister St	352	257	VCP	8	O&M		Replace Entire Segment	165	42,455	C
B3_0706- B3_0707	Hollister St	350	355	VCP	8	O&M		Replace Entire Segment	165	58,526	C
B3_0716- B3_0717	Kewen St	375	356	CP	8	213	74	Replace Entire Segment	165	58,740	C
B3_0719- B3_0720	Kewen St	375	378	CP	8	224	75	Replace Entire Segment	165	62,370	C
B4_0205- B4_0206	Huntington	284	295	VCP	8	65	22	Replace Entire Segment	165	48,675	D
B4_0206- B4_0207	Huntington	284	288	VCP	8	179	59	Replace Entire Segment	165	47,520	D
B4_0223- B4_0224	Huntington	315	315	VCP	8	96	30	Replace Entire Segment	165	51,975	D
B4_0224- B4_0225	Huntington	331	332	VCP	8	144	47	Replace Entire Segment	165	54,780	D
B4_0260- B4_0263	2nd St	167	170	VCP	8	55	23	Replace Entire Segment	165	28,050	D
B4_0262- B4_0263	Meyer St	328	330	VCP	8	180	61	Replace Entire Segment	165	54,450	D
B4_0266- B4_0267	Lazard St	243	350	VCP	8	49	17	Replace Entire Segment	165	57,750	D
B4_0320- B4_0321	Alley	0	0	CP	8	7	2	One Point Repair	-	7,000	D
B4_0323- B4_0324	Maclay Alley	0	0	RCP	8	10	2	One Point Repair	-	7,000	D
B4_0327- B4_0328	Alley Way	350	351	CP	8	208	72	Replace Entire Segment	165	57,915	D
B4_0581- B4_0582	Fox St	0	0	VCP	12	6	2	One Point Repair	-	7,500	D



SEWER SYSTEM MASTER PLAN
FINAL REPORT

5 – CCTV INSPECTION

Table 5-2 Recommended Sewer Rehabilitation – Structural Defects

1/ We have included six segments that had severe O&M issues as part of the rehabilitation plan.

HFI Pipe No.	Street	Sewer Length (ft)	Sewer CCTV Length (ft)	Pipe Material	Pipe Dia (in)	Structural Defects		Recommended Rehabilitation	Cost/LF (\$)	Total Cost (\$)	Project Group Priority
						Pipe Defects Rating	Total Number Defects				
B4_0583- B4_0624	Fox St	346	350	VCP	12	118	45	Replace Entire Segment	215	75,315	D
TOTALS		11,023	11,051							1,907,430	
Estimated Engineering Design @ 10%										190,743	
Contingency @10%										190,743	
Mobilization @ 7%										133,520	
Grand Total										2,422,436	



5 – CCTV INSPECTION

5.2.2 Sewer System Operation and Maintenance Defects

O&M defects include roots and fats oil and grease grease deposits (FOG). Roots occur at pipe joints and at lateral connections. As part of the sewer CCTV conducted for the project, sewers were cleaned in front of the sewer videotaping. However, sewers with different magnitudes of root growth and FOG were still evident. Sewers with high, moderate, or light root growth or FOG are shown on Figure 5-3. "High" is primarily category 4 and 5 defects; "Moderate" is primarily category 3 defects or a high number of category 2 defects; and "Light" is primarily category 2 defects. Category 1 defects are not shown on Figure 5-3, but could be categorized as "Very Light".

The City has identified system hot spots that are susceptible to recurring root and FOG buildup. The City has established its FOG program and its implementing it. HFI has identified several line segments that have O&M issues that need to be monitored and maintained by the City on a regular basis. Additionally, since a FOG Control Program must be tailored to accommodate the specific needs of the City, as the FOG Control Program evolves, the City should evaluate the program and its various components to determine any revisions necessary to further reduce the quantity of FOG being discharged into the sewer system. This section provides draft ordinances for the City to adopt for its FOG Control Program, recommendation on staffing, and a description of the initial efforts to implement a FOG Control Program.

5 – CCTV INSPECTION

Figure 5-3. Sewers with Videotaped O&M Defects





6 – HYDRAULIC MODELING/CAPACITY ANALYSIS

6.0 Sewer System Evaluation Overview

This chapter evaluates the existing wastewater collection system's ability to convey existing peak wet weather flows from current land uses; and future peak wet weather flows. Because most of the City is built out, significant increases in future flows are not projected by the system model. However, flexibility for future redevelopment is established using a system-wide design contingency called reserve capacity. The concept of a reserve capacity contingency is an important consideration because the size and location of future re-development projects is undefined.

The wastewater collection system was evaluated for existing and future conditions using a hydraulic model called InfoSewer, a computer simulation model developed by Innovyze. The model was developed using the physical system information from the GIS. Land use tributary to manholes on the system are then defined and average flows are estimated using the Thiessen Polygon methodology. Collection lines are evaluated based on their ability to convey the projected peak wet weather flow.

Modeling Approach

To minimize the potential for wastewater overflows, the system is sized to convey the peak wet weather flow (PWWF). The PWWF is defined to be equal to the peak dry weather flow (PDWF); plus a contingency for groundwater/seawater infiltration and rainfall dependent inflow, commonly referred to as Infiltration and Inflow (I&I).

The peak dry weather flow is estimated by multiplying projected average daily flows by a peaking factor. The peak wet weather flow was estimated utilizing the County of LA hydrology manual guidelines.

Hydraulic Model Software

InfoSewer (Version 7.6, Update 8) software as manufactured by Innovyze was used to develop a hydraulic model of the City's sanitary sewer system in order to evaluate hydraulic performance and identify hydraulic deficiencies. A 6,000-pipe version software was utilized for this project. Geographic Information System (GIS) of the City's sanitary sewer system was also developed as part of this project. InfoSewer software works directly with GIS shape files.

6.1 Hydraulic Model Development and Flowchart

A modeling flowchart for the development of the sanitary sewer hydraulic model and the model analysis is shown on Figure 6-1. City as-built drawings and atlas maps were used to develop GIS shape files of the City's sanitary sewer system. Attribute data developed include sewer and manhole invert elevations; pipe slope; manhole rim elevations; pipe diameter; and pipe material.

The sewer geodatabase developed by HFI was then imported into the InfoSewer software. The sewer geometry data was then adjusted in the model to resolve GIS connectivity issues. Other adjustments were made as required to conform the GIS data into accurate model data of the City's collection system. The model includes all City sewers in the City's collection system excluding service laterals.



6 – HYDRAULIC MODELING/CAPACITY ANALYSIS

The Load Allocation Module of the InfoSewer software allocates wastewater flows to each manhole based on tributary land use areas, type of development, and unit wastewater generation factors. Polygons were drawn around each manhole drainage area and unit wastewater generation factors developed as developed in Chapter 3 were applied to the respective land uses within each manhole drainage area to develop average dry-weather flow for system manholes. The program then generates Thiessen polygons around each of the manholes in the system and assigns the wastewater flow rates.

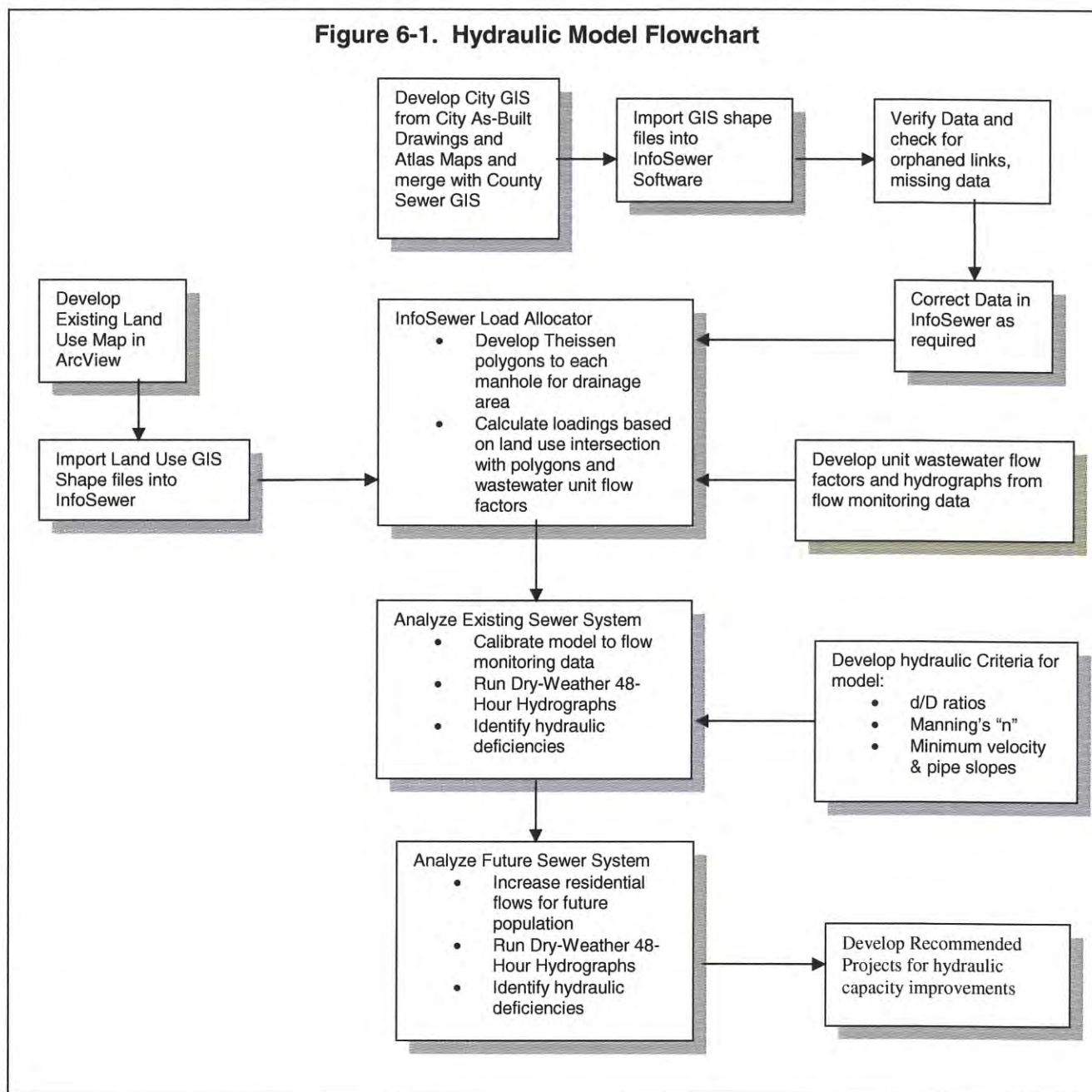
Average dry-weather flow hydrographs were applied at appropriate locations in the model to simulate 24-hour dry-weather flow variations. Average dry-weather flow hydrographs for residential, industrial/commercial, and industrial land use were developed and are presented in Chapter 3.

The Existing System model was then calibrated by adjusting wastewater generation, 24-hour curves, and other model variables until the model results matched the field flow monitoring results for each of the four meter basins within an acceptable level of accuracy. A Future System model of the City's sanitary sewer system was developed to analyze hydraulic performance and identify hydraulic deficiencies in the year 2035.



6 – HYDRAULIC MODELING/CAPACITY ANALYSIS

Figure 6-1. Hydraulic Model Flowchart



Average dry-weather flow hydrographs were applied at appropriate locations in the model to simulate 24-hour dry-weather flow variations. Average dry-weather flow hydrographs for residential, commercial, and industrial land use were applied to manholes receiving flows from that type of land use. These average dry-weather hydrographs are shown in Chapter 3.



6 – HYDRAULIC MODELING/CAPACITY ANALYSIS

The Existing System model was then calibrated by adjusting wastewater generation, 24-hour curves, and other model variables until the model results matched the field flow monitoring results for each of the four meter basins within an acceptable level of accuracy. A Future System model of the City's sanitary sewer system was developed to analyze hydraulic performance and identify hydraulic deficiencies in the year 2035. The Future System model was developed by adjusting demands to reflect future population and land use changes in the City.

Recommended guidelines and criteria to be used in evaluating the collection system with the hydraulic model was then developed including depth over diameter (d/D) ratios, sewer friction coefficients, and minimum velocities and slopes. The City's existing and future sewer systems were analyzed for hydraulic performance and hydraulic deficiencies were identified. Projects were then developed to address hydraulic deficiencies in the system.

6.2 Sanitary Sewer Analysis Criteria

Sanitary sewer analysis criteria were established for maximum depth of flow in the pipe, minimum pipe velocity at peak dry-weather flow, minimum pipe slope, and pipe friction factors.

6.2.1 Depth over Diameter (d/D) Ratios

When it rains, rain water in the form of inflow and infiltration (I/I) enters the sewer system via openings in the system. This results in wet-weather peak flows that can occur on top of dry-weather peak flows. Peak wet-weather flows are accounted for by designing sewers to carry peak-dry weather flows at maximum sewer flow depth over diameter (d/D) ratios. The remainder of the pipe flow area is reserved to carry wet weather flow on top of peak dry-weather flow. In evaluating sewer capacity as part of this Master Plan, the maximum d/D ratio to carry peak dry-weather flow will be 0.50 for sewers 12 inches in diameter or smaller and will be 0.75 for sewers 15 inches in diameter or greater as shown in Table 6-1. This d/D criterion is consistent with industry standards.

Table 6-1. Peak Dry-Weather Flow Depth/Pipe Diameter (d/D)

Pipe Size (in)	Maximum Depth/Diameter (d/D)
8 to 12	0.50
15 and larger	0.75

6.2.2 Minimum Velocity

From an operational perspective, a minimum peak flow velocity of 2 feet per second is desirable to scour the line and prevent significant solids deposition. Lines in the system that do not develop adequate cleansing velocity (flat lines, low spots, or lines with low flows) need to be given priority status in the City's line cleaning program. Every attempt was made to utilize data from as-builts for the modeling. However, because of lack of available as-builts, extrapolation was utilized to calculate missing inverts and slopes.



6 – HYDRAULIC MODELING/CAPACITY ANALYSIS

6.2.3 Minimum Pipe Slopes

Minimum pipe slope by pipe diameter is shown in Table 6-2. These are typical of minimum pipe slopes used by other agencies and cities to help ensure adequate pipe capacities. Minimum slope is a construction standard that helps ensure that d/D ratios and other hydraulic criteria are met. Pipes that have slopes less than the minimum will have higher levels and lower velocities at normal flows and are more likely to surcharge at high flows.

Table 6-2. Minimum Slopes for Sanitary Sewers

Pipe Diameter (inches)	Slope (ft/ft)
8	0.0040
10	0.0032
12	0.0024
15	0.0016
18	0.0014
21	0.0012
24	0.0010
27 and larger	0.0008

6.2.4 Pipe Friction Factors

Friction occurs when a liquid flows over a pipe surface. The friction resists and retards the flow and causes the flow depth to increase. The magnitude of the resistance depends on the pipe material, the types of pipe joints, and the age of the pipe. Pipes generally become rougher with age. Bell and spigot joints associated with vitrified clay pipe (VCP) have more friction than joints that are more seamless such as a plastic slipline.

Friction for sewer pipe is typically measured using Manning's "n" coefficients. Friction increases with higher n values. PVC and other plastics such as high-density polyethylene (HDPE) are very smooth and do not degrade much over time. New, these plastics have an n value of approximately 0.009, and the n value increases to only 0.010 after 20 years. The material is associated with trenchless pipe rehabilitation such as cured-in-place (CIPP) pipe and plastic sliplines have similar n values.

VCP is less smooth and also degrades more over time. The bell and spigot joints of VCP also contribute to a higher friction coefficient. New, VCP (including the joints) has an n value of approximately 0.011 and the n value increases to 0.013 after 20 years.

However, the actual pipe material might not be completely relevant in determining actual pipe friction. Some research studies have shown that a slime layer eventually builds up on any municipal sanitary sewer pipe surface and that the slime layer effectively becomes the pipe



6 – HYDRAULIC MODELING/CAPACITY ANALYSIS

surface. These studies have indicated that the average Manning's n value for any sewer pipe material with a slime layer is 0.013. The pipes evaluated for the City are generally 60-80 years old. To be conservative, a Manning's n value of 0.015 was used to hydraulically evaluate all sewers in this Master Plan.

6.2.5 Future Conditions - Wet Weather Analysis

The Future System model was developed by adjusting demands to reflect future population and land use changes in the City and was analyzed for Peak Wet Weather Flow (PWWF) conditions. The analyses assumed the storm would occur during the peak diurnal period of dry weather flow conditions with peak infiltration. Flow data was used to calculate peak wet weather storm. This scenario (PWWF, Year 2035) proved to be the worst case scenario and generated 105 line segments that were hydraulically deficient. Appendix A shows the tabular result of the model run for this scenario.

6.2.6 Design Capacity

Recommended guidelines and criteria to be used in evaluating the collection system with the hydraulic model was then developed including depth over diameter (d/D) ratios, sewer friction coefficients, and minimum velocities and slopes. The design capacity of collection lines are established in the model as previously mentioned and summarized as follows. Lines will be considered over- capacity if they cannot convey the peak dry weather flow using 50 percent of actual capacity (for pipes 12 inches and smaller) and 75 percent of actual capacity (for pipes 15 inches and larger) based on the hydraulic criteria. The remaining 25 percent capacity is allocated for Infiltration and Inflow, Reserve Capacity Contingency and variations in flows.

6.3 Hydraulic Model Calibration

The Existing System model was calibrated by adjusting wastewater generation, 24-hour curves, and other model variables until the model results matched the field flow monitoring results for each of the four meter basins within an acceptable level of accuracy. The output results compared with the meter data are within 10% accuracy for all four basins.

6.4 Comparison of Existing and Future Model Flows

A Future System model of the City's sanitary sewer system was developed to analyze hydraulic performance and identify hydraulic deficiencies in the year 2035. The makeup of the Future System model is the same as the Existing System model with the following exceptions: wastewater generation for all of the R residential land use categories were increased by approximately 6% to account for the projected population increase in 2035. Also, properties planned for future redevelopment that impact the City's sanitary sewers were adjusted to the appropriate future wastewater generation corresponding to their planned land use and adjusted flows were developed at the appropriate locations in Future System model.

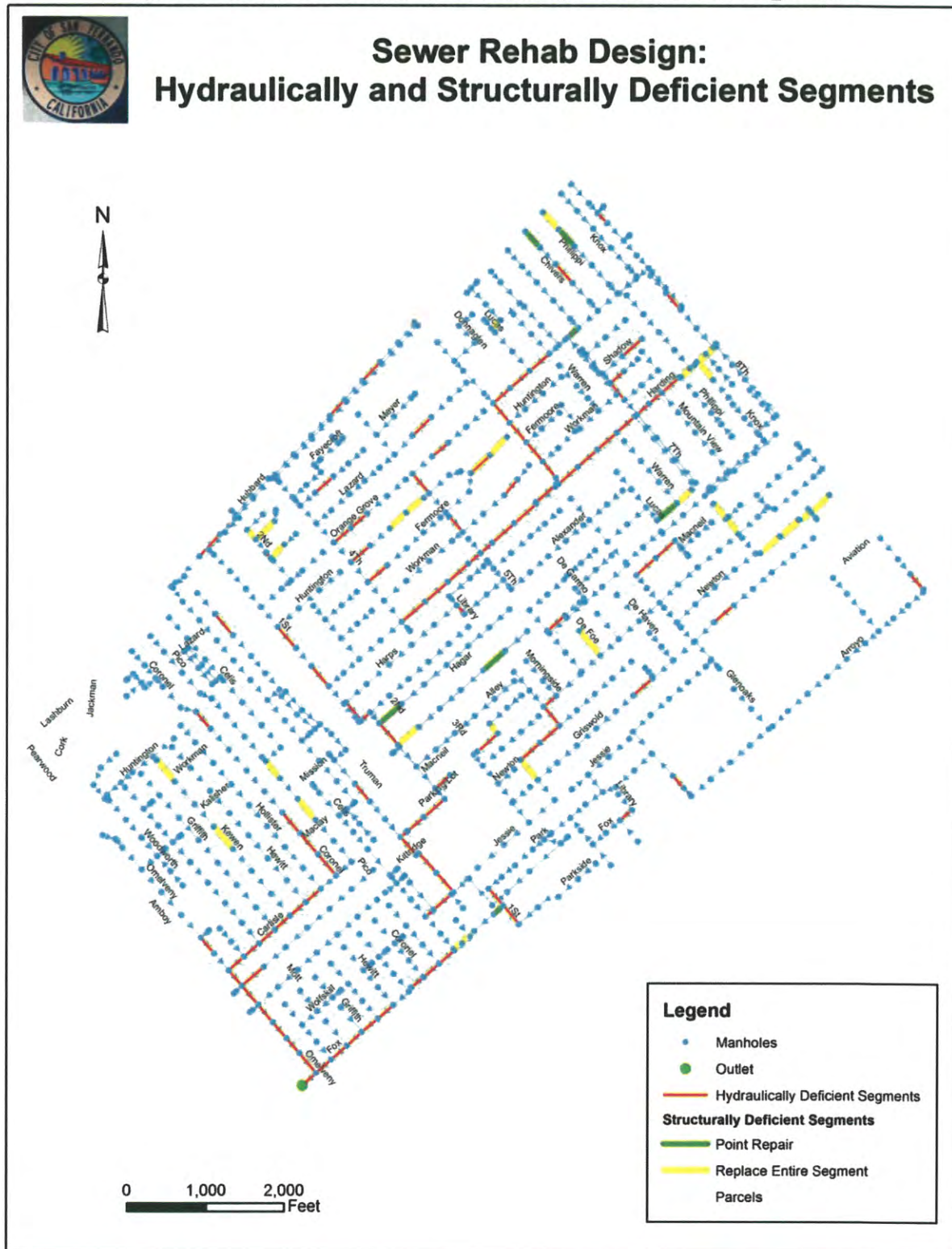
6.5 Recommended Hydraulic Improvements

The City's existing and future sewer systems were analyzed for hydraulic performance and hydraulic deficiencies were identified. Projects were then developed to address hydraulic deficiencies in the system under worst conditions which in this case was PWWF, Year 2035. Combining the results of the hydraulic model with the CCTV inspection yielded only one segment which was both hydraulically and structurally deficient. Figure 6-2 shows a map of this combination.



6 – HYDRAULIC MODELING/CAPACITY ANALYSIS

Figure 6-2, Hydraulically and Structurally Deficient Line Segments





6 – HYDRAULIC MODELING/CAPACITY ANALYSIS

Based on the results of the hydraulic analysis, and CCTV inspection, recommended improvement projects addressing both are shown in Table 6-3 and are shown on Figure 6-3. These projects have sewer pipe segments that exceed d/D criteria. Note: There are several relief lines as part of this design in Basin 4, upstream of the outlet.



6 – HYDRAULIC MODELING/CAPACITY ANALYSIS

Figure 6-3 – Sewer Rehabilitation Preliminary Design





6 – HYDRAULIC MODELING/CAPACITY ANALYSIS

A project is a run of sewer segments that ultimately discharge to a larger sewer. Some intermediate or downstream segments might not have a d/D hydraulic deficiency. However, it is not good engineering practice to improve an upstream segment while leaving a downstream segment the same. Therefore all segments in a run are recommended to either be replaced with a larger sewer or paralleled with a second sewer. A total of approximately 26,000 feet of sewers are recommended for hydraulic improvement. A total of just over 11,000 linear feet of sewers are recommended for structural improvement.



7 – CIP DEVELOPMENT/COST ANALYSIS

7.0 Overview

Capital costs were estimated for all projects recommended in previous chapters of the sewer system master plan. The projects were prioritized consistent with the severity of a deficiency and were allocated to a recommended 10-year Sewer Capital Improvement Program (CIP) schedule.

7.1 Recommended Projects

Brief description and estimated capital costs of recommended projects are provided below. Construction costs were estimated assuming 7% for project mobilization, 10% for engineering design and using a 10% construction contingency. Capital costs were developed as 30% of construction costs to account for technical, legal, and administrative costs associated with a project. Table 7-1 shows the prioritized list of hydraulically deficient lines.

Table 7-1 is shown in Exhibit A.



7 – CIP DEVELOPMENT/COST ANALYSIS

7.1.1 Sewer Rehabilitation

Severe structural defects associated with sewers totaling 11,000 feet were identified. These severe defects warrant repair within the 10-year CIP.

Recommended sewer repairs include all sewers with a category 5 defect as well as sewers with numerous category 4 and 3 defects. Within the CIP time frame of 1 to 5 years, sewer repairs for category 5 defects should be prioritized first. In cases where a sewer has a category 5 defect and not many other significant defects, it is recommended that the category 5 defect be repaired via open cut spot repairs.

If a sewer has category 5 defects as well as significant other defects, then it is recommended that the entire sewer segment be lined via an appropriate trenchless technology as described in Chapter 5. Category 5 defects can be rehabilitated by lining, without first repairing the category 5 defects by open cut spot repair, if the pipe is not collapsed or the defect does not block intrude into the pipe flowway. Otherwise the category 5 defect will need to be repaired first.

A category 4 defect is a severe fracture or breaking of the pipe that could become a category 5 defect in the near future, or it can be a severe offset joint. A lone category 4 defect was typically not recommended for repair within the 10-year CIP, but a sewer segment with multiple category 4 defects was recommended for repair, especially if they were occurring in conjunction with other category 3 and 2 defects.

A category 4 defect is a severe fracture or breaking of the pipe that could become a category 5 defect in the near future, or it can be a severe offset joint. Most category 4 defects can be repaired by lining the sewer segment as opposed to constructing point repairs. A category 3 defect is multiple cracking at a location in the pipe. Multiple cracking can continue to spread, i.e. deteriorate, over time. A pipe segment with many and/or recurring category 3 defects is recommended for repair, which can be accomplished by lining the entire sewer segment.

The capital cost to implement sewer rehabilitation is estimated at \$9.96 million dollars. Detailed cost estimates are provided in the Appendix of this report.



7 – CIP DEVELOPMENT/COST ANALYSIS

7.1.2 Additional Sewer CCTV

As part of the Master Plan, approximately 56,127 linear feet (10.63 miles) of City sewers were videotaped using closed circuit television (CCTV), which is 25.6 percent of the City's total collection system. The sewer CCTV was conducted to identify defects, rate defects, and then incorporate recommended improvements into the CIP.

It is recommended that the City CCTV an additional 25% of its system for the next three years out of its 10-Year CIP to achieve 100% completion, (fiscal years 2014/2015, 2015/2016, and 2016/2017) at an estimated cost of \$60,000 per year for three years, to identify additional sewer defects that need rehabilitation, and then include the rehabilitation of defective sewers as projects in a revised/expanded CIP.

7.1.3 Manhole Investigations

Manholes are structural cornerstones of the collection system and should be inspected periodically and rehabilitated or replaced as required to ensure collection system structural integrity. Manholes can exhibit wall cracking, damaged/corroded frames and lids, corroded and damaged ladders, and damaged benches, among other defects. Consequently, defective or poorly located manholes are primary sources of sewer system inflow and infiltration.

Infiltration via rain-induced groundwater percolation can enter the sewer system through openings/cracks in manhole walls. Manholes can also receive excessive surface runoff (inflow) because of their location in or adjacent to surface drainage such as in or near street gutters or because they are located in confined and/or recessed areas that make the manhole act as a surface drain.

There are approximately 834 manholes in the City's sewer system. It is recommended that the City inspect these manholes as well as perform Smoke Testing, Dye Testing, and other I/I related field investigations within the first two years of the 10-year CIP. This I/I field investigation to quantify additional I/I sources is estimated at \$200,000. Once the I/I project is done it will identify needed funding to include the rehabilitation or replacement of defective manholes as projects in a revised/expanded CIP.

7.1.4 Sewer Capacity Projects

The City's existing and future sewer systems were analyzed for hydraulic performance and hydraulic deficiencies were identified. Projects were then developed to address hydraulic deficiencies in the system.

The total capital cost of the hydraulic improvement projects is estimated at \$7,573,421. The total capital cost for structural improvement projects is estimated at \$2,422,436 million in year 2014 dollars. The Grand Total for sewer system rehabilitation is then estimated at \$9,995,857. Detailed cost estimates are provided in Table 5-2 as well as the Appendix of this report. The sewer costs were based on open-cut excavation. There are also a series of pipe recommended to be paralleled with a second sewer. There are pros and cons to any of these methods and the decision to replace or parallel a sewer should be decided in design. For this Master Plan, open-cut pipe replacement is assumed.



7 – CIP DEVELOPMENT/COST ANALYSIS

7.2 Recommended Capital Improvement Program

The recommended Sewer Capital Improvement Program is shown in Table 7-2.



SEWER SYSTEM MASTER PLAN
FINAL REPORT

7 – CIP DEVELOPMENT/COST ANALYSIS

Table 7-2. Recommended 10-Year Capital Improvement Program

Table 7-2											
10-Year Capital Improvement Program											
CAPITAL PROJECT	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTALS
Engineering Design for Sewer Rehab.	300,000										300,000
I/I Field Study & Analysis		200,000									200,000
CCTV of Sewer Lines	60,000	60,000	60,000								180,000
Work Order System		100,000									100,000
Collection System Rehabilitation											-
Sewer Rehab. Projects		1,110,651	1,110,651	1,110,651	1,110,651	1,110,651	1,110,651	1,110,651	1,110,651	1,110,651	9,995,859
Total Capital Expenses	360,000	1,470,651	1,170,651	1,110,651	1,110,651	1,110,651	1,110,651	1,110,651	1,110,651	1,110,651	10,775,859



**SEWER SYSTEM MASTER PLAN
FINAL REPORT**

APPENDIX A



APPENDIX B

Design Table 6-3																						
ID	From ID	To ID	Diameter	Length	Existing Flow	Existing Velocity	d/D Ratio	Analysis Flow	Analysis Excess	Analysis d/D Ratio	Design Flow	Design Excess	Design d/D Ratio	Replacement Diameter	Replacement Velocity	Replacement d/D Ratio	Unit Cost	Replacement Cost	Parallel Diameter	Parallel Velocity	Parallel d/D Ratio	Parallel Cost
			(in)	(ft)	(cfs)	(ft/s)		(cfs)	(cfs)		(cfs)	(cfs)		(in)	(ft/s)		(\$)	(\$)	(in)	(ft/s)		(\$)
B4_0625-B4_0629	B4_0625	B4_0629	18	260	9.21	5.21	1.00	5.24	-3.97	0.75	5.24	-3.97	0.75	30	4.83	0.41	340	88311				
B4_0629-B4_0634	B4_0629	B4_0634	18	257	9.27	5.24	1.00	5.24	-4.03	0.75	5.24	-4.03	0.75	30	4.84	0.41	340	87484				
B4_0240-B4_0248	B4_0240	B4_0248	15	363	3.69	4.64	0.62	2.63	-1.06	0.5	2.63	-1.06	0.50	18	5.18	0.42	240	87125				
B4_0336-B4_0338	B4_0336	B4_0338	15	360	5.17	5.71	0.69	3.14	-2.04	0.5	3.14	-2.04	0.50	18	6.45	0.46	240	86395				
B4_0321-B4_0328	B4_0321	B4_0328	15	360	4.87	3.97	1.00	1.72	-3.16	0.5	1.72	-3.16	0.50	18	4.01	0.65	240	86394				
B4_0239-B4_0240	B4_0239	B4_0240	15	359	3.67	4.64	0.62	2.63	-1.04	0.5	2.63	-1.04	0.50	18	5.18	0.42	240	86150				
B4_0170-B4_0239	B4_0170	B4_0239	10	391	2.86	5.24	1.00	1.25	-1.61	0.5	1.25	-1.61	0.50	15	6.24	0.40	220	86018				
B4_0339-B4_0340	B4_0339	B4_0340	15	348	5.24	4.27	1.00	1.88	-3.36	0.5	1.88	-3.36	0.50	18	4.37	0.64	240	83577				
B3_0767-B3_0769	B3_0767	B3_0769	8	379	0.30	1.71	0.50	0.30	0.00	0.5	0.30	0.00	0.50	15	1.80	0.19	220	83487				
B4_0169-B4_0170	B4_0169	B4_0170	10	376	2.84	5.22	1.00	1.13	-1.72	0.5	1.13	-1.72	0.50	15	5.78	0.42	220	82719				
B1_0160-B1_0161	B1_0160	B1_0161	15	345	2.73	2.22	1.00	1.10	-1.63	0.5	1.10	-1.63	0.50	18	2.50	0.59	240	82694				
B1_0164-B1_0165	B1_0164	B1_0165	10	375	2.80	5.13	1.00	1.39	-1.41	0.5	1.39	-1.41	0.50	15	6.71	0.37	220	82498				
B1_0163-B1_0164	B1_0163	B1_0164	10	375	2.77	5.08	1.00	1.14	-1.64	0.5	1.14	-1.64	0.50	15	5.77	0.41	220	82498				
B4_0791-OUTLET	B4_0791	OUTLET	18	238	10.83	6.13	1.00	8.31	-2.52	0.75	8.31	-2.52	0.75	30	7.06	0.35	340	80879				
B4_0357-B4_0358	B4_0357	B4_0358	15	331	5.42	4.42	1.00	1.99	-3.44	0.5	1.99	-3.44	0.50	18	4.60	0.63	240	79511				
B4_0358-B4_0507	B4_0358	B4_0507	15	330	5.45	4.44	1.00	2.51	-2.94	0.5	2.51	-2.94	0.50	18	5.52	0.55	240	79142				
B4_0330-B4_0336	B4_0330	B4_0336	15	327	5.05	5.69	0.68	3.14	-1.91	0.5	3.14	-1.91	0.50	18	6.41	0.46	240	78597				
B4_0277-B4_0278	B4_0277	B4_0278	8	355	0.50	2.79	0.51	0.48	-0.02	0.5	0.48	-0.02	0.50	15	2.94	0.20	220	78154				
B3_0697-B3_0698	B3_0697	B3_0698	8	352	0.22	1.95	0.36	0.40	0.18	0.5	0.40	0.18	0.50	15	2.02	0.15	220	77449				
B4_0168-B4_0169	B4_0168	B4_0169	10	349	2.83	5.20	1.00	1.08	-1.75	0.5	1.08	-1.75	0.50	15	5.60	0.43	220	76779				
B2_0390-B2_0391	B2_0390	B2_0391	8	346	0.06	1.98	0.14	0.71	0.65	0.5	0.71	0.65	0.50	15	2.01	0.06	220	76124				
B4_0279-B4_0280	B4_0279	B4_0280	8	335	0.56	2.52	0.61	0.41	-0.15	0.5	0.41	-0.15	0.50	15	2.71	0.23	220	73705				
B4_0224-B4_0225	B4_0224	B4_0225	8	331	0.05	0.19	0.73	0.03	-0.02	0.5	0.03	-0.02	0.50	15	0.21	0.26	220	72817				
B2_0466-B2_0467	B2_0466	B2_0467	10	330	1.07	3.59	0.54	0.95	-0.12	0.5	0.95	-0.12	0.50	15	3.90	0.28	220	72619				
B2_0467-B2_0468	B2_0467	B2_0468	10	330	1.09	3.60	0.54	0.95	-0.13	0.5	0.95	-0.13	0.50	15	3.92	0.28	220	72619				
B1_0156-B1_0157	B1_0156	B1_0157	8	330	1.13	4.80	0.64	0.77	-0.36	0.5	0.77	-0.36	0.50	15	5.19	0.23	220	72604				
B1_0158-B1_0159	B1_0158	B1_0159	8	330	1.19	5.06	0.64	0.81	-0.38	0.5	0.81	-0.38	0.50	15	5.46	0.23	220	72604				
B1_0056-B1_0057	B1_0056	B1_0057	8	330	1.00	3.32	0.80	0.51	-0.49	0.5	0.51	-0.49	0.50	15	3.73	0.27	220	72599				
B1_0157-B1_0158	B1_0157	B1_0158	8	330	1.15	4.83	0.65	0.77	-0.39	0.5	0.77	-0.39	0.50	15	5.22	0.24	220	72590				
B2_0496-B2_0497	B2_0496	B2_0497	12	330	1.41	3.54	0.51	1.38	-0.03	0.5	1.38	-0.03	0.50	15	3.89	0.34	220	72588				
B1_0043-B1_0056	B1_0043	B1_0056	8	329	0.75	3.57	0.58	0.59	-0.17	0.5	0.59	-0.17	0.50	15	3.82	0.22	220	72375				
B4_0355-B4_0356	B4_0355	B4_0356	15	301	5.40	4.40	1.00	1.99	-3.41	0.5	1.99	-3.41	0.50	18	4.60	0.63	240	72237				
B3_0790-B4_0791	B3_0790	B4_0791	8	327	1.65	4.72	1.00	0.60	-1.05	0.5	0.60	-1.05	0.50	15	4.84	0.32	220	71999				
B4_0280-B4_0281	B4_0280	B4_0281	15	299	4.32	4.70	0.70	2.57	-1.75	0.5	2.57	-1.75	0.50	18	5.31	0.47	240	71746				
B1_0065-B1_0069	B1_0065	B1_0069	10	326	1.35	4.65	0.53	1.24	-0.11	0.5	1.24	-0.11	0.50	15	5.05	0.27	220	71626				
B1_0072-B1_0086	B1_0072	B1_0086	10	325	1.48	3.16	0.80	0.76	-0.72	0.5	0.76	-0.72	0.50	15	3.62	0.37	220	71589				
B4_0509-B4_0511	B4_0509	B4_0511	15	298	6.96	5.67	1.00	3.04	-3.92	0.5	3.04	-3.92	0.50	18	6.78	0.56	240	71561				
B1_0069-B1_0072	B1_0069	B1_0072	10	325	1.42	3.15	0.77	0.75	-0.67	0.5	0.75	-0.67	0.50	15	3.58	0.36	220	71507				
B2_0367-B2_0368	B2_0367	B2_0368	8	325	0.06	1.99	0.14	0.70	0.65	0.5	0.70	0.65	0.50	15	2.02	0.06	220	71504				
B2_0490-B2_0491	B2_0490	B2_0491	8	324	0.29	3.10	0.31	0.69	0.40	0.5	0.69	0.40	0.50	15	3.20	0.13	220	71279				
B4_0634-B4_0635	B4_0634	B4_0635	18	206	9.32	5.28	1.00	5.22	-4.10	0.75	5.22	-4.10	0.75	30	4.83	0.42	340	70007				
B3_0779-B3_0787	B3_0779	B3_0787	12	315	1.56	3.24	0.59	1.20	-0.37	0.5	1.20	-0.37	0.50	15	3.60	0.38	220	69339				
B2_0461-B2_0466	B2_0461	B2_0466	10	313	1.01	3.36	0.54	0.89	-0.12	0.5	0.89	-0.12	0.50	15	3.66	0.28	220	68853				
B1_0155-B1_0156	B1_0155	B1_0156	8	310	1.11	4.05	0.73	0.63	-0.49	0.5	0.63	-0.49	0.50	15	4.47	0.26	220	68239				
B4_0307-B4_0308	B4_0307	B4_0308	8	301	1.30	3.72	1.00	0.32	-0.98	0.5	0.32	-0.98	0.50	15	2.91	0.39	220	66183				
B1_0119-B1_0132	B1_0119	B1_0132	8	300	0.51	3.69	0.42	0.70	0.18	0.5	0.70	0.18	0.50	15	3.85	0.17	220	66097				
B4_0278-B4_0279	B4_0278	B4_0279	8	300	0.53	2.99	0.51	0.52	-0.01	0.5	0.52	-0.01	0.50	15	3.16	0.19	220	65998				
B1_0057-B1_0065	B1_0057	B1_0065	8	294	1.05	3.01	1.00	0.51	-0.54	0.5	0.51	-0.54	0.50	15	3.79	0.28	220	64678				
B3_0787-B3_0788	B3_0787	B3_0788	12	289	1.62	3.51	0.57	1.31	-0.32	0.5	1.31	-0.32	0.50	15	3.88	0.37	220	63595				
B4_0649-B4_0651	B4_0649	B4_0651	18	264	9.43	5.34	1.00	8.31	-1.12	0.75	8.31	-1.12	0.75				220		18	5.89	0.49	57997
B4_0340-B4_0341	B4_0340	B4_0341	15	263	5.27	4.30	1.00	2.55	-2.72	0.5	2.55	-2.72	0.50	18	5.55	0.53	240	63012				
B4_0248-B4_0249	B4_0248	B4_0249	15	262	3.84	4.51	0.65	2.51	-1.33	0.5	2.51	-1.33	0.50	18	5.06	0.44	240	62858				
B4_0645-B4_0649	B4_0645	B4_0649	18	262	9.40	5.32	1.00	8.31	-1.09	0.75	8.31	-1.09	0.75				220		18	5.89	0.49	57562
B4_0653-B4_0662	B4_0653	B4_0662	18	261	9.47	5.36	1.00	8.32	-1.15	0.75	8.32	-1.15	0.75				220		18	5.90	0.49	57498
B4_0575-B4_0581	B4_0575	B4_0581	12	285	1.80	5.14	0.46	2.10	0.30	0.5	2.10	0.30	0.50	15	5.63	0.31	220	62698				
B1_0122-B1_0125	B1_0122	B1_0125	8	284	0.05	2.00	0.12	0.78	0.73	0.5	0.78	0.73	0.50	15	2.02	0.05	220	62436				
B4_0640-B4_0645	B4_0640	B4_0645	18	260	9.37	5.30	1.00	8.32	-1.05	0.75	8.32	-1.05	0.75				220		18	5.88	0.49	57092
B4_0662-B4_0791	B4_0662	B4_0791	18	258	9.53	5.39	1.00	8.32	-1.21	0.75	8.32	-1.21	0.75				220		18	5.91	0.49	56817
B4_0651-B4_0653	B4_0651	B4_0653	18	257	9.45	5.35	1.00	8.32	-1.13	0.75	8.32	-1.13	0.75				220		18	5.90	0.49	56591
B1_0143-B1_0147	B1_0143	B1_0147	8	277	0.18	1.97	0.31	0.43	0.25	0.5	0.43	0.25	0.50	15	2.03	0.13	220	60987				

Design Table 6-3

[illegible]

Prioritization by Basin for Hydraulically Deficient Line Segments
Table 7-1

ID	From ID	To ID	Diameter (in)	Length (ft)	Replacement Diameter (in)	Project Group Label
B1_0007-B1_0008	B1_0007	B1_0008	8	254	15	A
B1_0043-B1_0056	B1_0043	B1_0056	8	329	15	A
B1_0049-B1_0050	B1_0049	B1_0050	8	277	15	A
B1_0056-B1_0057	B1_0056	B1_0057	8	330	15	A
B1_0057-B1_0065	B1_0057	B1_0065	8	294	15	A
B1_0065-B1_0069	B1_0065	B1_0069	10	326	15	A
B1_0069-B1_0072	B1_0069	B1_0072	10	325	15	A
B1_0072-B1_0086	B1_0072	B1_0086	10	325	15	A
B1_0086-B1_0087	B1_0086	B1_0087	10	263	15	A
B1_0087-B1_0159	B1_0087	B1_0159	10	86	15	A
B1_0119-B1_0132	B1_0119	B1_0132	8	300	15	A
B1_0122-B1_0125	B1_0122	B1_0125	8	284	15	A
B1_0132-B1_0133	B1_0132	B1_0133	8	207	15	A
B1_0133-B1_0151	B1_0133	B1_0151	8	206	15	A
B1_0143-B1_0147	B1_0143	B1_0147	8	277	15	A
B1_0151-B1_0155	B1_0151	B1_0155	8	35	15	A
B1_0155-B1_0156	B1_0155	B1_0156	8	310	15	A
B1_0156-B1_0157	B1_0156	B1_0157	8	330	15	A
B1_0157-B1_0158	B1_0157	B1_0158	8	330	15	A
B1_0158-B1_0159	B1_0158	B1_0159	8	330	15	A
B1_0159-B1_0160	B1_0159	B1_0160	10	28	15	A
B1_0160-B1_0161	B1_0160	B1_0161	15	345	18	A
B1_0161-B1_0163	B1_0161	B1_0163	15	22	18	A
B1_0163-B1_0164	B1_0163	B1_0164	10	375	15	A
B1_0164-B1_0165	B1_0164	B1_0165	10	375	15	A
B1_0165-B4_0167	B1_0165	B4_0167	10	196	15	A
B2_0367-B2_0368	B2_0367	B2_0368	8	325	15	B
B2_0390-B2_0391	B2_0390	B2_0391	8	346	15	B
B2_0399-B2_0400	B2_0399	B2_0400	8	30	15	B
B2_0458-B2_0461	B2_0458	B2_0461	10	211	15	B
B2_0461-B2_0466	B2_0461	B2_0466	10	313	15	B
B2_0466-B2_0467	B2_0466	B2_0467	10	330	15	B
B2_0467-B2_0468	B2_0467	B2_0468	10	330	15	B
B2_0490-B2_0491	B2_0490	B2_0491	8	324	15	B
B2_0496-B2_0497	B2_0496	B2_0497	12	330	15	B
B3_0697-B3_0698	B3_0697	B3_0698	8	352	15	C
B3_0707-B3_0715	B3_0707	B3_0715	8	260	15	C
B3_0715-B3_0723	B3_0715	B3_0723	8	260	15	C
B3_0723-B3_0731	B3_0723	B3_0731	8	261	15	C
B3_0731-B3_0742	B3_0731	B3_0742	10	261	15	C
B3_0742-B3_0745	B3_0742	B3_0745	10	257	15	C
B3_0745-B3_0771	B3_0745	B3_0771	10	261	15	C
B3_0767-B3_0769	B3_0767	B3_0769	8	379	15	C
B3_0769-B3_0770	B3_0769	B3_0770	8	260	15	C
B3_0771-B3_0779	B3_0771	B3_0779	12	260	15	C
B3_0779-B3_0787	B3_0779	B3_0787	12	315	15	C
B3_0787-B3_0788	B3_0787	B3_0788	12	289	15	C
B3_0788-B3_0789	B3_0788	B3_0789	8	270	15	C
B3_0789-B3_0790	B3_0789	B3_0790	8	251	15	C
B3_0790-B4_0791	B3_0790	B4_0791	8	327	15	C
B4_0167-B4_0168	B4_0167	B4_0168	10	204	15	D
B4_0168-B4_0169	B4_0168	B4_0169	10	349	15	D
B4_0169-B4_0170	B4_0169	B4_0170	10	376	15	D
B4_0170-B4_0239	B4_0170	B4_0239	10	391	15	D
B4_0224-B4_0225	B4_0224	B4_0225	8	331	15	D
B4_0227-B4_0228	B4_0227	B4_0228	8	64	15	D
B4_0228-B4_0233	B4_0228	B4_0233	8	260	15	D
B4_0239-B4_0240	B4_0239	B4_0240	15	359	18	D
B4_0240-B4_0248	B4_0240	B4_0248	15	363	18	D
B4_0248-B4_0249	B4_0248	B4_0249	15	262	18	D
B4_0249-B4_0280	B4_0249	B4_0280	15	250	18	D
B4_0264-B4_0267	B4_0264	B4_0267	8	97	15	D
B4_0277-B4_0278	B4_0277	B4_0278	8	355	15	D
B4_0278-B4_0279	B4_0278	B4_0279	8	300	15	D
B4_0279-B4_0280	B4_0279	B4_0280	8	335	15	D
B4_0280-B4_0281	B4_0280	B4_0281	15	299	18	D
B4_0281-B4_0282	B4_0281	B4_0282	15	216	18	D
B4_0281-B4_0307	B4_0281	B4_0307	8	30	15	D
B4_0282-B4_0283	B4_0282	B4_0283	15	65	18	D
B4_0283-B4_0284	B4_0283	B4_0284	15	20	18	D
B4_0284-B4_0308	B4_0284	B4_0308	15	30	18	D
B4_0307-B4_0308	B4_0307	B4_0308	8	301	15	D
B4_0308-B4_0314	B4_0308	B4_0314	15	150	18	D
B4_0314-B4_0321	B4_0314	B4_0321	15	180	18	D
B4_0321-B4_0328	B4_0321	B4_0328	15	360	18	D
B4_0328-B4_0330	B4_0328	B4_0330	15	33	18	D
B4_0330-B4_0336	B4_0330	B4_0336	15	327	18	D
B4_0336-B4_0338	B4_0336	B4_0338	15	360	18	D
B4_0338-B4_0339	B4_0338	B4_0339	15	180	18	D
B4_0339-B4_0340	B4_0339	B4_0340	15	348	18	D
B4_0340-B4_0341	B4_0340	B4_0341	15	263	18	D
B4_0341-B4_0355	B4_0341	B4_0355	15	124	18	D
B4_0355-B4_0356	B4_0355	B4_0356	15	301	18	D
B4_0356-B4_0357	B4_0356	B4_0357	15	40	18	D
B4_0357-B4_0358	B4_0357	B4_0358	15	331	18	D
B4_0358-B4_0507	B4_0358	B4_0507	15	330	18	D
B4_0507-B4_0509	B4_0507	B4_0509	15	37	18	D
B4_0509-B4_0511	B4_0509	B4_0511	15	298	18	D
B4_0511-B4_0622	B4_0511	B4_0622	15	130	18	D
B4_0528-B4_0529	B4_0528	B4_0529	10	253	15	D
B4_0550-B4_0551	B4_0550	B4_0551	8	210	15	D
B4_0575-B4_0581	B4_0575	B4_0581	12	285	15	D
B4_0594-B4_0595	B4_0594	B4_0595	15	30	30	D
B4_0624-B4_0625	B4_0624	B4_0625	18	18	Parallel Lines	D
B4_0625-B4_0629	B4_0625	B4_0629	18	260	30	D
B4_0629-B4_0634	B4_0629	B4_0634	18	257	30	D
B4_0634-B4_0635	B4_0634	B4_0635	18	206	30	D
B4_0635-B4_0640	B4_0635	B4_0640	18	57	30	D
B4_0640-B4_0645	B4_0640	B4_0645	18	260	Parallel Lines	D
B4_0645-B4_0649	B4_0645	B4_0649	18	262	Parallel Lines	D
B4_0649-B4_0651	B4_0649	B4_0651	18	264	Parallel Lines	D
B4_0651-B4_0653	B4_0651	B4_0653	18	257	Parallel Lines	D
B4_0653-B4_0662	B4_0653	B4_0662	18	261	Parallel Lines	D
B4_0662-B4_0791	B4_0662	B4_0791	18	258	Parallel Lines	D
B4_0791-OUTLET	B4_0791	OUTLET	18	238	30	D
Subtotal 1				25,404		



Utility Systems Science and Software

Report Date: 08/05/2024
 Customer: City of San Fernando
 Group: Sewer flow monitoring
 Site: 2021.02 Fox St MH

Data for 2021.02 Fox St MH:
 07/01/2024 thru 07/31/2024

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/01 00:00	12.98	1.8607	2.11
2024/07/01 00:15	12.66	1.7664	2.06
2024/07/01 00:30	12.21	1.5784	1.91
2024/07/01 00:45	12.03	1.5150	1.87
2024/07/01 01:00	11.31	1.3422	1.78
2024/07/01 01:15	10.73	1.2526	1.76
2024/07/01 01:30	10.59	1.2207	1.75
2024/07/01 01:45	10.42	1.0917	1.59
2024/07/01 02:00	10.17	1.0384	1.56
2024/07/01 02:15	10.12	0.9578	1.45
2024/07/01 02:30	9.78	0.9116	1.44
2024/07/01 02:45	9.76	0.8333	1.32
2024/07/01 03:00	9.51	0.6998	1.14
2024/07/01 03:15	9.46	0.6950	1.14
2024/07/01 03:30	9.36	0.6464	1.08
2024/07/01 03:45	9.33	0.6432	1.08
2024/07/01 04:00	9.26	0.5687	0.96
2024/07/01 04:15	9.23	0.5478	0.93
2024/07/01 04:30	9.23	0.5663	0.96
2024/07/01 04:45	9.23	0.5663	0.96
2024/07/01 05:00	9.23	0.5663	0.96
2024/07/01 05:15	9.56	0.6798	1.1
2024/07/01 05:30	9.61	0.7962	1.28
2024/07/01 05:45	9.66	0.8649	1.38
2024/07/01 06:00	10.08	0.9249	1.41
2024/07/01 06:15	10.23	1.0518	1.57
2024/07/01 06:30	10.47	1.1030	1.6
2024/07/01 06:45	10.74	1.1673	1.64
2024/07/01 07:00	11.27	1.3064	1.74
2024/07/01 07:15	11.89	1.3900	1.74
2024/07/01 07:30	12.1	1.4877	1.82
2024/07/01 07:45	12.38	1.7872	2.13
2024/07/01 08:00	12.4	1.7904	2.13
2024/07/01 08:15	12.64	1.8287	2.13
2024/07/01 08:30	12.77	1.8771	2.17
2024/07/01 08:45	12.86	1.7915	2.05
2024/07/01 09:00	13.13	1.8318	2.05

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/01 09:15	13.19	1.8407	2.05
2024/07/01 09:30	13.22	1.8451	2.05
2024/07/01 09:45	13.34	1.9523	2.15
2024/07/01 10:00	13.34	1.9669	2.17
2024/07/01 10:15	13.34	1.9523	2.15
2024/07/01 10:30	13.37	2.0233	2.22
2024/07/01 10:45	13.39	2.0738	2.28
2024/07/01 11:00	13.48	2.0883	2.28
2024/07/01 11:15	13.54	2.0979	2.28
2024/07/01 11:30	13.57	2.0936	2.27
2024/07/01 11:45	13.57	2.0501	2.22
2024/07/01 12:00	13.6	2.0930	2.26
2024/07/01 12:15	13.64	2.0993	2.26
2024/07/01 12:30	13.68	2.1056	2.26
2024/07/01 12:45	13.73	2.1177	2.27
2024/07/01 13:00	13.73	2.1177	2.27
2024/07/01 13:15	13.69	2.1132	2.27
2024/07/01 13:30	13.69	2.1406	2.3
2024/07/01 13:45	13.73	2.2010	2.35
2024/07/01 14:00	13.69	2.2521	2.42
2024/07/01 14:15	13.66	2.2863	2.46
2024/07/01 14:30	13.65	2.2846	2.46
2024/07/01 14:45	13.64	2.2437	2.42
2024/07/01 15:00	13.64	2.2437	2.42
2024/07/01 15:15	13.64	2.2354	2.41
2024/07/01 15:30	13.48	2.1095	2.3
2024/07/01 15:45	13.47	2.0970	2.29
2024/07/01 16:00	13.47	1.9605	2.14
2024/07/01 16:15	13.47	1.9605	2.14
2024/07/01 16:30	13.45	1.9889	2.17
2024/07/01 16:45	13.45	1.9889	2.17
2024/07/01 17:00	13.45	1.9889	2.17
2024/07/01 17:15	13.55	2.0042	2.17
2024/07/01 17:30	13.56	2.0069	2.17
2024/07/01 17:45	13.55	2.0476	2.22
2024/07/01 18:00	13.56	2.0505	2.22
2024/07/01 18:15	13.64	2.1429	2.31
2024/07/01 18:30	13.72	2.0810	2.23
2024/07/01 18:45	13.64	2.0687	2.23
2024/07/01 19:00	13.64	2.0687	2.23
2024/07/01 19:15	13.72	2.0736	2.22
2024/07/01 19:30	13.74	2.0841	2.23

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/01 19:45	13.74	2.1880	2.34
2024/07/01 20:00	13.84	2.1624	2.3
2024/07/01 20:15	13.84	2.2318	2.37
2024/07/01 20:30	13.89	2.2398	2.37
2024/07/01 20:45	14.16	2.2829	2.37
2024/07/01 21:00	14.19	2.4153	2.5
2024/07/01 21:15	14.39	2.4528	2.51
2024/07/01 21:30	14.39	2.4528	2.51
2024/07/01 21:45	14.61	2.4880	2.51
2024/07/01 22:00	14.61	2.4349	2.45
2024/07/01 22:15	14.61	2.4081	2.43
2024/07/01 22:30	14.66	2.4426	2.45
2024/07/01 22:45	14.61	2.4081	2.43
2024/07/01 23:00	14.52	2.3715	2.4
2024/07/01 23:15	14.47	2.2629	2.3
2024/07/01 23:30	13.71	2.1443	2.3
2024/07/01 23:45	13.31	2.0285	2.24
2024/07/02 00:00	13.04	1.8939	2.14
2024/07/02 00:15	12.81	1.8324	2.11
2024/07/02 00:30	12.35	1.6565	1.98
2024/07/02 00:45	11.79	1.4586	1.84
2024/07/02 01:00	11.34	1.2949	1.71
2024/07/02 01:15	11.02	1.2408	1.69
2024/07/02 01:30	10.59	1.1575	1.66
2024/07/02 01:45	10.22	1.1045	1.65
2024/07/02 02:00	10.2	1.0536	1.58
2024/07/02 02:15	10.14	0.9852	1.49
2024/07/02 02:30	9.95	0.8972	1.39
2024/07/02 02:45	9.62	0.8422	1.36
2024/07/02 03:00	9.43	0.6863	1.13
2024/07/02 03:15	9.39	0.6634	1.1
2024/07/02 03:30	9.34	0.6340	1.06
2024/07/02 03:45	9.27	0.6131	1.03
2024/07/02 04:00	9.27	0.6131	1.03
2024/07/02 04:15	9.26	0.5491	0.93
2024/07/02 04:30	9.26	0.5491	0.93
2024/07/02 04:45	9.26	0.5491	0.93
2024/07/02 05:00	9.29	0.6493	1.09
2024/07/02 05:15	9.37	0.6707	1.12
2024/07/02 05:30	9.58	0.7320	1.18
2024/07/02 05:45	9.6	0.8303	1.34
2024/07/02 06:00	10.04	0.9892	1.51

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/02 06:15	10.25	1.0390	1.55
2024/07/02 06:30	10.81	1.1254	1.57
2024/07/02 06:45	11.03	1.2371	1.69
2024/07/02 07:00	11.19	1.2873	1.72
2024/07/02 07:15	12.31	1.4954	1.8
2024/07/02 07:30	12.41	1.6575	1.97
2024/07/02 07:45	12.71	1.8585	2.16
2024/07/02 08:00	13.11	1.9216	2.16
2024/07/02 08:15	13.11	1.9216	2.16
2024/07/02 08:30	13.11	1.9216	2.16
2024/07/02 08:45	13.12	1.9231	2.16
2024/07/02 09:00	13.23	1.9402	2.16
2024/07/02 09:15	13.3	1.9332	2.14
2024/07/02 09:30	13.35	1.9408	2.14
2024/07/02 09:45	13.41	1.9885	2.18
2024/07/02 10:00	13.51	1.9647	2.14
2024/07/02 10:15	13.51	1.9647	2.14
2024/07/02 10:30	13.56	2.0115	2.18
2024/07/02 10:45	13.56	2.0115	2.18
2024/07/02 11:00	13.56	2.0148	2.18
2024/07/02 11:15	13.53	2.1008	2.28
2024/07/02 11:30	13.56	2.1197	2.3
2024/07/02 11:45	13.63	2.1382	2.3
2024/07/02 12:00	13.66	2.1430	2.3
2024/07/02 12:15	13.63	2.1309	2.3
2024/07/02 12:30	13.63	2.1309	2.3
2024/07/02 12:45	13.63	2.0958	2.26
2024/07/02 13:00	13.63	2.0051	2.16
2024/07/02 13:15	13.63	2.0051	2.16
2024/07/02 13:30	13.58	1.9988	2.16
2024/07/02 13:45	13.58	2.0005	2.16
2024/07/02 14:00	13.63	2.0068	2.16
2024/07/02 14:15	13.58	1.9011	2.06
2024/07/02 14:30	13.58	2.0005	2.16
2024/07/02 14:45	13.58	2.0136	2.18
2024/07/02 15:00	13.55	2.0090	2.18
2024/07/02 15:15	13.51	2.0485	2.23
2024/07/02 15:30	13.47	2.0067	2.19
2024/07/02 15:45	13.4	1.9959	2.19
2024/07/02 16:00	13.4	2.0312	2.23
2024/07/02 16:15	13.4	2.0312	2.23
2024/07/02 16:30	13.45	2.0553	2.24

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/02 16:45	13.4	2.0312	2.23
2024/07/02 17:00	13.45	2.0160	2.2
2024/07/02 17:15	13.45	2.0160	2.2
2024/07/02 17:30	13.45	2.0553	2.24
2024/07/02 17:45	13.45	2.0553	2.24
2024/07/02 18:00	13.45	2.0553	2.24
2024/07/02 18:15	13.6	2.1086	2.28
2024/07/02 18:30	13.6	2.1208	2.29
2024/07/02 18:45	13.62	2.1327	2.3
2024/07/02 19:00	13.62	2.1327	2.3
2024/07/02 19:15	13.6	2.1295	2.3
2024/07/02 19:30	13.57	2.1785	2.36
2024/07/02 19:45	13.57	2.1174	2.29
2024/07/02 20:00	13.56	1.9920	2.16
2024/07/02 20:15	13.56	1.9920	2.16
2024/07/02 20:30	13.56	1.9920	2.16
2024/07/02 20:45	13.64	2.0790	2.24
2024/07/02 21:00	13.81	2.2177	2.36
2024/07/02 21:15	14.21	2.1641	2.24
2024/07/02 21:30	14.26	2.3954	2.47
2024/07/02 21:45	14.61	2.4672	2.48
2024/07/02 22:00	14.66	2.4609	2.47
2024/07/02 22:15	14.66	2.4590	2.47
2024/07/02 22:30	14.66	2.4609	2.47
2024/07/02 22:45	14.61	2.4514	2.47
2024/07/02 23:00	14.53	2.4385	2.47
2024/07/02 23:15	14.08	2.3642	2.47
2024/07/02 23:30	13.82	2.2462	2.39
2024/07/02 23:45	13.56	1.8846	2.04
2024/07/03 00:00	13.28	1.8442	2.04
2024/07/03 00:15	12.69	1.7498	2.03
2024/07/03 00:30	12.4	1.6983	2.02
2024/07/03 00:45	11.93	1.5893	1.98
2024/07/03 01:00	11.54	1.5297	1.98
2024/07/03 01:15	10.94	1.3302	1.83
2024/07/03 01:30	10.94	1.2082	1.66
2024/07/03 01:45	10.36	1.1248	1.65
2024/07/03 02:00	10.34	1.0825	1.6
2024/07/03 02:15	10.24	1.0699	1.6
2024/07/03 02:30	9.84	1.0037	1.57
2024/07/03 02:45	9.8	0.9156	1.44
2024/07/03 03:00	9.59	0.8084	1.31

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/03 03:15	9.5	0.7533	1.23
2024/07/03 03:30	9.49	0.7477	1.22
2024/07/03 03:45	9.45	0.7430	1.22
2024/07/03 04:00	9.39	0.7372	1.22
2024/07/03 04:15	9.36	0.7045	1.17
2024/07/03 04:30	9.39	0.7074	1.17
2024/07/03 04:45	9.39	0.6973	1.16
2024/07/03 05:00	9.41	0.7093	1.17
2024/07/03 05:15	9.41	0.7093	1.17
2024/07/03 05:30	9.61	0.7283	1.17
2024/07/03 05:45	9.8	0.8815	1.39
2024/07/03 06:00	10.02	0.9684	1.48
2024/07/03 06:15	10.07	1.0580	1.61
2024/07/03 06:30	10.67	1.2343	1.75
2024/07/03 06:45	10.99	1.2788	1.75
2024/07/03 07:00	11.63	1.4363	1.84
2024/07/03 07:15	12.15	1.5489	1.89
2024/07/03 07:30	12.45	1.5925	1.89
2024/07/03 07:45	12.71	1.7206	2
2024/07/03 08:00	12.99	1.7604	2
2024/07/03 08:15	13	1.7616	2
2024/07/03 08:30	13.14	1.8465	2.07
2024/07/03 08:45	13.26	1.8950	2.1
2024/07/03 09:00	13.61	2.0694	2.23
2024/07/03 09:15	13.64	2.0856	2.25
2024/07/03 09:30	13.64	2.1229	2.29
2024/07/03 09:45	13.64	2.1345	2.3
2024/07/03 10:00	13.64	2.1345	2.3
2024/07/03 10:15	13.64	2.1345	2.3
2024/07/03 10:30	13.75	2.1518	2.3
2024/07/03 10:45	13.75	2.1518	2.3
2024/07/03 11:00	13.75	2.2097	2.36
2024/07/03 11:15	13.75	2.2097	2.36
2024/07/03 11:30	13.7	2.2015	2.36
2024/07/03 11:45	13.7	2.2015	2.36
2024/07/03 12:00	13.75	2.2393	2.39
2024/07/03 12:15	13.75	2.2474	2.4
2024/07/03 12:30	13.75	2.2474	2.4
2024/07/03 12:45	13.7	2.1608	2.32
2024/07/03 13:00	13.62	2.1331	2.3
2024/07/03 13:15	13.78	2.1589	2.3
2024/07/03 13:30	13.62	2.0185	2.18

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/03 13:45	13.62	2.0185	2.18
2024/07/03 14:00	13.62	2.0185	2.18
2024/07/03 14:15	13.66	2.0452	2.2
2024/07/03 14:30	13.66	2.0452	2.2
2024/07/03 14:45	13.66	2.1414	2.3
2024/07/03 15:00	13.47	2.1124	2.3
2024/07/03 15:15	13.47	2.1124	2.3
2024/07/03 15:30	13.35	2.0633	2.27
2024/07/03 15:45	13.3	2.0552	2.27
2024/07/03 16:00	13.23	2.0439	2.27
2024/07/03 16:15	13.28	2.0585	2.28
2024/07/03 16:30	13.28	2.0517	2.27
2024/07/03 16:45	13.28	2.0517	2.27
2024/07/03 17:00	13.28	2.0517	2.27
2024/07/03 17:15	13.36	2.0625	2.27
2024/07/03 17:30	13.38	2.0442	2.24
2024/07/03 17:45	13.4	2.0473	2.24
2024/07/03 18:00	13.44	2.0537	2.24
2024/07/03 18:15	13.46	2.0569	2.24
2024/07/03 18:30	13.64	2.0852	2.24
2024/07/03 18:45	13.64	2.2107	2.38
2024/07/03 19:00	13.79	2.2354	2.38
2024/07/03 19:15	13.79	2.2354	2.38
2024/07/03 19:30	13.79	2.2354	2.38
2024/07/03 19:45	13.79	2.1486	2.29
2024/07/03 20:00	13.79	2.0801	2.21
2024/07/03 20:15	13.7	2.0663	2.21
2024/07/03 20:30	13.7	2.0663	2.21
2024/07/03 20:45	13.7	2.1344	2.29
2024/07/03 21:00	13.73	2.1482	2.3
2024/07/03 21:15	13.79	2.2386	2.38
2024/07/03 21:30	14.05	2.3017	2.41
2024/07/03 21:45	14.12	2.3443	2.44
2024/07/03 22:00	14.17	2.3524	2.44
2024/07/03 22:15	14.17	2.3524	2.44
2024/07/03 22:30	14.12	2.3443	2.44
2024/07/03 22:45	14.12	2.1963	2.28
2024/07/03 23:00	14.09	2.1780	2.27
2024/07/03 23:15	13.85	2.1384	2.27
2024/07/03 23:30	13.78	2.0848	2.22
2024/07/03 23:45	13.43	1.9696	2.15
2024/07/04 00:00	13.33	1.8641	2.06

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/04 00:15	12.96	1.7666	2.01
2024/07/04 00:30	12.85	1.6810	1.93
2024/07/04 00:45	12.51	1.5930	1.88
2024/07/04 01:00	12.36	1.5182	1.82
2024/07/04 01:15	11.69	1.3738	1.75
2024/07/04 01:30	11.4	1.3056	1.71
2024/07/04 01:45	11.04	1.2571	1.71
2024/07/04 02:00	10.77	1.2207	1.71
2024/07/04 02:15	10.36	1.0915	1.6
2024/07/04 02:30	10.12	1.0532	1.59
2024/07/04 02:45	9.79	0.9663	1.52
2024/07/04 03:00	9.73	0.8037	1.28
2024/07/04 03:15	9.67	0.7432	1.19
2024/07/04 03:30	9.46	0.6784	1.12
2024/07/04 03:45	9.46	0.6696	1.1
2024/07/04 04:00	9.43	0.6671	1.1
2024/07/04 04:15	9.34	0.6591	1.1
2024/07/04 04:30	9.33	0.6380	1.07
2024/07/04 04:45	9.33	0.5600	0.94
2024/07/04 05:00	9.34	0.5608	0.94
2024/07/04 05:15	9.34	0.5761	0.96
2024/07/04 05:30	9.39	0.5800	0.96
2024/07/04 05:45	9.39	0.5800	0.96
2024/07/04 06:00	9.45	0.5949	0.98
2024/07/04 06:15	9.46	0.6403	1.05
2024/07/04 06:30	9.48	0.7012	1.15
2024/07/04 06:45	9.77	0.9019	1.42
2024/07/04 07:00	10.27	0.9593	1.42
2024/07/04 07:15	10.32	0.9983	1.47
2024/07/04 07:30	10.74	1.0466	1.47
2024/07/04 07:45	11.18	1.1464	1.54
2024/07/04 08:00	11.44	1.2406	1.62
2024/07/04 08:15	11.47	1.3631	1.77
2024/07/04 08:30	11.59	1.5120	1.95
2024/07/04 08:45	12.52	1.6931	2
2024/07/04 09:00	12.52	1.7204	2.03
2024/07/04 09:15	12.57	1.7749	2.08
2024/07/04 09:30	12.66	1.9207	2.24
2024/07/04 09:45	13.1	1.9911	2.24
2024/07/04 10:00	13.48	2.0515	2.24
2024/07/04 10:15	13.65	2.0782	2.24
2024/07/04 10:30	13.83	2.1252	2.26

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/04 10:45	13.86	2.1647	2.29
2024/07/04 11:00	13.91	2.1814	2.3
2024/07/04 11:15	13.95	2.1877	2.3
2024/07/04 11:30	14.39	2.2097	2.26
2024/07/04 11:45	14.44	2.2170	2.26
2024/07/04 12:00	14.46	2.3357	2.38
2024/07/04 12:15	14.47	2.4038	2.44
2024/07/04 12:30	14.69	2.4274	2.43
2024/07/04 12:45	14.69	2.3741	2.38
2024/07/04 13:00	14.69	2.3741	2.38
2024/07/04 13:15	14.55	2.4055	2.43
2024/07/04 13:30	14.67	2.4241	2.43
2024/07/04 13:45	14.55	2.4055	2.43
2024/07/04 14:00	14.54	2.4042	2.43
2024/07/04 14:15	14.4	2.3297	2.38
2024/07/04 14:30	14.4	2.4342	2.49
2024/07/04 14:45	14.36	2.4610	2.52
2024/07/04 15:00	14.28	2.4147	2.49
2024/07/04 15:15	14.15	2.3947	2.49
2024/07/04 15:30	14.07	2.2646	2.36
2024/07/04 15:45	13.82	2.2131	2.35
2024/07/04 16:00	13.77	2.2164	2.36
2024/07/04 16:15	13.67	2.2000	2.36
2024/07/04 16:30	13.59	2.1664	2.34
2024/07/04 16:45	13.59	2.1123	2.28
2024/07/04 17:00	13.41	2.0603	2.26
2024/07/04 17:15	13.28	2.0394	2.26
2024/07/04 17:30	13.28	2.0483	2.27
2024/07/04 17:45	13.13	1.9589	2.19
2024/07/04 18:00	13.06	1.8874	2.13
2024/07/04 18:15	13.06	1.8874	2.13
2024/07/04 18:30	13.06	1.8675	2.1
2024/07/04 18:45	12.99	1.8568	2.1
2024/07/04 19:00	12.75	1.8200	2.1
2024/07/04 19:15	12.74	1.8101	2.1
2024/07/04 19:30	12.52	1.7590	2.07
2024/07/04 19:45	12.36	1.7218	2.06
2024/07/04 20:00	12.33	1.7171	2.06
2024/07/04 20:15	12.24	1.5792	1.91
2024/07/04 20:30	12.24	1.5767	1.91
2024/07/04 20:45	12.22	1.5711	1.9
2024/07/04 21:00	12.19	1.5506	1.88

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/04 21:15	12.19	1.5506	1.88
2024/07/04 21:30	12.14	1.5434	1.88
2024/07/04 21:45	12.11	1.5391	1.88
2024/07/04 22:00	12.12	1.5811	1.93
2024/07/04 22:15	12.09	1.5767	1.93
2024/07/04 22:30	12.09	1.5767	1.93
2024/07/04 22:45	12.12	1.6197	1.98
2024/07/04 23:00	12.12	1.6221	1.98
2024/07/04 23:15	12.14	1.6228	1.98
2024/07/04 23:30	12.22	1.5836	1.92
2024/07/04 23:45	12.22	1.5611	1.89
2024/07/05 00:00	12.22	1.5611	1.89
2024/07/05 00:15	12.14	1.5496	1.89
2024/07/05 00:30	11.97	1.4981	1.86
2024/07/05 00:45	11.94	1.4711	1.83
2024/07/05 01:00	11.72	1.4401	1.83
2024/07/05 01:15	11.25	1.3300	1.77
2024/07/05 01:30	11.11	1.3105	1.77
2024/07/05 01:45	10.98	1.2356	1.69
2024/07/05 02:00	10.32	1.1384	1.68
2024/07/05 02:15	10.1	1.0962	1.66
2024/07/05 02:30	10	1.0216	1.57
2024/07/05 02:45	9.75	0.8986	1.42
2024/07/05 03:00	9.69	0.8179	1.31
2024/07/05 03:15	9.5	0.7981	1.31
2024/07/05 03:30	9.48	0.7960	1.3
2024/07/05 03:45	9.38	0.7846	1.3
2024/07/05 04:00	9.33	0.7265	1.22
2024/07/05 04:15	9.33	0.7254	1.21
2024/07/05 04:30	9.33	0.6763	1.13
2024/07/05 04:45	9.33	0.6763	1.13
2024/07/05 05:00	9.33	0.6763	1.13
2024/07/05 05:15	9.33	0.7254	1.21
2024/07/05 05:30	9.35	0.7785	1.3
2024/07/05 05:45	9.55	0.8393	1.36
2024/07/05 06:00	9.62	0.8505	1.37
2024/07/05 06:15	9.74	0.9031	1.43
2024/07/05 06:30	9.85	1.0093	1.58
2024/07/05 06:45	10.16	1.0564	1.59
2024/07/05 07:00	10.47	1.1948	1.73
2024/07/05 07:15	10.66	1.2391	1.76
2024/07/05 07:30	11.51	1.4235	1.85

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/05 07:45	11.77	1.4770	1.87
2024/07/05 08:00	11.8	1.4813	1.87
2024/07/05 08:15	12.3	1.6146	1.94
2024/07/05 08:30	12.44	1.6350	1.94
2024/07/05 08:45	12.49	1.6642	1.97
2024/07/05 09:00	12.72	1.7923	2.08
2024/07/05 09:15	12.93	1.8371	2.09
2024/07/05 09:30	12.98	1.8316	2.08
2024/07/05 09:45	13.49	1.9209	2.09
2024/07/05 10:00	13.55	2.0787	2.25
2024/07/05 10:15	13.59	2.0850	2.25
2024/07/05 10:30	13.66	2.0957	2.25
2024/07/05 10:45	13.66	2.0960	2.25
2024/07/05 11:00	13.69	2.1539	2.31
2024/07/05 11:15	13.71	2.1813	2.34
2024/07/05 11:30	13.77	2.1910	2.34
2024/07/05 11:45	13.85	2.2038	2.34
2024/07/05 12:00	13.9	2.2703	2.4
2024/07/05 12:15	14.06	2.2961	2.4
2024/07/05 12:30	14.1	2.3044	2.4
2024/07/05 12:45	14.1	2.3044	2.4
2024/07/05 13:00	14.1	2.4115	2.51
2024/07/05 13:15	14.06	2.4045	2.51
2024/07/05 13:30	14.03	2.4456	2.56
2024/07/05 13:45	13.99	2.4769	2.6
2024/07/05 14:00	13.97	2.4734	2.6
2024/07/05 14:15	13.97	2.3893	2.51
2024/07/05 14:30	13.95	2.3523	2.48
2024/07/05 14:45	13.79	2.2874	2.44
2024/07/05 15:00	13.75	2.2807	2.44
2024/07/05 15:15	13.73	2.0755	2.22
2024/07/05 15:30	13.72	2.0739	2.22
2024/07/05 15:45	13.66	2.0318	2.18
2024/07/05 16:00	13.56	2.0492	2.22
2024/07/05 16:15	13.56	2.0492	2.22
2024/07/05 16:30	13.55	2.0648	2.24
2024/07/05 16:45	13.55	2.0736	2.25
2024/07/05 17:00	13.55	2.0736	2.25
2024/07/05 17:15	13.54	2.0790	2.26
2024/07/05 17:30	13.54	2.0790	2.26
2024/07/05 17:45	13.54	2.0790	2.26
2024/07/05 18:00	13.54	2.0790	2.26

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/05 18:15	13.6	2.0885	2.26
2024/07/05 18:30	13.66	2.2179	2.38
2024/07/05 18:45	13.67	2.2322	2.4
2024/07/05 19:00	13.67	2.2397	2.41
2024/07/05 19:15	13.67	2.2397	2.41
2024/07/05 19:30	13.67	2.2397	2.41
2024/07/05 19:45	13.67	2.2637	2.43
2024/07/05 20:00	13.67	2.2397	2.41
2024/07/05 20:15	13.56	1.8984	2.06
2024/07/05 20:30	13.52	1.8883	2.05
2024/07/05 20:45	13.52	1.8883	2.05
2024/07/05 21:00	13.52	1.8926	2.06
2024/07/05 21:15	13.58	2.0390	2.21
2024/07/05 21:30	13.58	2.0390	2.21
2024/07/05 21:45	13.6	2.1320	2.3
2024/07/05 22:00	13.6	2.1320	2.3
2024/07/05 22:15	13.63	2.1368	2.3
2024/07/05 22:30	13.63	2.0467	2.21
2024/07/05 22:45	13.66	2.1416	2.3
2024/07/05 23:00	13.66	2.0609	2.22
2024/07/05 23:15	13.53	2.0051	2.18
2024/07/05 23:30	13.5	2.0005	2.18
2024/07/05 23:45	13.06	1.9084	2.15
2024/07/06 00:00	13.01	1.8828	2.13
2024/07/06 00:15	12.85	1.8594	2.13
2024/07/06 00:30	12.58	1.7743	2.08
2024/07/06 00:45	12.55	1.7076	2.01
2024/07/06 01:00	12.39	1.6835	2.01
2024/07/06 01:15	11.5	1.4903	1.93
2024/07/06 01:30	11.21	1.3916	1.86
2024/07/06 01:45	11.03	1.3187	1.8
2024/07/06 02:00	10.91	1.2468	1.72
2024/07/06 02:15	10.54	1.1504	1.65
2024/07/06 02:30	10.37	1.0982	1.61
2024/07/06 02:45	10.06	1.0583	1.61
2024/07/06 03:00	9.72	0.9916	1.58
2024/07/06 03:15	9.67	0.9610	1.54
2024/07/06 03:30	9.59	0.8637	1.4
2024/07/06 03:45	9.48	0.8071	1.32
2024/07/06 04:00	9.43	0.7711	1.27
2024/07/06 04:15	9.31	0.7230	1.21
2024/07/06 04:30	9.22	0.7141	1.21

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/06 04:45	9.22	0.6616	1.12
2024/07/06 05:00	9.22	0.6616	1.12
2024/07/06 05:15	9.22	0.7141	1.21
2024/07/06 05:30	9.23	0.6627	1.12
2024/07/06 05:45	9.36	0.7440	1.24
2024/07/06 06:00	9.38	0.7562	1.26
2024/07/06 06:15	9.41	0.7593	1.26
2024/07/06 06:30	9.82	0.8447	1.33
2024/07/06 06:45	9.82	1.0325	1.62
2024/07/06 07:00	10.3	1.1505	1.7
2024/07/06 07:15	10.6	1.2292	1.76
2024/07/06 07:30	10.97	1.2810	1.76
2024/07/06 07:45	11.3	1.3706	1.82
2024/07/06 08:00	11.75	1.4329	1.82
2024/07/06 08:15	12	1.4678	1.82
2024/07/06 08:30	12.14	1.4869	1.82
2024/07/06 08:45	12.34	1.5144	1.82
2024/07/06 09:00	12.66	1.7224	2.01
2024/07/06 09:15	13.13	1.8462	2.07
2024/07/06 09:30	13.25	1.9741	2.19
2024/07/06 09:45	13.54	2.0671	2.24
2024/07/06 10:00	13.64	2.1116	2.27
2024/07/06 10:15	13.82	2.2157	2.35
2024/07/06 10:30	13.87	2.3361	2.47
2024/07/06 10:45	13.98	2.3732	2.49
2024/07/06 11:00	14.27	2.4258	2.5
2024/07/06 11:15	14.4	2.4470	2.5
2024/07/06 11:30	14.4	2.4470	2.5
2024/07/06 11:45	14.4	2.4470	2.5
2024/07/06 12:00	14.4	2.4779	2.53
2024/07/06 12:15	14.47	2.4581	2.5
2024/07/06 12:30	14.62	2.4821	2.5
2024/07/06 12:45	14.62	2.4087	2.42
2024/07/06 13:00	14.55	2.4780	2.5
2024/07/06 13:15	14.62	2.4936	2.51
2024/07/06 13:30	14.55	2.4838	2.51
2024/07/06 13:45	14.47	2.4638	2.5
2024/07/06 14:00	14.37	2.4492	2.5
2024/07/06 14:15	14.37	2.3458	2.4
2024/07/06 14:30	14.28	2.3250	2.39
2024/07/06 14:45	14.2	2.3124	2.39
2024/07/06 15:00	14.2	2.2973	2.38

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/06 15:15	14.14	2.2881	2.38
2024/07/06 15:30	14.11	2.2446	2.34
2024/07/06 15:45	14.14	2.2495	2.34
2024/07/06 16:00	14.11	2.2165	2.31
2024/07/06 16:15	14.02	2.2099	2.32
2024/07/06 16:30	13.97	2.2021	2.32
2024/07/06 16:45	14.02	2.2304	2.34
2024/07/06 17:00	14.02	2.2304	2.34
2024/07/06 17:15	13.92	2.1942	2.32
2024/07/06 17:30	13.76	2.2579	2.41
2024/07/06 17:45	13.54	2.2210	2.41
2024/07/06 18:00	13.54	2.2210	2.41
2024/07/06 18:15	13.54	2.1153	2.3
2024/07/06 18:30	13.54	2.1153	2.3
2024/07/06 18:45	13.54	2.0546	2.23
2024/07/06 19:00	13.66	1.9514	2.1
2024/07/06 19:15	13.66	1.9514	2.1
2024/07/06 19:30	13.66	2.1183	2.28
2024/07/06 19:45	13.66	2.1183	2.28
2024/07/06 20:00	13.44	1.7849	1.95
2024/07/06 20:15	13.44	1.7849	1.95
2024/07/06 20:30	13.28	1.7889	1.98
2024/07/06 20:45	13.28	1.8771	2.08
2024/07/06 21:00	13.28	1.7889	1.98
2024/07/06 21:15	13.28	1.7889	1.98
2024/07/06 21:30	13.51	1.9110	2.08
2024/07/06 21:45	13.55	2.0332	2.2
2024/07/06 22:00	13.55	1.9169	2.08
2024/07/06 22:15	13.55	1.9169	2.08
2024/07/06 22:30	13.55	1.8875	2.05
2024/07/06 22:45	13.55	1.9035	2.06
2024/07/06 23:00	13.15	1.8307	2.05
2024/07/06 23:15	13.14	1.8292	2.05
2024/07/06 23:30	12.88	1.7905	2.05
2024/07/06 23:45	12.8	1.7785	2.05
2024/07/07 00:00	12.6	1.7482	2.05
2024/07/07 00:15	12.5	1.7312	2.04
2024/07/07 00:30	12.5	1.7242	2.04
2024/07/07 00:45	12.32	1.6493	1.98
2024/07/07 01:00	11.87	1.5214	1.9
2024/07/07 01:15	11.58	1.4786	1.9
2024/07/07 01:30	11.4	1.4272	1.87

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/07 01:45	11.19	1.3854	1.86
2024/07/07 02:00	11.09	1.3722	1.86
2024/07/07 02:15	10.45	1.2149	1.77
2024/07/07 02:30	10.2	1.1359	1.7
2024/07/07 02:45	10.16	1.1307	1.7
2024/07/07 03:00	10.12	1.0266	1.55
2024/07/07 03:15	9.69	0.9480	1.51
2024/07/07 03:30	9.57	0.8821	1.43
2024/07/07 03:45	9.54	0.7778	1.27
2024/07/07 04:00	9.54	0.7778	1.27
2024/07/07 04:15	9.37	0.7544	1.26
2024/07/07 04:30	9.36	0.7240	1.21
2024/07/07 04:45	9.34	0.6733	1.12
2024/07/07 05:00	9.27	0.6173	1.04
2024/07/07 05:15	9.27	0.6173	1.04
2024/07/07 05:30	9.31	0.6558	1.1
2024/07/07 05:45	9.31	0.6558	1.1
2024/07/07 06:00	9.31	0.6473	1.09
2024/07/07 06:15	9.35	0.6594	1.1
2024/07/07 06:30	9.36	0.6801	1.13
2024/07/07 06:45	9.5	0.7828	1.28
2024/07/07 07:00	9.75	0.9038	1.43
2024/07/07 07:15	10.11	0.9868	1.49
2024/07/07 07:30	10.58	1.2093	1.73
2024/07/07 07:45	10.63	1.2204	1.74
2024/07/07 08:00	11.05	1.3113	1.78
2024/07/07 08:15	11.13	1.3469	1.82
2024/07/07 08:30	11.3	1.3915	1.84
2024/07/07 08:45	11.59	1.4568	1.87
2024/07/07 09:00	11.93	1.5841	1.97
2024/07/07 09:15	12.47	1.6702	1.98
2024/07/07 09:30	13.05	1.7549	1.98
2024/07/07 09:45	13.31	1.8113	2
2024/07/07 10:00	13.49	1.8368	2
2024/07/07 10:15	13.57	1.8481	2
2024/07/07 10:30	13.89	2.1384	2.26
2024/07/07 10:45	14.05	2.1628	2.26
2024/07/07 11:00	14.15	2.1777	2.26
2024/07/07 11:15	14.43	2.2695	2.31
2024/07/07 11:30	14.55	2.4104	2.44
2024/07/07 11:45	14.62	2.5065	2.52
2024/07/07 12:00	14.62	2.5065	2.52

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/07 12:15	14.55	2.5401	2.57
2024/07/07 12:30	14.55	2.4952	2.52
2024/07/07 12:45	14.62	2.5065	2.52
2024/07/07 13:00	14.55	2.4579	2.48
2024/07/07 13:15	14.52	2.4529	2.48
2024/07/07 13:30	14.45	2.4417	2.48
2024/07/07 13:45	14.41	2.4353	2.48
2024/07/07 14:00	14.32	2.3355	2.4
2024/07/07 14:15	14.22	2.3197	2.4
2024/07/07 14:30	14.11	2.3022	2.4
2024/07/07 14:45	14.11	2.3022	2.4
2024/07/07 15:00	13.92	2.2715	2.4
2024/07/07 15:15	13.92	2.2715	2.4
2024/07/07 15:30	13.89	2.0788	2.2
2024/07/07 15:45	13.87	2.0680	2.19
2024/07/07 16:00	13.86	2.0740	2.2
2024/07/07 16:15	13.8	2.1933	2.33
2024/07/07 16:30	13.58	2.1917	2.37
2024/07/07 16:45	13.57	2.1900	2.37
2024/07/07 17:00	13.57	2.1558	2.33
2024/07/07 17:15	13.41	2.1311	2.33
2024/07/07 17:30	13.41	2.1650	2.37
2024/07/07 17:45	13.41	2.1650	2.37
2024/07/07 18:00	13.37	2.1110	2.32
2024/07/07 18:15	13.28	2.0452	2.26
2024/07/07 18:30	13.25	1.9373	2.15
2024/07/07 18:45	13.25	1.9373	2.15
2024/07/07 19:00	13.28	1.9419	2.15
2024/07/07 19:15	13.28	1.9419	2.15
2024/07/07 19:30	13.28	1.9731	2.18
2024/07/07 19:45	13.42	1.9949	2.18
2024/07/07 20:00	13.47	2.0138	2.2
2024/07/07 20:15	13.47	2.0591	2.25
2024/07/07 20:30	13.54	2.2148	2.4
2024/07/07 20:45	13.54	2.1463	2.33
2024/07/07 21:00	13.64	2.1626	2.33
2024/07/07 21:15	13.68	2.1971	2.36
2024/07/07 21:30	14.15	2.2726	2.36
2024/07/07 21:45	14.26	2.3060	2.38
2024/07/07 22:00	14.31	2.3138	2.38
2024/07/07 22:15	14.31	2.3138	2.38
2024/07/07 22:30	14.31	2.3843	2.45

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/07 22:45	14.26	2.3763	2.45
2024/07/07 23:00	14.19	2.3647	2.45
2024/07/07 23:15	13.89	2.3152	2.45
2024/07/07 23:30	13.55	2.1565	2.34
2024/07/07 23:45	13.41	1.7486	1.92
2024/07/08 00:00	13.11	1.7075	1.92
2024/07/08 00:15	12.92	1.5960	1.82
2024/07/08 00:30	12.1	1.5019	1.84
2024/07/08 00:45	11.88	1.4539	1.82
2024/07/08 01:00	11.57	1.4117	1.82
2024/07/08 01:15	11	1.3154	1.8
2024/07/08 01:30	10.78	1.2727	1.78
2024/07/08 01:45	10.57	1.2247	1.76
2024/07/08 02:00	10.52	1.2176	1.76
2024/07/08 02:15	10.17	1.1386	1.71
2024/07/08 02:30	9.82	1.0211	1.6
2024/07/08 02:45	9.73	1.0054	1.6
2024/07/08 03:00	9.57	0.9419	1.53
2024/07/08 03:15	9.56	0.7999	1.3
2024/07/08 03:30	9.52	0.7341	1.2
2024/07/08 03:45	9.36	0.7102	1.18
2024/07/08 04:00	9.36	0.6988	1.16
2024/07/08 04:15	9.33	0.6962	1.16
2024/07/08 04:30	9.33	0.6770	1.13
2024/07/08 04:45	9.33	0.6770	1.13
2024/07/08 05:00	9.36	0.6988	1.16
2024/07/08 05:15	9.38	0.7159	1.19
2024/07/08 05:30	9.65	0.8870	1.42
2024/07/08 05:45	9.71	0.9509	1.51
2024/07/08 06:00	10.02	1.1313	1.73
2024/07/08 06:15	10.13	1.1466	1.73
2024/07/08 06:30	10.32	1.1786	1.74
2024/07/08 06:45	10.48	1.2236	1.77
2024/07/08 07:00	11.34	1.3473	1.78
2024/07/08 07:15	11.93	1.4552	1.81
2024/07/08 07:30	12.22	1.5114	1.83
2024/07/08 07:45	12.58	1.6290	1.91
2024/07/08 08:00	12.81	1.6613	1.91
2024/07/08 08:15	12.9	1.7411	1.99
2024/07/08 08:30	12.92	1.7440	1.99
2024/07/08 08:45	12.96	1.7877	2.03
2024/07/08 09:00	12.96	1.8337	2.08

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/08 09:15	13.08	1.8802	2.12
2024/07/08 09:30	13.42	1.9679	2.16
2024/07/08 09:45	13.44	2.0173	2.21
2024/07/08 10:00	13.57	2.0375	2.21
2024/07/08 10:15	13.57	2.0375	2.21
2024/07/08 10:30	13.58	2.0390	2.21
2024/07/08 10:45	13.61	2.0437	2.21
2024/07/08 11:00	13.61	2.0437	2.21
2024/07/08 11:15	13.64	2.0682	2.23
2024/07/08 11:30	13.64	2.0641	2.22
2024/07/08 11:45	13.79	2.0916	2.23
2024/07/08 12:00	13.95	2.2082	2.33
2024/07/08 12:15	13.96	2.2098	2.33
2024/07/08 12:30	14.03	2.2230	2.33
2024/07/08 12:45	14.03	2.2374	2.34
2024/07/08 13:00	14.03	2.2230	2.33
2024/07/08 13:15	14.03	2.2374	2.34
2024/07/08 13:30	14.03	2.2374	2.34
2024/07/08 13:45	14.03	2.2374	2.34
2024/07/08 14:00	13.8	2.2005	2.34
2024/07/08 14:15	13.8	2.2376	2.38
2024/07/08 14:30	13.8	2.2376	2.38
2024/07/08 14:45	13.77	2.2327	2.38
2024/07/08 15:00	13.77	2.2389	2.39
2024/07/08 15:15	13.75	2.1747	2.32
2024/07/08 15:30	13.52	2.1374	2.32
2024/07/08 15:45	13.52	2.1374	2.32
2024/07/08 16:00	13.52	2.0890	2.27
2024/07/08 16:15	13.52	2.0777	2.26
2024/07/08 16:30	13.52	2.0777	2.26
2024/07/08 16:45	13.66	2.0999	2.26
2024/07/08 17:00	13.68	2.1144	2.27
2024/07/08 17:15	13.68	2.3099	2.48
2024/07/08 17:30	13.72	2.3167	2.48
2024/07/08 17:45	13.76	2.3236	2.48
2024/07/08 18:00	13.76	2.3250	2.48
2024/07/08 18:15	13.82	2.2771	2.42
2024/07/08 18:30	13.82	2.2239	2.36
2024/07/08 18:45	13.83	2.2255	2.36
2024/07/08 19:00	14.14	2.2498	2.34
2024/07/08 19:15	14.15	2.2767	2.36
2024/07/08 19:30	14.29	2.2973	2.36

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/08 19:45	14.33	2.3048	2.36
2024/07/08 20:00	14.33	2.3037	2.36
2024/07/08 20:15	14.33	2.3626	2.42
2024/07/08 20:30	14.31	2.3592	2.42
2024/07/08 20:45	14.31	2.3592	2.42
2024/07/08 21:00	14.31	2.4341	2.5
2024/07/08 21:15	14.31	2.4341	2.5
2024/07/08 21:30	14.31	2.4341	2.5
2024/07/08 21:45	14.81	2.5140	2.5
2024/07/08 22:00	14.81	2.4719	2.46
2024/07/08 22:15	14.81	2.4182	2.41
2024/07/08 22:30	14.81	2.4640	2.45
2024/07/08 22:45	14.57	2.3684	2.39
2024/07/08 23:00	14.32	2.3297	2.39
2024/07/08 23:15	14.14	2.2114	2.3
2024/07/08 23:30	13.96	2.0137	2.12
2024/07/08 23:45	13.52	1.8914	2.06
2024/07/09 00:00	13.11	1.8313	2.06
2024/07/09 00:15	12.68	1.7361	2.02
2024/07/09 00:30	11.97	1.6293	2.02
2024/07/09 00:45	11.78	1.5764	1.99
2024/07/09 01:00	11.29	1.4637	1.94
2024/07/09 01:15	10.81	1.3637	1.9
2024/07/09 01:30	10.56	1.2775	1.83
2024/07/09 01:45	10.31	1.2407	1.83
2024/07/09 02:00	10.23	1.2177	1.82
2024/07/09 02:15	10.19	1.0599	1.59
2024/07/09 02:30	9.83	1.0137	1.59
2024/07/09 02:45	9.78	0.8926	1.41
2024/07/09 03:00	9.48	0.6764	1.11
2024/07/09 03:15	9.39	0.6573	1.09
2024/07/09 03:30	9.39	0.6437	1.07
2024/07/09 03:45	9.33	0.6387	1.07
2024/07/09 04:00	9.22	0.6292	1.07
2024/07/09 04:15	9.22	0.6282	1.07
2024/07/09 04:30	9.22	0.6282	1.07
2024/07/09 04:45	9.33	0.6377	1.07
2024/07/09 05:00	9.36	0.6843	1.14
2024/07/09 05:15	9.48	0.7013	1.15
2024/07/09 05:30	9.6	0.7439	1.2
2024/07/09 05:45	9.64	0.8211	1.32
2024/07/09 06:00	9.89	0.9346	1.45

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/09 06:15	10.07	1.0277	1.56
2024/07/09 06:30	10.8	1.2161	1.7
2024/07/09 06:45	11.02	1.2979	1.77
2024/07/09 07:00	11.29	1.4251	1.89
2024/07/09 07:15	12	1.5559	1.92
2024/07/09 07:30	12.07	1.5723	1.93
2024/07/09 07:45	12.67	1.7529	2.04
2024/07/09 08:00	12.84	1.8074	2.07
2024/07/09 08:15	12.88	1.8300	2.09
2024/07/09 08:30	13.2	1.8904	2.11
2024/07/09 08:45	13.23	1.9549	2.17
2024/07/09 09:00	13.43	1.9858	2.17
2024/07/09 09:15	13.54	2.0027	2.17
2024/07/09 09:30	13.61	1.9514	2.11
2024/07/09 09:45	13.61	2.0364	2.2
2024/07/09 10:00	13.65	2.1052	2.27
2024/07/09 10:15	13.65	2.1052	2.27
2024/07/09 10:30	13.7	2.2274	2.39
2024/07/09 10:45	13.7	2.1128	2.27
2024/07/09 11:00	13.7	2.1128	2.27
2024/07/09 11:15	13.7	2.1128	2.27
2024/07/09 11:30	13.7	2.1033	2.26
2024/07/09 11:45	13.67	2.0003	2.15
2024/07/09 12:00	13.67	1.9269	2.07
2024/07/09 12:15	13.67	1.9269	2.07
2024/07/09 12:30	13.83	1.9496	2.07
2024/07/09 12:45	13.83	2.0238	2.15
2024/07/09 13:00	13.83	2.0295	2.16
2024/07/09 13:15	13.83	2.1048	2.24
2024/07/09 13:30	13.92	2.2819	2.41
2024/07/09 13:45	14.04	2.3315	2.44
2024/07/09 14:00	13.92	2.3322	2.46
2024/07/09 14:15	13.91	2.3100	2.44
2024/07/09 14:30	13.91	2.3100	2.44
2024/07/09 14:45	13.72	2.1684	2.32
2024/07/09 15:00	13.72	2.1684	2.32
2024/07/09 15:15	13.65	2.1571	2.32
2024/07/09 15:30	13.64	2.1383	2.3
2024/07/09 15:45	13.63	2.0094	2.17
2024/07/09 16:00	13.63	2.0094	2.17
2024/07/09 16:15	13.64	2.0110	2.17
2024/07/09 16:30	13.42	1.9762	2.16

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/09 16:45	13.36	1.9670	2.16
2024/07/09 17:00	13.34	1.9508	2.15
2024/07/09 17:15	13.36	1.9443	2.14
2024/07/09 17:30	13.36	1.9443	2.14
2024/07/09 17:45	13.6	1.8176	1.96
2024/07/09 18:00	13.45	1.7404	1.9
2024/07/09 18:15	13.45	1.7970	1.96
2024/07/09 18:30	13.54	1.8094	1.96
2024/07/09 18:45	13.6	2.0432	2.21
2024/07/09 19:00	13.6	2.0432	2.21
2024/07/09 19:15	13.6	1.9258	2.08
2024/07/09 19:30	13.64	2.0494	2.21
2024/07/09 19:45	13.75	2.0757	2.22
2024/07/09 20:00	13.86	2.3130	2.45
2024/07/09 20:15	13.92	2.3230	2.45
2024/07/09 20:30	13.99	2.3347	2.45
2024/07/09 20:45	14.13	2.3575	2.45
2024/07/09 21:00	14.26	2.3901	2.46
2024/07/09 21:15	14.43	2.4373	2.48
2024/07/09 21:30	14.55	2.4232	2.45
2024/07/09 21:45	14.62	2.3664	2.38
2024/07/09 22:00	14.83	2.3977	2.38
2024/07/09 22:15	14.83	2.3977	2.38
2024/07/09 22:30	14.83	2.3633	2.35
2024/07/09 22:45	14.83	2.3633	2.35
2024/07/09 23:00	14.38	2.2865	2.34
2024/07/09 23:15	14.17	2.2649	2.35
2024/07/09 23:30	14.06	2.2476	2.35
2024/07/09 23:45	13.61	2.0776	2.24
2024/07/10 00:00	13.13	1.7421	1.95
2024/07/10 00:15	12.44	1.6007	1.9
2024/07/10 00:30	12.16	1.5607	1.9
2024/07/10 00:45	11.88	1.5200	1.9
2024/07/10 01:00	11.67	1.4485	1.85
2024/07/10 01:15	10.94	1.2860	1.77
2024/07/10 01:30	10.76	1.1874	1.67
2024/07/10 01:45	10.63	1.1714	1.67
2024/07/10 02:00	10.11	1.1017	1.67
2024/07/10 02:15	9.96	1.0474	1.62
2024/07/10 02:30	9.67	0.8778	1.4
2024/07/10 02:45	9.48	0.7464	1.22
2024/07/10 03:00	9.34	0.6926	1.16

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/10 03:15	9.25	0.5728	0.97
2024/07/10 03:30	9.19	0.5683	0.97
2024/07/10 03:45	9.14	0.5643	0.97
2024/07/10 04:00	9.14	0.5643	0.97
2024/07/10 04:15	9.14	0.5783	0.99
2024/07/10 04:30	9.19	0.5926	1.01
2024/07/10 04:45	9.2	0.5973	1.02
2024/07/10 05:00	9.23	0.6287	1.07
2024/07/10 05:15	9.34	0.7313	1.22
2024/07/10 05:30	9.63	0.8392	1.35
2024/07/10 05:45	9.64	0.9426	1.51
2024/07/10 06:00	9.83	0.9850	1.54
2024/07/10 06:15	10.07	1.0624	1.62
2024/07/10 06:30	10.24	1.1204	1.67
2024/07/10 06:45	10.67	1.2155	1.72
2024/07/10 07:00	11.52	1.3586	1.76
2024/07/10 07:15	11.56	1.4151	1.83
2024/07/10 07:30	11.77	1.4967	1.89
2024/07/10 07:45	12.42	1.5905	1.89
2024/07/10 08:00	12.59	1.6747	1.96
2024/07/10 08:15	12.8	1.7530	2.02
2024/07/10 08:30	12.85	1.8232	2.09
2024/07/10 08:45	13.03	1.7870	2.02
2024/07/10 09:00	13.16	1.8519	2.07
2024/07/10 09:15	13.21	1.8778	2.09
2024/07/10 09:30	13.32	1.8943	2.09
2024/07/10 09:45	13.32	1.9753	2.18
2024/07/10 10:00	13.32	1.9755	2.18
2024/07/10 10:15	13.37	1.9458	2.14
2024/07/10 10:30	13.48	1.9624	2.14
2024/07/10 10:45	13.56	2.0762	2.25
2024/07/10 11:00	13.56	2.0762	2.25
2024/07/10 11:15	13.52	2.0696	2.25
2024/07/10 11:30	13.61	1.9819	2.14
2024/07/10 11:45	13.67	2.0015	2.15
2024/07/10 12:00	13.67	2.0015	2.15
2024/07/10 12:15	13.52	2.0324	2.21
2024/07/10 12:30	13.52	1.9967	2.17
2024/07/10 12:45	13.52	1.9967	2.17
2024/07/10 13:00	13.52	1.9790	2.15
2024/07/10 13:15	13.39	1.9592	2.15
2024/07/10 13:30	13.39	1.9302	2.12

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/10 13:45	13.37	1.9617	2.16
2024/07/10 14:00	13.37	1.8862	2.07
2024/07/10 14:15	13.37	1.8783	2.06
2024/07/10 14:30	13.37	1.8731	2.06
2024/07/10 14:45	13.45	1.8900	2.06
2024/07/10 15:00	13.49	1.8906	2.06
2024/07/10 15:15	13.54	1.8978	2.06
2024/07/10 15:30	13.54	1.8978	2.06
2024/07/10 15:45	13.49	2.0148	2.19
2024/07/10 16:00	13.52	2.0192	2.19
2024/07/10 16:15	13.52	2.0561	2.23
2024/07/10 16:30	13.51	2.0545	2.23
2024/07/10 16:45	13.51	2.0545	2.23
2024/07/10 17:00	13.51	2.0332	2.21
2024/07/10 17:15	13.52	2.0561	2.23
2024/07/10 17:30	13.54	2.0379	2.21
2024/07/10 17:45	13.6	2.1206	2.29
2024/07/10 18:00	13.72	2.1397	2.29
2024/07/10 18:15	13.78	2.0748	2.21
2024/07/10 18:30	13.79	2.1508	2.29
2024/07/10 18:45	13.79	2.1508	2.29
2024/07/10 19:00	14.19	2.2128	2.29
2024/07/10 19:15	14.19	2.2128	2.29
2024/07/10 19:30	14.19	2.1944	2.27
2024/07/10 19:45	13.84	2.0238	2.15
2024/07/10 20:00	13.84	2.0238	2.15
2024/07/10 20:15	13.84	2.0238	2.15
2024/07/10 20:30	13.97	2.1090	2.22
2024/07/10 20:45	13.97	2.1090	2.22
2024/07/10 21:00	14.07	2.0435	2.13
2024/07/10 21:15	14.39	2.1708	2.22
2024/07/10 21:30	14.49	2.3714	2.41
2024/07/10 21:45	14.65	2.3960	2.41
2024/07/10 22:00	14.67	2.3957	2.4
2024/07/10 22:15	14.67	2.3957	2.4
2024/07/10 22:30	14.65	2.3790	2.39
2024/07/10 22:45	14.65	2.3927	2.4
2024/07/10 23:00	14.57	2.3668	2.39
2024/07/10 23:15	14.36	2.3340	2.39
2024/07/10 23:30	14.31	2.2510	2.31
2024/07/10 23:45	13.66	2.0329	2.19
2024/07/11 00:00	12.98	1.7965	2.04

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/11 00:15	12.91	1.7502	2
2024/07/11 00:30	12.46	1.6814	1.99
2024/07/11 00:45	12.26	1.6513	1.99
2024/07/11 01:00	11.61	1.5022	1.93
2024/07/11 01:15	11.03	1.3337	1.82
2024/07/11 01:30	10.99	1.3072	1.79
2024/07/11 01:45	10.49	1.2287	1.78
2024/07/11 02:00	10.25	1.0691	1.59
2024/07/11 02:15	10.11	1.0087	1.53
2024/07/11 02:30	9.89	0.9796	1.52
2024/07/11 02:45	9.72	0.8891	1.41
2024/07/11 03:00	9.62	0.7619	1.23
2024/07/11 03:15	9.38	0.7380	1.23
2024/07/11 03:30	9.33	0.6477	1.08
2024/07/11 03:45	9.21	0.6364	1.08
2024/07/11 04:00	9.14	0.6267	1.08
2024/07/11 04:15	9.14	0.6305	1.08
2024/07/11 04:30	9.21	0.6364	1.08
2024/07/11 04:45	9.21	0.6364	1.08
2024/07/11 05:00	9.24	0.6393	1.08
2024/07/11 05:15	9.25	0.6941	1.17
2024/07/11 05:30	9.37	0.7146	1.19
2024/07/11 05:45	9.71	0.9734	1.55
2024/07/11 06:00	9.89	1.0994	1.71
2024/07/11 06:15	10.15	1.1828	1.78
2024/07/11 06:30	10.91	1.2931	1.79
2024/07/11 06:45	10.94	1.3118	1.81
2024/07/11 07:00	11.43	1.3828	1.81
2024/07/11 07:15	11.92	1.5331	1.91
2024/07/11 07:30	12.22	1.5769	1.91
2024/07/11 07:45	12.56	1.7018	2
2024/07/11 08:00	13.09	1.8996	2.13
2024/07/11 08:15	13.15	1.9086	2.13
2024/07/11 08:30	13.29	1.9303	2.13
2024/07/11 08:45	13.49	1.9494	2.12
2024/07/11 09:00	13.55	1.9583	2.12
2024/07/11 09:15	13.6	1.9768	2.13
2024/07/11 09:30	13.61	1.9672	2.12
2024/07/11 09:45	13.61	1.9672	2.12
2024/07/11 10:00	13.6	2.0797	2.25
2024/07/11 10:15	13.61	2.0812	2.25
2024/07/11 10:30	13.64	2.1210	2.28

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/11 10:45	13.68	2.1274	2.28
2024/07/11 11:00	13.68	2.0922	2.25
2024/07/11 11:15	13.94	2.1320	2.25
2024/07/11 11:30	13.94	2.1225	2.24
2024/07/11 11:45	14.06	2.1404	2.24
2024/07/11 12:00	14.06	2.1437	2.24
2024/07/11 12:15	14.06	2.1437	2.24
2024/07/11 12:30	13.97	2.1269	2.24
2024/07/11 12:45	13.94	2.1258	2.24
2024/07/11 13:00	13.79	2.1026	2.24
2024/07/11 13:15	13.78	2.1011	2.24
2024/07/11 13:30	13.75	2.0084	2.15
2024/07/11 13:45	13.67	1.9965	2.15
2024/07/11 14:00	13.67	1.9965	2.15
2024/07/11 14:15	13.65	2.0273	2.18
2024/07/11 14:30	13.65	2.0273	2.18
2024/07/11 14:45	13.65	2.0583	2.21
2024/07/11 15:00	13.53	2.0397	2.21
2024/07/11 15:15	13.53	2.1257	2.31
2024/07/11 15:30	13.53	2.1257	2.31
2024/07/11 15:45	13.38	2.0160	2.21
2024/07/11 16:00	13.53	2.1070	2.29
2024/07/11 16:15	13.53	2.1070	2.29
2024/07/11 16:30	13.53	2.1070	2.29
2024/07/11 16:45	13.44	2.0923	2.29
2024/07/11 17:00	13.58	2.1148	2.29
2024/07/11 17:15	13.47	2.0736	2.26
2024/07/11 17:30	13.48	2.0752	2.26
2024/07/11 17:45	13.48	2.0752	2.26
2024/07/11 18:00	13.48	1.7768	1.94
2024/07/11 18:15	13.58	2.0911	2.26
2024/07/11 18:30	13.8	2.1440	2.28
2024/07/11 18:45	13.8	2.1254	2.26
2024/07/11 19:00	13.85	2.1518	2.28
2024/07/11 19:15	13.93	2.2100	2.33
2024/07/11 19:30	13.85	2.1973	2.33
2024/07/11 19:45	13.93	2.2623	2.39
2024/07/11 20:00	13.93	2.2100	2.33
2024/07/11 20:15	13.79	2.1877	2.33
2024/07/11 20:30	13.93	2.2100	2.33
2024/07/11 20:45	13.93	2.1875	2.31
2024/07/11 21:00	13.96	2.1768	2.29

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/11 21:15	14.19	2.2122	2.29
2024/07/11 21:30	14.38	2.2408	2.29
2024/07/11 21:45	14.39	1.9574	2
2024/07/11 22:00	14.46	2.2589	2.3
2024/07/11 22:15	14.39	2.2484	2.3
2024/07/11 22:30	14.38	2.2469	2.3
2024/07/11 22:45	14.19	2.2670	2.35
2024/07/11 23:00	14.08	2.2498	2.35
2024/07/11 23:15	14.08	2.0979	2.19
2024/07/11 23:30	14.07	2.0964	2.19
2024/07/11 23:45	13.32	1.9826	2.19
2024/07/12 00:00	13.1	1.9342	2.17
2024/07/12 00:15	13.04	1.9037	2.15
2024/07/12 00:30	12.24	1.6742	2.02
2024/07/12 00:45	12.12	1.6225	1.98
2024/07/12 01:00	11.74	1.5046	1.91
2024/07/12 01:15	11.42	1.3797	1.8
2024/07/12 01:30	10.88	1.2142	1.68
2024/07/12 01:45	10.52	1.1538	1.66
2024/07/12 02:00	10.32	1.0108	1.49
2024/07/12 02:15	10.02	0.8598	1.32
2024/07/12 02:30	9.7	0.8002	1.28
2024/07/12 02:45	9.69	0.7581	1.21
2024/07/12 03:00	9.5	0.6486	1.06
2024/07/12 03:15	9.37	0.6323	1.05
2024/07/12 03:30	9.35	0.6157	1.03
2024/07/12 03:45	9.32	0.6078	1.02
2024/07/12 04:00	9.22	0.5901	1
2024/07/12 04:15	9.22	0.5651	0.96
2024/07/12 04:30	9.22	0.5453	0.93
2024/07/12 04:45	9.22	0.5453	0.93
2024/07/12 05:00	9.22	0.5651	0.96
2024/07/12 05:15	9.32	0.6071	1.02
2024/07/12 05:30	9.47	0.6768	1.11
2024/07/12 05:45	9.62	0.7169	1.15
2024/07/12 06:00	9.8	0.7626	1.2
2024/07/12 06:15	10.1	1.0566	1.6
2024/07/12 06:30	10.58	1.1446	1.64
2024/07/12 06:45	10.6	1.1472	1.64
2024/07/12 07:00	11.38	1.3691	1.8
2024/07/12 07:15	11.42	1.4255	1.87
2024/07/12 07:30	11.92	1.5035	1.87

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/12 07:45	12.41	1.5856	1.89
2024/07/12 08:00	12.69	1.6614	1.93
2024/07/12 08:15	12.78	1.6742	1.93
2024/07/12 08:30	12.97	1.7246	1.96
2024/07/12 08:45	12.98	1.7577	1.99
2024/07/12 09:00	13.33	1.9001	2.1
2024/07/12 09:15	13.35	1.9694	2.17
2024/07/12 09:30	13.47	2.0077	2.19
2024/07/12 09:45	13.47	2.0412	2.23
2024/07/12 10:00	13.47	2.0412	2.23
2024/07/12 10:15	13.47	2.0412	2.23
2024/07/12 10:30	13.61	2.0628	2.23
2024/07/12 10:45	13.61	2.0290	2.19
2024/07/12 11:00	13.61	2.0628	2.23
2024/07/12 11:15	13.61	2.0628	2.23
2024/07/12 11:30	13.64	1.9812	2.13
2024/07/12 11:45	13.72	1.9931	2.13
2024/07/12 12:00	13.74	1.9960	2.13
2024/07/12 12:15	13.72	2.1565	2.31
2024/07/12 12:30	13.72	2.2092	2.36
2024/07/12 12:45	13.69	2.2386	2.4
2024/07/12 13:00	13.69	2.2386	2.4
2024/07/12 13:15	13.69	2.2386	2.4
2024/07/12 13:30	13.62	2.2457	2.42
2024/07/12 13:45	13.62	2.2457	2.42
2024/07/12 14:00	13.69	2.1490	2.31
2024/07/12 14:15	13.69	2.1487	2.31
2024/07/12 14:30	13.69	2.0498	2.2
2024/07/12 14:45	13.69	1.9921	2.14
2024/07/12 15:00	13.62	2.1375	2.31
2024/07/12 15:15	13.61	2.1359	2.31
2024/07/12 15:30	13.54	1.9014	2.06
2024/07/12 15:45	13.54	2.1246	2.31
2024/07/12 16:00	13.54	2.1246	2.31
2024/07/12 16:15	13.54	2.2266	2.42
2024/07/12 16:30	13.67	2.2485	2.42
2024/07/12 16:45	13.67	2.2485	2.42
2024/07/12 17:00	13.67	2.1518	2.31
2024/07/12 17:15	13.69	2.1550	2.31
2024/07/12 17:30	13.69	2.1550	2.31
2024/07/12 17:45	13.68	2.1248	2.28
2024/07/12 18:00	13.68	2.1248	2.28

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/12 18:15	13.73	2.0991	2.25
2024/07/12 18:30	13.73	2.0991	2.25
2024/07/12 18:45	13.73	2.1517	2.3
2024/07/12 19:00	13.73	2.1840	2.34
2024/07/12 19:15	13.73	2.1517	2.3
2024/07/12 19:30	13.87	2.2235	2.35
2024/07/12 19:45	13.73	2.2011	2.35
2024/07/12 20:00	13.72	2.2010	2.36
2024/07/12 20:15	13.74	2.2043	2.36
2024/07/12 20:30	13.87	2.2235	2.35
2024/07/12 20:45	13.74	2.1885	2.34
2024/07/12 21:00	13.74	2.2043	2.36
2024/07/12 21:15	13.74	2.1885	2.34
2024/07/12 21:30	13.9	2.2143	2.34
2024/07/12 21:45	14.04	2.2365	2.34
2024/07/12 22:00	14.04	2.2596	2.36
2024/07/12 22:15	14.04	2.3304	2.44
2024/07/12 22:30	14.04	2.3304	2.44
2024/07/12 22:45	13.8	2.2400	2.38
2024/07/12 23:00	13.58	2.2036	2.38
2024/07/12 23:15	13.53	2.1950	2.38
2024/07/12 23:30	13.21	1.9789	2.2
2024/07/12 23:45	13.2	1.8738	2.09
2024/07/13 00:00	12.97	1.7741	2.01
2024/07/13 00:15	12.79	1.7449	2.01
2024/07/13 00:30	12.47	1.6949	2.01
2024/07/13 00:45	11.96	1.6171	2.01
2024/07/13 01:00	11.62	1.4529	1.86
2024/07/13 01:15	11.39	1.3541	1.78
2024/07/13 01:30	11.13	1.3177	1.78
2024/07/13 01:45	11	1.2787	1.75
2024/07/13 02:00	10.58	1.1721	1.68
2024/07/13 02:15	10.51	1.1627	1.68
2024/07/13 02:30	9.86	1.0616	1.66
2024/07/13 02:45	9.82	0.9489	1.49
2024/07/13 03:00	9.71	0.9349	1.49
2024/07/13 03:15	9.69	0.8862	1.41
2024/07/13 03:30	9.57	0.8009	1.3
2024/07/13 03:45	9.54	0.7856	1.28
2024/07/13 04:00	9.37	0.7651	1.27
2024/07/13 04:15	9.37	0.6315	1.05
2024/07/13 04:30	9.37	0.6312	1.05

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/13 04:45	9.37	0.6312	1.05
2024/07/13 05:00	9.38	0.6325	1.05
2024/07/13 05:15	9.38	0.6720	1.12
2024/07/13 05:30	9.38	0.6720	1.12
2024/07/13 05:45	9.41	0.7140	1.18
2024/07/13 06:00	9.43	0.7511	1.24
2024/07/13 06:15	9.47	0.7745	1.27
2024/07/13 06:30	9.67	0.9456	1.51
2024/07/13 06:45	10.35	1.1253	1.65
2024/07/13 07:00	10.56	1.1527	1.66
2024/07/13 07:15	10.89	1.2050	1.67
2024/07/13 07:30	11.09	1.2671	1.72
2024/07/13 07:45	11.42	1.3722	1.8
2024/07/13 08:00	11.61	1.3988	1.8
2024/07/13 08:15	12.11	1.6406	2.01
2024/07/13 08:30	12.62	1.7372	2.03
2024/07/13 08:45	12.72	1.7713	2.05
2024/07/13 09:00	12.9	1.7985	2.05
2024/07/13 09:15	13.08	1.8461	2.08
2024/07/13 09:30	13.55	1.9674	2.13
2024/07/13 09:45	13.57	1.9781	2.14
2024/07/13 10:00	13.69	2.0397	2.19
2024/07/13 10:15	13.94	2.1387	2.25
2024/07/13 10:30	14.18	2.1736	2.25
2024/07/13 10:45	14.23	2.3735	2.45
2024/07/13 11:00	14.35	2.4373	2.5
2024/07/13 11:15	14.39	2.3990	2.45
2024/07/13 11:30	14.42	2.3904	2.44
2024/07/13 11:45	14.47	2.3994	2.44
2024/07/13 12:00	14.49	2.4012	2.44
2024/07/13 12:15	14.49	2.4145	2.45
2024/07/13 12:30	14.6	2.4315	2.45
2024/07/13 12:45	14.6	2.4182	2.44
2024/07/13 13:00	14.6	2.4315	2.45
2024/07/13 13:15	14.6	2.4315	2.45
2024/07/13 13:30	14.49	2.5064	2.54
2024/07/13 13:45	14.48	2.5050	2.54
2024/07/13 14:00	14.39	2.4899	2.54
2024/07/13 14:15	14.35	2.3816	2.44
2024/07/13 14:30	14.29	2.4590	2.53
2024/07/13 14:45	14.19	2.3559	2.44
2024/07/13 15:00	14.18	2.4406	2.53

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/13 15:15	14.18	2.3543	2.44
2024/07/13 15:30	14.18	2.3543	2.44
2024/07/13 15:45	14.15	2.2451	2.33
2024/07/13 16:00	14.14	2.2436	2.33
2024/07/13 16:15	14.02	2.1775	2.28
2024/07/13 16:30	13.77	2.1386	2.28
2024/07/13 16:45	13.75	2.1357	2.28
2024/07/13 17:00	13.72	2.1310	2.28
2024/07/13 17:15	13.68	2.2175	2.38
2024/07/13 17:30	13.58	2.2009	2.38
2024/07/13 17:45	13.54	2.0708	2.25
2024/07/13 18:00	13.54	2.0708	2.25
2024/07/13 18:15	13.52	2.0355	2.21
2024/07/13 18:30	13.4	2.0049	2.2
2024/07/13 18:45	13.4	2.0049	2.2
2024/07/13 19:00	13.36	1.9840	2.18
2024/07/13 19:15	13.28	1.9716	2.18
2024/07/13 19:30	13.15	1.9366	2.17
2024/07/13 19:45	13.12	1.9111	2.14
2024/07/13 20:00	13.12	1.9111	2.14
2024/07/13 20:15	13.07	1.9000	2.14
2024/07/13 20:30	13.07	1.9033	2.14
2024/07/13 20:45	13.07	1.9033	2.14
2024/07/13 21:00	13.11	1.9681	2.21
2024/07/13 21:15	13.17	1.9776	2.21
2024/07/13 21:30	13.54	2.0870	2.26
2024/07/13 21:45	13.54	2.0870	2.26
2024/07/13 22:00	13.54	2.1213	2.3
2024/07/13 22:15	13.54	2.1213	2.3
2024/07/13 22:30	13.54	2.1213	2.3
2024/07/13 22:45	13.3	2.0821	2.3
2024/07/13 23:00	13.19	2.0640	2.3
2024/07/13 23:15	13.14	2.0557	2.3
2024/07/13 23:30	12.76	1.9347	2.23
2024/07/13 23:45	12.72	1.8739	2.17
2024/07/14 00:00	12.52	1.8188	2.14
2024/07/14 00:15	12.28	1.6116	1.94
2024/07/14 00:30	12.21	1.5260	1.85
2024/07/14 00:45	12.11	1.5096	1.85
2024/07/14 01:00	11.69	1.4499	1.85
2024/07/14 01:15	11.45	1.4162	1.85
2024/07/14 01:30	11.08	1.3630	1.85

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/14 01:45	10.99	1.3386	1.83
2024/07/14 02:00	10.58	1.1841	1.7
2024/07/14 02:15	10.3	1.1372	1.68
2024/07/14 02:30	10.09	1.1088	1.68
2024/07/14 02:45	9.91	0.9594	1.49
2024/07/14 03:00	9.75	0.8936	1.42
2024/07/14 03:15	9.66	0.7787	1.25
2024/07/14 03:30	9.44	0.7469	1.23
2024/07/14 03:45	9.41	0.6734	1.12
2024/07/14 04:00	9.28	0.6354	1.07
2024/07/14 04:15	9.25	0.5967	1.01
2024/07/14 04:30	9.22	0.5750	0.98
2024/07/14 04:45	9.2	0.5690	0.97
2024/07/14 05:00	9.2	0.5639	0.96
2024/07/14 05:15	9.2	0.5395	0.92
2024/07/14 05:30	9.2	0.5395	0.92
2024/07/14 05:45	9.2	0.5342	0.91
2024/07/14 06:00	9.2	0.5344	0.91
2024/07/14 06:15	9.32	0.5487	0.92
2024/07/14 06:30	9.34	0.5748	0.96
2024/07/14 06:45	9.66	0.8680	1.39
2024/07/14 07:00	9.74	0.9086	1.44
2024/07/14 07:15	9.94	1.0187	1.57
2024/07/14 07:30	10.38	1.1352	1.66
2024/07/14 07:45	10.47	1.1688	1.7
2024/07/14 08:00	10.99	1.2781	1.75
2024/07/14 08:15	11.03	1.3134	1.79
2024/07/14 08:30	11.42	1.3920	1.82
2024/07/14 08:45	11.65	1.4609	1.87
2024/07/14 09:00	12.29	1.6145	1.94
2024/07/14 09:15	12.53	1.6496	1.94
2024/07/14 09:30	12.84	1.7659	2.03
2024/07/14 09:45	13.03	1.8573	2.1
2024/07/14 10:00	13.3	1.9875	2.2
2024/07/14 10:15	13.48	2.0526	2.24
2024/07/14 10:30	13.65	2.1904	2.36
2024/07/14 10:45	13.94	2.3039	2.43
2024/07/14 11:00	13.97	2.3110	2.43
2024/07/14 11:15	14.48	2.4786	2.52
2024/07/14 11:30	14.56	2.4036	2.43
2024/07/14 11:45	14.62	2.4129	2.43
2024/07/14 12:00	14.65	2.4687	2.48

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/14 12:15	14.77	2.4874	2.48
2024/07/14 12:30	14.77	2.4408	2.43
2024/07/14 12:45	14.77	2.2804	2.27
2024/07/14 13:00	14.77	2.2689	2.26
2024/07/14 13:15	14.77	2.2689	2.26
2024/07/14 13:30	14.52	2.2343	2.26
2024/07/14 13:45	14.51	2.2328	2.26
2024/07/14 14:00	14.45	2.2241	2.26
2024/07/14 14:15	14.44	2.3069	2.35
2024/07/14 14:30	14.42	2.3065	2.35
2024/07/14 14:45	14.42	2.3063	2.35
2024/07/14 15:00	13.95	2.2329	2.35
2024/07/14 15:15	13.83	2.2110	2.35
2024/07/14 15:30	13.8	2.1861	2.33
2024/07/14 15:45	13.61	2.1309	2.3
2024/07/14 16:00	13.57	2.0753	2.25
2024/07/14 16:15	13.56	2.0737	2.25
2024/07/14 16:30	13.54	2.0680	2.24
2024/07/14 16:45	13.52	2.0674	2.25
2024/07/14 17:00	13.46	1.9694	2.15
2024/07/14 17:15	13.46	1.9694	2.15
2024/07/14 17:30	13.41	1.9618	2.15
2024/07/14 17:45	13.41	1.9618	2.15
2024/07/14 18:00	13.41	1.9377	2.12
2024/07/14 18:15	13.24	1.9345	2.15
2024/07/14 18:30	13.24	1.9345	2.15
2024/07/14 18:45	13.19	1.9372	2.16
2024/07/14 19:00	13.12	1.9263	2.16
2024/07/14 19:15	13.09	1.9217	2.16
2024/07/14 19:30	13.07	1.9185	2.16
2024/07/14 19:45	13.07	1.9224	2.16
2024/07/14 20:00	13.09	1.9217	2.16
2024/07/14 20:15	13.09	1.8626	2.09
2024/07/14 20:30	13.09	1.7648	1.98
2024/07/14 20:45	13.29	1.7931	1.98
2024/07/14 21:00	13.48	1.9192	2.09
2024/07/14 21:15	13.53	1.9917	2.16
2024/07/14 21:30	13.53	2.0256	2.2
2024/07/14 21:45	13.61	2.0806	2.25
2024/07/14 22:00	13.74	2.1648	2.31
2024/07/14 22:15	13.84	2.1807	2.31
2024/07/14 22:30	13.84	2.1807	2.31

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/14 22:45	13.84	2.1884	2.32
2024/07/14 23:00	13.84	2.1762	2.31
2024/07/14 23:15	13.65	2.1459	2.31
2024/07/14 23:30	13.49	2.1200	2.31
2024/07/14 23:45	13.11	2.0126	2.26
2024/07/15 00:00	12.88	1.8977	2.17
2024/07/15 00:15	12.45	1.7824	2.12
2024/07/15 00:30	11.93	1.6123	2.01
2024/07/15 00:45	11.54	1.4847	1.92
2024/07/15 01:00	11.33	1.3718	1.81
2024/07/15 01:15	10.53	1.2014	1.73
2024/07/15 01:30	10.53	1.2014	1.73
2024/07/15 01:45	10.38	1.1420	1.67
2024/07/15 02:00	10	1.0700	1.64
2024/07/15 02:15	9.97	0.9535	1.47
2024/07/15 02:30	9.68	0.7983	1.28
2024/07/15 02:45	9.64	0.6977	1.12
2024/07/15 03:00	9.61	0.6952	1.12
2024/07/15 03:15	9.38	0.6479	1.08
2024/07/15 03:30	9.26	0.6374	1.08
2024/07/15 03:45	9.26	0.6029	1.02
2024/07/15 04:00	9.23	0.5997	1.02
2024/07/15 04:15	9.23	0.6004	1.02
2024/07/15 04:30	9.2	0.5974	1.02
2024/07/15 04:45	9.2	0.5974	1.02
2024/07/15 05:00	9.2	0.6270	1.07
2024/07/15 05:15	9.3	0.6357	1.07
2024/07/15 05:30	9.59	0.7779	1.26
2024/07/15 05:45	9.74	0.9698	1.54
2024/07/15 06:00	9.9	1.0334	1.61
2024/07/15 06:15	10.28	1.2041	1.79
2024/07/15 06:30	10.32	1.2261	1.81
2024/07/15 06:45	10.65	1.2848	1.83
2024/07/15 07:00	11.27	1.3889	1.85
2024/07/15 07:15	11.98	1.5177	1.88
2024/07/15 07:30	12.08	1.5591	1.91
2024/07/15 07:45	12.61	1.6737	1.96
2024/07/15 08:00	12.73	1.7365	2.01
2024/07/15 08:15	12.82	1.8490	2.13
2024/07/15 08:30	12.96	1.8708	2.13
2024/07/15 08:45	13.1	1.8850	2.12
2024/07/15 09:00	13.14	1.8911	2.12

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/15 09:15	13.18	1.9047	2.13
2024/07/15 09:30	13.22	1.9109	2.13
2024/07/15 09:45	13.29	1.9215	2.13
2024/07/15 10:00	13.49	1.9582	2.13
2024/07/15 10:15	13.57	1.9815	2.15
2024/07/15 10:30	13.58	1.9918	2.15
2024/07/15 10:45	13.64	2.1637	2.33
2024/07/15 11:00	13.69	2.1721	2.33
2024/07/15 11:15	13.69	2.1721	2.33
2024/07/15 11:30	13.67	2.2524	2.42
2024/07/15 11:45	13.67	2.2524	2.42
2024/07/15 12:00	13.82	2.1614	2.3
2024/07/15 12:15	13.81	2.1598	2.3
2024/07/15 12:30	13.82	2.1211	2.25
2024/07/15 12:45	13.81	2.1195	2.25
2024/07/15 13:00	13.82	2.2088	2.35
2024/07/15 13:15	13.97	2.2328	2.35
2024/07/15 13:30	13.97	2.2548	2.37
2024/07/15 13:45	14.08	2.2721	2.37
2024/07/15 14:00	14.08	2.2721	2.37
2024/07/15 14:15	14.08	2.2805	2.38
2024/07/15 14:30	14.08	2.3134	2.41
2024/07/15 14:45	13.73	2.2561	2.41
2024/07/15 15:00	13.62	2.2913	2.47
2024/07/15 15:15	13.56	2.1958	2.38
2024/07/15 15:30	13.48	2.1822	2.38
2024/07/15 15:45	13.47	2.1047	2.3
2024/07/15 16:00	13.47	2.1047	2.3
2024/07/15 16:15	13.47	2.1047	2.3
2024/07/15 16:30	13.48	2.1063	2.3
2024/07/15 16:45	13.98	2.1858	2.3
2024/07/15 17:00	14.01	2.2061	2.31
2024/07/15 17:15	14.16	2.2742	2.36
2024/07/15 17:30	14.16	2.2742	2.36
2024/07/15 17:45	14.16	2.2296	2.31
2024/07/15 18:00	14.16	2.1634	2.24
2024/07/15 18:15	14.03	2.2094	2.31
2024/07/15 18:30	13.8	2.1084	2.24
2024/07/15 18:45	13.8	2.1084	2.24
2024/07/15 19:00	13.76	1.9259	2.06
2024/07/15 19:15	13.76	2.1022	2.24
2024/07/15 19:30	13.8	2.1399	2.28

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/15 19:45	13.91	2.1571	2.28
2024/07/15 20:00	14	2.1708	2.28
2024/07/15 20:15	14.02	2.1739	2.28
2024/07/15 20:30	14.07	2.0800	2.17
2024/07/15 20:45	14.07	2.2202	2.32
2024/07/15 21:00	14.07	2.2202	2.32
2024/07/15 21:15	14.34	2.2613	2.32
2024/07/15 21:30	14.56	2.2941	2.32
2024/07/15 21:45	14.76	2.3234	2.32
2024/07/15 22:00	14.76	2.5693	2.56
2024/07/15 22:15	14.76	2.5693	2.56
2024/07/15 22:30	14.76	2.4387	2.43
2024/07/15 22:45	14.46	2.2792	2.32
2024/07/15 23:00	14.35	2.2927	2.35
2024/07/15 23:15	14.07	2.2490	2.35
2024/07/15 23:30	13.85	2.2066	2.34
2024/07/15 23:45	13.48	2.0723	2.26
2024/07/16 00:00	13.26	1.9583	2.17
2024/07/16 00:15	12.59	1.5803	1.85
2024/07/16 00:30	12.16	1.5061	1.83
2024/07/16 00:45	11.46	1.4070	1.83
2024/07/16 01:00	11.37	1.3734	1.81
2024/07/16 01:15	10.97	1.2869	1.77
2024/07/16 01:30	10.56	1.2012	1.73
2024/07/16 01:45	10.22	1.1394	1.7
2024/07/16 02:00	10.18	1.1340	1.7
2024/07/16 02:15	9.75	0.8107	1.28
2024/07/16 02:30	9.66	0.7920	1.27
2024/07/16 02:45	9.48	0.7068	1.16
2024/07/16 03:00	9.41	0.6556	1.08
2024/07/16 03:15	9.39	0.6536	1.08
2024/07/16 03:30	9.2	0.6321	1.08
2024/07/16 03:45	9.15	0.5643	0.97
2024/07/16 04:00	9.08	0.5442	0.94
2024/07/16 04:15	9.08	0.5359	0.93
2024/07/16 04:30	9.15	0.5406	0.93
2024/07/16 04:45	9.19	0.5444	0.93
2024/07/16 05:00	9.19	0.5444	0.93
2024/07/16 05:15	9.25	0.5574	0.94
2024/07/16 05:30	9.63	0.8280	1.33
2024/07/16 05:45	9.64	0.8292	1.33
2024/07/16 06:00	9.94	0.8989	1.39

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/16 06:15	9.96	0.9092	1.4
2024/07/16 06:30	10.27	1.0582	1.57
2024/07/16 06:45	10.73	1.1643	1.64
2024/07/16 07:00	10.83	1.2241	1.7
2024/07/16 07:15	11.7	1.5133	1.93
2024/07/16 07:30	12.07	1.5682	1.93
2024/07/16 07:45	12.21	1.7047	2.07
2024/07/16 08:00	12.77	1.7898	2.07
2024/07/16 08:15	12.95	1.8172	2.07
2024/07/16 08:30	13.06	1.8670	2.1
2024/07/16 08:45	13.13	1.8864	2.11
2024/07/16 09:00	13.21	1.8170	2.02
2024/07/16 09:15	13.21	1.8986	2.11
2024/07/16 09:30	13.38	1.9240	2.11
2024/07/16 09:45	13.38	2.0099	2.21
2024/07/16 10:00	13.38	2.0099	2.21
2024/07/16 10:15	13.49	2.0451	2.23
2024/07/16 10:30	13.48	2.0433	2.23
2024/07/16 10:45	13.48	2.0433	2.23
2024/07/16 11:00	13.49	2.0268	2.21
2024/07/16 11:15	13.51	2.0646	2.25
2024/07/16 11:30	13.58	2.0366	2.2
2024/07/16 11:45	13.69	2.1233	2.28
2024/07/16 12:00	13.69	2.1233	2.28
2024/07/16 12:15	13.69	2.0724	2.22
2024/07/16 12:30	13.76	2.1343	2.28
2024/07/16 12:45	13.76	2.2005	2.35
2024/07/16 13:00	13.76	2.2040	2.35
2024/07/16 13:15	13.77	2.2056	2.35
2024/07/16 13:30	13.76	2.2762	2.43
2024/07/16 13:45	13.74	2.1973	2.35
2024/07/16 14:00	13.75	2.1986	2.35
2024/07/16 14:15	13.74	2.1443	2.29
2024/07/16 14:30	13.65	2.0739	2.23
2024/07/16 14:45	13.61	1.9790	2.14
2024/07/16 15:00	13.6	1.9775	2.14
2024/07/16 15:15	13.45	1.9472	2.13
2024/07/16 15:30	13.45	1.9565	2.14
2024/07/16 15:45	13.29	2.0187	2.23
2024/07/16 16:00	13.29	1.9322	2.14
2024/07/16 16:15	13.35	1.9413	2.14
2024/07/16 16:30	13.39	1.9381	2.13

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/16 16:45	13.35	1.9321	2.13
2024/07/16 17:00	13.39	1.9648	2.16
2024/07/16 17:15	13.39	1.9648	2.16
2024/07/16 17:30	13.4	1.9663	2.16
2024/07/16 17:45	13.49	2.0375	2.22
2024/07/16 18:00	13.49	2.0375	2.22
2024/07/16 18:15	13.61	2.0661	2.23
2024/07/16 18:30	13.76	2.0880	2.23
2024/07/16 18:45	13.77	2.0893	2.23
2024/07/16 19:00	13.8	2.0852	2.22
2024/07/16 19:15	13.82	2.0843	2.22
2024/07/16 19:30	13.82	2.0843	2.22
2024/07/16 19:45	13.83	2.2238	2.36
2024/07/16 20:00	13.83	2.2238	2.36
2024/07/16 20:15	13.87	2.2303	2.36
2024/07/16 20:30	13.87	2.1323	2.26
2024/07/16 20:45	13.9	2.1370	2.26
2024/07/16 21:00	14.01	2.1600	2.27
2024/07/16 21:15	14.1	2.1737	2.27
2024/07/16 21:30	14.14	2.1798	2.27
2024/07/16 21:45	14.28	2.1945	2.26
2024/07/16 22:00	14.3	2.2038	2.27
2024/07/16 22:15	14.39	2.2236	2.27
2024/07/16 22:30	14.39	2.2636	2.31
2024/07/16 22:45	14.39	2.2636	2.31
2024/07/16 23:00	14.39	2.2236	2.27
2024/07/16 23:15	14.3	2.1873	2.25
2024/07/16 23:30	13.79	2.1114	2.25
2024/07/16 23:45	13.43	2.0152	2.2
2024/07/17 00:00	13.05	1.8855	2.13
2024/07/17 00:15	12.69	1.8165	2.11
2024/07/17 00:30	12.14	1.7062	2.08
2024/07/17 00:45	12.09	1.6387	2.01
2024/07/17 01:00	11.55	1.4063	1.82
2024/07/17 01:15	10.97	1.3224	1.81
2024/07/17 01:30	10.51	1.2451	1.8
2024/07/17 01:45	10.5	1.1582	1.67
2024/07/17 02:00	9.83	0.9664	1.51
2024/07/17 02:15	9.82	0.9236	1.45
2024/07/17 02:30	9.81	0.9120	1.43
2024/07/17 02:45	9.6	0.7896	1.27
2024/07/17 03:00	9.58	0.7826	1.27

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/17 03:15	9.58	0.7620	1.23
2024/07/17 03:30	9.47	0.6401	1.05
2024/07/17 03:45	9.47	0.6401	1.05
2024/07/17 04:00	9.47	0.6401	1.05
2024/07/17 04:15	9.47	0.6215	1.02
2024/07/17 04:30	9.47	0.6401	1.05
2024/07/17 04:45	9.54	0.6478	1.05
2024/07/17 05:00	9.6	0.6533	1.05
2024/07/17 05:15	9.64	0.6895	1.11
2024/07/17 05:30	9.77	0.7043	1.11
2024/07/17 05:45	9.95	0.7701	1.19
2024/07/17 06:00	10	0.8372	1.28
2024/07/17 06:15	10.27	1.0799	1.6
2024/07/17 06:30	10.45	1.2242	1.78
2024/07/17 06:45	11.02	1.3100	1.79
2024/07/17 07:00	11.52	1.4644	1.9
2024/07/17 07:15	11.96	1.5503	1.92
2024/07/17 07:30	12.03	1.5901	1.96
2024/07/17 07:45	12.96	1.7738	2.02
2024/07/17 08:00	12.97	1.8280	2.08
2024/07/17 08:15	13.12	1.9459	2.18
2024/07/17 08:30	13.16	2.0010	2.24
2024/07/17 08:45	13.19	2.0061	2.24
2024/07/17 09:00	13.19	2.0061	2.24
2024/07/17 09:15	13.19	2.0061	2.24
2024/07/17 09:30	13.19	1.8952	2.11
2024/07/17 09:45	13.19	1.8893	2.11
2024/07/17 10:00	13.19	1.8893	2.11
2024/07/17 10:15	13.19	1.8893	2.11
2024/07/17 10:30	13.19	1.8952	2.11
2024/07/17 10:45	13.5	2.0476	2.23
2024/07/17 11:00	13.5	2.0476	2.23
2024/07/17 11:15	13.52	2.0508	2.23
2024/07/17 11:30	13.54	2.1170	2.3
2024/07/17 11:45	13.54	2.1170	2.3
2024/07/17 12:00	13.54	2.1170	2.3
2024/07/17 12:15	13.68	2.0369	2.19
2024/07/17 12:30	13.68	2.0369	2.19
2024/07/17 12:45	13.7	2.0762	2.23
2024/07/17 13:00	13.7	2.0989	2.25
2024/07/17 13:15	13.68	2.0733	2.23
2024/07/17 13:30	13.68	2.0958	2.25

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/17 13:45	13.68	2.0731	2.23
2024/07/17 14:00	13.68	2.0958	2.25
2024/07/17 14:15	13.66	2.1652	2.33
2024/07/17 14:30	13.66	2.1439	2.31
2024/07/17 14:45	13.66	2.1652	2.33
2024/07/17 15:00	13.66	2.1652	2.33
2024/07/17 15:15	13.66	2.1439	2.31
2024/07/17 15:30	13.6	2.1356	2.31
2024/07/17 15:45	13.57	2.1307	2.31
2024/07/17 16:00	13.51	2.0000	2.17
2024/07/17 16:15	13.51	2.0000	2.17
2024/07/17 16:30	13.57	2.0092	2.17
2024/07/17 16:45	13.56	2.0076	2.17
2024/07/17 17:00	13.56	2.0862	2.26
2024/07/17 17:15	13.56	2.0862	2.26
2024/07/17 17:30	13.6	2.0925	2.26
2024/07/17 17:45	13.63	2.0972	2.26
2024/07/17 18:00	13.66	2.1602	2.32
2024/07/17 18:15	13.68	2.1545	2.31
2024/07/17 18:30	13.71	2.1577	2.31
2024/07/17 18:45	13.71	2.1576	2.31
2024/07/17 19:00	13.79	2.1705	2.31
2024/07/17 19:15	13.79	2.1719	2.31
2024/07/17 19:30	13.86	2.1830	2.31
2024/07/17 19:45	13.92	2.1910	2.31
2024/07/17 20:00	13.94	2.1939	2.31
2024/07/17 20:15	13.94	2.1950	2.31
2024/07/17 20:30	13.95	2.3149	2.44
2024/07/17 20:45	14.14	2.3461	2.44
2024/07/17 21:00	14.27	2.4050	2.48
2024/07/17 21:15	14.27	2.4305	2.5
2024/07/17 21:30	15.11	2.5755	2.52
2024/07/17 21:45	15.11	2.6417	2.58
2024/07/17 22:00	15.11	2.5755	2.52
2024/07/17 22:15	15.11	2.5755	2.52
2024/07/17 22:30	14.98	2.5433	2.5
2024/07/17 22:45	14.65	2.4799	2.49
2024/07/17 23:00	14.51	2.4288	2.46
2024/07/17 23:15	14.38	2.4080	2.46
2024/07/17 23:30	13.92	2.3237	2.45
2024/07/17 23:45	13.73	2.1782	2.33
2024/07/18 00:00	13.05	1.7402	1.96

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/18 00:15	12.62	1.6717	1.95
2024/07/18 00:30	12	1.5801	1.95
2024/07/18 00:45	11.61	1.4874	1.91
2024/07/18 01:00	11.52	1.4740	1.91
2024/07/18 01:15	11.14	1.3214	1.78
2024/07/18 01:30	11.09	1.3146	1.78
2024/07/18 01:45	10.76	1.2643	1.78
2024/07/18 02:00	10.5	1.2288	1.78
2024/07/18 02:15	10.35	1.0369	1.53
2024/07/18 02:30	9.96	0.8810	1.36
2024/07/18 02:45	9.83	0.8613	1.35
2024/07/18 03:00	9.73	0.7274	1.15
2024/07/18 03:15	9.52	0.6958	1.13
2024/07/18 03:30	9.49	0.6930	1.13
2024/07/18 03:45	9.47	0.6310	1.04
2024/07/18 04:00	9.43	0.6225	1.03
2024/07/18 04:15	9.42	0.5976	0.99
2024/07/18 04:30	9.42	0.5976	0.99
2024/07/18 04:45	9.42	0.6218	1.03
2024/07/18 05:00	9.49	0.7581	1.24
2024/07/18 05:15	9.56	0.7654	1.24
2024/07/18 05:30	9.58	0.7878	1.27
2024/07/18 05:45	9.86	0.8400	1.31
2024/07/18 06:00	10.01	0.9864	1.51
2024/07/18 06:15	10.21	1.0346	1.55
2024/07/18 06:30	10.56	1.2985	1.86
2024/07/18 06:45	10.87	1.3446	1.86
2024/07/18 07:00	11.37	1.4235	1.87
2024/07/18 07:15	11.92	1.5084	1.88
2024/07/18 07:30	12.31	1.6050	1.93
2024/07/18 07:45	12.39	1.6166	1.93
2024/07/18 08:00	12.78	1.7501	2.02
2024/07/18 08:15	12.98	1.8370	2.08
2024/07/18 08:30	13.02	1.9818	2.24
2024/07/18 08:45	13.23	2.0142	2.24
2024/07/18 09:00	13.23	2.0059	2.23
2024/07/18 09:15	13.28	2.0139	2.23
2024/07/18 09:30	13.34	1.8641	2.05
2024/07/18 09:45	13.41	2.0345	2.23
2024/07/18 10:00	13.46	1.8816	2.05
2024/07/18 10:15	13.51	1.8886	2.05
2024/07/18 10:30	13.51	1.8886	2.05

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/18 10:45	13.51	1.8820	2.05
2024/07/18 11:00	13.51	1.8481	2.01
2024/07/18 11:15	13.44	1.8731	2.05
2024/07/18 11:30	13.4	1.8673	2.05
2024/07/18 11:45	13.4	1.9831	2.17
2024/07/18 12:00	13.4	1.9831	2.17
2024/07/18 12:15	13.44	2.0900	2.28
2024/07/18 12:30	13.45	2.0916	2.28
2024/07/18 12:45	13.5	2.1484	2.34
2024/07/18 13:00	13.5	2.0997	2.28
2024/07/18 13:15	13.61	2.1428	2.31
2024/07/18 13:30	13.61	2.1428	2.31
2024/07/18 13:45	13.5	2.1484	2.34
2024/07/18 14:00	13.49	2.2126	2.41
2024/07/18 14:15	13.49	2.2126	2.41
2024/07/18 14:30	13.48	2.2574	2.46
2024/07/18 14:45	13.48	2.2574	2.46
2024/07/18 15:00	13.48	2.2574	2.46
2024/07/18 15:15	13.39	2.1736	2.39
2024/07/18 15:30	13.37	2.1489	2.36
2024/07/18 15:45	13.37	1.9778	2.17
2024/07/18 16:00	13.37	1.9778	2.17
2024/07/18 16:15	13.35	1.9745	2.17
2024/07/18 16:30	13.29	1.9316	2.14
2024/07/18 16:45	13.24	1.9574	2.17
2024/07/18 17:00	13.29	2.0907	2.31
2024/07/18 17:15	13.35	2.1012	2.31
2024/07/18 17:30	13.35	2.1099	2.32
2024/07/18 17:45	13.57	2.1374	2.31
2024/07/18 18:00	13.6	2.1512	2.32
2024/07/18 18:15	13.6	2.1512	2.32
2024/07/18 18:30	13.78	2.2256	2.37
2024/07/18 18:45	13.78	2.1696	2.31
2024/07/18 19:00	13.78	2.2139	2.36
2024/07/18 19:15	13.78	2.2139	2.36
2024/07/18 19:30	13.89	2.2331	2.36
2024/07/18 19:45	13.89	2.2331	2.36
2024/07/18 20:00	13.94	2.2655	2.39
2024/07/18 20:15	14	2.2492	2.36
2024/07/18 20:30	14	2.2492	2.36
2024/07/18 20:45	14	2.2749	2.39
2024/07/18 21:00	14	2.2749	2.39

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/18 21:15	14.08	2.3196	2.42
2024/07/18 21:30	14.35	2.3306	2.39
2024/07/18 21:45	14.46	2.3803	2.42
2024/07/18 22:00	14.49	2.3850	2.42
2024/07/18 22:15	14.49	2.4083	2.44
2024/07/18 22:30	14.49	2.3850	2.42
2024/07/18 22:45	14.49	2.3850	2.42
2024/07/18 23:00	14.43	2.2687	2.31
2024/07/18 23:15	14.38	2.2612	2.31
2024/07/18 23:30	14.09	2.0808	2.17
2024/07/18 23:45	13.49	1.9912	2.17
2024/07/19 00:00	13.27	1.9508	2.16
2024/07/19 00:15	12.89	1.8678	2.13
2024/07/19 00:30	12.68	1.7881	2.08
2024/07/19 00:45	12.04	1.6630	2.05
2024/07/19 01:00	11.59	1.5337	1.97
2024/07/19 01:15	11.09	1.4562	1.97
2024/07/19 01:30	11.02	1.3818	1.88
2024/07/19 01:45	10.74	1.3275	1.87
2024/07/19 02:00	10.51	1.2023	1.74
2024/07/19 02:15	10.32	1.1284	1.67
2024/07/19 02:30	10.01	0.8082	1.24
2024/07/19 02:45	9.78	0.7833	1.24
2024/07/19 03:00	9.69	0.7159	1.14
2024/07/19 03:15	9.58	0.6358	1.03
2024/07/19 03:30	9.57	0.6350	1.03
2024/07/19 03:45	9.56	0.6199	1.01
2024/07/19 04:00	9.56	0.6343	1.03
2024/07/19 04:15	9.52	0.6310	1.03
2024/07/19 04:30	9.52	0.5957	0.97
2024/07/19 04:45	9.56	0.5842	0.95
2024/07/19 05:00	9.59	0.6012	0.97
2024/07/19 05:15	9.61	0.6028	0.97
2024/07/19 05:30	9.63	0.6606	1.06
2024/07/19 05:45	9.89	0.8101	1.26
2024/07/19 06:00	10.3	0.8965	1.33
2024/07/19 06:15	10.37	1.1164	1.64
2024/07/19 06:30	10.98	1.2676	1.74
2024/07/19 06:45	11.32	1.3142	1.74
2024/07/19 07:00	11.59	1.2750	1.64
2024/07/19 07:15	12.04	1.4096	1.74
2024/07/19 07:30	12.35	1.4505	1.74

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/19 07:45	12.79	1.6657	1.92
2024/07/19 08:00	12.84	1.7055	1.96
2024/07/19 08:15	12.89	1.8000	2.06
2024/07/19 08:30	13.31	1.9111	2.11
2024/07/19 08:45	13.36	2.0149	2.22
2024/07/19 09:00	13.43	2.0278	2.22
2024/07/19 09:15	13.66	2.0758	2.23
2024/07/19 09:30	13.73	2.1612	2.31
2024/07/19 09:45	13.73	2.2087	2.36
2024/07/19 10:00	13.73	2.2935	2.45
2024/07/19 10:15	13.87	2.3172	2.45
2024/07/19 10:30	13.84	2.3119	2.45
2024/07/19 10:45	13.84	2.2894	2.43
2024/07/19 11:00	13.84	2.2894	2.43
2024/07/19 11:15	13.84	2.2894	2.43
2024/07/19 11:30	13.84	2.2894	2.43
2024/07/19 11:45	13.84	2.2894	2.43
2024/07/19 12:00	13.84	2.3592	2.5
2024/07/19 12:15	13.84	2.3592	2.5
2024/07/19 12:30	13.84	2.3621	2.51
2024/07/19 12:45	13.97	2.3843	2.51
2024/07/19 13:00	13.84	2.3592	2.5
2024/07/19 13:15	13.84	2.3153	2.46
2024/07/19 13:30	13.84	2.2952	2.44
2024/07/19 13:45	13.94	2.1691	2.29
2024/07/19 14:00	13.94	2.3116	2.44
2024/07/19 14:15	13.79	2.1472	2.29
2024/07/19 14:30	13.66	2.1115	2.27
2024/07/19 14:45	13.66	2.0933	2.25
2024/07/19 15:00	13.66	2.0801	2.24
2024/07/19 15:15	13.54	2.0440	2.22
2024/07/19 15:30	13.52	2.0409	2.22
2024/07/19 15:45	13.5	2.0378	2.22
2024/07/19 16:00	13.52	2.0409	2.22
2024/07/19 16:15	13.52	2.0457	2.22
2024/07/19 16:30	13.52	2.0737	2.25
2024/07/19 16:45	13.56	2.0975	2.27
2024/07/19 17:00	13.56	2.0975	2.27
2024/07/19 17:15	13.56	2.1088	2.28
2024/07/19 17:30	13.56	2.1249	2.3
2024/07/19 17:45	13.56	2.1088	2.28
2024/07/19 18:00	13.54	2.1217	2.3

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/19 18:15	13.54	2.1217	2.3
2024/07/19 18:30	13.54	2.1217	2.3
2024/07/19 18:45	13.59	2.1295	2.3
2024/07/19 19:00	13.79	2.1617	2.3
2024/07/19 19:15	13.79	2.1770	2.32
2024/07/19 19:30	13.59	2.1446	2.32
2024/07/19 19:45	13.59	2.1446	2.32
2024/07/19 20:00	13.59	2.1208	2.29
2024/07/19 20:15	13.59	2.1208	2.29
2024/07/19 20:30	13.57	2.0608	2.23
2024/07/19 20:45	13.57	2.1414	2.32
2024/07/19 21:00	13.57	2.0618	2.23
2024/07/19 21:15	13.72	2.0851	2.23
2024/07/19 21:30	13.83	2.1021	2.23
2024/07/19 21:45	13.89	2.2570	2.39
2024/07/19 22:00	13.88	2.1097	2.23
2024/07/19 22:15	13.88	2.1097	2.23
2024/07/19 22:30	13.88	2.1097	2.23
2024/07/19 22:45	13.88	2.1418	2.27
2024/07/19 23:00	13.66	2.1074	2.27
2024/07/19 23:15	13.61	2.0458	2.21
2024/07/19 23:30	13.57	2.0396	2.21
2024/07/19 23:45	13.38	2.0100	2.21
2024/07/20 00:00	13.3	1.9974	2.21
2024/07/20 00:15	13.12	1.7453	1.96
2024/07/20 00:30	12.39	1.6412	1.96
2024/07/20 00:45	12.32	1.5896	1.91
2024/07/20 01:00	11.77	1.5484	1.96
2024/07/20 01:15	11.64	1.4903	1.91
2024/07/20 01:30	11.02	1.3012	1.77
2024/07/20 01:45	10.88	1.2815	1.77
2024/07/20 02:00	10.63	1.1980	1.71
2024/07/20 02:15	10.47	0.8994	1.3
2024/07/20 02:30	10.04	0.8219	1.25
2024/07/20 02:45	9.91	0.8087	1.25
2024/07/20 03:00	9.83	0.6953	1.09
2024/07/20 03:15	9.78	0.6485	1.02
2024/07/20 03:30	9.68	0.6404	1.02
2024/07/20 03:45	9.65	0.6379	1.02
2024/07/20 04:00	9.6	0.6068	0.98
2024/07/20 04:15	9.52	0.6005	0.98
2024/07/20 04:30	9.51	0.5846	0.96

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/20 04:45	9.48	0.5765	0.95
2024/07/20 05:00	9.47	0.5817	0.96
2024/07/20 05:15	9.47	0.5759	0.95
2024/07/20 05:30	9.43	0.5724	0.95
2024/07/20 05:45	9.47	0.5759	0.95
2024/07/20 06:00	9.47	0.5759	0.95
2024/07/20 06:15	9.5	0.6716	1.1
2024/07/20 06:30	9.92	0.8007	1.24
2024/07/20 06:45	9.99	0.8332	1.28
2024/07/20 07:00	10.51	1.0502	1.52
2024/07/20 07:15	10.55	1.1301	1.62
2024/07/20 07:30	10.9	1.2699	1.76
2024/07/20 07:45	11.46	1.3995	1.82
2024/07/20 08:00	11.73	1.4556	1.85
2024/07/20 08:15	12	1.4992	1.85
2024/07/20 08:30	12.29	1.6315	1.96
2024/07/20 08:45	12.96	1.7294	1.96
2024/07/20 09:00	13.03	1.7979	2.03
2024/07/20 09:15	13.24	1.9324	2.15
2024/07/20 09:30	13.54	2.0338	2.21
2024/07/20 09:45	13.6	2.0444	2.21
2024/07/20 10:00	13.62	2.1243	2.29
2024/07/20 10:15	13.64	2.1630	2.33
2024/07/20 10:30	14.05	2.2268	2.33
2024/07/20 10:45	14.06	2.2428	2.34
2024/07/20 11:00	14.09	2.2331	2.33
2024/07/20 11:15	14.26	2.2738	2.34
2024/07/20 11:30	14.44	2.3077	2.35
2024/07/20 11:45	14.44	2.4414	2.49
2024/07/20 12:00	14.44	2.4414	2.49
2024/07/20 12:15	14.5	2.5050	2.54
2024/07/20 12:30	14.43	2.4396	2.49
2024/07/20 12:45	14.5	2.5255	2.56
2024/07/20 13:00	14.43	2.4396	2.49
2024/07/20 13:15	14.39	2.3569	2.41
2024/07/20 13:30	14.39	2.3569	2.41
2024/07/20 13:45	14.35	2.3267	2.38
2024/07/20 14:00	14.32	2.3218	2.38
2024/07/20 14:15	14.31	2.4066	2.47
2024/07/20 14:30	14.25	2.3018	2.37
2024/07/20 14:45	14.21	2.3900	2.47
2024/07/20 15:00	14.19	2.3867	2.47

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/20 15:15	14.07	2.3704	2.47
2024/07/20 15:30	13.94	2.3777	2.5
2024/07/20 15:45	13.91	2.3436	2.47
2024/07/20 16:00	13.91	2.2243	2.35
2024/07/20 16:15	13.9	2.1133	2.23
2024/07/20 16:30	13.88	2.1032	2.23
2024/07/20 16:45	13.85	2.1055	2.23
2024/07/20 17:00	13.67	2.0777	2.23
2024/07/20 17:15	13.67	2.0708	2.23
2024/07/20 17:30	13.67	2.0777	2.23
2024/07/20 17:45	13.6	2.1003	2.27
2024/07/20 18:00	13.46	2.0777	2.27
2024/07/20 18:15	13.4	2.0681	2.27
2024/07/20 18:30	13.4	2.0247	2.22
2024/07/20 18:45	13.26	2.0026	2.22
2024/07/20 19:00	13.25	1.9935	2.21
2024/07/20 19:15	13.2	1.9837	2.21
2024/07/20 19:30	13.01	1.9395	2.19
2024/07/20 19:45	12.98	1.9332	2.19
2024/07/20 20:00	12.98	1.9332	2.19
2024/07/20 20:15	12.95	1.8749	2.13
2024/07/20 20:30	12.95	1.8749	2.13
2024/07/20 20:45	12.95	1.7823	2.03
2024/07/20 21:00	13.11	1.7587	1.97
2024/07/20 21:15	13.26	1.7800	1.97
2024/07/20 21:30	13.26	1.7800	1.97
2024/07/20 21:45	13.28	1.7818	1.97
2024/07/20 22:00	13.28	1.7828	1.97
2024/07/20 22:15	13.28	1.7828	1.97
2024/07/20 22:30	13.11	1.7611	1.98
2024/07/20 22:45	13.08	1.9177	2.16
2024/07/20 23:00	12.89	1.8880	2.16
2024/07/20 23:15	12.84	1.8801	2.16
2024/07/20 23:30	12.79	1.8721	2.16
2024/07/20 23:45	12.72	1.8026	2.09
2024/07/21 00:00	12.58	1.6855	1.98
2024/07/21 00:15	12.24	1.7171	2.08
2024/07/21 00:30	12.08	1.5700	1.93
2024/07/21 00:45	11.85	1.5360	1.93
2024/07/21 01:00	11.48	1.4403	1.87
2024/07/21 01:15	11.4	1.4286	1.87
2024/07/21 01:30	11.2	1.4224	1.9

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/21 01:45	11.02	1.3739	1.87
2024/07/21 02:00	10.61	1.3129	1.87
2024/07/21 02:15	10.44	1.2702	1.85
2024/07/21 02:30	10.43	1.2041	1.75
2024/07/21 02:45	10.04	0.9509	1.45
2024/07/21 03:00	9.92	0.8339	1.29
2024/07/21 03:15	9.75	0.7833	1.24
2024/07/21 03:30	9.75	0.7833	1.24
2024/07/21 03:45	9.73	0.7936	1.26
2024/07/21 04:00	9.64	0.7723	1.24
2024/07/21 04:15	9.49	0.6773	1.11
2024/07/21 04:30	9.46	0.6747	1.11
2024/07/21 04:45	9.46	0.6738	1.11
2024/07/21 05:00	9.45	0.6439	1.06
2024/07/21 05:15	9.43	0.6078	1
2024/07/21 05:30	9.42	0.5720	0.95
2024/07/21 05:45	9.38	0.6037	1
2024/07/21 06:00	9.42	0.6069	1
2024/07/21 06:15	9.43	0.6221	1.03
2024/07/21 06:30	9.43	0.6422	1.06
2024/07/21 06:45	9.77	0.7576	1.2
2024/07/21 07:00	9.88	0.8042	1.25
2024/07/21 07:15	10.37	1.0777	1.58
2024/07/21 07:30	10.47	1.1059	1.61
2024/07/21 07:45	10.92	1.2713	1.75
2024/07/21 08:00	11.27	1.3322	1.77
2024/07/21 08:15	11.34	1.3420	1.77
2024/07/21 08:30	11.61	1.3874	1.78
2024/07/21 08:45	11.82	1.4652	1.84
2024/07/21 09:00	12.44	1.5509	1.84
2024/07/21 09:15	12.53	1.6660	1.96
2024/07/21 09:30	12.77	1.7341	2
2024/07/21 09:45	13.13	1.8875	2.11
2024/07/21 10:00	13.49	2.1194	2.31
2024/07/21 10:15	13.54	2.1275	2.31
2024/07/21 10:30	14.08	2.2968	2.4
2024/07/21 10:45	14.1	2.3000	2.4
2024/07/21 11:00	14.16	2.3097	2.4
2024/07/21 11:15	14.16	2.3097	2.4
2024/07/21 11:30	14.18	2.3824	2.47
2024/07/21 11:45	14.18	2.3580	2.44
2024/07/21 12:00	14.18	2.2814	2.36

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/21 12:15	14.24	2.2352	2.31
2024/07/21 12:30	14.27	2.2349	2.3
2024/07/21 12:45	14.28	2.2364	2.3
2024/07/21 13:00	14.42	2.2943	2.34
2024/07/21 13:15	14.42	2.2943	2.34
2024/07/21 13:30	14.28	2.2728	2.34
2024/07/21 13:45	14.42	2.3811	2.43
2024/07/21 14:00	14.42	2.4237	2.47
2024/07/21 14:15	14.27	2.4008	2.47
2024/07/21 14:30	14.14	2.3795	2.47
2024/07/21 14:45	14.05	2.3296	2.44
2024/07/21 15:00	13.96	2.3082	2.43
2024/07/21 15:15	13.86	2.1907	2.32
2024/07/21 15:30	13.82	2.1843	2.32
2024/07/21 15:45	13.44	2.0989	2.3
2024/07/21 16:00	13.43	2.0973	2.3
2024/07/21 16:15	13.43	2.0964	2.29
2024/07/21 16:30	13.4	1.9382	2.13
2024/07/21 16:45	13.4	2.0915	2.29
2024/07/21 17:00	13.38	1.9352	2.13
2024/07/21 17:15	13.23	1.8885	2.1
2024/07/21 17:30	13.19	1.8822	2.1
2024/07/21 17:45	13.02	1.8563	2.1
2024/07/21 18:00	13.02	1.8011	2.04
2024/07/21 18:15	13.02	1.8438	2.08
2024/07/21 18:30	13.02	1.7766	2.01
2024/07/21 18:45	13.02	1.7766	2.01
2024/07/21 19:00	13.03	1.8012	2.04
2024/07/21 19:15	13.07	1.8072	2.04
2024/07/21 19:30	13.21	1.8277	2.04
2024/07/21 19:45	13.23	1.8755	2.08
2024/07/21 20:00	13.23	1.9124	2.13
2024/07/21 20:15	13.33	2.0202	2.23
2024/07/21 20:30	13.33	2.0202	2.23
2024/07/21 20:45	13.37	2.0701	2.28
2024/07/21 21:00	13.53	2.1799	2.37
2024/07/21 21:15	13.66	2.2643	2.43
2024/07/21 21:30	13.73	2.2950	2.46
2024/07/21 21:45	13.73	2.3340	2.5
2024/07/21 22:00	13.99	2.3784	2.5
2024/07/21 22:15	13.99	2.3388	2.46
2024/07/21 22:30	13.99	2.3388	2.46

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/21 22:45	13.99	2.3388	2.46
2024/07/21 23:00	13.93	2.3005	2.43
2024/07/21 23:15	13.61	2.1243	2.29
2024/07/21 23:30	13.47	2.0972	2.29
2024/07/21 23:45	13.05	1.8081	2.04
2024/07/22 00:00	12.86	1.7431	2
2024/07/22 00:15	12.54	1.6736	1.97
2024/07/22 00:30	12.01	1.5945	1.97
2024/07/22 00:45	11.73	1.5519	1.97
2024/07/22 01:00	11.43	1.4464	1.89
2024/07/22 01:15	11.18	1.4082	1.89
2024/07/22 01:30	10.93	1.2890	1.78
2024/07/22 01:45	10.68	1.2528	1.77
2024/07/22 02:00	10.33	1.0525	1.55
2024/07/22 02:15	10.17	1.0206	1.53
2024/07/22 02:30	10.05	1.0032	1.53
2024/07/22 02:45	9.74	0.7848	1.24
2024/07/22 03:00	9.54	0.6823	1.11
2024/07/22 03:15	9.47	0.6164	1.01
2024/07/22 03:30	9.45	0.6044	0.99
2024/07/22 03:45	9.39	0.5982	0.99
2024/07/22 04:00	9.38	0.5974	0.99
2024/07/22 04:15	9.38	0.5974	0.99
2024/07/22 04:30	9.37	0.5960	0.99
2024/07/22 04:45	9.37	0.5960	0.99
2024/07/22 05:00	9.38	0.6332	1.05
2024/07/22 05:15	9.44	0.6432	1.06
2024/07/22 05:30	9.64	0.7286	1.17
2024/07/22 05:45	9.79	0.8092	1.27
2024/07/22 06:00	10.02	0.8361	1.28
2024/07/22 06:15	10.04	0.8813	1.35
2024/07/22 06:30	10.34	1.0676	1.57
2024/07/22 06:45	10.82	1.3477	1.88
2024/07/22 07:00	11.54	1.4910	1.93
2024/07/22 07:15	11.58	1.5357	1.98
2024/07/22 07:30	12.02	1.6035	1.98
2024/07/22 07:45	12.54	1.7734	2.09
2024/07/22 08:00	12.81	1.8811	2.16
2024/07/22 08:15	12.82	1.8915	2.17
2024/07/22 08:30	12.84	1.9279	2.21
2024/07/22 08:45	12.87	1.9793	2.27
2024/07/22 09:00	12.89	1.9361	2.21

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/22 09:15	13	1.9538	2.21
2024/07/22 09:30	13.01	1.9552	2.21
2024/07/22 09:45	13	1.9201	2.17
2024/07/22 10:00	13.01	1.9058	2.16
2024/07/22 10:15	13.04	1.9105	2.16
2024/07/22 10:30	13.31	1.9089	2.11
2024/07/22 10:45	13.38	1.9632	2.16
2024/07/22 11:00	13.38	1.9857	2.18
2024/07/22 11:15	13.39	1.9873	2.18
2024/07/22 11:30	13.39	2.0353	2.23
2024/07/22 11:45	13.58	2.0700	2.24
2024/07/22 12:00	13.64	2.0791	2.24
2024/07/22 12:15	13.75	2.1887	2.34
2024/07/22 12:30	13.79	2.1952	2.34
2024/07/22 12:45	13.79	2.1952	2.34
2024/07/22 13:00	13.79	2.1952	2.34
2024/07/22 13:15	13.82	2.2053	2.34
2024/07/22 13:30	13.82	2.2628	2.4
2024/07/22 13:45	13.82	2.2993	2.44
2024/07/22 14:00	13.73	2.3003	2.46
2024/07/22 14:15	13.69	2.2997	2.47
2024/07/22 14:30	13.69	2.2997	2.47
2024/07/22 14:45	13.69	2.2997	2.47
2024/07/22 15:00	13.69	2.2771	2.44
2024/07/22 15:15	13.65	2.0759	2.23
2024/07/22 15:30	13.63	2.0648	2.23
2024/07/22 15:45	13.63	2.0648	2.23
2024/07/22 16:00	13.63	2.0648	2.23
2024/07/22 16:15	13.59	2.0586	2.23
2024/07/22 16:30	13.59	2.0858	2.26
2024/07/22 16:45	13.59	2.1952	2.37
2024/07/22 17:00	13.52	2.1835	2.37
2024/07/22 17:15	13.51	2.1955	2.39
2024/07/22 17:30	13.51	2.1818	2.37
2024/07/22 17:45	13.51	2.1605	2.35
2024/07/22 18:00	13.5	2.0770	2.26
2024/07/22 18:15	13.5	2.0915	2.28
2024/07/22 18:30	13.53	2.0818	2.26
2024/07/22 18:45	13.64	2.0990	2.26
2024/07/22 19:00	13.65	2.1006	2.26
2024/07/22 19:15	13.65	2.0379	2.19
2024/07/22 19:30	13.72	2.0488	2.19

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/22 19:45	13.86	2.1484	2.28
2024/07/22 20:00	13.94	2.2011	2.32
2024/07/22 20:15	14.03	2.2791	2.39
2024/07/22 20:30	14.04	2.3061	2.41
2024/07/22 20:45	14.23	2.3367	2.41
2024/07/22 21:00	14.26	2.3415	2.41
2024/07/22 21:15	14.28	2.4193	2.49
2024/07/22 21:30	14.41	2.4601	2.51
2024/07/22 21:45	14.74	2.5261	2.52
2024/07/22 22:00	14.74	2.5129	2.51
2024/07/22 22:15	14.74	2.5129	2.51
2024/07/22 22:30	14.74	2.5129	2.51
2024/07/22 22:45	14.45	2.4666	2.51
2024/07/22 23:00	14.27	2.3914	2.46
2024/07/22 23:15	14.26	2.2902	2.36
2024/07/22 23:30	14	2.1980	2.31
2024/07/22 23:45	13.59	2.0325	2.2
2024/07/23 00:00	13.09	1.8730	2.1
2024/07/23 00:15	12.74	1.7951	2.08
2024/07/23 00:30	12.19	1.6339	1.99
2024/07/23 00:45	11.77	1.5365	1.94
2024/07/23 01:00	11.52	1.4216	1.84
2024/07/23 01:15	11.05	1.3106	1.78
2024/07/23 01:30	10.61	1.2493	1.78
2024/07/23 01:45	10.33	1.2092	1.78
2024/07/23 02:00	10.19	1.1860	1.78
2024/07/23 02:15	10.16	1.1527	1.73
2024/07/23 02:30	10.07	1.0718	1.63
2024/07/23 02:45	9.87	1.0264	1.6
2024/07/23 03:00	9.73	0.9278	1.47
2024/07/23 03:15	9.62	0.7806	1.26
2024/07/23 03:30	9.51	0.7055	1.15
2024/07/23 03:45	9.5	0.6980	1.14
2024/07/23 04:00	9.45	0.6936	1.14
2024/07/23 04:15	9.45	0.6936	1.14
2024/07/23 04:30	9.45	0.6936	1.14
2024/07/23 04:45	9.45	0.7292	1.2
2024/07/23 05:00	9.52	0.7474	1.22
2024/07/23 05:15	9.57	0.7555	1.22
2024/07/23 05:30	9.67	0.7917	1.27
2024/07/23 05:45	9.72	0.8720	1.39
2024/07/23 06:00	9.94	0.9296	1.44

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/23 06:15	10.06	1.0666	1.62
2024/07/23 06:30	10.36	1.2381	1.82
2024/07/23 06:45	10.82	1.3445	1.87
2024/07/23 07:00	11.41	1.4304	1.87
2024/07/23 07:15	11.65	1.4806	1.89
2024/07/23 07:30	12.24	1.5948	1.93
2024/07/23 07:45	12.31	1.7248	2.07
2024/07/23 08:00	12.53	1.7591	2.07
2024/07/23 08:15	12.67	1.6379	1.91
2024/07/23 08:30	12.88	1.6661	1.91
2024/07/23 08:45	12.97	1.8427	2.09
2024/07/23 09:00	12.99	1.8498	2.1
2024/07/23 09:15	13.12	1.8696	2.1
2024/07/23 09:30	13.33	1.9322	2.13
2024/07/23 09:45	13.33	2.0236	2.23
2024/07/23 10:00	13.33	2.0236	2.23
2024/07/23 10:15	13.38	2.0315	2.23
2024/07/23 10:30	13.64	2.2179	2.39
2024/07/23 10:45	13.35	2.1688	2.39
2024/07/23 11:00	13.35	2.2278	2.45
2024/07/23 11:15	13.39	2.2347	2.45
2024/07/23 11:30	13.64	2.2147	2.39
2024/07/23 11:45	13.78	2.2376	2.39
2024/07/23 12:00	13.78	2.2376	2.39
2024/07/23 12:15	13.78	2.2228	2.37
2024/07/23 12:30	13.78	2.2228	2.37
2024/07/23 12:45	13.78	2.1582	2.3
2024/07/23 13:00	13.7	2.1455	2.3
2024/07/23 13:15	13.7	2.2001	2.36
2024/07/23 13:30	13.63	2.1982	2.37
2024/07/23 13:45	13.7	2.2938	2.46
2024/07/23 14:00	13.63	2.2818	2.46
2024/07/23 14:15	13.62	2.1870	2.36
2024/07/23 14:30	13.54	2.1737	2.36
2024/07/23 14:45	13.49	2.1952	2.39
2024/07/23 15:00	13.47	2.0288	2.21
2024/07/23 15:15	13.47	2.0288	2.21
2024/07/23 15:30	13.47	2.0288	2.21
2024/07/23 15:45	13.41	2.0194	2.21
2024/07/23 16:00	13.41	2.0194	2.21
2024/07/23 16:15	13.49	2.0320	2.21
2024/07/23 16:30	13.48	1.9943	2.17

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/23 16:45	13.48	1.9828	2.16
2024/07/23 17:00	13.46	1.9798	2.16
2024/07/23 17:15	13.41	1.8721	2.05
2024/07/23 17:30	13.46	1.8791	2.05
2024/07/23 17:45	13.48	1.9828	2.16
2024/07/23 18:00	13.48	2.0010	2.18
2024/07/23 18:15	13.48	2.0272	2.21
2024/07/23 18:30	13.52	2.0334	2.21
2024/07/23 18:45	13.72	2.1770	2.33
2024/07/23 19:00	13.74	2.2051	2.36
2024/07/23 19:15	13.74	2.2051	2.36
2024/07/23 19:30	13.75	2.2222	2.37
2024/07/23 19:45	13.83	2.2353	2.37
2024/07/23 20:00	13.88	2.2434	2.37
2024/07/23 20:15	13.89	2.2944	2.43
2024/07/23 20:30	13.96	2.3059	2.43
2024/07/23 20:45	13.98	2.3092	2.43
2024/07/23 21:00	13.98	2.3309	2.45
2024/07/23 21:15	14.28	2.3801	2.45
2024/07/23 21:30	14.61	2.4324	2.45
2024/07/23 21:45	14.63	2.3296	2.34
2024/07/23 22:00	14.63	2.3044	2.32
2024/07/23 22:15	14.63	2.2700	2.28
2024/07/23 22:30	14.61	2.2671	2.28
2024/07/23 22:45	14.37	2.2264	2.28
2024/07/23 23:00	14.25	2.2042	2.27
2024/07/23 23:15	14.03	2.1708	2.27
2024/07/23 23:30	13.86	2.1445	2.27
2024/07/23 23:45	13.51	2.0446	2.22
2024/07/24 00:00	13.15	1.8709	2.09
2024/07/24 00:15	12.94	1.8310	2.08
2024/07/24 00:30	12.34	1.7314	2.08
2024/07/24 00:45	11.77	1.4856	1.88
2024/07/24 01:00	11.39	1.4276	1.87
2024/07/24 01:15	11.16	1.3292	1.79
2024/07/24 01:30	10.78	1.2686	1.78
2024/07/24 01:45	10.61	1.0762	1.54
2024/07/24 02:00	10.23	0.9701	1.45
2024/07/24 02:15	10.12	0.9549	1.44
2024/07/24 02:30	9.99	0.9297	1.43
2024/07/24 02:45	9.79	0.7225	1.14
2024/07/24 03:00	9.66	0.6823	1.09

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/24 03:15	9.54	0.6131	1
2024/07/24 03:30	9.43	0.5783	0.95
2024/07/24 03:45	9.43	0.5781	0.95
2024/07/24 04:00	9.43	0.5589	0.92
2024/07/24 04:15	9.43	0.5690	0.94
2024/07/24 04:30	9.43	0.5783	0.95
2024/07/24 04:45	9.55	0.5783	0.94
2024/07/24 05:00	9.57	0.5799	0.94
2024/07/24 05:15	9.69	0.6769	1.08
2024/07/24 05:30	9.7	0.6777	1.08
2024/07/24 05:45	9.96	0.8260	1.27
2024/07/24 06:00	10.25	0.8644	1.29
2024/07/24 06:15	10.36	0.9901	1.46
2024/07/24 06:30	10.76	1.1612	1.63
2024/07/24 06:45	11.53	1.4499	1.88
2024/07/24 07:00	11.76	1.5616	1.98
2024/07/24 07:15	11.91	1.5845	1.98
2024/07/24 07:30	12.14	1.6213	1.98
2024/07/24 07:45	12.45	1.6654	1.98
2024/07/24 08:00	12.64	1.7783	2.07
2024/07/24 08:15	12.85	1.8543	2.12
2024/07/24 08:30	13.01	1.9171	2.17
2024/07/24 08:45	13.01	1.9171	2.17
2024/07/24 09:00	13.11	1.9605	2.2
2024/07/24 09:15	13.26	1.9563	2.17
2024/07/24 09:30	13.26	1.9829	2.2
2024/07/24 09:45	13.36	2.0416	2.25
2024/07/24 10:00	13.42	2.0716	2.27
2024/07/24 10:15	13.42	2.0078	2.2
2024/07/24 10:30	13.42	2.0716	2.27
2024/07/24 10:45	13.42	2.0716	2.27
2024/07/24 11:00	13.53	2.1251	2.31
2024/07/24 11:15	13.55	2.1283	2.31
2024/07/24 11:30	13.55	2.1283	2.31
2024/07/24 11:45	13.58	2.1329	2.31
2024/07/24 12:00	13.62	2.1485	2.32
2024/07/24 12:15	13.62	2.1485	2.32
2024/07/24 12:30	13.66	2.1561	2.32
2024/07/24 12:45	13.66	2.2758	2.45
2024/07/24 13:00	13.66	2.2758	2.45
2024/07/24 13:15	13.66	2.2758	2.45
2024/07/24 13:30	13.62	2.2690	2.45

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/24 13:45	13.52	2.1497	2.34
2024/07/24 14:00	13.56	2.2487	2.44
2024/07/24 14:15	13.48	2.1431	2.34
2024/07/24 14:30	13.39	2.0335	2.23
2024/07/24 14:45	13.39	2.0026	2.2
2024/07/24 15:00	13.39	2.0026	2.2
2024/07/24 15:15	13.31	1.9901	2.2
2024/07/24 15:30	13.3	1.8800	2.08
2024/07/24 15:45	13.25	1.8723	2.08
2024/07/24 16:00	13.25	1.8723	2.08
2024/07/24 16:15	13.25	1.8723	2.08
2024/07/24 16:30	13.25	1.8723	2.08
2024/07/24 16:45	13.25	1.9776	2.19
2024/07/24 17:00	13.46	2.0102	2.19
2024/07/24 17:15	13.47	2.0118	2.19
2024/07/24 17:30	13.47	1.9489	2.13
2024/07/24 17:45	13.48	2.1125	2.3
2024/07/24 18:00	13.48	2.1005	2.29
2024/07/24 18:15	13.48	2.1125	2.3
2024/07/24 18:30	13.71	2.1495	2.3
2024/07/24 18:45	13.71	2.1495	2.3
2024/07/24 19:00	13.71	2.1495	2.3
2024/07/24 19:15	13.71	2.1898	2.35
2024/07/24 19:30	13.71	2.2006	2.36
2024/07/24 19:45	13.71	2.2205	2.38
2024/07/24 20:00	13.71	2.2006	2.36
2024/07/24 20:15	13.75	2.2165	2.37
2024/07/24 20:30	13.8	2.2353	2.38
2024/07/24 20:45	13.87	2.2501	2.38
2024/07/24 21:00	13.9	2.2655	2.39
2024/07/24 21:15	13.99	2.2696	2.38
2024/07/24 21:30	14.2	2.3032	2.38
2024/07/24 21:45	14.32	2.3329	2.39
2024/07/24 22:00	14.32	2.3329	2.39
2024/07/24 22:15	14.4	2.3346	2.38
2024/07/24 22:30	14.4	2.3575	2.41
2024/07/24 22:45	14.4	2.3575	2.41
2024/07/24 23:00	14.22	2.3711	2.45
2024/07/24 23:15	14.15	2.3597	2.45
2024/07/24 23:30	14	2.2446	2.36
2024/07/24 23:45	13.5	2.1576	2.35
2024/07/25 00:00	13.1	1.9880	2.23

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/25 00:15	12.78	1.8450	2.13
2024/07/25 00:30	12.17	1.6886	2.05
2024/07/25 00:45	11.9	1.5903	1.98
2024/07/25 01:00	11.54	1.5083	1.95
2024/07/25 01:15	10.93	1.3507	1.86
2024/07/25 01:30	10.72	1.3178	1.86
2024/07/25 01:45	10.63	1.3045	1.86
2024/07/25 02:00	10.33	1.0461	1.54
2024/07/25 02:15	10.1	0.9263	1.4
2024/07/25 02:30	10.04	0.8082	1.23
2024/07/25 02:45	9.89	0.7794	1.21
2024/07/25 03:00	9.6	0.6272	1.01
2024/07/25 03:15	9.58	0.5803	0.94
2024/07/25 03:30	9.58	0.5803	0.94
2024/07/25 03:45	9.52	0.5757	0.94
2024/07/25 04:00	9.52	0.5950	0.97
2024/07/25 04:15	9.52	0.6003	0.98
2024/07/25 04:30	9.52	0.6002	0.98
2024/07/25 04:45	9.52	0.6002	0.98
2024/07/25 05:00	9.52	0.6005	0.98
2024/07/25 05:15	9.57	0.6399	1.04
2024/07/25 05:30	9.69	0.6656	1.06
2024/07/25 05:45	9.81	0.8183	1.29
2024/07/25 06:00	10.14	0.8893	1.34
2024/07/25 06:15	10.28	1.0530	1.56
2024/07/25 06:30	10.75	1.1621	1.63
2024/07/25 06:45	10.92	1.2089	1.67
2024/07/25 07:00	11.63	1.3440	1.72
2024/07/25 07:15	11.84	1.4434	1.81
2024/07/25 07:30	12.28	1.5567	1.88
2024/07/25 07:45	12.49	1.5864	1.88
2024/07/25 08:00	12.81	1.6311	1.88
2024/07/25 08:15	12.83	1.7266	1.98
2024/07/25 08:30	12.89	1.7356	1.98
2024/07/25 08:45	12.98	1.8510	2.1
2024/07/25 09:00	13.23	1.9715	2.19
2024/07/25 09:15	13.27	1.9887	2.2
2024/07/25 09:30	13.29	2.0447	2.26
2024/07/25 09:45	13.29	2.0447	2.26
2024/07/25 10:00	13.29	1.9919	2.2
2024/07/25 10:15	13.27	1.9934	2.21
2024/07/25 10:30	13.29	1.9966	2.21

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/25 10:45	13.29	1.9919	2.2
2024/07/25 11:00	13.3	1.9995	2.21
2024/07/25 11:15	13.49	2.0288	2.21
2024/07/25 11:30	13.49	2.0288	2.21
2024/07/25 11:45	13.5	2.1035	2.29
2024/07/25 12:00	13.5	2.1673	2.36
2024/07/25 12:15	13.5	2.1035	2.29
2024/07/25 12:30	13.49	2.1513	2.34
2024/07/25 12:45	13.42	2.1394	2.34
2024/07/25 13:00	13.37	2.0824	2.29
2024/07/25 13:15	13.32	2.0742	2.29
2024/07/25 13:30	13.32	2.1227	2.34
2024/07/25 13:45	13.37	2.1311	2.34
2024/07/25 14:00	13.35	2.1280	2.34
2024/07/25 14:15	13.35	2.1213	2.34
2024/07/25 14:30	13.35	2.0780	2.29
2024/07/25 14:45	13.35	2.0644	2.27
2024/07/25 15:00	13.35	2.0644	2.27
2024/07/25 15:15	13.35	1.9972	2.2
2024/07/25 15:30	13.33	1.9940	2.2
2024/07/25 15:45	13.29	1.9875	2.2
2024/07/25 16:00	13.33	1.9404	2.14
2024/07/25 16:15	13.33	1.9940	2.2
2024/07/25 16:30	13.38	1.9010	2.09
2024/07/25 16:45	13.38	1.9445	2.14
2024/07/25 17:00	13.33	2.0006	2.21
2024/07/25 17:15	13.32	1.9419	2.14
2024/07/25 17:30	13.38	1.9511	2.14
2024/07/25 17:45	13.42	2.0145	2.21
2024/07/25 18:00	13.42	2.0145	2.21
2024/07/25 18:15	13.5	2.1428	2.33
2024/07/25 18:30	13.55	2.1630	2.34
2024/07/25 18:45	13.57	2.1663	2.34
2024/07/25 19:00	13.58	2.1679	2.34
2024/07/25 19:15	13.62	2.1745	2.34
2024/07/25 19:30	13.62	2.1625	2.33
2024/07/25 19:45	13.62	2.1055	2.27
2024/07/25 20:00	13.67	2.1135	2.27
2024/07/25 20:15	13.67	2.1135	2.27
2024/07/25 20:30	13.67	2.1135	2.27
2024/07/25 20:45	13.8	2.2747	2.42
2024/07/25 21:00	13.93	2.1541	2.27

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/25 21:15	14.03	2.3110	2.42
2024/07/25 21:30	14.07	2.3410	2.44
2024/07/25 21:45	14.11	2.3476	2.44
2024/07/25 22:00	14.29	2.3768	2.44
2024/07/25 22:15	14.29	2.4003	2.47
2024/07/25 22:30	14.29	2.3768	2.44
2024/07/25 22:45	14.29	2.3861	2.45
2024/07/25 23:00	14.01	2.3416	2.45
2024/07/25 23:15	13.79	2.2835	2.43
2024/07/25 23:30	13.61	2.2119	2.39
2024/07/25 23:45	13.42	2.1800	2.39
2024/07/26 00:00	13.29	2.0619	2.28
2024/07/26 00:15	12.66	1.9296	2.25
2024/07/26 00:30	12.23	1.8264	2.21
2024/07/26 00:45	11.93	1.6137	2.01
2024/07/26 01:00	11.79	1.5484	1.95
2024/07/26 01:15	11.07	1.3391	1.82
2024/07/26 01:30	10.8	1.2121	1.69
2024/07/26 01:45	10.72	1.0492	1.48
2024/07/26 02:00	10.52	1.0220	1.47
2024/07/26 02:15	10.2	0.9522	1.43
2024/07/26 02:30	9.9	0.9188	1.43
2024/07/26 02:45	9.86	0.9075	1.42
2024/07/26 03:00	9.7	0.7435	1.19
2024/07/26 03:15	9.67	0.7406	1.19
2024/07/26 03:30	9.51	0.6592	1.08
2024/07/26 03:45	9.51	0.6512	1.06
2024/07/26 04:00	9.49	0.6427	1.05
2024/07/26 04:15	9.42	0.6367	1.05
2024/07/26 04:30	9.42	0.6219	1.03
2024/07/26 04:45	9.42	0.5865	0.97
2024/07/26 05:00	9.42	0.5865	0.97
2024/07/26 05:15	9.52	0.5943	0.97
2024/07/26 05:30	9.62	0.7535	1.21
2024/07/26 05:45	9.84	0.8023	1.26
2024/07/26 06:00	10.07	0.9530	1.45
2024/07/26 06:15	10.25	1.0527	1.57
2024/07/26 06:30	10.51	1.0927	1.58
2024/07/26 06:45	10.77	1.2286	1.72
2024/07/26 07:00	10.95	1.3650	1.88
2024/07/26 07:15	11.96	1.5809	1.96
2024/07/26 07:30	12.2	1.6169	1.96

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/26 07:45	12.77	1.8081	2.09
2024/07/26 08:00	12.82	1.8176	2.09
2024/07/26 08:15	12.82	1.8176	2.09
2024/07/26 08:30	12.85	1.9641	2.25
2024/07/26 08:45	12.89	1.9707	2.25
2024/07/26 09:00	13.09	2.0290	2.28
2024/07/26 09:15	13.34	2.0808	2.29
2024/07/26 09:30	13.34	2.0808	2.29
2024/07/26 09:45	13.39	2.0778	2.28
2024/07/26 10:00	13.45	2.0872	2.28
2024/07/26 10:15	13.45	2.0533	2.24
2024/07/26 10:30	13.45	2.0313	2.22
2024/07/26 10:45	13.45	1.9722	2.15
2024/07/26 11:00	13.49	1.9759	2.15
2024/07/26 11:15	13.57	1.9904	2.15
2024/07/26 11:30	13.7	2.0702	2.22
2024/07/26 11:45	13.74	2.0988	2.24
2024/07/26 12:00	13.74	2.2023	2.35
2024/07/26 12:15	13.75	2.2039	2.35
2024/07/26 12:30	13.88	2.2797	2.41
2024/07/26 12:45	13.9	2.2830	2.41
2024/07/26 13:00	13.88	2.3103	2.44
2024/07/26 13:15	13.88	2.2299	2.36
2024/07/26 13:30	13.85	2.2199	2.35
2024/07/26 13:45	13.85	2.2251	2.36
2024/07/26 14:00	13.82	2.2202	2.36
2024/07/26 14:15	13.73	2.1476	2.3
2024/07/26 14:30	13.51	2.0849	2.27
2024/07/26 14:45	13.51	2.0849	2.27
2024/07/26 15:00	13.51	2.0975	2.28
2024/07/26 15:15	13.51	2.1054	2.29
2024/07/26 15:30	13.48	2.0927	2.28
2024/07/26 15:45	13.45	2.0342	2.22
2024/07/26 16:00	13.3	2.0105	2.22
2024/07/26 16:15	13.3	1.9725	2.18
2024/07/26 16:30	13.3	1.9721	2.18
2024/07/26 16:45	13.3	1.9332	2.14
2024/07/26 17:00	13.24	1.9240	2.14
2024/07/26 17:15	13.3	1.9332	2.14
2024/07/26 17:30	13.31	1.9737	2.18
2024/07/26 17:45	13.35	1.9060	2.1
2024/07/26 18:00	13.35	1.9799	2.18

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/26 18:15	13.36	2.0520	2.26
2024/07/26 18:30	13.5	2.0744	2.26
2024/07/26 18:45	13.59	1.9504	2.11
2024/07/26 19:00	13.59	2.0050	2.17
2024/07/26 19:15	13.66	2.0156	2.17
2024/07/26 19:30	13.59	2.0050	2.17
2024/07/26 19:45	13.65	2.0047	2.16
2024/07/26 20:00	13.65	2.0047	2.16
2024/07/26 20:15	13.62	2.0096	2.17
2024/07/26 20:30	13.65	2.0803	2.24
2024/07/26 20:45	13.65	2.0916	2.25
2024/07/26 21:00	13.65	2.0916	2.25
2024/07/26 21:15	13.65	2.2002	2.37
2024/07/26 21:30	13.67	2.2035	2.37
2024/07/26 21:45	13.69	2.2065	2.37
2024/07/26 22:00	13.69	2.2065	2.37
2024/07/26 22:15	13.69	2.2065	2.37
2024/07/26 22:30	13.69	2.0783	2.23
2024/07/26 22:45	13.53	2.1800	2.37
2024/07/26 23:00	13.52	2.0517	2.23
2024/07/26 23:15	13.18	2.0041	2.24
2024/07/26 23:30	13.1	1.9851	2.23
2024/07/26 23:45	12.97	1.8042	2.05
2024/07/27 00:00	12.85	1.7862	2.05
2024/07/27 00:15	12.65	1.7574	2.05
2024/07/27 00:30	12.33	1.7082	2.05
2024/07/27 00:45	11.95	1.6488	2.05
2024/07/27 01:00	11.73	1.6079	2.04
2024/07/27 01:15	11.46	1.3981	1.82
2024/07/27 01:30	10.87	1.3028	1.81
2024/07/27 01:45	10.75	1.1974	1.68
2024/07/27 02:00	10.56	1.2225	1.76
2024/07/27 02:15	10.32	1.1394	1.68
2024/07/27 02:30	10.07	1.1029	1.68
2024/07/27 02:45	10.01	1.0947	1.68
2024/07/27 03:00	9.76	0.8267	1.31
2024/07/27 03:15	9.67	0.7964	1.27
2024/07/27 03:30	9.67	0.7505	1.2
2024/07/27 03:45	9.62	0.6764	1.09
2024/07/27 04:00	9.62	0.6658	1.07
2024/07/27 04:15	9.62	0.6658	1.07
2024/07/27 04:30	9.6	0.6577	1.06

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/27 04:45	9.6	0.6577	1.06
2024/07/27 05:00	9.59	0.6568	1.06
2024/07/27 05:15	9.6	0.6634	1.07
2024/07/27 05:30	9.61	0.6848	1.1
2024/07/27 05:45	9.61	0.7148	1.15
2024/07/27 06:00	9.67	0.7206	1.15
2024/07/27 06:15	9.74	0.7885	1.25
2024/07/27 06:30	9.89	0.9482	1.47
2024/07/27 06:45	10.33	1.1440	1.69
2024/07/27 07:00	10.41	1.1555	1.69
2024/07/27 07:15	10.74	1.1988	1.69
2024/07/27 07:30	10.91	1.2763	1.76
2024/07/27 07:45	11.4	1.4345	1.88
2024/07/27 08:00	11.65	1.4966	1.91
2024/07/27 08:15	11.68	1.5356	1.96
2024/07/27 08:30	12.1	1.6940	2.08
2024/07/27 08:45	12.45	1.8126	2.15
2024/07/27 09:00	12.98	1.8971	2.15
2024/07/27 09:15	13.11	1.9266	2.16
2024/07/27 09:30	13.12	1.9824	2.22
2024/07/27 09:45	13.73	2.3881	2.56
2024/07/27 10:00	13.78	2.3969	2.56
2024/07/27 10:15	14.05	2.3925	2.5
2024/07/27 10:30	14.12	2.4043	2.5
2024/07/27 10:45	14.24	2.4276	2.51
2024/07/27 11:00	14.25	2.4293	2.51
2024/07/27 11:15	14.26	2.4307	2.51
2024/07/27 11:30	14.42	2.4572	2.51
2024/07/27 11:45	14.44	2.4602	2.51
2024/07/27 12:00	14.5	2.4905	2.53
2024/07/27 12:15	14.51	2.4922	2.53
2024/07/27 12:30	14.5	2.3614	2.4
2024/07/27 12:45	14.5	2.3614	2.4
2024/07/27 13:00	14.51	2.3630	2.4
2024/07/27 13:15	14.5	2.3394	2.37
2024/07/27 13:30	14.5	2.3394	2.37
2024/07/27 13:45	14.46	2.3333	2.37
2024/07/27 14:00	14.35	2.4046	2.46
2024/07/27 14:15	14.25	2.4241	2.5
2024/07/27 14:30	14.12	2.4025	2.5
2024/07/27 14:45	13.95	2.4034	2.53
2024/07/27 15:00	13.86	2.3879	2.53

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/27 15:15	13.86	2.3848	2.53
2024/07/27 15:30	13.92	2.3952	2.53
2024/07/27 15:45	13.84	2.3844	2.53
2024/07/27 16:00	13.84	2.3813	2.53
2024/07/27 16:15	13.84	2.2092	2.34
2024/07/27 16:30	13.84	2.2092	2.34
2024/07/27 16:45	13.92	2.1762	2.3
2024/07/27 17:00	13.92	2.1762	2.3
2024/07/27 17:15	13.9	2.2188	2.34
2024/07/27 17:30	13.9	2.0862	2.2
2024/07/27 17:45	13.9	2.2188	2.34
2024/07/27 18:00	13.9	2.1910	2.31
2024/07/27 18:15	13.51	2.0265	2.2
2024/07/27 18:30	13.49	2.0234	2.2
2024/07/27 18:45	13.49	2.0232	2.2
2024/07/27 19:00	13.42	2.0122	2.2
2024/07/27 19:15	13.41	2.0983	2.3
2024/07/27 19:30	13.32	1.9869	2.19
2024/07/27 19:45	13.1	1.9345	2.17
2024/07/27 20:00	13.1	1.9345	2.17
2024/07/27 20:15	13.06	1.9458	2.19
2024/07/27 20:30	13.04	1.9426	2.19
2024/07/27 20:45	13.01	1.9381	2.19
2024/07/27 21:00	13.01	1.9205	2.17
2024/07/27 21:15	13.03	1.8839	2.13
2024/07/27 21:30	13.04	1.8838	2.13
2024/07/27 21:45	13.04	1.8852	2.13
2024/07/27 22:00	13.08	1.8916	2.13
2024/07/27 22:15	13.09	1.8949	2.13
2024/07/27 22:30	13.09	1.8949	2.13
2024/07/27 22:45	13.09	1.8949	2.13
2024/07/27 23:00	13.08	2.0326	2.29
2024/07/27 23:15	12.67	1.9654	2.29
2024/07/27 23:30	12.54	1.8547	2.18
2024/07/27 23:45	12.45	1.7957	2.13
2024/07/28 00:00	12.41	1.7043	2.03
2024/07/28 00:15	12.31	1.6792	2.02
2024/07/28 00:30	12.02	1.6343	2.02
2024/07/28 00:45	11.8	1.5651	1.97
2024/07/28 01:00	11.56	1.4808	1.91
2024/07/28 01:15	11.03	1.3695	1.87
2024/07/28 01:30	10.94	1.3478	1.85

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/28 01:45	10.83	1.3307	1.85
2024/07/28 02:00	10.47	1.2773	1.85
2024/07/28 02:15	10.41	1.1239	1.64
2024/07/28 02:30	10.11	1.0845	1.64
2024/07/28 02:45	9.87	0.8926	1.39
2024/07/28 03:00	9.7	0.7999	1.28
2024/07/28 03:15	9.68	0.7571	1.21
2024/07/28 03:30	9.61	0.7040	1.13
2024/07/28 03:45	9.46	0.6652	1.09
2024/07/28 04:00	9.45	0.6498	1.07
2024/07/28 04:15	9.31	0.6172	1.03
2024/07/28 04:30	9.31	0.6172	1.03
2024/07/28 04:45	9.31	0.5734	0.96
2024/07/28 05:00	9.3	0.5726	0.96
2024/07/28 05:15	9.29	0.5718	0.96
2024/07/28 05:30	9.23	0.5518	0.94
2024/07/28 05:45	9.23	0.5953	1.01
2024/07/28 06:00	9.23	0.5953	1.01
2024/07/28 06:15	9.23	0.5953	1.01
2024/07/28 06:30	9.29	0.6913	1.16
2024/07/28 06:45	9.62	0.7511	1.21
2024/07/28 07:00	9.74	0.8618	1.37
2024/07/28 07:15	9.75	0.9250	1.46
2024/07/28 07:30	10.39	1.0241	1.5
2024/07/28 07:45	10.63	1.2016	1.71
2024/07/28 08:00	11.23	1.3009	1.74
2024/07/28 08:15	11.28	1.3585	1.8
2024/07/28 08:30	11.56	1.4638	1.89
2024/07/28 08:45	11.76	1.4259	1.8
2024/07/28 09:00	12.31	1.5005	1.8
2024/07/28 09:15	12.73	1.5572	1.8
2024/07/28 09:30	13.09	1.7802	2
2024/07/28 09:45	13.15	1.6740	1.87
2024/07/28 10:00	13.33	1.8147	2
2024/07/28 10:15	13.6	2.1169	2.29
2024/07/28 10:30	13.63	2.1831	2.35
2024/07/28 10:45	14.09	2.3011	2.4
2024/07/28 11:00	14.16	2.3124	2.4
2024/07/28 11:15	14.36	2.3441	2.4
2024/07/28 11:30	14.36	2.4026	2.46
2024/07/28 11:45	14.36	2.4026	2.46
2024/07/28 12:00	14.4	2.4641	2.52

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/28 12:15	14.4	2.4396	2.49
2024/07/28 12:30	14.4	2.4641	2.52
2024/07/28 12:45	14.33	2.4544	2.52
2024/07/28 13:00	14.33	2.4544	2.52
2024/07/28 13:15	14.3	2.4494	2.52
2024/07/28 13:30	14.3	2.4932	2.56
2024/07/28 13:45	14.13	2.4210	2.52
2024/07/28 14:00	14.13	2.4643	2.56
2024/07/28 14:15	14.13	2.4210	2.52
2024/07/28 14:30	14.09	2.4244	2.53
2024/07/28 14:45	14.09	2.4575	2.56
2024/07/28 15:00	14.07	2.4207	2.53
2024/07/28 15:15	13.91	2.3762	2.51
2024/07/28 15:30	13.79	2.2080	2.35
2024/07/28 15:45	13.77	2.1953	2.34
2024/07/28 16:00	13.75	2.1455	2.29
2024/07/28 16:15	13.6	2.1216	2.29
2024/07/28 16:30	13.53	2.0878	2.27
2024/07/28 16:45	13.32	2.0763	2.29
2024/07/28 17:00	13.31	2.0525	2.27
2024/07/28 17:15	13.24	2.0631	2.29
2024/07/28 17:30	13.18	1.9676	2.2
2024/07/28 17:45	13.17	1.9268	2.15
2024/07/28 18:00	13.1	1.9119	2.15
2024/07/28 18:15	13.1	1.9119	2.15
2024/07/28 18:30	13.03	1.9009	2.15
2024/07/28 18:45	13.03	1.9392	2.19
2024/07/28 19:00	12.97	1.9029	2.16
2024/07/28 19:15	12.97	1.9296	2.19
2024/07/28 19:30	12.97	1.9296	2.19
2024/07/28 19:45	13.03	2.0530	2.32
2024/07/28 20:00	13.03	2.0530	2.32
2024/07/28 20:15	13.32	1.9575	2.16
2024/07/28 20:30	13.43	1.9544	2.14
2024/07/28 20:45	13.45	1.9574	2.14
2024/07/28 21:00	13.48	1.9620	2.14
2024/07/28 21:15	13.54	2.1132	2.29
2024/07/28 21:30	13.61	2.1244	2.29
2024/07/28 21:45	13.82	2.1823	2.32
2024/07/28 22:00	13.84	2.2690	2.41
2024/07/28 22:15	13.84	2.2690	2.41
2024/07/28 22:30	13.84	2.1981	2.33

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/28 22:45	13.84	2.1855	2.32
2024/07/28 23:00	13.74	2.1692	2.32
2024/07/28 23:15	13.56	2.1004	2.28
2024/07/28 23:30	13.26	2.0026	2.22
2024/07/28 23:45	13.03	1.8759	2.12
2024/07/29 00:00	12.59	1.7797	2.09
2024/07/29 00:15	12.24	1.6782	2.03
2024/07/29 00:30	11.89	1.5828	1.98
2024/07/29 00:45	11.64	1.5311	1.96
2024/07/29 01:00	11.15	1.3722	1.85
2024/07/29 01:15	10.81	1.2259	1.71
2024/07/29 01:30	10.56	1.1912	1.71
2024/07/29 01:45	10.32	1.0555	1.56
2024/07/29 02:00	10.15	1.0311	1.55
2024/07/29 02:15	9.87	0.9724	1.52
2024/07/29 02:30	9.7	0.7548	1.2
2024/07/29 02:45	9.54	0.7373	1.2
2024/07/29 03:00	9.48	0.7122	1.17
2024/07/29 03:15	9.43	0.6974	1.15
2024/07/29 03:30	9.41	0.5718	0.95
2024/07/29 03:45	9.29	0.5626	0.95
2024/07/29 04:00	9.29	0.5626	0.95
2024/07/29 04:15	9.29	0.5626	0.95
2024/07/29 04:30	9.33	0.5755	0.96
2024/07/29 04:45	9.34	0.5955	0.99
2024/07/29 05:00	9.4	0.6287	1.04
2024/07/29 05:15	9.4	0.6732	1.12
2024/07/29 05:30	9.5	0.7831	1.28
2024/07/29 05:45	9.54	0.8160	1.33
2024/07/29 06:00	9.96	0.8630	1.33
2024/07/29 06:15	9.99	0.9021	1.39
2024/07/29 06:30	10.19	1.0801	1.62
2024/07/29 06:45	10.3	1.1031	1.63
2024/07/29 07:00	11.02	1.2360	1.69
2024/07/29 07:15	11.37	1.3619	1.79
2024/07/29 07:30	11.79	1.4265	1.8
2024/07/29 07:45	12.15	1.5775	1.92
2024/07/29 08:00	12.56	1.6815	1.98
2024/07/29 08:15	12.75	1.7091	1.98
2024/07/29 08:30	12.76	1.7106	1.98
2024/07/29 08:45	12.82	1.7208	1.98
2024/07/29 09:00	12.89	1.7295	1.98

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/29 09:15	12.89	1.7153	1.96
2024/07/29 09:30	13.08	1.7424	1.96
2024/07/29 09:45	13.08	1.7424	1.96
2024/07/29 10:00	13.1	1.7453	1.96
2024/07/29 10:15	13.19	1.7855	1.99
2024/07/29 10:30	13.25	1.7941	1.99
2024/07/29 10:45	13.43	1.8194	1.99
2024/07/29 11:00	13.49	1.8320	1.99
2024/07/29 11:15	13.54	1.8390	1.99
2024/07/29 11:30	13.69	2.0447	2.19
2024/07/29 11:45	13.82	2.1423	2.28
2024/07/29 12:00	13.85	2.0690	2.19
2024/07/29 12:15	13.85	2.0690	2.19
2024/07/29 12:30	13.88	2.0733	2.19
2024/07/29 12:45	13.88	2.1515	2.28
2024/07/29 13:00	13.88	2.1515	2.28
2024/07/29 13:15	13.88	2.1568	2.28
2024/07/29 13:30	13.77	2.1412	2.28
2024/07/29 13:45	13.73	2.1348	2.28
2024/07/29 14:00	13.75	2.2320	2.38
2024/07/29 14:15	13.75	2.2320	2.38
2024/07/29 14:30	13.75	2.2320	2.38
2024/07/29 14:45	13.75	2.1295	2.27
2024/07/29 15:00	13.6	1.9402	2.1
2024/07/29 15:15	13.6	1.9402	2.1
2024/07/29 15:30	13.54	1.9771	2.14
2024/07/29 15:45	13.43	1.9370	2.12
2024/07/29 16:00	13.31	1.9189	2.12
2024/07/29 16:15	13.3	1.9406	2.14
2024/07/29 16:30	13.31	1.9555	2.16
2024/07/29 16:45	13.54	1.9908	2.16
2024/07/29 17:00	13.54	1.9771	2.14
2024/07/29 17:15	13.58	1.9594	2.12
2024/07/29 17:30	13.66	1.9034	2.05
2024/07/29 17:45	13.68	1.9063	2.05
2024/07/29 18:00	13.68	1.9063	2.05
2024/07/29 18:15	13.66	1.9034	2.05
2024/07/29 18:30	13.66	2.0695	2.22
2024/07/29 18:45	13.74	2.1813	2.33
2024/07/29 19:00	13.74	2.1813	2.33
2024/07/29 19:15	13.74	2.1813	2.33
2024/07/29 19:30	13.67	2.2056	2.37

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/29 19:45	13.74	2.2819	2.44
2024/07/29 20:00	13.74	2.2819	2.44
2024/07/29 20:15	13.74	2.2740	2.43
2024/07/29 20:30	13.83	2.2663	2.41
2024/07/29 20:45	13.88	2.2971	2.43
2024/07/29 21:00	14.06	2.3349	2.44
2024/07/29 21:15	14.32	2.3672	2.43
2024/07/29 21:30	14.46	2.3894	2.43
2024/07/29 21:45	14.55	2.4475	2.47
2024/07/29 22:00	14.55	2.4578	2.49
2024/07/29 22:15	14.55	2.4578	2.49
2024/07/29 22:30	14.55	2.4578	2.49
2024/07/29 22:45	14.17	2.2886	2.37
2024/07/29 23:00	13.92	2.2487	2.37
2024/07/29 23:15	13.7	2.1979	2.36
2024/07/29 23:30	13.43	1.9715	2.16
2024/07/29 23:45	13.14	1.9113	2.14
2024/07/30 00:00	13.06	1.6719	1.88
2024/07/30 00:15	12.51	1.5050	1.78
2024/07/30 00:30	11.83	1.4130	1.78
2024/07/30 00:45	11.49	1.3468	1.75
2024/07/30 01:00	11.41	1.3358	1.75
2024/07/30 01:15	10.98	1.2528	1.72
2024/07/30 01:30	10.62	1.2038	1.72
2024/07/30 01:45	10.39	1.0735	1.57
2024/07/30 02:00	10.38	0.9208	1.35
2024/07/30 02:15	10.07	0.8205	1.25
2024/07/30 02:30	9.8	0.7913	1.24
2024/07/30 02:45	9.65	0.6373	1.02
2024/07/30 03:00	9.53	0.6216	1.01
2024/07/30 03:15	9.52	0.5908	0.96
2024/07/30 03:30	9.42	0.5831	0.96
2024/07/30 03:45	9.41	0.5823	0.96
2024/07/30 04:00	9.41	0.5669	0.94
2024/07/30 04:15	9.41	0.5669	0.94
2024/07/30 04:30	9.41	0.5883	0.97
2024/07/30 04:45	9.42	0.5918	0.98
2024/07/30 05:00	9.54	0.6213	1.01
2024/07/30 05:15	9.56	0.6439	1.05
2024/07/30 05:30	9.71	0.6702	1.07
2024/07/30 05:45	9.89	0.7977	1.24
2024/07/30 06:00	9.96	0.8719	1.34

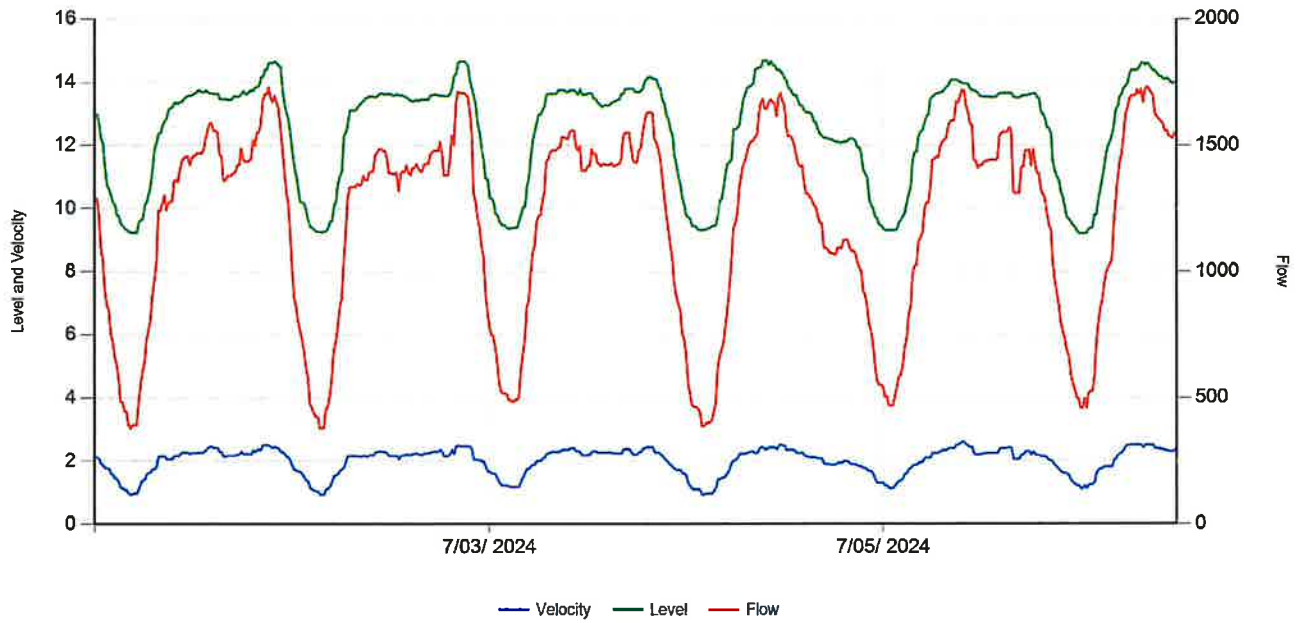
TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/30 06:15	10.06	1.0650	1.62
2024/07/30 06:30	10.47	1.2513	1.81
2024/07/30 06:45	10.68	1.2983	1.84
2024/07/30 07:00	11.35	1.4383	1.9
2024/07/30 07:15	11.96	1.5716	1.95
2024/07/30 07:30	11.99	1.5774	1.95
2024/07/30 07:45	12.48	1.6485	1.95
2024/07/30 08:00	12.55	1.6675	1.96
2024/07/30 08:15	12.55	1.6675	1.96
2024/07/30 08:30	12.71	1.6909	1.96
2024/07/30 08:45	12.81	1.7117	1.97
2024/07/30 09:00	12.83	1.7447	2
2024/07/30 09:15	12.84	1.8346	2.1
2024/07/30 09:30	12.9	1.8439	2.1
2024/07/30 09:45	12.9	1.8574	2.12
2024/07/30 10:00	13.11	1.9084	2.14
2024/07/30 10:15	13.18	1.9195	2.14
2024/07/30 10:30	13.32	1.9410	2.14
2024/07/30 10:45	13.35	2.0099	2.21
2024/07/30 11:00	13.51	2.0350	2.21
2024/07/30 11:15	13.53	2.0881	2.27
2024/07/30 11:30	13.56	2.1817	2.36
2024/07/30 11:45	13.56	2.1817	2.36
2024/07/30 12:00	13.53	2.1765	2.36
2024/07/30 12:15	13.51	2.1691	2.36
2024/07/30 12:30	13.51	2.1732	2.36
2024/07/30 12:45	13.45	2.1632	2.36
2024/07/30 13:00	13.42	2.1538	2.36
2024/07/30 13:15	13.29	2.0231	2.24
2024/07/30 13:30	13.29	1.9522	2.16
2024/07/30 13:45	13.25	1.9460	2.16
2024/07/30 14:00	13.25	1.9460	2.16
2024/07/30 14:15	13.25	1.9287	2.14
2024/07/30 14:30	13.25	1.9460	2.16
2024/07/30 14:45	13.4	1.9829	2.17
2024/07/30 15:00	13.46	1.9921	2.17
2024/07/30 15:15	13.65	2.2304	2.4
2024/07/30 15:30	13.65	2.2304	2.4
2024/07/30 15:45	13.65	2.2304	2.4
2024/07/30 16:00	13.75	2.3657	2.53
2024/07/30 16:15	13.75	2.3657	2.53
2024/07/30 16:30	13.65	2.2105	2.38

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/30 16:45	13.65	2.2105	2.38
2024/07/30 17:00	13.36	2.0713	2.28
2024/07/30 17:15	13.46	2.1264	2.32
2024/07/30 17:30	13.46	2.1264	2.32
2024/07/30 17:45	13.42	2.1199	2.32
2024/07/30 18:00	13.36	2.0747	2.28
2024/07/30 18:15	13.36	2.0747	2.28
2024/07/30 18:30	13.33	2.0108	2.22
2024/07/30 18:45	13.33	2.0108	2.22
2024/07/30 19:00	13.33	2.0108	2.22
2024/07/30 19:15	13.33	2.0701	2.28
2024/07/30 19:30	13.43	2.0038	2.19
2024/07/30 19:45	13.44	1.9390	2.12
2024/07/30 20:00	13.44	1.9390	2.12
2024/07/30 20:15	13.55	2.0223	2.19
2024/07/30 20:30	13.58	2.0269	2.19
2024/07/30 20:45	13.58	2.0269	2.19
2024/07/30 21:00	13.61	1.9644	2.12
2024/07/30 21:15	13.81	1.9938	2.12
2024/07/30 21:30	14.08	2.2352	2.33
2024/07/30 21:45	14.16	2.3248	2.41
2024/07/30 22:00	14.25	2.2600	2.33
2024/07/30 22:15	14.27	2.3407	2.41
2024/07/30 22:30	14.27	2.3407	2.41
2024/07/30 22:45	14.27	2.3407	2.41
2024/07/30 23:00	14.25	2.2683	2.34
2024/07/30 23:15	13.89	2.2132	2.34
2024/07/30 23:30	13.51	1.9983	2.17
2024/07/30 23:45	12.99	1.8923	2.14
2024/07/31 00:00	12.65	1.8128	2.11
2024/07/31 00:15	12.16	1.6518	2.01
2024/07/31 00:30	11.96	1.5649	1.94
2024/07/31 00:45	11.48	1.4586	1.9
2024/07/31 01:00	10.9	1.3489	1.86
2024/07/31 01:15	10.87	1.3445	1.86
2024/07/31 01:30	10.59	1.2468	1.78
2024/07/31 01:45	10.39	1.2142	1.78
2024/07/31 02:00	10.26	1.1629	1.73
2024/07/31 02:15	10	1.0749	1.65
2024/07/31 02:30	9.82	0.9493	1.49
2024/07/31 02:45	9.74	0.9352	1.48
2024/07/31 03:00	9.58	0.8179	1.32

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/31 03:15	9.47	0.7555	1.24
2024/07/31 03:30	9.47	0.7210	1.18
2024/07/31 03:45	9.47	0.6267	1.03
2024/07/31 04:00	9.47	0.6267	1.03
2024/07/31 04:15	9.35	0.6171	1.03
2024/07/31 04:30	9.35	0.6771	1.13
2024/07/31 04:45	9.35	0.6890	1.15
2024/07/31 05:00	9.51	0.7251	1.18
2024/07/31 05:15	9.54	0.7720	1.26
2024/07/31 05:30	9.58	0.8256	1.34
2024/07/31 05:45	9.58	0.8502	1.38
2024/07/31 06:00	9.76	0.9399	1.49
2024/07/31 06:15	9.9	0.9847	1.53
2024/07/31 06:30	10.49	1.1908	1.72
2024/07/31 06:45	11.03	1.3077	1.78
2024/07/31 07:00	11.14	1.3865	1.87
2024/07/31 07:15	12.08	1.5807	1.94
2024/07/31 07:30	13.01	1.9413	2.2
2024/07/31 07:45	13.36	2.0772	2.28
2024/07/31 08:00	13.55	2.1063	2.28
2024/07/31 08:15	13.55	2.1063	2.28
2024/07/31 08:30	13.62	2.1393	2.31
2024/07/31 08:45	13.62	2.1655	2.34
2024/07/31 09:00	13.55	2.1540	2.34
2024/07/31 09:15	13.53	2.1521	2.34
2024/07/31 09:30	13.53	2.1783	2.36
2024/07/31 09:45	13.53	2.2092	2.4
2024/07/31 10:00	13.61	2.2227	2.4
2024/07/31 10:15	13.61	2.2227	2.4
2024/07/31 10:30	13.78	2.2192	2.36
2024/07/31 10:45	13.8	2.2229	2.37
2024/07/31 11:00	13.83	2.3022	2.45
2024/07/31 11:15	13.98	2.2518	2.37
2024/07/31 11:30	14.01	2.2566	2.37
2024/07/31 11:45	14.01	2.2566	2.37
2024/07/31 12:00	14.01	2.2566	2.37
2024/07/31 12:15	13.98	2.2518	2.37
2024/07/31 12:30	13.71	2.2598	2.42
2024/07/31 12:45	13.71	2.1953	2.35
2024/07/31 13:00	13.71	2.2598	2.42
2024/07/31 13:15	13.68	2.1906	2.35
2024/07/31 13:30	13.67	2.1887	2.35

TimeStamp	Level (in)	Flow (mgd)	Velocity (fps)
2024/07/31 13:45	13.71	2.1795	2.33
2024/07/31 14:00	13.71	2.1795	2.33
2024/07/31 14:15	13.67	2.1730	2.33
2024/07/31 14:30	13.67	2.1730	2.33
2024/07/31 14:45	13.57	2.0994	2.27
2024/07/31 15:00	13.39	2.0702	2.27
2024/07/31 15:15	13.35	2.0504	2.26
2024/07/31 15:30	13.33	2.0412	2.25
2024/07/31 15:45	13.31	1.9882	2.2
2024/07/31 16:00	13.28	1.8675	2.07
2024/07/31 16:15	13.28	1.8675	2.07
2024/07/31 16:30	13.28	1.8883	2.09
2024/07/31 16:45	13.28	1.8675	2.07
2024/07/31 17:00	13.25	1.8490	2.05
2024/07/31 17:15	13.25	1.8490	2.05
2024/07/31 17:30	13.33	1.8608	2.05
2024/07/31 17:45	13.46	1.9151	2.09
2024/07/31 18:00	13.46	1.9270	2.1
2024/07/31 18:15	13.5	1.9327	2.1
2024/07/31 18:30	13.55	1.9606	2.13
2024/07/31 18:45	13.55	1.9926	2.16
2024/07/31 19:00	13.51	1.9865	2.16
2024/07/31 19:15	13.51	2.1527	2.34
2024/07/31 19:30	13.51	2.1527	2.34
2024/07/31 19:45	13.53	2.1560	2.34
2024/07/31 20:00	13.53	2.1560	2.34
2024/07/31 20:15	13.53	1.9974	2.17
2024/07/31 20:30	13.57	2.1626	2.34
2024/07/31 20:45	13.6	2.1675	2.34
2024/07/31 21:00	13.62	2.1977	2.37
2024/07/31 21:15	14.15	2.0897	2.17
2024/07/31 21:30	14.28	2.1084	2.17
2024/07/31 21:45	14.31	2.3088	2.37
2024/07/31 22:00	14.31	2.3903	2.45
2024/07/31 22:15	14.31	2.3903	2.45
2024/07/31 22:30	14.31	2.3088	2.37
2024/07/31 22:45	14.23	2.2699	2.34
2024/07/31 23:00	14.09	2.2481	2.34
2024/07/31 23:15	14.05	2.2417	2.34
2024/07/31 23:30	13.52	2.0515	2.23
2024/07/31 23:45	13.11	1.9874	2.23
Averages	12.5660	1.7528	2.0067

2021.02 Fox St MH

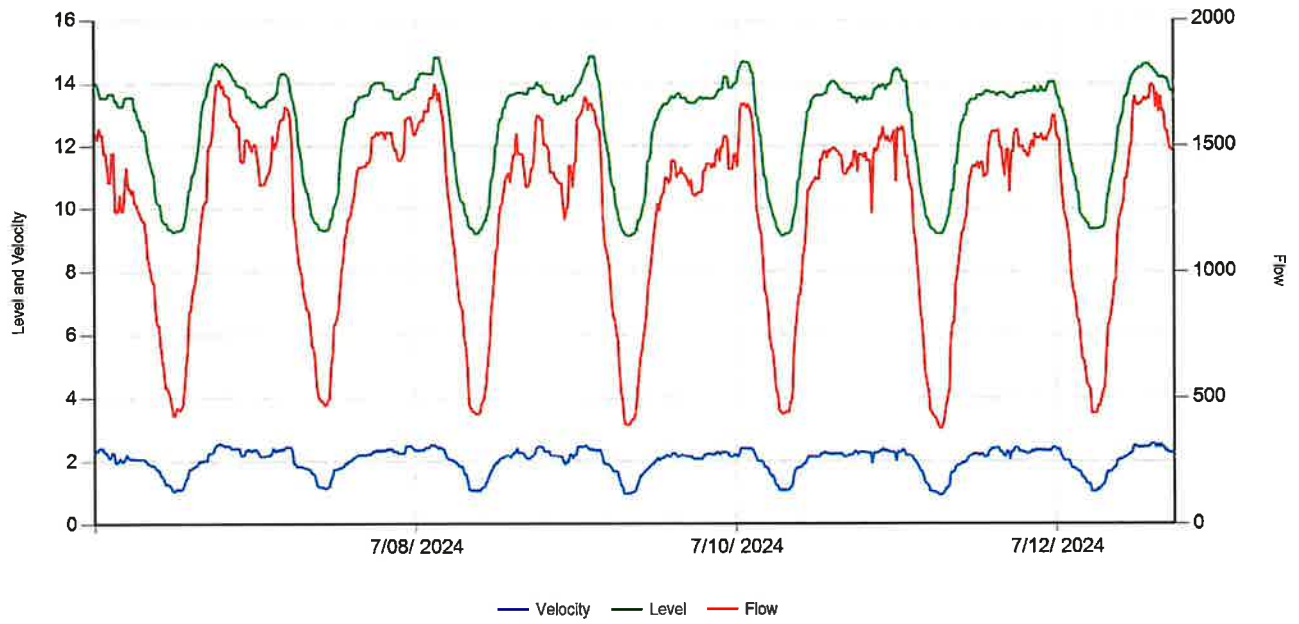


	Velocity (fps)	Level (in)	Flow (gpm)		
Average	1.993	12.480	1200.948	RainFall	Inches
Maximum	2.601	14.689	1731.683		
Minimum	0.928	9.221	380.411		



8/05/2024

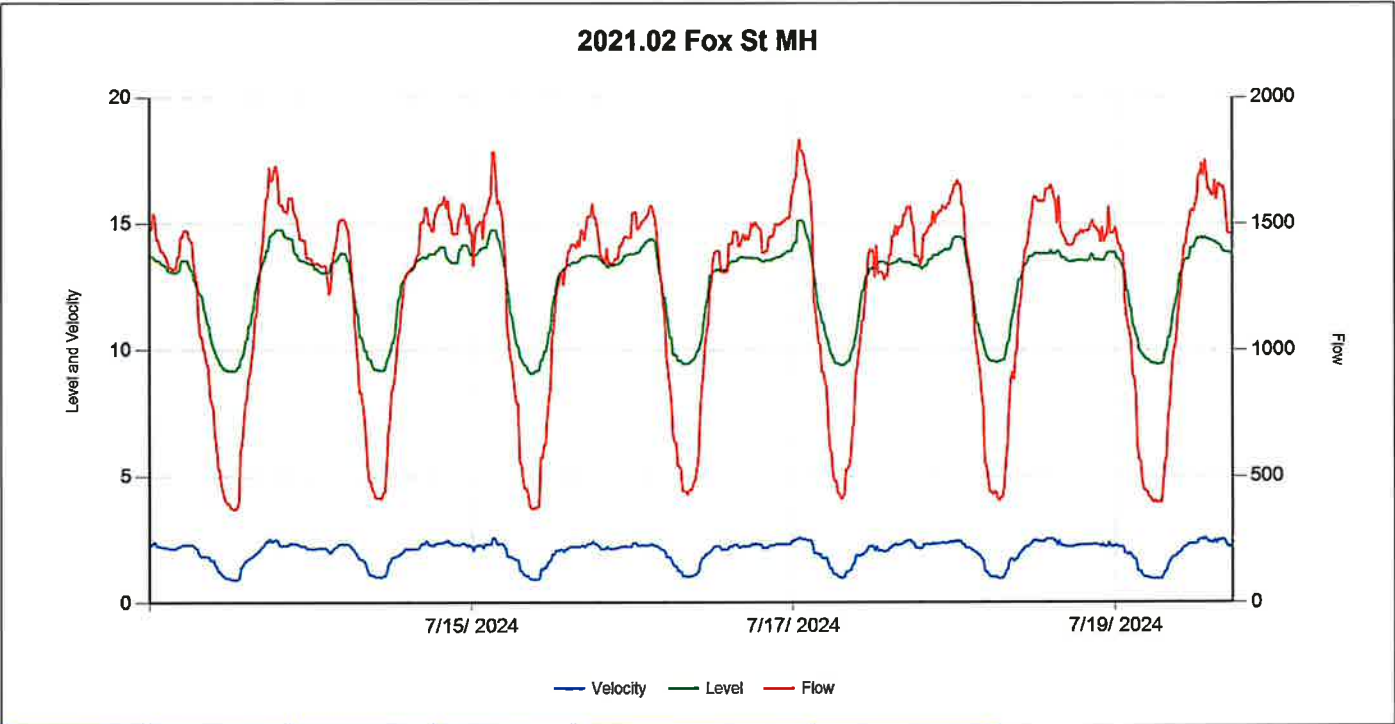
2021.02 Fox St MH



	Velocity (fps)	Level (in)	Flow (gpm)		
Average	2.012	12.632	1225.900	RainFall	Inches
Maximum	2.567	14.828	1763.926		
Minimum	0.927	9.140	378.709		



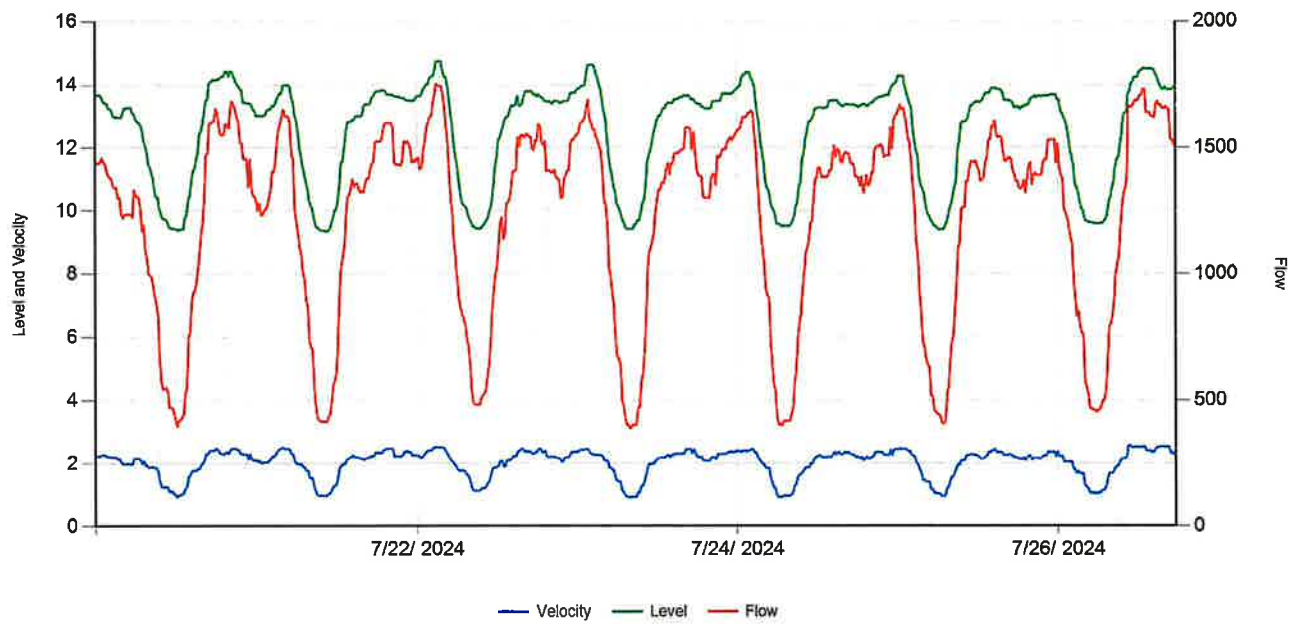
8/05/2024



	Velocity (fps)	Level (in)	Flow (gpm)			
Average	2.004	12.601	1220.583	RainFall	Inches	
Maximum	2.580	15.113	1834.494			
Minimum	0.910	9.080	370.986			

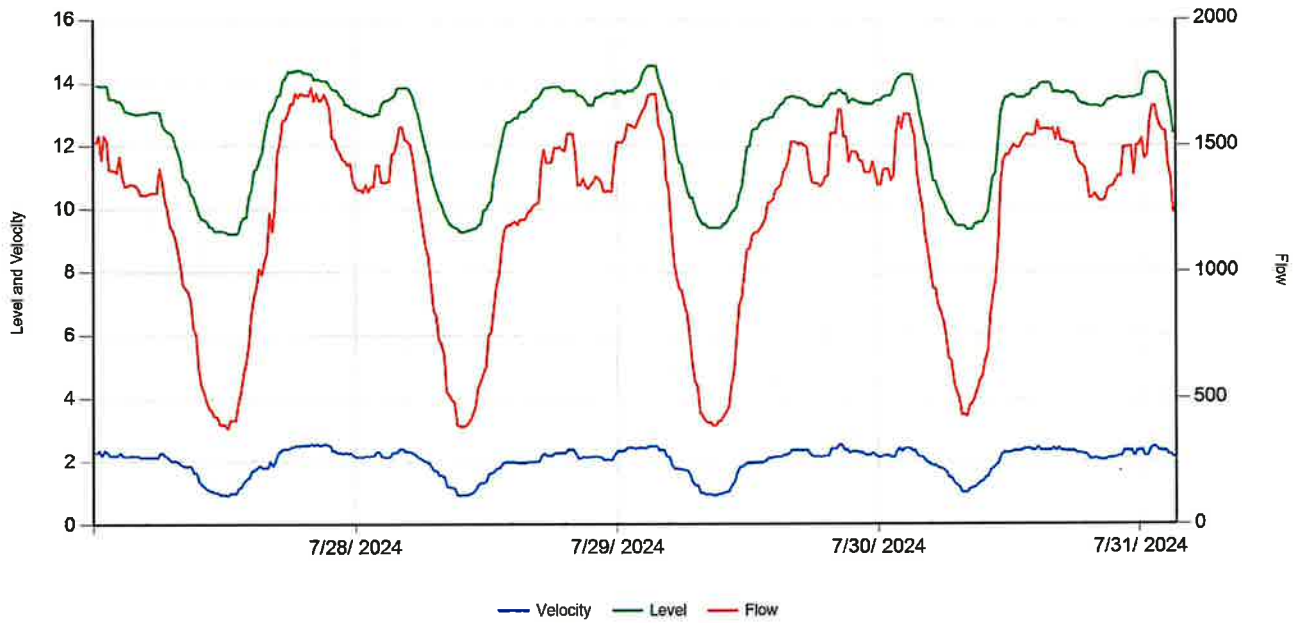
8/05/2024

2021.02 Fox St MH



	Velocity (fps)	Level (in)	Flow (gpm)			
Average	2.017	12.549	1221.385	RainFall	Inches	
Maximum	2.555	14.745	1754.234			
Minimum	0.923	9.366	388.153			
						8/05/2024

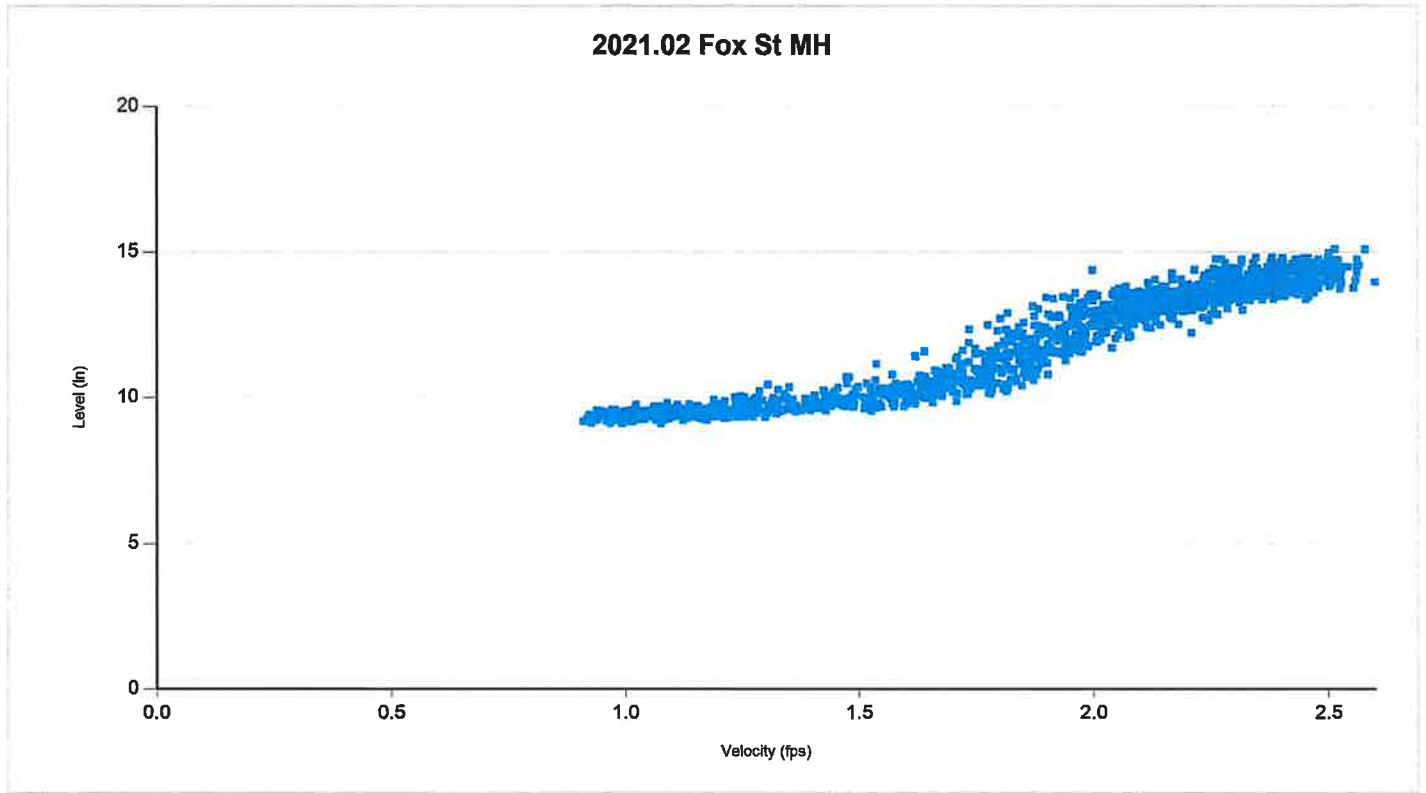
2021.02 Fox St MH



	Velocity (fps)	Level (in)	Flow (gpm)		
Average	2.004	12.541	1212.593	RainFall	Inches
Maximum	2.563	14.548	1731.422		
Minimum	0.936	9.226	383.175		



8/05/2024



7/1/2024 thru 7/31/2024



8/5/2024 10:50:52 AM



Utility Systems Science and Software

Report Date: 08/05/2024
Customer: City of San Fernando
Group: Sewer flow monitoring
Site: 2021.02 Fox St MH

Statistics for 2021.02 Fox St MH: 07/01/2024 thru 07/31/2024

Date	Flow (GPM)			Flow (MGD)			Velocity (FPS)			Level (inches)			Total Gal	Rain
	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min		
7/1/24	1223.98	1727.81	380.41	1.76	2.49	0.55	2.01	2.51	0.93	12.60	14.66	9.23	1,762,525	
7/2/24	1211.57	1713.36	381.29	1.75	2.47	0.55	1.99	2.48	0.93	12.60	14.66	9.26	1,744,660	
7/3/24	1240.37	1633.64	484.26	1.79	2.35	0.70	2.04	2.44	1.16	12.62	14.17	9.36	1,786,130	
7/4/24	1133.37	1709.04	388.91	1.63	2.46	0.56	1.91	2.52	0.94	12.27	14.69	9.33	1,632,056	
7/5/24	1215.73	1720.08	469.63	1.75	2.48	0.68	2.02	2.60	1.13	12.48	14.10	9.33	1,750,651	
7/6/24	1229.42	1731.68	459.46	1.77	2.50	0.66	2.02	2.53	1.12	12.61	14.62	9.22	1,770,360	
7/7/24	1227.40	1763.93	428.70	1.77	2.54	0.62	2.02	2.57	1.04	12.55	14.62	9.27	1,767,461	
Week:	1211.69	1763.93	380.41	1.75	2.54	0.55	2.00	2.60	0.93	12.53	14.69	9.22	12,213,843	
7/8/24	1266.67	1745.85	470.15	1.83	2.52	0.68	2.07	2.50	1.13	12.74	14.81	9.33	1,824,012	
7/9/24	1230.70	1692.55	436.24	1.77	2.44	0.63	2.01	2.48	1.07	12.68	14.83	9.22	1,772,204	
7/10/24	1190.73	1663.86	391.88	1.72	2.40	0.56	1.96	2.41	0.97	12.59	14.67	9.14	1,714,652	
7/11/24	1228.12	1574.31	435.21	1.77	2.27	0.63	2.01	2.39	1.08	12.68	14.46	9.14	1,768,488	
7/12/24	1215.91	1618.34	378.71	1.75	2.33	0.55	2.00	2.44	0.93	12.57	14.04	9.22	1,750,916	
7/13/24	1232.55	1740.55	438.30	1.78	2.51	0.63	2.03	2.54	1.05	12.57	14.60	9.37	1,774,865	
7/14/24	1171.83	1727.35	370.99	1.69	2.49	0.53	1.95	2.52	0.91	12.43	14.77	9.20	1,687,433	
Week:	1219.50	1745.85	370.99	1.76	2.52	0.53	2.00	2.54	0.91	12.61	14.83	9.14	12,292,570	
7/15/24	1246.03	1784.26	414.89	1.80	2.57	0.60	2.03	2.56	1.02	12.68	14.76	9.20	1,794,283	
7/16/24	1192.41	1580.71	372.15	1.72	2.28	0.54	1.97	2.43	0.93	12.55	14.39	9.08	1,717,066	

NO.	DEPT.	DIV PREFIX	VEH.ID	PGM	DIV	YEAR	MAKE	MODEL	ENG. SIZE	DESCRIPTION	FUEL TYPE	AREA USED	DRIVER/RP	LICENSE PLATE NO.	GAS CARD #	VIN#s
11	PUBWORKS	PK	3240	041	390	2007	FORD	RANGER	4.0 L SOHC	SMALL PICK UP UTILITY	GASOLINE	PARKS MAINT.	RODRIGO M.	E1264516	6818-6	1FTYR44E47PA63240
12	PUBWORKS	PK	4361	041	390	2007	JOHN DEERE	325 SKID STEER		SKID STEER	DIESEL	PARKS MAINT.	R. MORA	N/A	6776-6	T00325E134361
13	PUBWORKS	PK	4626	041	390	2016	FORD	UTILITY	6.2L EFI V-8	REG CAB	CNG	FACILITIES	RICHARD D.	E1492620	6785-7	1FDBF2A67GED24626
14	PUBWORKS	PK	5659	041	390	2005	FORD	VA		4 X 4 TRUCK	DIESEL	PARKS MAINT.	RODRIGO M.	E1094968	6770-9	1FTWX31P25ED35659
15	PUBWORKS	PK	6820	041	390	2023	FORD	F250	6.8L V8	SUPERCAB	GASOLINE	FACILITIES	DAVID G.	E1654799	0115-4	1FT7X2AA8PEC56820
16	PUBWORKS	PK	6821	041	390	2023	FORD	F250	6.8L V8	SUPERCAB	GASOLINE	FACILITIES	RICHARD D.	E1654879	0118-8	1FT7X2AAXPEC56821
17	PUBWORKS	PK	8704	041	390	1999	FORD	F-350	6.8 L	CREW UTILITY	GASOLINE	PARKS MAINT.	DAVID G.	E1033542	6758-4	1FTSW30S0XED68704
18	PUBWORKS	PK	9826	041	390	1997	FORD	F-350	7.5 L	CREW CAB	GASOLINE	PARKS MAINT.	TEMP	E1094923 (rpl)	6796-4	1FTJW35G9VCE39826
19	PUBWORKS	PW	0315	029	335	1998	TOYOTA	T-100	2.7 L	SWEeper TRUCK	GASOLINE	MALL MAINTANANCE		E051889	CANCELLED	JT4JM11D1W0020315
20	PUBWORKS	PW	0509	041	311	2016	FORD	F250 SD	6.2L V-8	6-SPD SUPER DUTY	CNG	STREET TREES		E1475388	6811-1	1FDBF2A66GED40509
21	PUBWORKS	PW	0597	041	311	2003	FORD	F-150	5.4 L	PICK UP TRUCK	CNG	STREET TREES		E1155204	6826-9	2FDPF17M03CA40597
22	PUBWORKS	PW	2931	041	311	2023	FORD	F250	6.8L V8	SUPERCAB	GASOLINE	STREETS	ROBERT D.	E1654795	0114-7	1FT7X2AA2PEC42931
23	PUBWORKS	PW	3989	041	311	2001	FORD	F-350	6.8 L	CREW UTILITY	GASOLINE	STREET MAINTANANCE	ROBERT D.	E1086145	6753-5	1FDSW34S41EC83989
24	PUBWORKS	PW	4412	041	311	2004	FORD	F-150	5.4 L	PICK UP TRUCK	CNG	STREET MAINTANANCE		E1200076	9824-8	2FDPF17M94CA74412
25	PUBWORKS	PW	4493	041	311	2019	FORD	F-350	6.2L	PICK UP TRUCK	GASOLINE	MALL MAINT.		E1563151	6804-6	1FD8W3A69KED54493
26	PUBWORKS	PW	5213	041	311	2000	JOHN DEERE	310-E		BACKHOE	DIESEL	PUBLIC WORKS		E1048898	6788-1	T0310EX885213
27	PUBWORKS	PW	2115	041	370	2007	FORD	F-350	10 CYL	CREW UTILITY	GASOLINE	STREET MAINTANANCE		E1223715	7397-8	1FDWW36Y57EB12115
28	PUBWORKS	PW	2116	041	370	2007	FORD	F-350	10 CYL	CREW FLAT BED	GASOLINE	MALL MAINTANANCE		E1249700	6827-7	1FDWW36Y77EB12116
29	PUBWORKS	PW	4609	041	370	2005	CHEV	C-4500		LIFT TRUCK (CNG)	CNG	STREET TREES		E1195089	6832-7	1GBE4C1E55F534609
30	PUBWORKS	PW	1271	072	360	2023	FREIGHTLINER	114SD		SEWER CLEANER	CNG	SEWER MAINTANCE		E1642288	3940-2	1FVAG3FT6PHUF1271
31	PUBWORKS	PW	2721	072	360	2000	CHEV	3500 HD	454 C.I.	UTILITY	GASOLINE	SEWER MAINTANCE		E1079883	3274-9	1GBKC34J6YF512721
32	PUBWORKS	PW	3464	072	360	2016	FREIGHTLINER	VA		SEWER JETTER	DIESEL	SEWER MAINTANCE	STREETS	E1237996	6838-4	1FVAG5DT5GHHJ3464
33	PUBWORKS	PW	4534	072	360	1999	FORD	F-350	6.8 L	SMALL DUMP (PW)	GASOLINE	STREET MAINTANANCE		E1008775	6762-6	1FDWF36S5XEC34534
34	PUBWORKS	PW	1521	N/A	N/A	1957	FORD	F-100		UTILITY	GASOLINE	RESTORATION		E1094919	N/A	F10J7L11521
35	PUBWORKS	WA	3241	029	335	2007	FORD	RANGER	4.0 L SOHC	SMALL PICK UP	GASOLINE	METER READER	RUBEN O.	E1259769	6828-5	1FTYR44E67PA63241
36	PUBWORKS	WA	4416	070	381	2004	FORD	F-150	5.4 L	PICK UP TRUCK	CNG	WATER	ALEX M.	E1205854	6821-0	2FDPF17M64CA74416
37	PUBWORKS	WA	4125	070	382	2019	FORD	F-350	6.2L	REG CAB	GASOLINE	WATER	WATER#4	E1563150	8257-8	1FDBF3A63KEC44125
38	PUBWORKS	WA	9977	070	382	2016	FORD	F550	6.8L EFI V-10	UTILITY VALVE TRUCK	GASOLINE	WATER	WATER#4	E1493820	6780-8	1FDUF5GY1GEB69977
39	PUBWORKS	WA	0172	070	383	2016	FORD	F650		HD UTILITY TRUCK	GASOLINE	WATER	WATER	E1492979	6834-3	1FDNF6AY2GDA00172
40	PUBWORKS	WA	2571	070	383	2013	JOHN DEERE	310SK	4.5L	BACKHOE	DIESEL	WATER	DANNY G.	E1392658	6806-1	1T0310SKTDE252571
41	PUBWORKS	WA	4573	070	383	2005	FORD	F-450 XL	7.4 L	UTILITY VALVE/SIGN TRUCK	GASOLINE	WATER	JESSE S.	E1194739	6763-4	1FDXF46Y46EA14573
42	PUBWORKS	WA	5289	070	383	2002	HYSTER	H50XM	4 CYL	FORKLIFT	PROPANE	WATER	DANNY G.	N/A	PROPANE	H177B35289Z
43	PUBWORKS	WA	7218	070	383	2015	FORD	F650		5-6 YARD DUMP TRUCK	GASOLINE	WATER	DANNY G.	E1443795	6786-5	3FRNF6HP5FV567218
44	PUBWORKS	WA	8095	070	383	2003	CHEV	2500HD	V8	UTILITY TRUCK	GASOLINE	WATER	DANNY G.	E1171553	6777-4	1GBHC29U93E308095
45	PUBWORKS	WA	7358	070	384	2019	FORD	350	3.7L V6	TRANSIT VAN	GASOLINE	WATER	ALEX M.	E1567391	6771-7	1FTBW2XM8KKB17358
1	REC	RE	8966	07	313	2008	FREIGHTLINER	TR29/70090025		TROLLEY NO. 1	CNG	TROLLEY ROUTE		E1094917	6751-9	4UZAACB308CZ78966
2	REC	RE	8967	07	313	2008	FREIGHTLINER	TR29/70090026		TROLLEY NO. 2	CNG	TROLLEY ROUTE		E1094916	6764-2	4UZAACB328CZ78967
3	REC	RE	4997	041	440	2002	FORD	THINK		ELECTRIC VEHICLE	ELECTRIC	RECREATION		E374165	N/A	1FABP215X20104997

SMALL EQUIPMENT LIST (AS OF 08-21-23)

NO	Dept/Div	VEH.ID	PGM	DIV	YR	MAKE	MODEL	ENG. SIZE	DESC	FUEL TYPE	DEPARTMENT	LICENSE PLATE NO.	GAS CARD #	VIN#
1	CE	0106	041	152	1990	LANDA	3500	18 HP	STEAM CLEANER	GAS / DIESEL	COMM. DEV.	N/A	N/A	
2	CE	8007	041	152	2017	AWW	TRAILER		GRAFFITI PRESSURE WASHER	GAS / DIESEL	COMM. DEV.	E1452076		1U9BU111XHC088007
1	EL	4327	041	370	1996	ING-RAND	P185WJD	239 C.I.	DIESEL/COMPRESSOR	DIESEL	ELECTRICAL	N/A		N/A
1	PD	1284	041	225	2020	FORRESTER	CCH	N/A	TRAILER (COVID-19)	N/A	POLICE	E1596638	N/A	4X4TSJX29LC021284
2	PD	1303	041	225	2020	FORRESTER	T2360	N/A	TRAILER (COVID-19)	N/A	POLICE	E1596637	N/A	4X4TSJZ22LC021303
3	PD	4066	041	225	2022	MVT-900A	WB-SOLAR		SURVEILLANCE TRAILER	SOLAR	POLICE	NEW	N/A	1Z9B1131XNG534066
4	PD	6693	041	225	2020	MALLARD	CCH	N/A	TRAILER (COVID-19)	N/A	POLICE	E1596633	N/A	5SFNB3127LN426693
5	PD	8016	041	225	2007	SMART	232 KA	N/A	RADAR TRAILER	SOLAR	POLICE		N/A	1K9BM11177G118016
6	PD	8201	041	225	2001	SMART TRAILER	5705-UTIL	N/A	RADAR TRAILER	SOLAR	POLICE	E1118847	N/A	1K9BS081X1K118201
7	PD	8731	041	225	2018	SHADOW CRUI	CCH	N/A	TRAILER (COVID-19)	N/A	POLICE	E1596645	N/A	5RXDDB2727JN358731
1	PK	0083	041	390	1999	SCAG	LAWN MOWER		LAWN MOWER	GASOLINE	PARKS	N/A		
2	PK	0258	041	390	2007	KAWASAKI	MODEL 3010	4 STROKE	MULE	GASOLINE	PARKS	N/A		
3	PK	1169	041	390	2004	GRASSHOPPER	LAWN MOWER	?	LAWN MOWER	GASOLINE	PARKS	N/A		
4	PK	1173	041	390	2019	GRASSHOPPER	MOWER	1.3L	LAWN MOWER	DIESEL	PARKS	N/A		7011173
5	PK	2364	041	390	2013	GRASSHOPPER	930D2	1305	LAWN MOWER	DIESEL	LAS PALMAS	N/A		6412364
6	PK	3234	041	390		SKYJACK	SJIII		SCISSOR LIFT	ELECTRIC	FACILITIES	N/A	N/A	22013234
7	PK	4377	041	390	2023	KAWASAKI	KAF400PPFNN		MULE		FACILITIES	EX4 S07	N/A	JK1AFEP18PB514377
8	PK	5075	041	390	1991	SMART	TRAILER	N/A	GENERATOR WELDER TRAILER	SOLAR	FACILITIES	E912503	N/A	1M9BS0818MC325075
9	PK	7336	041	390	1998	KAWASAKI	2500	37.6 C.I.	MULE	GASOLINE	PARKS	N/A		
1	PW	0005	041	311		HYDRO TEK			WATER PRESSURE		STREETS	PENDING	N/A	1H9BSC181N1120005
2	PW	0294	041	370	1993	HONDA	GX-120	4 HP	LINE STRIPER	GASOLINE	ELECTRICAL	N/A	N/A	
3	PW	0582	041	370	2007	WANCO	WTMMB	N/A	MESSAGE BOARD	SOLAR	PUBLIC WORKS	SE598361	N/A	5F12S161871000582
4	PW	0583	041	370	2007	WANCO	WTMMB	N/A	MESSAGE BOARD	SOLAR	PUBLIC WORKS	SE598371	N/A	5F12S161X71000583
5	PW	0584	041	370	2007	WANCO	WTMMB	N/A	MESSAGE BOARD	SOLAR	PUBLIC WORKS	SE598370	N/A	5F12S161171000584
6	PW	0889	030	341	2022	YONGOJIANG	UTIL TRAILER	N/A	MALL MAINT.	N/A	PUBLIC WORKS	E1094971	N/A	L4WC1G729NA400889
7	PW	0894	030	341	2022	YONGOJIANG	UTIL TRAILER	N/A	MALL MAINT.	N/A	PUBLIC WORKS	E1094970	N/A	L4WC1G722NA400894
8	PW	1987	041	311	2004	CARTA	DMP	N/A	U-CART	N/A	STREET MAINT.	E1203449		4MFTA132X4W001987
9	PW	2384	041	311	1989	RAMIKA	TRAILER	11 HP	GRAFFITI	GAS / DIESEL	COMM. DEV.	E327571		1R9UA1710K1052384
10	PW	2497	041	312	1990	GRACO	D881	3.5 HP	LAZER STRIPER	GASOLINE	ST. TREE MAINT.	N/A		
11	PW	2532	041	312	1989	RAMIKA	TRAILER	11 HP	LANDA PRESSURE WASHER	GAS / DIESEL	ST. TREE MAINT.	E328631		1R9UA1710K1052532
12	PW	3961	041	311	2023	SRTC	TRAILER	N/A	TREE HAULING	N/A	ST. TREE MAINT.	E1655496	N/A	5PTBD1420P1043961
13	PW	4567	041	350	1997	LOG SPLITTER			LOG SPLITTER	GASOLINE		N/A	N/A	
14	PW	4570	041	346	2001	TRAILER	WATER	5.5 HONDA		GASOLINE		N/A	N/A	
15	PW	6239	041	311	1996	STONE	95 CMD	8 HP	CONCRETE MIXER	GASOLINE	STREET MAINT.	N/A		S/N 2496239
16	PW	8086	29	335	2018	UNIV	UTIL TRAILER		TRAILER		MALL MAINT.	E1471098	N/A	1U9BU1529JC088086
17	PW	8142	072	360	2023	INTS	TRAILER	N/A	SEWER MAINT.	N/A	STREET MAINT.	E1655924	N/A	4RAL51015PK088142
18	PW	8281	041	370	2002	ARRO	LITE 14281	N/A	ARROW BOARD	SOLAR	PUBLIC WORKS	N/A	N/A	159A71012YL358281

SMALL EQUIPMENT LIST (AS OF 08-21-23)

NO	Dept/Div	VEH.ID	PGM	DIV	YR	MAKE	MODEL	ENG. SIZE	DESC	FUEL TYPE	DEPARTMENT	LICENSE PLATE NO.	GAS CARD #	VIN#
19	PW	9412	041	311	2000	ING-RAND	P-185WJDR	4045D	AIR COMPRESSOR	DIESEL	STREETMAINT.	N/A		4FVCABDAXYU309412
1	WA	0115	070	384	2008	BALDOR	ST-8EB		GENERATOR TS175	DIESEL	WATER	E1321772		4TCSU108X8H810115
2	WA	0246	070	383	2001	WHITEMAN	MLTDA7		STADIUM LIGHTING	DIESEL	WATER	N/A		
3	WA	0263	070	384	2008	TRITON	CARRIER		GENERATOR TS250	DIESEL	WATER	E1321768		4TCSU10998H910263
4	WA	0649	070	384	2007	TRITON	CARRIER		GENERATOR TS130	DIESEL	WATER	E1321776		4TCSU107X7H710649
5	WA	0869	070	383	1989	STOW	TJD	2 CYL	CONCRETE SAW	GASOLINE	WATER	N/A		8907869
6	WA	1217	070	384	2007	MIGHT	KATOLITE		LARGE GENERATOR	GASOLINE	WATER	SE581532		4AG6U25386C041217
7	WA	4244	070	383	2015	DOOSAN	P185WDO	339 CUI	AIR COMPRESSOR	DIESEL	WATER	SE598360		4FVCABAA2GUA474244
8	WA	5796	070	384	1998	BIGTX	TRAILER	4 CYL	ONAN GENERATOR (LARGE)	DIESEL	WATER	E952244		16VLX0812W1A05796
9	WA	8720	070	383	1993	STARLIGHT	TRAILER		ARROW-BOARD	SOLAR	WATER	E916490		1S9A31213PL358720

FISCAL YEAR 2024-2025

PROPOSED BUDGET

THE CITY OF
SAN FERNANDO

SAN FERNANDO, CALIFORNIA





THE CITY OF SAN FERNANDO

DIRECTORY OF OFFICIALS

FISCAL YEAR 2024-2025

ELECTED OFFICIALS

CITY COUNCIL

MAYOR

CELESTE T. RODRIGUEZ

VICE MAYOR

MARY MENDOZA

COUNCILMEMBERS

JOEL FAJARDO

VICTORIA GARCIA

MARY SOLORIO

EXECUTIVE MANAGEMENT

CITY MANAGER

NICK KIMBALL

DEPUTY CITY MANAGER/ECONOMIC DEVELOPMENT

KANIKA KITH

CHIEF OF POLICE

FABIAN VALDEZ

CITY CLERK

JULIA FRITZ

DIRECTOR OF COMMUNITY DEVELOPMENT

ERIKA RAMIREZ

DIRECTOR OF FINANCE/CITY TREASURER

ERICA D. MELTON

DIRECTOR OF PUBLIC WORKS

WENDELL E. JOHNSON

DIRECTOR OF RECREATION AND
COMMUNITY SERVICES

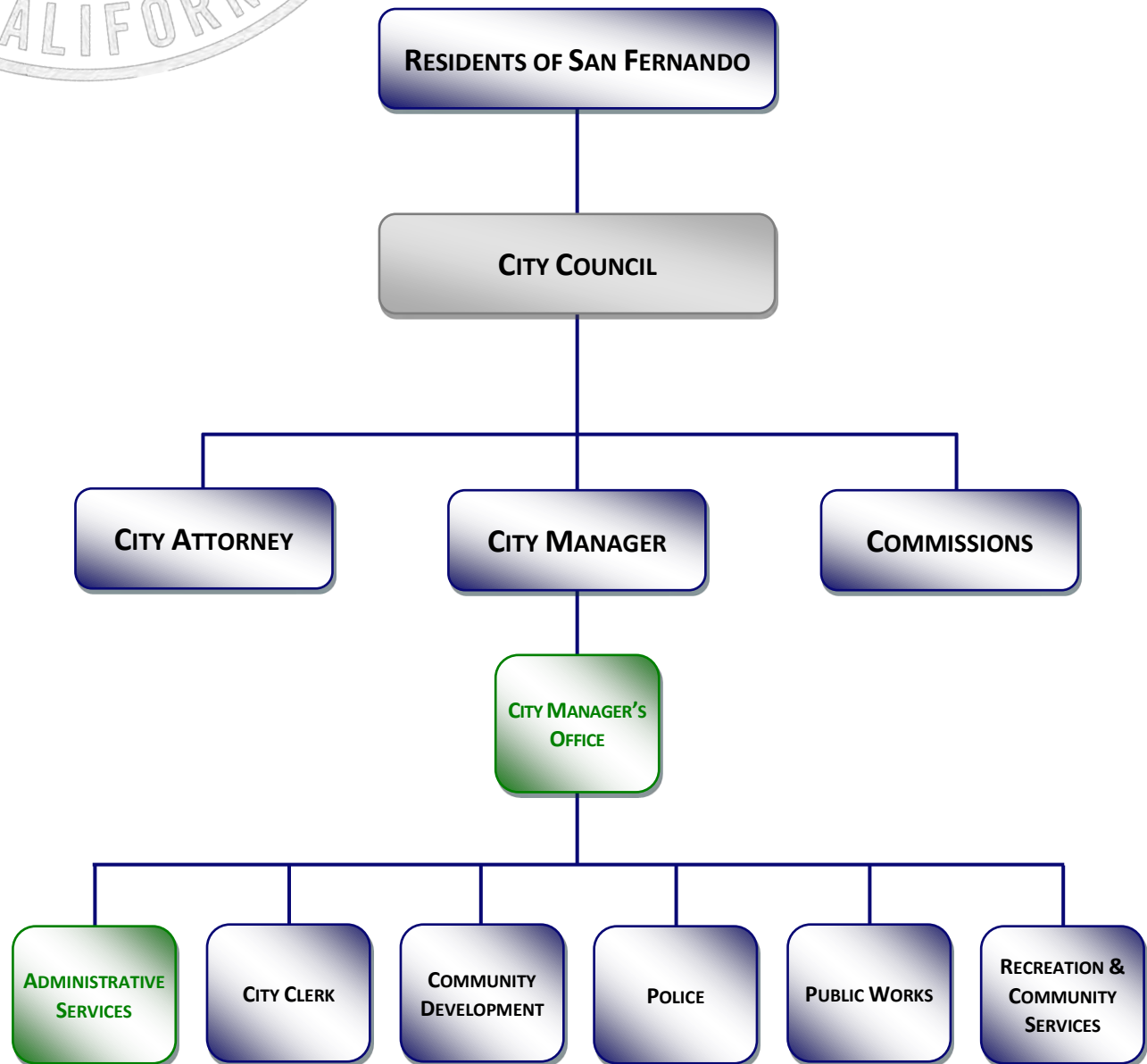
JULIO SALCEDO



THE CITY OF SAN FERNANDO

ORGANIZATIONAL CHART

FISCAL YEAR 2024-2025



PROPOSED

ELECTED
OFFICIAL



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**City of San Fernando
California**

For the Fiscal Year Beginning

July 01, 2023

Christopher P. Morill

Executive Director



Table of Contents

Section I – Introduction and Background

Budget Message	12
Enhancement Request Summary	23
Budget Calendar	28
Citywide Strategic Goals	29

Section II – Budget Overview

Fund Balance Summary – All Funds	44
Revenue, Expenditure, Other Sources/Uses Summary by Type – All Funds	46
Revenue History – All Funds	47
Expenditure History – All Funds	49
Expenditure by Type – All Funds	51
Transfer Summary – All Funds	53
Citywide Position Summary by Department	54

Section III – General Fund Overview

General Fund - Year Forecast	60
Revenue Analysis – General Fund	61
Revenue Summary, by Source	62
Revenue Detail	63
Expenditure History, by Division	66
Expenditure Summary, by Type	68

Section IV – Department Budgets (General, Enterprise and Internal Service Funds)

City Manager’s Office Department	72
City Council	79
City Manager’s Office	81
Economic Development	83



FISCAL YEAR 2024-2025 PROPOSED BUDGET

Legal Services (City Attorney)	85
Fire Services (Contract)	87
City Clerk's Department	90
City Clerk	96
Elections	98
Administrative Services Department	100
Finance	108
Human Resources/Risk Management.....	110
Information Technology.....	112
Retirement Costs	114
Non-Departmental	116
Legal Services (Labor Attorney)	119
Internal Service Fund: Self-Insurance	122
Community Development Department	126
Building & Safety	136
Planning/Administration	138
Community Preservation	140
Housing	142
Police Department	144
Support Services	153
Emergency Services	155
Detectives	159
Patrol.....	160
Reserves/Explorers	161
Community Services Program.....	162



FISCAL YEAR 2024-2025 PROPOSED BUDGET

Public Works Department.....	164
Engineering & Administration.....	172
Street Maintenance	174
Street, Trees & Parkways	178
Traffic Signals/Lighting	180
Public Works Department – Internal Service and Enterprise Funds.....	183
Equipment/Vehicle Maintenance (ISF)	185
Facilities Management (ISF).....	189
Water Fund – Summary of Revenues and Appropriations	192
Water Retirement/Attorney	193
Water Administration	196
Utility Billing.....	198
Water Distribution	200
Water Production	202
Water Capital Projects	204
Sewer Fund – Summary of Revenues and Appropriations	206
Sewer Maintenance	207
Sewer Capital Projects	210
Refuse Fund – Summary of Revenues and Appropriations	212
Refuse	213
Compressed Natural Gas (CNG) Fund – Summary of Revenues and Appropriations.....	215
CNG Station.....	216
Recreation and Community Services Department	218
Recreation Administration.....	227
Community Services.....	229
Recreation (Facility Operations & Playgrounds).....	231
Cultural Arts and Special Events	233



Section V – Special Revenue, Capital, and Grant Funds

Special Revenue, Capital, and Grant Funds	238
Supplemental Law Enforcement Funds (SLESF)	239
Proposition A.....	241
Proposition C.....	243
Proposition C - Discretionary	245
Capital Grants.....	247
State Gas Tax.....	252
Measure R	254
Traffic Safety	256
Cash in Lieu of Parking	258
Local Transportation	260
Air Quality Management District	262
Self-Sustaining Recreational Activities.....	264
Retirement Tax.....	267
Quimby Act Fees	270
Asset Seizure - State.....	272
Asset Seizure - Federal	274
Surface Transportation Program – Local (STPL)	276
Measure W.....	278
Measure M.....	280
Road Maintenance & Rehabilitation Act Fund (SB)	282
Community Development Block Grant (CDBG).....	284
Street Lighting	287
Measure H.....	289
Parking Maintenance & Operations.....	291
Mall Maintenance Operations	294
Capital Outlay.....	296
Pavement Management	298
Community Investment	300
Community Development Surcharge Fund.....	302



Low/Moderate Income Housing	304
Safety Realignment (AB 109)	306
California Arts Council.....	308
National Endowment for the Arts.....	310
Operating Grant	312
COPS Grant.....	318
American Rescue Plan Act.....	321

Section VI – Capital Improvement Programs

Capital Improvement Program	326
-----------------------------------	-----



SECTION I. INTRODUCTION AND BACKGROUND



MEMORANDUM

To: Mayor Celeste T. Rodriguez and Councilmembers

From: Nick Kimball, City Manager

Date: May 6, 2024

Subject: Fiscal Year 2024-2025 Proposed Budget Message

I am pleased to present the City Manager's Proposed Budget for fiscal year (FY) 2024-2025 in accordance with Section 2-121(7) of the San Fernando City Code¹. The theme of the FY 2024-2025 City Manager's Proposed Budget is *"Return to the Essentials: Prioritizing Core Values and Enhancing Quality."*

At this time last year, the City had a number of vacancies in key leadership positions, including the Director of Public Works, Director of Community Development, Water Operations Manager, and the impending retirements of the Director of Recreation and Community Services and Personnel Manager. There were also vacancies in critical field positions such as Community Preservation Officers, Public Works Maintenance Workers (full and part-time), and Police Officers. In total, the City hired more than 16 full-time employees in FY 2023-2024, which represents just under 15% of the total authorized positions.

During the budget process last year, staff asked City Council to "let the dust settle" to allow time to fill these vacant positions and catch up on a number of long-term capital projects. While there are still some vacancies, which is natural in any given year, for the first time in many years, all of the City's leadership positions have been filled with very qualified staff. Staff was also able to address a number of capital projects, including completing construction on Phase 2 of the Slurry Seal Project, Recreation Park Infiltration System, Glenoaks Bridge Safety Fencing Project, Layne Park Renovation project, and Well 3 Treatment System. The City also made significant progress on the Pacoima Wash Bike Path and Upper Reservoir Replacement.

With sixty (60) new City staff members since 2020, almost half of the current employees have been with the City for less than four (4) years. Although that represents a loss in many, many years of experience and historical knowledge, it also provides a unique opportunity to instill new organizational values. Due to significant financial challenges following the Great Recession, City leadership at the time had to make difficult decisions to adjust expenditures and reduce staff to avoid even more significant austerity measures. As a result, the "San Fernando Way" became synonymous with doing more with less as staff only had the time and resources to apply

¹ Division 2. City Manager; Section 121. – Powers and Duties; (7) Prepare and submit the proposed annual budget and the proposed annual salary plan to the city council for its approval.

Nick Kimball, CITY MANAGER

Proposed Fiscal Year 2024-2025 Budget Message

temporary Band-Aids before moving on to the next fire. Out of necessity, San Fernando became a very reactive organization.

To begin the process of setting the vision for redefining the “San Fernando Way,” the focus of the annual Executive Retreat in October 2023 was creating a universal shared set of organizations values and developing staff to meet enhanced service expectations. Executive Management developed a set of Core Values during the Retreat that will become guiding principles for all San Fernando staff and re-set the standard of work as we move into a period of thriving.

These Core Values – Excellent Customer Service, Pride in Quality of Work, Embrace Diversity of Services, and Prioritize Stewardship of the City – will form the foundation to set City staff on the right path to meet City Council’s expectation and address resident’s needs. The new “San Fernando Way” means that we do things the right way, take pride in our work, and provide the best customer experience for our community. It is through the lens of transitioning from a reactive organization to a proactive organization that the work plans and budget requests in this Proposed Budget are put forward.

Community Engagement:

As part of the City’s enhanced outreach efforts through the City Council adopted Community Engagement Framework, the following opportunities were provided to Consult the public and receive feedback to help inform the City’s decisions regarding the budget:

Public Meetings:

- Two (2) Transaction Tax (i.e. Measure A/SF) Town Hall meetings on September 25, 2023 and March 25, 2024.
- City Council priority setting workshop on February 13, 2024.
- Mid-year Budget Item on March 18, 2024.
- Budget Town Hall meeting on May 8, 2024.

Request for Feedback:

- Community survey completed by 236 users of City services in March/April 2024.
- Presentations to City Commissions:
 - a) Planning and Preservation – April 8, 2024
 - b) Parks, Wellness and Recreation – April 11, 2024
 - c) Transportation and Public Safety – April 4, 2024
 - d) Education – April 30, 2024

Nick Kimball, CITY MANAGER

Proposed Fiscal Year 2024-2025 Budget Message

Notification of Opportunities to Participate:

- City Website.
- City Manager's Newsletter.
- Social Media posts and email distributions.

Budget Development

The FY 2024-2025 City Manager's Proposed Budget provides financial resources to move the City organization forward, achieve the objectives set out through the *Strategic Goals 2022-2026*, and address the primary challenges identified during the City Council Strategic Goals Study Session in February 2024. The base operating budget, referred to as the Sustainable and Resilient Effort (SRE) Budget, includes the full salary and benefit cost for all City Council approved positions (including salary adjustments required per the various MOUs) as well as the related operations and maintenance (O&M) resources to provide those personnel with training, professional development, office supplies, office equipment, and contract services necessary to execute their base work plan. The base SRE O&M budget was the same as the FY 2023-2024 base budget with all prior year one-time enhancements removed from the base O&M budget.

After providing departments with their base SRE budget, internal budget meetings were scheduled with the City Manager, Director of Finance, and each respective Department staff. During the budget meetings, staff reviewed FY 2023-2024 Accomplishments, status of FY 2023-2024 approved enhancements, proposed FY 2024-2025 Work Plan objectives, and performance measures. The Department then presented their enhancement requests with justification for each. All Accomplishments, Objectives, and Enhancements are expected to address at least one Strategic Goal and move City services forward.

Just under \$3.0 million in enhancement requests were submitted by Departments, with a total of \$925,220 recommended in the Proposed Budget (\$424,320 in one-time and \$500,900 in on-going enhancements).

More detailed information on approved enhancements is included in the "Recommended Enhancements" section of this Budget Message.

Economic Outlook

To develop the Proposed Budget, it is important to understand the projected direction of the economy. Having moved beyond the unique economic impacts of the COVID-19 pandemic and the high-inflation environment of 2022 and 2023, the large, systemic challenges that Los Angeles County faced prior to 2020, from high housing costs to strained transportation infrastructure to a slowing (now declining) population, are reemerging to as economic stressors in 2024 and beyond.

The following analysis of the federal, state and local economic outlooks provide context for the City's revenue projections.

Nick Kimball, CITY MANAGER

Proposed Fiscal Year 2024-2025 Budget Message

Federal Economic Outlook²

The U.S. economy demonstrated remarkable resilience in 2023 in the face of persistent headwinds, namely from the Federal Reserve. The Federal Reserve raised the federal funds rate four times during the year, on top of seven increases in 2022, to a target range of 5.25% to 5.50%, to slow the economy and tamp down inflation. While inflation did moderate, the economy showed few signs of slowing as hiring continued briskly throughout the year.

The national Gross Domestic Product (GDP), which is a measure of total economic output, grew at 2.4% in 2023, which was stronger growth than in 2022 (1.9%) and on par with pre-pandemic levels (2.5% in 2019). However, heading into 2024 and 2025, many economists expect that the national economy will be unable to maintain this level of performance and anticipate a more muted period of economic growth with real GDP growing at 1.7% and 1.4%, respectively.

The unemployment rate held steady in 2023 at 3.6%, which was the same rate as in 2022 and a slight improvement over the 3.7% rate in 2019. However, the pace of hiring is expected to decline over the next two years and unemployment is anticipated to tick upwards to 3.9% in 2024 and 4.3% in 2025 due to

There are several reasons to expect national economic growth to slow over the next two years. Although inflation has come down significantly since the Federal Reserve initiated its rate hikes (year-over-year inflation stood at 3.4% in December 2023), their target inflation rate is around 2.0%, so it has not yet met its goal. The high-interest rates keep borrowing costs high for credit cards, bank loans and home mortgages, and, while inflation has moderated, the cumulative impact of nearly two years of high inflation means that we now live in an environment of higher prices. Consumer Price Index (CPI) data shows that, compared to pre-pandemic levels, all goods and services are now more than 19% higher; with food prices 25.1% higher, shelter prices 20.6% higher, and energy 28.0% higher. Strong consumer spending has been a major factor behind the robust economic performance of late, but the current pace of consumer spending is likely to diminish over the next few years.

In summary, taken together, the signs point to a slowing national economy in 2024 and 2025. The Federal Reserve has been working diligently to engineer a “soft landing” after the sustained economic shock of the pandemic. Although most economists are not expecting a recession in the next two years, it also cannot be ruled out.

² The information in this section has been taken from 2024 LAEDC Economic Forecast, Addressing Lingerin Challenges and Positioning for Opportunity; <https://laedc.org/wp-content/uploads/2024/02/LAEDC-2024-Economic-Forecast-02242024-1.pdf> visited 5/6/2024

Nick Kimball, CITY MANAGER

Proposed Fiscal Year 2024-2025 Budget Message

California Economic Outlook³

In 2023, California experienced slower economic growth compared to the national average, and projections suggest a further slowdown in Gross State Product (GSP) growth, which is a measure of economic output similar to GDP. While job creation in 2023 was positive, especially in sectors such as health, education, hospitality, and professional & business services, the growth rate is expected to decrease in the upcoming years. Certain industries, including manufacturing, are anticipated to see declines as jobs move to lower paying states.

Despite the State's unemployment rate having previously returned to pre-pandemic levels, it is now on the rise again and reached 5.1% in December 2023. The State budget is struggling with substantial deficits, primarily attributed to economic slowdown and the volatility and uncertainty of tax revenues. Moreover, California continues to face the challenge of population decline. Factors such as housing affordability, high cost of living, and substantial tax burdens have contributed to the exodus of residents. While there has been a slight improvement in the downward trend in population over the past year, the decline across most of the largest counties in the state still poses economic challenges.

On a positive note, the Federal Reserve has signaled potential interest rate cuts throughout 2024, which may benefit California by stimulating the real estate market, increasing consumer spending, and fostering economic growth in the other sectors of the State.

Despite economic challenges, California continues to be one of the largest and most diverse economies in the world. However, the high cost of housing, inflation, Federal Reserve fiscal policy, and population migration out of California represent continuing threats to the California economy and require long-term policy solutions to create the environment for more robust and sustainable growth. Continued stagnation in jobs and loss in population is expected to temper economic growth in 2024 and 2025.

San Fernando Economic Outlook

The resiliency of San Fernando's local economy was made clear throughout the COVID-19 pandemic. Many of the City's large employers are essential manufacturing and service business such as LAUSD, Pharmavite, Pepsi, Home Depot, Puretek Corp, and Vallarta. The City also has a burgeoning small business environment, which is the lifeblood of the City's unique character and charm. The monthly San Fernando Outdoor Market has grown to be one of the largest outdoor markets in the San Fernando Valley that attracts niche vendors, artisans, and thousands of customers from the entire northeast San Fernando Valley and beyond.

To support small businesses, the City Council created the Business and Community Resource Center (BCRC) located at City Hall to connect business owners with resources to start and grow

³ The information in this section has been taken from 2024 LAEDC Economic Forecast, Addressing Lingering Challenges and Positioning for Opportunity; <https://laedc.org/wp-content/uploads/2024/02/LAEDC-2024-Economic-Forecast-02242024-1.pdf> visited 5/6/2024

Nick Kimball, CITY MANAGER

Proposed Fiscal Year 2024-2025 Budget Message

their business through partnerships with the Valley Economic Alliance, ICON CDC, Small Business Administration, and free educational series.

The new Target on Foothill Blvd opened in Spring 2024, which provides hundreds of local jobs and is expected to add a significant amount of sales tax to the City's General Fund. Additionally, American Fruits and Flavors, which manufactures Monster Energy Drinks, is expected to complete construction of a 165,000 square foot manufacturing facility in Fall 2024. When fully operational, the new facility will be home to more than 300 jobs.

The City has also kicked off efforts to develop a Downtown Master Plan. Development of this Plan includes a significant amount of public outreach to develop a long-term vision for the City's downtown and Maclay commercial corridors. These efforts are critical to create a blueprint for long-term development efforts.

San Fernando's local economy and customer base proved to be resilient throughout the pandemic. The City has a solid base of retail, manufacturing, personal service, and restaurant businesses that provide sales and business taxes that have consistently grown over the past 10 years. With affordable lease rates, easy access to major transit routes (i.e. Interstate 5, 210 Freeway, and the 118 Freeway) and access to regional transit from the Sylmar Metrolink Station, the local economy is expected to remain stable over the next fiscal year.

General Fund Overview

The City is entering FY 2024-2025 in a strong financial position with the resources to continue implementing the *Strategic Goals 2022-2026* and address the challenges identified in the City Council Strategic Goals Study Session. In accordance with the City's Budget Policy, the Proposed General Fund Budget represents a balanced budget. In fact, with \$28,055,808 in projected revenues and \$27,654,279 in proposed expenditures, there is a budget surplus of \$401,529.

Recommended Enhancements

Continuing with the theme of *Prioritizing Core Values and Enhancing Quality*, City Departments were asked to submit enhancement requests that focused on: 1) moving the City organization forward by leveraging technological efficiency, developing staff skills to provide quality service, and creating succession opportunities; 2) addressing the primary community challenges identified by City Council during the Strategic Goals Study Session in February 2024; and 3) achieving the objectives set out through the *Strategic Goals 2022-2026*.

Just under \$3.0 million in enhancement requests were submitted by Departments, with a total of \$925,220 recommended in the Proposed Budget (\$424,320 in one-time and \$500,900 in on-going enhancements).⁴

⁴ A detailed breakdown of enhancement requests is included in the Proposed Budget after the City Manager's Report.

Nick Kimball, CITY MANAGER

Proposed Fiscal Year 2024-2025 Budget Message

In accordance with the afore mention guidelines and objectives, the following enhancements are being recommended for FY 2024-2025 and have been included in the Proposed Budget:

Community

- a. *Community Events*. Additional funding is recommended to support the increased number of size of community events, including, but not limited to, enhanced 4th of July event, City Birthday event, stand-alone Dia de los Muertos event, summer movies/concerts in the parks, and Mission City Baseball Opening Day event. (Ongoing: \$50,000)
- b. *Outreach and Marketing*. Additional funding is recommended to support additional outreach and community engagement efforts, including, but not limited to, kiosks at City Hall and Park facilities to allow customers to access BCRC and permit services, additional post card mailings, and San Fernando branded items to provide at community events. (Ongoing: \$6,500; One-time: \$2,000)

Building a Better San Fernando (Beautification and Quality of Life Improvements)

- c. *Beautification - Graffiti*. Additional funding is recommended to covert two (2) vacant part-time Graffiti Maintenance Helpers to one (1) full-time Graffiti Maintenance Worker to increase the City's ability to address graffiti. (Ongoing: \$40,000)
- d. *Beautification - Trees*. Additional funding is recommended to covert two (2) vacant part-time Maintenance Helpers to one (1) full-time Maintenance Worker to work alongside the City's Tree Care Specialist to implement the City's adopted Urban Forest Management Plan. (Ongoing: \$40,000)
- e. *Beautification - Signage*. Additional funding is recommended to purchase and install new street signs along the City's major commercial corridors and begin replacement of residential parking signs to enhance the ability to provide parking enforcement. (One-time: \$37,500)
- f. *Quality of Life – Facility Improvement*. Additional funding is recommended to purchase an ice machine at Recreation Park to provide enhanced services at the Recreation Park for events and programs. This will also enhance the ability to rent space at the facility. (One-time: \$2,500)

Public Safety

- g. *Leverage Technology*. Additional funding is recommended to increase SFPD Officer's ability to quickly and efficiently generate traffic and parking tickets to address one of the challenges

Nick Kimball, CITY MANAGER

Proposed Fiscal Year 2024-2025 Budget Message

identified by City Council during the Strategic Goals Study Session. (Ongoing: \$34,000; One-time: \$7,320)

- h. *Succession Opportunities.* Additional funding is recommended to create a Police Corporal Program that will serve as a development opportunity for Officers to learn the skills necessary to be an effective Supervisor/Sergeant. (Ongoing: \$40,000)
- i. *Operating Costs.* Additional funding is recommended for continuing recruitment related expenses to fill remaining Officer vacancies, as well as additional ammunition and less lethal supply costs to ensure that Officers are able to adequately train and maintain their perishable skills at a high level. (One-time: \$25,000)

Economic Development

- j. *Long-term Planning and Succession Opportunities.* Additional funding is recommended to add a new position, Deputy Director of Community Development/Planning, to process development projects in a timely manner, manage large scale community planning efforts, including, but not limited to, General Plan, Specific Plan, Environment Justice, Zoning Code, and Housing Element updates. This position will also provide a management position in Community Development Department and support enhanced day-to-day oversight of the Planning, Community Preservation, and Building Divisions. (One-time: \$211,400)
- k. *Building Safety Services.* Additional funding is recommended for contract Building Official services to facilitate commercial and residential development and ensure new construction is complying with the City's building and safety codes. (One-time: \$100,000)

Stewardship and Staff Development

- l. *Financial Stewardship.* Additional funding is recommended to protect the City's network and financial data and replace the end-of-life Financial/Human Resources Management System. (Ongoing: \$65,000; One-time: \$125,000)
- m. *Legal Stewardship.* Additional funding is recommended for legal compliance to mitigate the risk of legal challenges and promote citizen engagement. This includes funding to update the City's Document and Records Retention Schedule and the 2024 General Municipal Election (One-time: \$68,500)
- n. *Staff Development.* Additional funding is recommended to provide tuition reimbursement per adopted MOUs, increase professional development opportunities for staff, and provide additional training for SFPD officers. (Ongoing: \$14,000; One-time: \$56,500)

Nick Kimball, CITY MANAGER
Proposed Fiscal Year 2024-2025 Budget Message

Measure A and Measure SF

In June 2013, San Fernando voters approved a 0.50% local transaction use tax (Measure A) for a period of seven years. In November 2018, voters approved to extend the tax indefinitely, which will provide financial stability to the City in the foreseeable future. In November 2020, San Fernando voters approved an additional 0.25% local transaction use tax (Measure SF), for a total local transaction use tax of 0.75%. This effort was critical to keep sales tax local and avoid other taxing entities from passing a transaction tax that would otherwise be imposed on San Fernando customers, but spent regionally rather than locally.

Funds raised through these transaction taxes (cumulatively 0.75%) are imperative to the City's long-term financial stability and will continue be used to pay off existing debt, strengthen rainy day fund reserves, enhance services to the community and provide the financial resources necessary to implement the City's *Strategic Goals 2022-2026*.

For FY 2024-2025, Measure A/SF funds are proposed to be used for the following:

<i>Repayment of Debt</i>		<i>Ongoing Enhancements/Investments</i>	
Repay Retirement Fund	176,333	New Position: Deputy CD Director/Planning Manager	211,400
	176,333	Post Card Mailing Residential Properties - Citywide	3,500
<i>Establish Reserves</i>		IT Managed Services Provider (MSP) Replacement	25,000
General Fund Reserve	401,529	Financial System Replacement (Annual Subscription)	40,000
Self Insurance Fund Reserve	35,105	HR Staff Professional Education & Conferences	5,000
Facility Maintenance Fund Reserve	98,667	Reclass Personnel Office Clerk to PT Admin Asst.	5,000
Equipment Replace Fund Reserve	100,000	4x Handheld Ticket Writer	30,000
Pre-fund OPEB	500,000	Position Reclass: Police Corporal Program (5)	40,000
Appropriated Reserve (for unexpected costs)	75,000	E-Subpoena (year 1)	4,000
	1,210,301	Citywide Special Events	50,000
<i>One-Time Enhancements</i>		CPRS Membership & Conference (2-RCS Staff Members)	3,000
Marketing Materials (e.g. Banner, Podium & PA System, etc.)	2,000	BCRC Operations and Programs Supplies	3,000
Update Records Retention & Management Schedule	8,500	Las Palmas Staff Professional Development	1,000
Elections Expenses - LA County	60,000	Position Reclass: 2-PT Maint. Workers to 1-FT (Graffiti)	40,000
Contract Services: Deputy Building Official/Inspector	100,000	Position Reclass: 2-PT Maint. Workers to 1-FT (Trees)	40,000
Financial System Replacement (Implementation)	100,000		500,900
Citywide PC Replacement Program (Year 2)	25,000	<i>Prior-Year Approved Ongoing Enhancements</i>	
Tuition Reimbursement	4,500		2,803,146
E-Subpoena (year 1)	7,320	Total Measure A/SF Uses	
Background Investigations (10)	15,000		5,115,000
POST Training for New Officers	20,000		
Ammunition Cost Increase	10,000		
Tuition Reimbursement	32,000		
Ice machine for Recreation Park	2,500		
Citywide Signage Updates (e.g. Parking, Sweeping, etc.)	37,500		
	424,320		

Capital Improvements

The FY 2024-2025 budget includes funding for a number of critical capital improvements to address the backlog of deferred maintenance, particularly street resurfacing, sidewalk repair, sewer system improvements and water system improvements. Funding for capital improvements is provided primarily through Special Revenue, Grant, Capital Funds, and Enterprise Funds.

Nick Kimball, CITY MANAGER

Proposed Fiscal Year 2024-2025 Budget Message

Category	Carryover from Prior Years	FY2024/2025 Proposed	Total Appropriation	Funding Sources
Street & Sidewalk Improvements	\$11,165,393	\$1,618,734	\$12,784,127	ARPA, Capital Outlay Fund, Measure M, Measure R, Parking & Maintenance Operations Fund, Pavement Management Fund, Prop C, SB1, State Gas Tax, STP-L, TDA and Grant Funds
Transportation & Safety Improvements	15,783,890	-	15,783,890	Prop C, CMAQ, Measure R, Measure M, State Allocation, Street Lighting Fund, HSIP and Grant Funds
Water System Improvements	7,702,901	200,000	7,902,901	State Budget Allocation, DWR Grant, Water Fund
Sewer Improvements	-	1,495,000	1,495,000	Sewer Fund
	\$34,652,184	\$3,313,734	\$37,965,918	

Capital Improvement Projects are further the outlined in Section VI – Capital Improvement Program and will be presented and discussed in more detail during the Budget Study sessions.

Conclusion

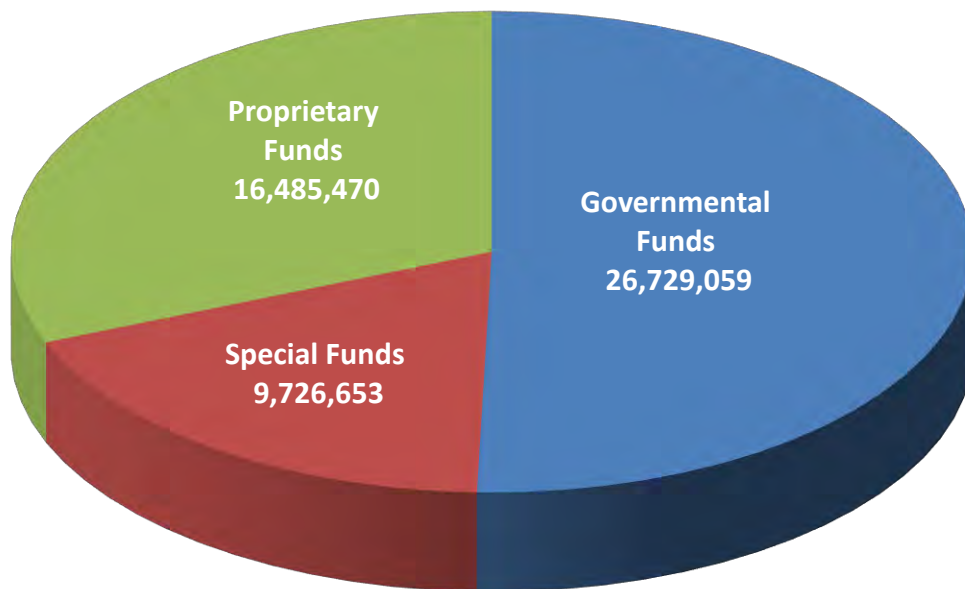
The emphasis of the FY 2024-2025 City Manager’s Proposed Budget is to *Return to the Essentials: Prioritizing Core Values and Enhancing Quality* and provide the resources to transition the organization from a reactive to a proactive mindset, address the primary community challenges identified by City Council during the Strategic Goals Study Session in February 2024, and achieve the objectives set out through the *Strategic Goals 2022-2026*.

Acknowledgments

I would like to acknowledge the guidance of the City Council, the dedication of Finance Department staff, the City’s management team, and City staff that ensure the community receives the highest level of service each and every day. I would also like to provide special acknowledgement to Director of Finance Erica Melton who has worked tirelessly to put together this Proposed Budget. Without her dedication and ability to effectively communicate with internal and external stakeholders, this Proposed Budget would not have been possible.

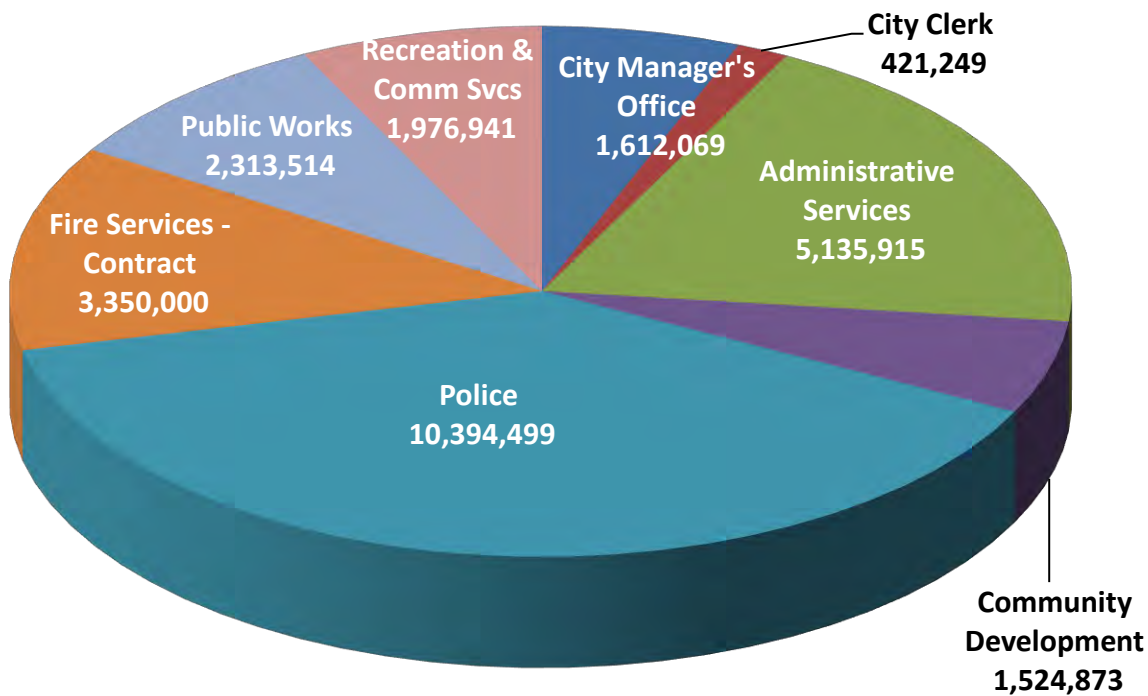


CITYWIDE EXPENDITURES



Total Budget:
\$52,941,182

GENERAL FUND EXPENDITURES



Total Budget:
\$26,729,059

CITY OF SAN FERNANDO
SUMMARY OF ENHANCEMENT REQUESTS
FISCAL YEAR 2024-2025

		DEPT REQ	CITY MANAGER RECOMMENDED			
DEPT	DESCRIPTION	AMOUNT	ONGOING	ONE-TIME	NOT RECOMMENDED	NOTES
GENERAL FUND						
City Manager's Office	BCRC Self-Help Kiosk	1,000	-	-	1,000	Included in Marketing Supplies Enhancement
City Manager's Office	Marketing Materials (<i>e.g. Pop-up banner, Portable Podium & PA System, Branded Giveaways, Table Cloths, etc.</i>)	1,000	-	2,000	(1,000)	Includes Kiosk - community engagement framework
City Manager's Office	New Work Stations in CMO	3,500	-	-	3,500	Future Year Consideration
City Manager's Office	Upgrade Technology in Community Room and Conference Rooms A and C	3,000	-	-	3,000	Utilize existing budget (<i>e.g. departmental supplies, etc.</i>)
City Manager's Office	New Position: Administrative Assistant for Economic Development/BCRC	100,000	-	-	100,000	Future Year Consideration
City Clerk	Update the 2001 Records Retention and Management Schedule	8,500	-	8,500	-	For legal compliance purposes
City Clerk	Annual Ongoing Subscription to Maintain Updated Records Retention and Management Schedule	450	-	-	450	Not needed for FY2024/25; to be included in FY 2025/26 Budget
City Clerk	Elections Expenses - LA County	60,000	-	60,000	-	Regular consolidated election
Community Development	New Position: Deputy CD Director/Planning Manager	211,400	211,400	-	-	To assist with department succession planning
Community Development	Contract Services: Deputy Building Official/Inspector	116,304	-	100,000	16,304	Includes Supplemental Community Development Services (<i>e.g. building, planning, etc.</i>)
Community Development	Contract Services: Mixed Use Overlay & Objective Design Standards	150,000	-	-	150,000	Extension being requested due to SCAG and REAP Grant Funds On-hold
Community Development	Contract Services: ADU Ord Update/Prototypes/Program	80,000	-	-	80,000	Includes Supplemental Community Development Services Enhancement
Community Development	Contract Services: Residential Landscape Ordinance	45,000	-	-	45,000	Includes Supplemental Community Development Services Enhancement
Community Development	Post Card Mailing Residential Properties- Citywide	3,463	3,500	-	(37)	To support beautification program/community engagement framework
Community Development	Special Assignment Pay for Lead Community Preservation Officer (5%)	4,000	-	-	4,000	To be reviewed through SFPICA negotiations
Community Development	New Vehicle - Hybrid Corolla	25,935	-	-	25,935	To be reviewed as part of Fleet Analysis
Administrative Services	IT Managed Services Provider (MSP) Replacement	25,000	25,000	-	-	Replacement required due to system retirement
Administrative Services	Financial System Replacement (<i>Implementation</i>)	150,000	-	100,000	50,000	Replacement required due to system retirement

CITY OF SAN FERNANDO
SUMMARY OF ENHANCEMENT REQUESTS
FISCAL YEAR 2024-2025

		DEPT REQ	CITY MANAGER RECOMMENDED			
DEPT	DESCRIPTION	AMOUNT	ONGOING	ONE-TIME	NOT RECOMMENDED	NOTES
Administrative Services	Financial System Replacement <i>(Annual Subscription)</i>	90,000	40,000	-	50,000	Replacement required due to system retirement
Administrative Services	Citywide PC Replacement Program (Year 2)	35,000	-	25,000	10,000	To complete Citywide hardware replacement for technology updates
Administrative Services	City Applicant Tracking Software (NEO-GOV)	12,100	-	-	12,100	Continue advertising jobs through current NEO-GOV subscription & create fillable application in new website
Administrative Services	HR Professional Development <i>(e.g. HR Staff Certification, Citywide Harassment Training, Citywide CPR Training, etc.)</i>	9,250	-	-	9,250	Utilize existing budget <i>(e.g. professional/contractual services)</i>
Administrative Services	Tuition Reimbursement	4,500	-	4,500	-	Staffing development pending proper form submittal
Administrative Services	Professional Development - IT Certification	3,750	-	-	3,750	Utilize existing budget <i>(e.g. professional/contractual services)</i>
Administrative Services	HR Staff to attend continuing professional education and conferences	7,500	5,000	-	2,500	Staffing development pending proper form submittal
Administrative Services	Additional cost for pre-employment medicals and DOJ	2,000	-	-	2,000	Utilize existing budget <i>(e.g. professional/contractual services)</i>
Administrative Services	Finance Manager Position Reclassification	15,000	-	-	15,000	Future Year Consideration. Continue succession planning discussion.
Administrative Services	Reclass Personnel Office Clerk to PT Admin Asst.	5,000	5,000	-	-	To assist with department succession planning
Administrative Services	Additional office supplies	1,200	-	-	1,200	Utilize existing budget <i>(e.g. departmental supplies, advertising, etc.)</i>
Administrative Services	M365 Commercial to Government Migration - Licensing	120,968	-	-	120,968	Future Year Consideration for Phased IT Upgrade approach
Administrative Services	M365 Commercial to Government Migration - Professional Services	56,080	-	-	56,080	Future Year Consideration for Phased IT Upgrade approach
Administrative Services	M365 Commercial to Government Migration - Backups	3,923	-	-	3,923	Future Year Consideration for Phased IT Upgrade approach
Administrative Services	Position Reclassification: Personnel Tech to Human Resources Tech II	4,642	-	-	4,642	Approve Position Title Change Only
Administrative Services	Position Reclassification: Personnel Assistant to Human Resources Assistant	6,714	-	-	6,714	Approve Position Title Change Only
Administrative Services	New Position: Management Analyst for Risk Management	149,000	-	-	149,000	Future Year Consideration. Continue succession planning discussion.
Administrative Services	Desktop scanners and printer for staff	1,000	-	-	1,000	Utilize existing budget <i>(e.g. departmental supplies)</i>

CITY OF SAN FERNANDO
SUMMARY OF ENHANCEMENT REQUESTS
FISCAL YEAR 2024-2025

		DEPT REQ	CITY MANAGER RECOMMENDED			
DEPT	DESCRIPTION	AMOUNT	ONGOING	ONE-TIME	NOT RECOMMENDED	NOTES
Police Department	New Position: Police Records Specialist	120,000	-	-	120,000	Future Year Consideration. Consider leveraging technology solutions initially.
Police Department	4x Handheld Ticket Writer	30,000	30,000	-	-	Leveraging technology to increase efficiency and may generate additional revenue
Police Department	Position Reclassification: Police Corporal Program (5)	40,000	40,000	-	-	To assist with department succession planning
Police Department	Electric Traffic Enforcement Vehicle & Outfitting	100,000	-	-	100,000	To be reviewed as part of Fleet Analysis
Police Department	E-Subpoena (year 1)	11,320	4,000	7,320	-	Leverage technology to increase efficiency
Police Department	Background Investigations (10)	15,000	-	15,000	-	One-time for increased recruitment efforts (<i>e.g. investigations, polygraph, psych, uniforms</i>)
Police Department	Polygraphs (10)	2,500	-	-	2,500	See increased background appropriation
Police Department	Psychological Evaluations (10)	4,500	-	-	4,500	See increased background appropriation
Police Department	Uniforms of New Officers	7,000	-	-	7,000	See increased background appropriation
Police Department	POST Training for New Officers	20,000	-	20,000	-	One-time for increased recruitment efforts
Police Department	POST ICI Training for New Detectives	2,800	-	-	2,800	See increased training appropriation
Police Department	Ammunition Cost Increase	15,000	-	10,000	5,000	Includes all ammunition and supplies
Police Department	40mm Less Lethal Launcher (2)	4,000	-	-	4,000	See ammunition/supplies enhancement
Police Department	Promotional Materials	2,000	-	-	2,000	Utilize existing budget (<i>e.g. departmental supplies</i>)
Police Department	Office Furniture/Cubicle Replacement	60,000	-	-	60,000	Review Facility Assessment for Citywide priority ranking and future consideration
Police Department	Facility Upgrade/Paint Refresh	30,000	-	-	30,000	Review Facility Assessment for Citywide priority ranking and future consideration
Police Department	Scheduling Software	5,600	-	-	5,600	Pending Financial System implementation
Police Department	Tuition Reimbursement	32,000	-	32,000	-	Staffing development pending proper form submittal

CITY OF SAN FERNANDO
SUMMARY OF ENHANCEMENT REQUESTS
FISCAL YEAR 2024-2025

		DEPT REQ	CITY MANAGER RECOMMENDED			
DEPT	DESCRIPTION	AMOUNT	ONGOING	ONE-TIME	NOT RECOMMENDED	NOTES
Police Department	Overtime	57,000	-	-	57,000	Future consideration after full-staffing is achieved
Recreation & Comm. Svcs.	Position Reclassification: 1-PT Clerk to 1-FT Clerk @ Rec Park	60,000	-	-	60,000	Use existing staff resources (<i>e.g. Management Intern, etc.</i>)
Recreation & Comm. Svcs.	New Position: Create Afterschool Teen Program @ Rec Park (1 - Recreation Leader II and 2- Recreation Leaders I)	54,750	-	-	54,750	Discuss with City Council during Budget Study Sessions
Recreation & Comm. Svcs.	Create new Afterschool Teen Program at Recreation Park (materials and supplies)	8,000	-	-	8,000	Discuss with City Council during Budget Study Sessions
Recreation & Comm. Svcs.	Fully fund All Citywide Special Events	86,320	50,000	-	36,320	Overall event costs currently \$169,782. Review for base costs with fundraising to assist covering additional needs.
Recreation & Comm. Svcs.	Addition of a Workstation at Las Palmas for Part-time use	1,500	-	-	1,500	Repurpose existing resources and review need through PC Replacement Program
Recreation & Comm. Svcs.	CPRS Membership & Conference (2-RCS Staff Members)	3,210	3,000	-	210	To support professional development
Recreation & Comm. Svcs.	BCRC operations and programs supplies	12,500	3,000	-	9,500	Recommended in Economic Development Division - Social Services Project Code (BCRC)
Recreation & Comm. Svcs.	Ice machine for Recreation Park	2,500	-	2,500	-	For Community purposes for events and programs use as well as in interim pending HVAC upgrade
Recreation & Comm. Svcs.	Las Palmas Staff Professional Development (<i>e.g. senior forums and wilderness trainings</i>)	1,430	1,000	-	430	Staffing development pending proper form submittal
Recreation & Comm. Svcs.	Contract services for senior fest, family hikes, transportation - Ongoing	4,200	-	-	4,200	Activities should be grant/fee supported; Review Prop A allocation for transportation
Recreation & Comm. Svcs.	Cover event supply expenses that were supported by the event support acct	2,500	-	-	2,500	Consider as part of overall event funding
Recreation & Comm. Svcs.	Las Palmas and Resource Center Staff Adobe Acrobat Subscription	864	-	-	864	Utilize existing budget (<i>e.g. IT, subscriptions</i>)
Public Works	Citywide Signage Updates (<i>e.g. Parking, Sweeping, Speed Limits, etc.</i>)	50,000	-	37,500	12,500	Commercial Corridor Street Signs with 6 month timeline; additional funding recommended using Traffic Safety Fund
Public Works	Position Reclassification: Convert 2-PT Maintenance Workers to 1-FT (Graffiti)	40,000	40,000	-	-	To place emphasis on Graffiti maintenance efforts and will assist with position recruitment and retention
Public Works	Position Reclassification: Convert 2-PT Maintenance Workers to 1-FT (Trees)	40,000	40,000	-	-	To place emphasis on Tree maintenance efforts and will assist with position recruitment and retention
Public Works	Pothole Patching Trailer/Vehicle	145,000	-	-	145,000	Focus on continuing residential paving program. Reconsider after pavement management plan update.
Public Works	Grapppler Truck (<i>for bulky item pick up</i>)	145,000	-	-	145,000	To be reviewed as part of Fleet Analysis

CITY OF SAN FERNANDO
SUMMARY OF ENHANCEMENT REQUESTS
FISCAL YEAR 2024-2025

		DEPT REQ	CITY MANAGER RECOMMENDED			
DEPT	DESCRIPTION	AMOUNT	ONGOING	ONE-TIME	NOT RECOMMENDED	NOTES
Public Works	Backhoe Loader	210,000	-	-	210,000	To be reviewed as part of Fleet Analysis
Public Works	Stump Grinder Heavy Duty	27,000	-	-	27,000	To be reviewed as part of Fleet Analysis
GENERAL FUND ENHANCEMENT TOTAL: \$		2,969,673	500,900	424,320	2,044,453	
SPECIAL FUNDS ¹						
Public Works	Citywide Signage Updates (e.g. Parking, Sweeping, Speed Limits, etc.)	50,000	-	12,500	37,500	Fund 013 - Traffic Safety Fund
Community Development	Homeless Outreach Initiatives	54,837		54,837	-	Fund 028 -Measure H (Annual County Allocation)
Police Department	Narcotics Incinerator/Drug Disposal Program	11,937	-	11,937	-	Fund 110 - Operating Grants (Opioid Settlement Funding)
SPECIAL FUND ENHANCEMENT TOTAL: \$		116,774	-	79,274	37,500	
PROPRIETARY FUNDS ¹						
Recreation & Comm. Svcs.	Rec Park Gym Floor Recoating (biannual maintenance)	3,300	-	3,300	-	Fund 043 - Facility Management Fund
Public Works	New Position: Water System Operator	115,000	115,000	-	-	Fund 070 - Water Fund
Public Works	Purchase 10 Sewer Manholes and Rings	8,500	-	8,500	-	Fund 072 - Sewer Fund
PROPRIETARY FUNDS ENHANCEMENT TOTAL: \$		123,500	115,000	8,500	-	
OPERATING BUDGET				PROPOSED BUDGET		
FUND	FUND TITLE	REVENUES	EXPENDITURES	RECOMMENDED ENHANCEMENTS	REVISED SURPLUS/DEFICIT	
001	General Fund	28,055,808	26,729,059	925,220	\$401,529	
013	Traffic Safety Fund ²	17,103	-	12,500	\$4,603	
028	Measure H Fund	54,837	-	54,837	\$0	
110	Operating Grants ³	11,937	-	11,937	\$0	
041	Facility Maintenance Fund	1,756,667	1,721,507	3,300	\$31,860	
070	Water Fund	5,785,000	5,417,078	115,000	\$252,922	
072	Sewer Fund ²	7,134,401	5,417,078	8,500	\$1,708,823	
¹ Does not include Capital Improvement Program Requests, which are contained in Section VI						
² Revenues include Fund Balance						
³ Includes Fund Balance specific to Opioid Settlement Project Code						



TIME FRAME	TASK	DEPARTMENT(S)
January - April 2024	Review and calculate revenue projections for General Fund, Special Revenue Funds, Enterprise Funds and Capital Projects Funds.	Finance
February 2024	Review/Update salary projections.	Personnel, Finance
February 13, 2024	Special Study session to review Citywide Strategic Goals and Set City Council Priorities for FY 2024-2025	Administration
March 18, 2024	City Council update and presentation: <ul style="list-style-type: none"> FY 2022-2023 Audited Financial Statements FY 2023-2024 Mid-year Budget FY 2024-2025 Budget Kickoff 	Administration, Finance
March – May 2024	Public Engagement: <ul style="list-style-type: none"> 2024-2025 Citywide Priorities Survey Local Transaction Tax Town Hall Meeting Commission Meeting Presentations 	Administration, Finance
March 12, 2024	City Manager meets with Department Heads to discuss the budget schedule and provide direction regarding budget guidelines.	All Departments
March 12 – April 5, 2024	Departments review and complete budget forms.	All Departments
April 8 - 12, 2024	Preliminary review of department budget forms, including review of enhancement and Capital requests.	Administration, Finance
April 15 - 18, 2024	City Manager/Finance Director meetings with Department Heads to discuss budget requests.	All Departments
April 22 – 24, 2024	Finalize City Manager's recommendations.	Administration, Finance
April/May 2024	Prepare Proposed Budget document.	Administration, Finance
May 6, 2024	Provide Proposed Budget to City Council and post to the City's website.	Administration, Finance
May 8, 2024	2024-2025 Proposed Budget Virtual Town Hall Meeting.	Administration, Finance
May 13, 2024 May 20, 2024 May 28, 2024 June 3, 2024 (if necessary)	Budget Study Sessions.	All Departments
May/June 2024	Update Proposed Budget based on City Council direction.	Administration, Finance
June 4, 2024	Publish Notice of Public Hearing for budget adoptions.	City Clerk
June 17, 2024	Budget hearing and adoption, including adopting of Gann Limit.	Administration, Finance
July 1, 2024	Post adopted budget to the City's Finance system.	Finance
July/August 2024	Produce Adopted Budget Book, distribute to City Council, post to the City's website, and submit for GFOA Award.	Finance



CITY OF SAN FERNANDO

FY 2022-2026 Strategic Goals

March 2023



Historic & Visionary

Strategic Goals serve as a road map to establish policies and programs that provide a safe and clean environment, maximize the quality of life in San Fernando, and enhance City services. These goals are achievable through allocating City resources as well as leveraging collaboration with federal, state and county governments and local non-profit organizations to secure resources and funding opportunities.

The 2021-2026 City-wide Strategic Goals articulate goals and objectives that the City of San Fernando will work to achieve over a five-year period. The Strategic Goals provide context for budget development and revenue priorities to ensure the City Council, City Manager, Department Directors, City Commissions and all city employees are working to achieve the City's long-term vision, goals and objectives. The Strategic Goals are reviewed annually and will be amended by City Council as needed.

Adopted: April 19, 2021

Revised: January 17, 2023

2022 - 2026 Strategic Goals

The strategic goals guiding the development of the fiscal year 2023-2024 budget are:



I. FOCUS ON COMMUNITY FIRST



II. CULTIVATING A STRONGER
LOCAL ECONOMY



III. PRESERVE BEAUTIFUL HOMES AND
NEIGHBORHOODS



IV. STRENGTHEN CLIMATE RESILIENCE
AND ENVIRONMENTAL JUSTICE



2022 - 2026 Strategic Goals (continued)



V. ENHANCE PUBLIC
TRANSPORTATION TO MOVE SAN
FERNANDO



VI. BUILD RESILIENT AND RELIABLE
INFRASTRUCTURE



VII. FORGE FINANCIAL STRENGTH AND
STABILITY



VIII. EMERGENCY PREPAREDNESS:
SUPPORTING THE COMMUNITY



I. FOCUS ON COMMUNITY FIRST

Goal: The City of San Fernando is committed to providing a high standard of service, safety, and quality of life for San Fernando taxpayers. The City works to increase opportunities and support for residents to secure their basic needs and connect residents to support services. These outcomes can be achieved by enhancing public safety, increasing access to City services and programs, and keeping the community informed through outreach and transparency initiatives.

Strategies:

1. Provide opportunities for community engagement to further develop strategic goals, ensure strategic goals are consistent with community needs, and create a public engagement policy and strategy to proactively seek community feedback on major City decisions.
2. Ensure San Fernando Police Department has adequate resources for personnel, equipment, training and community-based policing options.
3. Improve the City's use of technology to enhance customer service, work more efficiently and make it easier to conduct business with the City, improve transparency, and increase community access to broadband.
4. Explore opportunities to expand recreation and community service programs, senior programs, and healthy lifestyle initiatives.
5. Implement the Homeless Action Plan and related policies to support unsheltered and under housed individuals and families.
6. Expand collaboration with Public-Private Partnerships (PPP's) and local Community-Based Organizations (CBO's) to support San Fernando in achieving key strategic goals.



II. CULTIVATING A STRONGER LOCAL ECONOMY

Goal: The City of San Fernando is committed to pursuing economic development opportunities to bolster the City's revenue, enhance the health of the business climate, and highlight the City's rich history, culture, music, arts, Native American, and Latin American roots. Enhancing the local economy provides the resources to fund top-notch City services, programs, and infrastructure.

Strategies:

1. Provide technical and financial assistance programs for small business retention, expansion and recruitment. Establish programs that support a "One-Stop Business Center."
2. Create a Downtown Master Plan to enhance the historic downtown business corridor through architectural design and signage standards, business development support and pedestrian focused improvements.
3. Attract and retain private investment in all of the City's business corridors and support place-making efforts. Attract well-paying jobs to the City's industrial and commercial corridors by focusing on growing industries including, but not limited to, climate resiliency research and development, clean energy, emerging technologies, cultural arts, culinary arts, and entertainment options.



III. PRESERVE BEAUTIFUL HOMES AND NEIGHBORHOODS

Goal: The City of San Fernando is committed to facilitating common-sense housing policy to preserve the charm of San Fernando and provide natural, safe, neighborhood-centered spaces for residents to play and be active.

Strategies:

1. Promote home ownership and first time homeowner programs, particularly programs that provide home ownership opportunities for current San Fernando residents/renters.
2. Explore programs that provide technical assistance, architectural guidance, and financial support for the preservation and restoration of historic residential homes, and rehabilitation assistance for low- to moderate-income homeowners.
3. Support historic preservation programs, including Los Angeles Unified School District efforts to restore and rehabilitate the historic San Fernando Auditorium and Morningside Auditorium to be used as a public theatre.
4. Educate property owners on property maintenance standards to protect the charm and character of the City's neighborhoods.
5. Invest in enhancing parks, park amenities, and accessibility at all of the City's recreational parks, natural parks and open spaces.



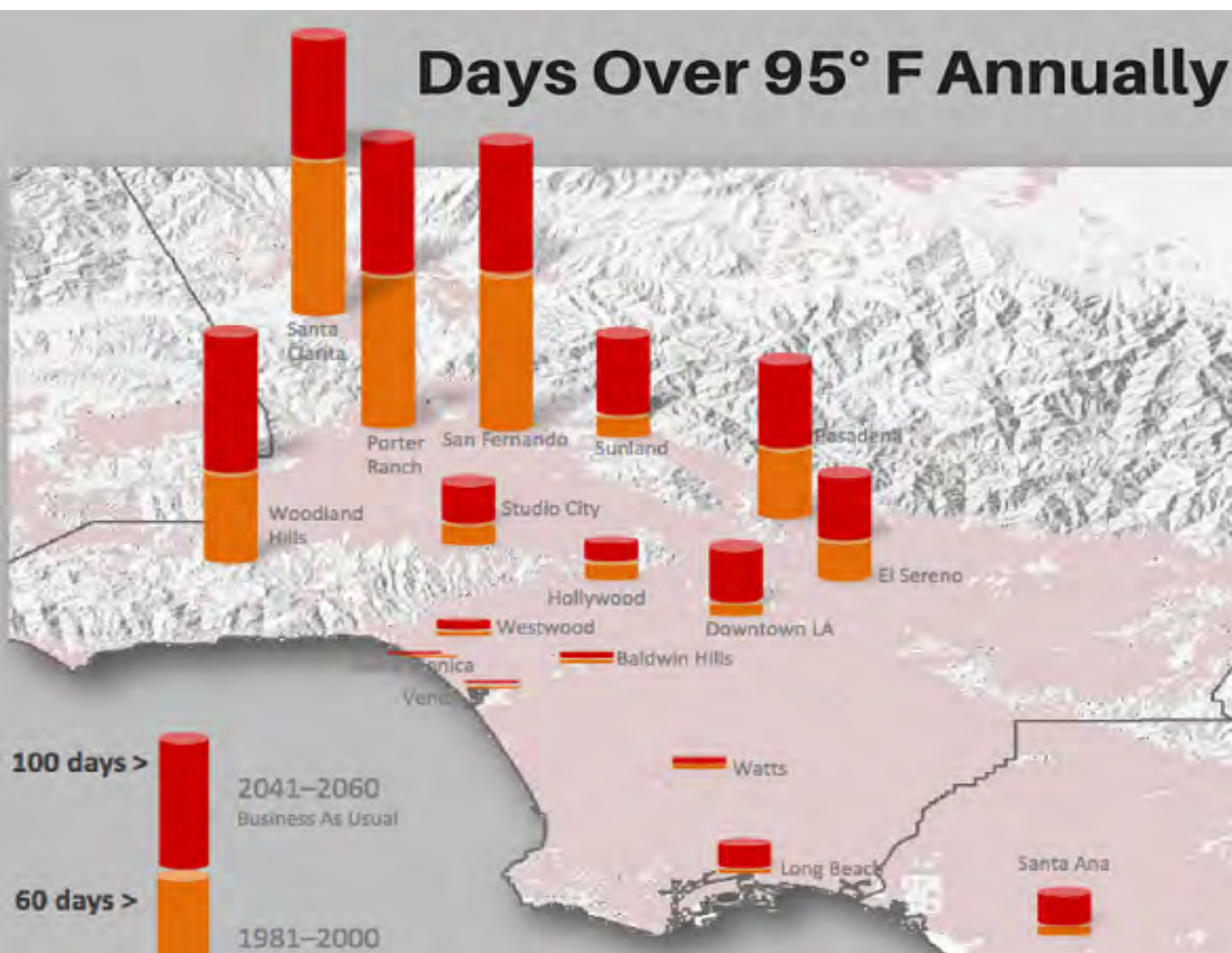


IV. STRENGTHEN CLIMATE RESILIENCE AND ENVIRONMENTAL JUSTICE

Goal: The City of San Fernando is committed to protecting public health, natural resources, and local water independence by being a leader in promoting conservation, energy efficiency, sustainability, reducing climate-related risks, and increasing climate resilience and adaptation.

Strategies:

1. Strengthen the City's urban forest by continuing to invest in tree planting and tree care efforts, which will improve air quality, expand native habitat and address extreme heat and heat island impacts.
2. Safeguard the City's water quality and local water supply through conservation programs, landscape regulations, water capture, smart-technology and equipment upgrades and other programs to reduce water usage with the goal of maintaining 100% water independence.
3. Reduce the City's carbon footprint through energy efficient facility improvements, aggressive waste and food reduction, recycling and reuse, and alternative energy vehicles and equipment.
4. Advocate for, and leverage, funding opportunities through federal, state, and regional agencies to connect residents and businesses to sustainability and conservation financial resources.



V. ENHANCE PUBLIC TRANSPORTATION TO MOVE SAN FERNANDO

Goal: The City of San Fernando is committed to enhancing regional and local public transportation options that benefit residents, employees, visitors, and customers of San Fernando businesses and cultural institutions.

Strategies:

1. Enhance public transit by providing affordable access to the Mission City Transit system (i.e. Trolley) and improve Trolley stops by making them more user friendly, attractive, clean and architecturally consistent.
2. Improve the City's pedestrian and bike trail network, services, and accessibility, including increased maintenance of the Mission City Bike Trail and completion of the Pacoima Wash Bike Path.
3. Support and prioritize deployment of electric and alternative fuel vehicles through the promotion of electric charging stations and other clean fuel options.
4. Ensure the East San Fernando Valley Regional Light Rail and Metrolink projects servicing San Fernando complement and enhance existing public transportation options without causing undue hardship to traffic, pedestrian and parking systems.
5. Pursue funding to construct projects identified in Metro's First/Last Mile Plan, the City's Safe and Active Streets Plan, and other planning efforts that support access to public transportation and pedestrian-focused improvements.





VI. BUILD RELIABLE AND RESILIENT INFRASTRUCTURE

Goal: The City of San Fernando is committed to increasing capital expenditures to address critical infrastructure needs, including, but not limited to, addressing deferred maintenance of City buildings, streets, water and sewer systems, and sidewalks.

Strategies:

1. Invest in water and sewer infrastructure through risk, resiliency and redundancy improvements, infiltration projects, treatment systems, and storage enhancements.
2. Maximize annual street paving and sidewalk repair by leveraging multiple sources of federal, state, county and private funding.
3. Beautify the Civic Center through investment in public buildings, landscaping and infrastructure, including modernizing the City's Police Station and City Hall.

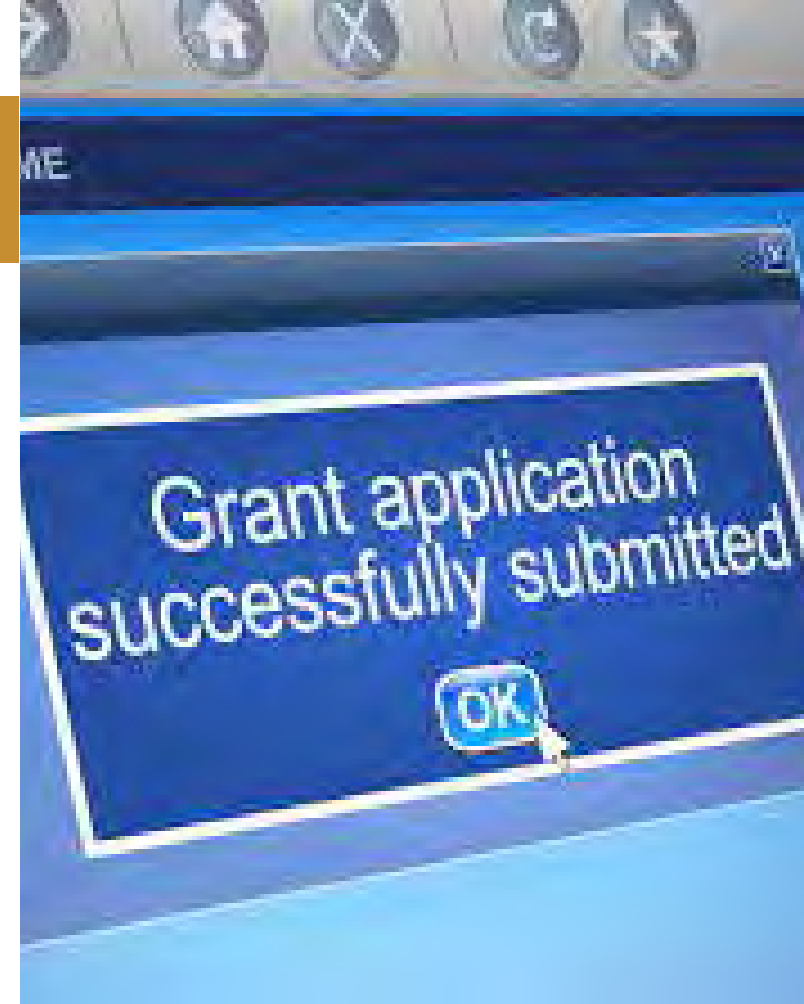


VII. FORGE FINANCIAL STRENGTH AND STABILITY

Goal: The City of San Fernando is committed to managing taxpayer funds responsibly, growing the City's revenue streams and protecting minimum reserve balances in accordance with adopted Comprehensive Financial Policies.

Strategies:

1. Ensure transparency and engagement opportunities for stakeholders to provide input on management of City resources, including special tax measures and budget priorities.
2. Review and update the City's Comprehensive Financial Policies biannually.
3. Implement strategies to reduce long-term pension and other post-employment benefits (i.e. retiree health) liabilities.
4. Focus on grant funding to raise significant resources to implement strategic goals and priority projects.
5. Continue to submit and receive the Government Financial Officers Association (GFOA) Awards for Excellence in Financial Reporting and Budget Preparation.

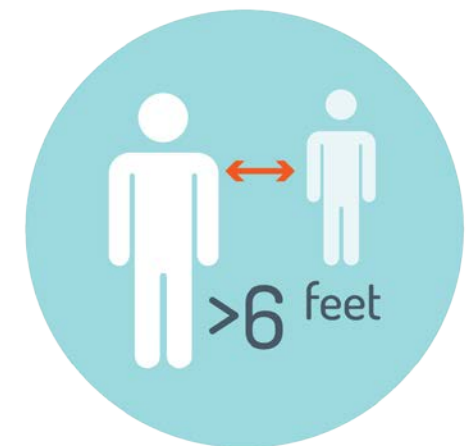


VIII. EMERGENCY PREPAREDNESS: SUPPORTING THE COMMUNITY

Goal: The City of San Fernando is committed to preparing City staff and community members to be safe before, during, and after an emergency or natural disaster, including but not limited to, earthquakes, wildfires, wind events, extreme heat, floods, and pandemics. Effective emergency management requires adequate training and preparation before an emergency, decisive action and coordination during the response, leveraging resources during the recovery, and providing timely information and clear communication throughout.

Strategies:

1. Continually review and update the Emergency Operations Plan, including providing Emergency Operations Center training to City staff and emergency response personnel to ensure effective inter-department and inter-agency coordination during an emergency response.
2. Foster relationships with regional agencies, local businesses, and community based organizations to improve the City's emergency response capacity through partnerships and mutual aid..
3. Increase capability to disseminate timely and relevant information to the community through effective communication channels and community partners.
 - a. Leverage community partnerships to maximize outreach during emergency response and recovery, including financial assistance and other resources available to residents and businesses.
 - b. Utilize emergency communication capability (ALERT San Fernando) appropriately to ensure important information is actively pushed out to the community.
- 4) Leverage federal, state, and regional resources through the Federal Emergency Management Agency (FEMA), California Office of Emergency Services (CalOES), mutual aid from Los Angeles County and surrounding cities to increase our capacity and ability to effectively prepare, respond, and recover from an emergency.





CITY LEADERSHIP

CITY COUNCIL

Mayor Celeste Rodriguez

Vice Mayor Mary Mendoza

Councilmember Cindy Montañez

Councilmember Mary Solorio

Councilmember Joel Fajardo

CITY MANAGER AND DIRECTORS

City Manager Nick Kimball

Deputy City Manager Kanika Kith

City Clerk Julia Fritz

Police Chief Fabian Valdez

Director of Finance Erica Melton

Director of Community

Development Erika Ramirez

Director of Recreation and

Community Services Julian Venegas

Director of Public Works (Vacant)





SECTION II. BUDGET OVERVIEW

CITY OF SAN FERNANDO						CITY OF SAN FERNANDO							
FUND NO.	FUND NAME	Actual Beginning Balance July 1, 2023	Adjusted Revenues FY 2023-2024	Adjusted Expenditures FY 2023-2024	Adjusted Ending Balance June 30, 2024	Proposed Revenues FY 2024-2025	Transfers In	Total Resources	Proposed Operating Expenditures FY 2024-2025	Capital Expense	Transfers Out	Total Requirements	Estimated Ending Balance June 30, 2025
General Fund:													
001	General Fund	\$ 10,282,877	26,278,215	26,559,357	\$ 10,001,735	\$ 25,782,085	2,273,723	28,055,808	26,354,059	-	375,000	26,729,059	\$ 11,328,483
Total General Fund:						\$ 25,782,085	\$ 2,273,723	28,055,808	26,354,059	-	375,000	26,729,059	\$ 11,328,483
Special Revenue Funds:													
002	Supplemental Law Enforcement Services	\$ 209,295	150,000	150,000	\$ 209,295	\$ 150,000	-	150,000	50,000	-	150,000	200,000	\$ 159,295
007	Proposition "A" - Transit Development Fund	\$ 350,244	689,224	669,570	\$ 369,898	\$ 662,110	-	662,110	599,712	-	62,398	662,110	\$ 369,898
008	Proposition "C" - Transit Development Fund	\$ 272,112	563,814	696,842	\$ 139,084	\$ 547,959	-	547,959	224,540	350,000	18,774	593,314	\$ 93,729
009	Proposition "C" - Discretionary	\$ 21,305	-	-	\$ 21,305	\$ -	-	-	-	-	-	-	21,305
010	Grant Fund	\$ (8,501,763)	40,277,068	33,560,681	\$ (1,785,376)	\$ -	-	-	-	-	-	-	\$ (1,785,376)
011	State Gas Tax Fund	\$ -	674,693	674,693	\$ -	\$ 656,813	-	656,813	277,886	-	277,886	555,772	101,041
012	Measure R Fund	\$ 498,919	422,860	845,142	\$ 76,636	\$ 410,969	-	410,969	179,938	257,025	-	436,963	\$ 50,642
013	Traffic Safety Fund	\$ 12,603	2,500	-	\$ 15,103	\$ 2,000	-	2,000	-	-	-	-	\$ 17,103
014	Cash In-Lieu of Parking	\$ 497,484	-	-	\$ 497,484	\$ -	-	-	-	-	-	-	\$ 497,484
015	Local Transportation Fund (SB 325)	\$ (37,305)	37,305	-	\$ -	\$ 40,435	-	40,435	-	37,935	-	37,935	\$ 2,500
016	Air Quality Management District Fund	\$ 172,842	28,000	-	\$ 200,842	\$ 30,000	-	30,000	-	-	-	-	\$ 230,842
017	Recreation Self Sustaining Fund	\$ (30,673)	315,660	310,763	\$ (25,776)	\$ 252,800	-	252,800	226,602	-	-	226,602	\$ 422
018	Retirement Fund	\$ 10,370,215	4,980,123	5,388,197	\$ 9,962,141	\$ 5,245,000	201,201	5,446,201	4,841,866	-	489,580	5,331,446	\$ 10,076,896
019	Quimby Act Fees	\$ 33,844	-	-	\$ 33,844	\$ -	-	-	-	-	-	-	\$ 33,844
020	State Asset Seizure	\$ 308	-	-	\$ 308	\$ -	-	-	-	-	-	-	\$ 308
021	Federal Asset Seizure	\$ 174	-	-	\$ 174	\$ -	-	-	-	-	-	-	\$ 174
022	STPL	\$ 246,806	-	246,806	\$ 0	\$ -	-	-	-	-	-	-	\$ 0
023	Measure W Fund - SCW Program	\$ 464,124	283,000	689,859	\$ 57,266	\$ 275,000	-	275,000	-	170,000	12,401	182,401	\$ 149,865
024	Measure M Fund	\$ 388,535	450,000	709,777	\$ 128,758	\$ 465,765	-	465,765	-	450,000	-	450,000	\$ 144,523
025	Road Maintenance and Rehab (SB1)	\$ 203,331	584,584	872,429	\$ (84,514)	\$ 605,208	-	605,208	-	500,000	-	500,000	\$ 20,694
026	Community Development Block Grant	\$ -	86,503	86,503	\$ -	\$ -	-	-	-	-	-	-	\$ -
027	Street Lighting	\$ 469,156	325,000	345,388	\$ 448,768	\$ 325,000	-	325,000	199,155	-	31,269	230,424	\$ 543,344
028	Measure H	\$ -	25,576	25,576	\$ -	\$ 54,837	-	54,837	-	-	-	-	\$ 54,837
029	Parking Maintenance Operations	\$ 340,919	204,550	338,049	\$ 207,420	\$ 210,050	-	210,050	229,768	50,000	35,052	314,820	\$ 102,650
030	Mall Maintenance Operations	\$ (158,523)	53,000	-	\$ (105,523)	\$ 60,000	-	60,000	-	-	-	-	\$ (45,523)
032	Capital Outlay	\$ 1,483,638	-	1,427,290	\$ 56,348	\$ -	-	-	-	-	-	-	\$ 56,348
050	Pavement Fund	\$ 13,734	-	-	\$ 13,734	\$ -	-	-	-	-	-	-	\$ 13,734
053	Community Investment Fund	\$ 28,507	35,000	35,000	\$ 28,507	\$ 10,000	-	10,000	10,000	-	-	10,000	\$ 28,507
055	Comm. Development Surcharge Fund	\$ 166,049	50,000	38,102	\$ 177,947	\$ 72,000	-	72,000	38,500	-	1,852	40,352	\$ 209,595
094	Low Income Housing	\$ 3,416,646	700	108,865	\$ 3,308,481	\$ -	-	-	107,009	-	-	107,009	\$ 3,201,472
101	AB109 Task Force Fund	\$ 14,127	-	-	\$ 14,127	\$ -	-	-	-	-	-	-	\$ 14,127
108	California Arts Council	\$ 4,330	25,000	29,330	\$ -	\$ -	-	-	-	-	-	-	\$ -
109	National Endowment for the Arts	\$ 12,614	55,000	59,866	\$ 7,748	\$ -	-	-	-	-	-	-	\$ 7,748
110	Operating Grants	\$ (775,907)	3,520,970	2,970,498	\$ (225,435)	\$ -	-	-	-	-	-	-	\$ (225,435)
111	DUI Avoid Campaign	\$ 3,056	-	-	\$ 3,056	\$ -	-	-	-	-	-	-	\$ 3,056
119	Office of Comm. Oriented Policing	\$ (12,053)	12,053	-	\$ 0	\$ -	-	-	-	-	-	-	\$ 0
120	ABC Alcohol Beverage Control Grant	\$ -	-	-	\$ -	\$ -	-	-	-	-	-	-	\$ -
121	American Rescue Plan Act	\$ 4,311,740	-	4,311,740	\$ (0)	\$ -	-	-	-	-	-	-	\$ (0)
Total Special Revenue Funds:						\$ 10,075,946	201,201	10,277,147	6,984,976	1,814,960	1,079,212	9,879,149	\$ 14,149,649

CITY OF SAN FERNANDO						CITY OF SAN FERNANDO							
FUND NO.	FUND NAME	Actual Beginning Balance July 1, 2023	Adjusted Revenues FY 2023-2024	Adjusted Expenditures FY 2023-2024	Adjusted Ending Balance June 30, 2024	Proposed Revenues FY 2024-2025	Transfers In	Total Resources	Proposed Operating Expenditures FY 2024-2025	Capital Expense	Transfers Out	Total Requirements	Estimated Ending Balance June 30, 2025
Enterprise and Internal Service Funds:													
006	Self Insurance	\$ 410,334	3,842,837	4,010,000	\$ 243,171	\$ 2,300,105	60,000	2,360,105	2,325,000	-	-	2,325,000	\$ 278,276
041	Equipment Maintenance/Replacement	\$ 934,737	842,025	817,531	\$ 959,231	\$ 687,308	100,000	787,308	551,494	184,641	-	736,135	\$ 1,010,405
043	Facility Maintenance	\$ (111,933)	1,855,361	1,743,428	\$ -	\$ 1,608,000	148,667	1,756,667	1,721,507	-	-	1,721,507	\$ 35,160
070	Water	\$ 4,023,809	5,750,948	9,147,669	\$ 627,088	\$ 5,785,000	-	5,785,000	4,097,347	483,430	841,788	5,422,565	\$ 989,523
072	Sewer	\$ 3,908,052	4,200,729	4,606,148	\$ 3,502,633	\$ 4,200,000	-	4,200,000	3,026,490	2,624,481	473,728	6,124,699	\$ 1,577,934
073	Refuse/Environmental	\$ 43,120	-	-	\$ 43,120	\$ -	-	-	38,000	-	-	38,000	\$ 5,120
074	Compressed Natural Gas	\$ 104,168	169,000	113,426	\$ 159,742	\$ 202,750	-	202,750	138,669	-	13,863	152,532	\$ 209,960
Total Enterprise and Internal Service Funds:		\$ 9,312,287	\$ 16,660,900	\$ 20,438,202	\$ 5,534,985	\$ 14,783,163	308,667	15,091,830	11,898,507	3,292,552	1,329,379	16,520,438	\$ 4,106,377
TOTAL ALL CITY FUNDS:		\$ 34,085,598	96,791,298	101,588,526	\$ 29,288,370	\$ 50,641,194	2,783,591	53,424,785	45,237,542	5,107,512	2,783,591	53,128,646	\$ 29,584,510

CITY OF SAN FERNANDO
GOVERNMENTAL, SPECIAL AND PROPRIETARY FUNDS
SUMMARY OF REVENUES, EXPENDITURES, AND OTHER FINANCING SOURCES AND
FISCAL YEAR 2024-2025

The total budget for Governmental, Special and Proprietary Funds. This summary provides an overview of each fund's budget in each of the four main categories: Personnel, Maintenance and Operating Expenses (M & O), Capital/Transfers, and Internal Service Charges.

	Governmental Funds	Special Funds	Proprietary Funds	Total: All Funds
Revenue - by Type				
Property Taxes	4,124,081	5,446,201	-	9,570,282
Sales and Other Taxes	15,671,923	2,967,011	-	18,638,934
Licenses and Permits	380,000	-	-	380,000
Fines and Forfeitures	425,000	-	-	425,000
Interest & Rental Income	705,000	-	-	705,000
From Other Agencies	3,452,500	1,662,734	-	5,115,234
Charges for Service	936,081	-	14,783,163	15,719,244
Miscellaneous Revenue	55,000	-	-	55,000
Other Revenue	32,500	-	-	32,500
Total Revenue - by Type	25,782,085	10,075,946	14,783,163	50,641,194
Other Financing Sources	2,273,723	201,201	308,667	2,783,591
Total Revenue and Other Financing Sources	\$ 28,055,808	\$ 10,277,147	\$ 15,091,830	\$ 53,424,785
Expenditure - by Type				
Personnel	17,417,928	5,224,471	4,109,298	26,751,697
Operating	6,184,071	1,220,925	7,219,341	14,624,337
Capital Expenses	-	1,814,960	3,292,552	5,107,512
Internal Service Charges/Transfers	2,752,060	539,580	569,869	3,861,508
Total Expenditure by Type	26,354,059	8,799,937	15,191,059	50,345,055
Other Financing Uses	375,000	1,079,212	1,329,379	2,783,591
Total Expenditures and Other Financing Uses	\$ 26,729,059	\$ 9,879,149	\$ 16,520,438	\$ 53,128,646
Beginning Fund Balance:	\$ 10,001,735	\$ 13,751,651	\$ 5,534,985	\$ 29,288,370
Total Budget Surplus (Deficit)	1,326,749	397,999	(1,428,608)	296,140
Ending Fund Balance:	\$ 11,328,483	\$ 14,149,649	\$ 4,106,377	\$ 29,584,510

CITY OF SAN FERNANDO
GOVERNMENTAL, SPECIAL AND PROPRIETARY FUNDS
SUMMARY OF REVENUES BY FUND - 5 YEAR HISTORY
FISCAL YEAR 2024-2025

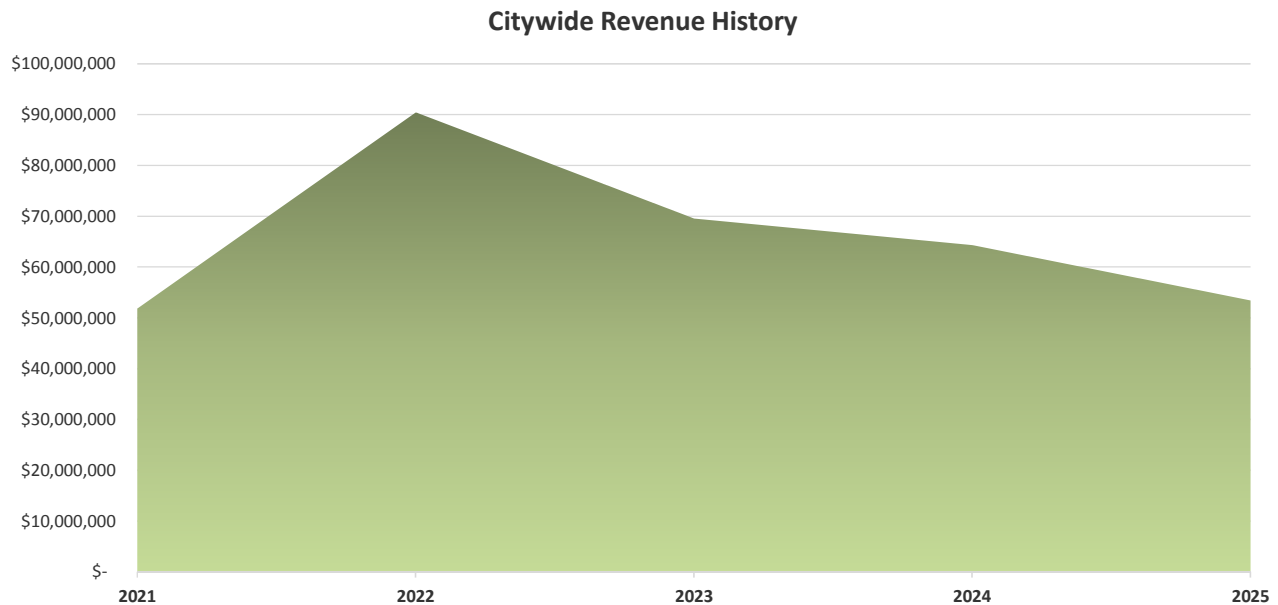
Governmental Funds	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
001 General Fund	24,912,062	25,076,804	27,382,379	26,278,215	28,055,808
Total Governmental Funds	\$ 24,912,062	\$ 25,076,804	\$ 27,382,379	\$ 26,278,215	\$ 28,055,808

Special Funds	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
002 SLESF	157,226	153,640	166,071	150,000	150,000
007 Proposition A	502,533	633,085	663,977	689,224	662,110
008 Proposition C	413,092	510,802	537,615	563,814	547,959
009 Proposition C - Discretionary	(4)	(817)	128	-	-
010 Capital Grants	4,788,338	8,632,751	7,622,547	9,685,711	-
011 State Gas Tax	553,159	583,343	597,880	674,693	656,813
012 Measure R	307,383	353,831	439,480	422,860	410,969
013 Traffic Safety	936	3,076	5,045	2,500	2,000
014 Cash In-Lieu of Parking	57,595	(18,989)	2,990	-	-
015 Local Transportation	30,000	2,083	3,292	-	40,435
016 AQMD	41,064	18,392	30,986	28,000	30,000
017 Recreation Self Sustaining	40,094	153,724	176,937	315,660	252,800
018 Retirement	4,927,114	35,945,724	5,443,660	4,980,123	5,446,201
019 Quimby Act	(0)	(6)	33,842	-	-
020 State Asset Seizure	7,287	(149)	410	-	-
021 Federal Asset Seizure	(2)	(331)	364	-	-
022 STPL	(1)	(206)	241,457	-	-
023 Measure W	269,938	262,851	273,282	283,000	275,000
024 Measure M	357,690	395,951	455,699	450,000	465,765
025 Road Maintenance and Rehab	472,522	438,405	549,661	584,584	605,208
026 CDBG	148,472	490,597	57,447	86,503	-
027 Street Lighting	361,153	332,854	333,420	325,000	325,000
028 Measure H	-	-	-	25,576	54,837
029 Parking & Maintenance Operations	134,037	204,807	224,394	204,550	210,050
030 Mall Maintenance	29,024	50,113	44,090	53,000	60,000
032 Capital Outlay	-	1,941,050	3,053,194	-	-
050 Pavement Fund	(3)	(527)	83	-	-
053 Community Investment Fund	10,000	11,553	17,750	35,000	10,000
055 Comm. Development Surcharge Fund	57,173	51,911	72,148	50,000	72,000
094 Low Income Housing	55,636	471	380	700	-
101 AB109 Task Force Fund	-	20	-	-	-
108 California Arts Council	18,000	2,000	19,000	25,000	-
109 National Endowment for the Arts	50,000	90,000	40,000	55,000	-
110 Operating Grants	177,162	672,887	423,573	1,943,948	-
111 DUI Avoid Campaign	-	-	-	-	-
119 COPS Grant	-	-	-	-	-
120 Alcohol Beverage Control Grant	-	-	-	-	-
121 American Rescue Plan Act Funds	112,878	137,122	5,568,340	-	-
Total Special Funds	14,079,494	52,052,019	27,099,141	21,634,446	10,277,147

CITY OF SAN FERNANDO
GOVERNMENTAL, SPECIAL AND PROPRIETARY FUNDS
SUMMARY OF REVENUES BY FUND - 5 YEAR HISTORY
FISCAL YEAR 2024-2025

Proprietary Funds	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
006 Self Insurance	1,217,332	2,171,322	2,875,873	3,842,837	2,360,105
041 Equipment Maint/Replacement	835,089	600,146	694,788	842,025	787,308
043 Facility Maintenance	1,611,074	1,484,849	1,632,998	1,575,000	1,756,667
070 Water	4,985,098	5,165,852	5,292,425	5,750,948	5,785,000
072 Sewer	4,040,178	3,774,711	4,130,502	4,200,729	4,200,000
073 Refuse	115	4,519	(6,190)	-	-
074 Compressed Natural Gas	141,676	126,841	454,074	169,000	202,750
Total Proprietary Funds	12,830,562	13,328,241	15,074,470	16,380,539	15,091,830

Total Citywide Revenues	\$ 51,822,119	\$ 90,457,063	\$ 69,555,991	\$ 64,293,200	\$ 53,424,785
--------------------------------	----------------------	----------------------	----------------------	----------------------	----------------------



CITY OF SAN FERNANDO
GOVERNMENTAL, SPECIAL AND PROPRIETARY FUNDS
SUMMARY OF APPROPRIATIONS BY FUND - 5 YEAR HISTORY
FISCAL YEAR 2024-2025

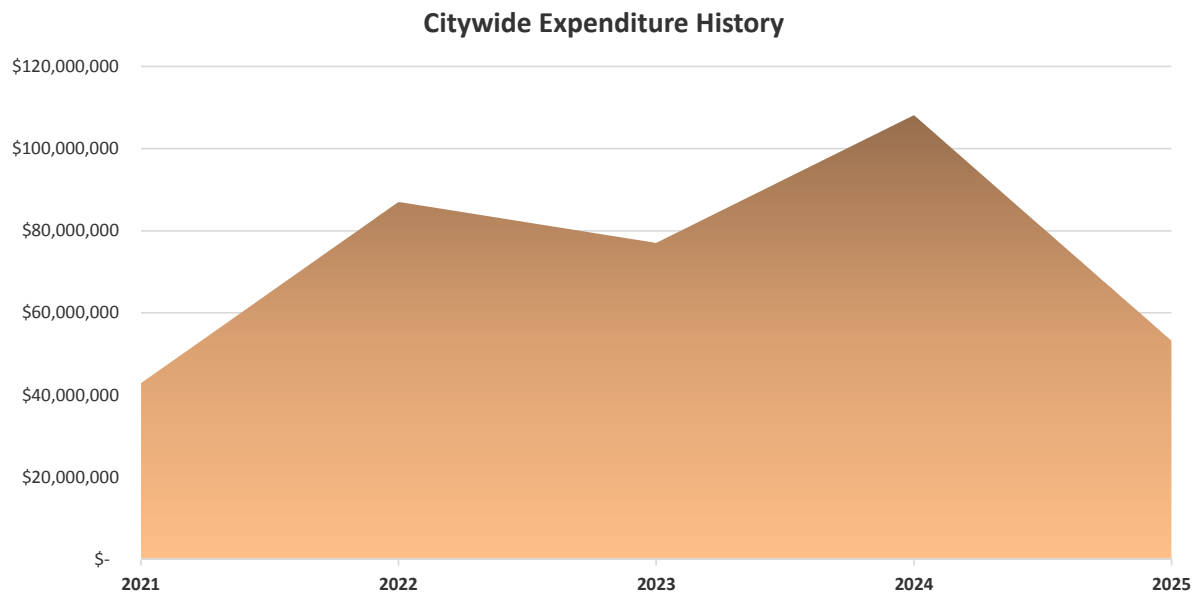
	2021	2022	2023	2024	2025
Governmental Funds	Actual	Actual	Actual	Adjusted	Proposed
001 General Fund	20,779,138	22,605,231	27,330,543	26,559,357	26,729,059
Total Governmental Funds	\$ 20,779,138	\$ 22,605,231	\$ 27,330,543	\$ 26,559,357	\$ 26,729,059

	2021	2022	2023	2024	2025
Special Funds	Actual	Actual	Actual	Adjusted	Proposed
002 SLESF	125,000	125,004	150,000	150,000	200,000
007 Proposition A	490,588	461,223	569,356	669,570	662,110
008 Proposition C	534,207	672,264	722,549	696,842	593,314
009 Proposition C - Discretionary	-	-	-	775,376	-
010 Capital Grants	1,696,967	3,900,080	15,031,672	38,560,681	-
011 State Gas Tax	487,875	517,537	669,000	692,701	555,772
012 Measure R	1,114,925	696,558	1,126,452	845,142	436,963
013 Traffic Safety	-	-	-	-	-
014 Cash In-Lieu of Parking	-	-	-	-	-
015 Local Transportation	30,000	25,010	17,670	5,641	37,935
016 AQMD	-	-	-	-	-
017 Recreation Self Sustaining	36,346	188,747	200,342	310,663	226,602
018 Retirement	4,738,686	38,254,003	4,508,989	5,378,197	5,331,446
019 Quimby Act	-	-	-	-	-
020 State Asset Seizure	6,392	-	9,961	-	-
021 Federal Asset Seizure	-	-	8,763	-	-
022 STPL	-	-	-	250,887	-
023 Measure W	52,387	130,129	159,432	689,859	182,401
024 Measure M	13,261	62,280	1,477,014	709,777	450,000
025 Road Maintenance and Rehab	-	66,782	1,883,588	872,429	500,000
026 CDBG	148,117	515,411	30,449	286,503	-
027 Street Lighting	215,621	323,941	250,820	345,388	230,424
028 Measure H	-	-	-	-	-
029 Parking and Maintenance Ops	166,073	218,261	212,831	338,049	314,820
030 Mall Maintenance Operations	41,732	126,553	95,344	9,050	-
032 Capital Outlay Fund	8,448	143,903	3,427,093	1,427,290	-
050 Pavement Fund	-	-	-	-	-
053 Community Investment Fund	7,247	14,065	8,008	35,000	10,000
055 Comm. Surcharge Fund	24,960	24,960	26,362	38,102	40,352
094 Low Income Housing	4,185	3,836	19,913	108,865	107,009
101 AB109 Task Force Fund	-	-	-	-	-
108 California Arts Council	20,000	-	14,670	29,330	-
109 National Endowment for the Arts	49,200	61,172	38,866	59,866	-
110 Operating Grants	439,867	782,260	883,219	2,970,498	-
111 DUI Avoid Campaign	-	-	-	-	-
119 Office of Comm. Oriented Policing	-	-	-	-	-
120 Alcohol Beverage Control Grant	-	-	-	-	-
121 American Rescue Plan Act Funds	112,878	129,595	1,264,127	4,311,740	-
Total Special Funds	10,564,960	47,443,575	32,806,492	60,567,446	9,879,149

CITY OF SAN FERNANDO
GOVERNMENTAL, SPECIAL AND PROPRIETARY FUNDS
SUMMARY OF APPROPRIATIONS BY FUND - 5 YEAR HISTORY
FISCAL YEAR 2024-2025

Proprietary Funds	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
006 Self Insurance Fund	1,707,565	2,093,786	4,167,083	4,010,000	2,325,000
041 Equipment Maint/Replacement	582,241	620,069	691,382	817,531	736,135
043 Facility Maintenance	1,592,586	1,539,889	1,738,689	1,778,428	1,721,507
070 Water	4,460,949	7,144,525	7,164,764	9,147,669	5,422,565
072 Sewer	3,057,870	5,399,636	2,605,415	5,174,380	6,124,699
073 Refuse	5,960	3,403	3,482	-	38,000
074 Compressed Natural Gas	95,616	164,488	496,034	113,426	152,532
Total Proprietary Funds	11,502,787	16,965,796	16,866,849	21,041,435	16,520,438

Total Citywide Expenditures	\$ 42,846,885	\$ 87,014,603	\$ 77,003,884	\$ 108,168,238	\$ 53,128,646
------------------------------------	----------------------	----------------------	----------------------	-----------------------	----------------------



CITY OF SAN FERNANDO
GOVERNMENTAL, SPECIAL AND PROPRIETARY FUNDS
SUMMARY OF APPROPRIATIONS BY FUND - BY TYPE
FISCAL YEAR 2024-2025

The total budget for Governmental, Special and Proprietary Funds. This summary provides an overview of each fund's budget in each of the four main categories: Personnel, Maintenance and Operating Expenses (M & O), Capital/Transfers, and Internal Service Charges.

Governmental Funds		Personnel	Operating	Capital Expenses	Internal Svs. Chrg.	Total Budget
001	General Fund	17,417,928	6,184,071	-	3,127,060	26,729,059
Total General Fund		\$ 17,417,928	\$ 6,184,071	\$ -	\$ 3,127,060	\$ 26,729,059

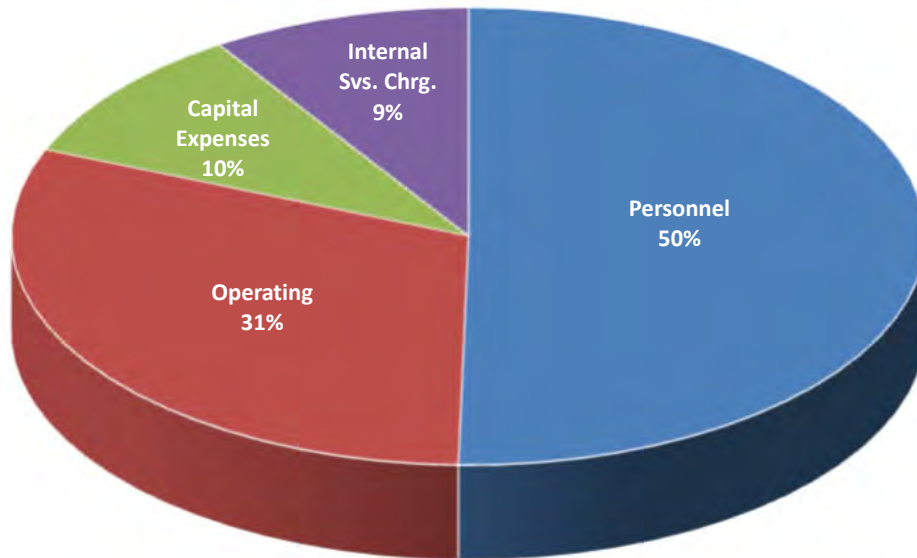
Special Funds		Personnel	Operating	Capital Expenses	Transfers Out	Total Budget
002	SLESF	-	-	-	200,000	200,000
007	Proposition A	71,501	590,609	-	-	662,110
008	Proposition C	-	243,314	350,000	-	593,314
009	Proposition C - Discretionary	-	-	-	-	-
010	Capital Grants	-	-	-	-	-
011	State Gas Tax	-	305,772	-	250,000	555,772
012	Measure R	-	179,938	257,025	-	436,963
013	Traffic Safety	-	-	-	-	-
014	Cash In-Lieu of Parking	-	-	-	-	-
015	Local Transportation	-	-	37,935	-	37,935
016	AQMD	-	-	-	-	-
017	Recreation Self Sustaining	75,222	151,380	-	-	226,602
018	Retirement	4,831,866	10,000	-	489,580	5,331,446
019	Quimby Act	-	-	-	-	-
020	State Asset Seizure	-	-	-	-	-
021	Federal Asset Seizure	-	-	-	-	-
022	STPL	-	-	-	-	-
023	Measure W	-	12,401	170,000	-	182,401
024	Measure M	-	-	450,000	-	450,000
025	Road Maintenance and Rehab Act	-	-	500,000	-	500,000
026	CDBG	-	-	-	-	-
027	Street Lighting	82,905	147,519	-	-	230,424
028	Measure H	-	-	-	-	-
029	Parking and Maintenance Operations	130,968	133,852	50,000	-	314,820
030	Mall Maintenance Operations	-	-	-	-	-
032	Capital Outlay Fund	-	-	-	-	-
050	Pavement Fund	-	-	-	-	-
053	Community Investment Fund	-	10,000	-	-	10,000
055	Comm. Dev. Surcharge Fund	-	40,352	-	-	40,352
094	Low/Mod Income Housing Fund	32,009	75,000	-	-	107,009
101	AB109 Task Force Fund	-	-	-	-	-
108	California Arts Council	-	-	-	-	-
109	National Endowment for the Arts	-	-	-	-	-
110	Operating Grants	-	-	-	-	-
111	DUI Avoid Campaign	-	-	-	-	-
119	Office of Comm. Oriented Policing	-	-	-	-	-
120	Alcohol Beverage Control Grant	-	-	-	-	-
121	American Rescue Plan Act Fund	-	-	-	-	-
Total Special Funds		5,224,471	1,900,137	1,814,960	939,580	9,879,149

CITY OF SAN FERNANDO
GOVERNMENTAL, SPECIAL AND PROPRIETARY FUNDS
SUMMARY OF APPROPRIATIONS BY FUND - BY TYPE
FISCAL YEAR 2024-2025

<i>Proprietary Funds</i>	Personnel	Operating	Capital Expenses	Internal Svs. Chrg.	Total Budget
006 Self Insurance Fund	-	2,325,000	-	-	2,325,000
041 Equipment Maint/Replacement	254,584	280,150	184,641	16,760	736,135
043 Facility Maintenance	827,897	715,255	-	178,355	1,721,507
070 Water	2,181,799	2,330,555	483,430	426,781	5,422,565
072 Sewer	830,472	2,468,829	2,624,481	200,918	6,124,699
073 Refuse	-	38,000	-	-	38,000
074 Compressed Natural Gas	14,546	136,063	-	1,923	152,532
Total Proprietary Funds	4,109,298	8,293,852	3,292,552	824,737	16,520,438

Total Citywide Expenditures	\$ 26,751,697	\$ 16,378,060	\$ 5,107,512	\$ 4,891,376	\$ 53,128,646
------------------------------------	----------------------	----------------------	---------------------	---------------------	----------------------

Citywide Expenses by Type



CITY OF SAN FERNANDO
GOVERNMENTAL, SPECIAL AND PROPRIETARY FUNDS
SUMMARY OF TRANSFERS AND OTHER INTERFUND PAYMENTS
FISCAL YEAR 2024-2025

FUND		DESCRIPTION	AMOUNT FROM	AMOUNT TO
<u>OPERATIONS RELATED TRANSFERS:</u>				
Transfers FROM General TO Other Funds to support operations and capital:				
FROM:	001	General Fund	(198,667)	
TO:	041	Equipment Replacement Fund		100,000
	043	Facility Management Fund		98,667
			(198,667)	198,667
Transfers FROM Enterprise Funds TO Other Funds to support operations and capital:				
FROM:	070	Water Fund	(25,000)	
	072	Sewer Fund	(25,000)	
TO:	043	Facility Maintenance Fund		50,000
			(50,000)	50,000
Transfers FROM Other Funds TO the General Fund to support operations:				
FROM:	002	Supplemental Law Enforcement Services (SLESF) Fund	(150,000)	
	011	Gas Tax Fund	(250,000)	
	070 381	Water Fund	(60,000)	
	072 360	Sewer Fund	(60,000)	
TO:	001	General Fund		520,000
			(520,000)	520,000
Payments FROM Other Funds TO the General Fund per Cost Allocation Plan:				
FROM:	007	Proposition A Fund	(62,398)	
	008	Proposition C Fund	(18,774)	
	011	State Gas Tax Fund	(27,886)	
	018	Retirement Fund	(489,580)	
	023	Measure W Fund - SCW Program Fund	(12,401)	
	027	Street Lighting Fund	(31,269)	
	029	Parking M & O Fund	(35,052)	
	055	Community Development Surcharge Fund	(1,852)	
	070 381	Water Fund	(684,354)	
	072 360	Sewer Fund	(376,294)	
	074 320	CNG Fund	(13,863)	
TO:	001 3795	General Fund		1,753,723
			(1,753,723)	1,753,723
Payment FROM Water Funds TO the Self Insurance Fund for property insurance:				
FROM:	070 381	Water Fund	(60,000)	
TO:	006	Self Insurance Fund		60,000
			(60,000)	60,000
<u>DEBT RELATED TRANSFERS</u>				
Payments FROM General Fund and Enterprise Funds TO Retirement Fund to Repay Retirement Loan:				
FROM:	001	General Fund	(176,333)	
	070	Water Fund	(12,434)	
	072	Sewer Fund	(12,434)	
TO:	018	Retirement Fund		201,201
			(201,201)	201,201
TOTAL INTERFUND TRANSFERS/PAYMENTS			(2,783,591)	2,783,591

CITY OF SAN FERNANDO
CITYWIDE POSITION SUMMARY BY DEPARTMENT
FISCAL YEAR 2024-2025

	2021	2022	2023	2024	2025
CITY MANAGER'S OFFICE	Actual	Actual	Actual	Adjusted	Proposed
City Manager	1.00	1.00	1.00	1.00	1.00
Deputy City Manager/Economic Development	0.00	0.00	1.00	1.00	1.00
Assistant To The City Manager	0.00	1.00	1.00	1.00	1.00
Economic Development Manager	0.00	1.00	0.00	0.00	0.00
Executive Assistant to the City Manager	1.00	1.00	1.00	1.00	1.00
Management Intern	0.00	0.46	0.46	0.46	0.46
Personnel Manager ¹	1.00	1.00	1.00	1.00	0.00
Personnel Technician ¹	1.00	1.00	1.00	1.00	0.00
Personnel Assistant ¹	0.70	1.00	1.00	1.00	0.00
Office Clerk (FTE) ¹	0.00	0.00	0.46	0.46	0.00
TOTAL CITY MANAGER'S OFFICE	4.70	7.46	7.92	7.92	4.46

	2021	2022	2023	2024	2025
CITY CLERK	Actual	Actual	Actual	Adjusted	Proposed
City Clerk	1.00	1.00	1.00	1.00	1.00
Deputy City Clerk/Management Analyst	1.00	1.00	1.00	1.00	1.00
Deputy City Clerk (FTE)	0.00	0.00	0.00	0.00	0.00
TOTAL CITY CLERK DEPARTMENT	2.00	2.00	2.00	2.00	2.00

	2021	2022	2023	2024	2025
ADMINISTRATIVE SERVICES	Actual	Actual	Actual	Adjusted	Proposed
Director of Finance/City Treasurer	1.00	1.00	1.00	1.00	0.00
Director of Administrative Services ⁴	0.00	0.00	0.00	0.00	1.00
Senior Accountant	1.00	1.00	1.00	1.00	1.00
Treasury Manager	1.00	0.00	0.00	0.00	0.00
Senior Account Clerk	2.00	0.00	0.00	0.00	0.00
Accounting Technician	0.00	2.00	2.00	2.00	2.00
Payroll Technician	1.00	1.00	1.00	1.00	1.00
Office Clerk	1.00	0.00	0.00	0.00	0.00
Treasurer Assistant ⁵	0.00	1.00	1.00	1.00	1.00
Finance Office Specialist	1.00	0.00	0.00	0.00	0.00
Accounting Assistant	0.00	1.00	1.00	1.00	1.00
Management Intern	0.00	0.46	0.46	0.46	0.46
Information Technology System Administrator	0.00	0.00	1.00	1.00	1.00
Human Resources/Risk Manager ⁶	0.00	0.00	0.00	0.00	1.00
Human Resources Technician ⁶	0.00	0.00	0.00	0.00	1.00
Human Resources Assistant ⁶	0.00	0.00	0.00	0.00	1.00
Office Clerk (FTE) ^{6, 7}	0.00	0.00	0.00	0.00	0.00
Administrative Assistant (FTE) ^{6,7}	0.00	0.00	0.00	0.00	0.46
TOTAL ADMINISTRATIVE SERVICES	8.00	7.46	8.46	8.46	11.92

CITY OF SAN FERNANDO
CITYWIDE POSITION SUMMARY BY DEPARTMENT
FISCAL YEAR 2024-2025

	2021	2022	2023	2024	2025
COMMUNITY DEVELOPMENT	Actual	Actual	Actual	Adjusted	Proposed
Director of Community Development	1.00	1.00	1.00	1.00	1.00
Deputy Comm Dev Director/Planning Manager ³	0.00	0.00	0.00	0.00	1.00
Building & Safety Supervisor	1.00	0.00	0.00	0.00	0.00
Associate Planner	1.00	1.00	1.00	1.00	1.00
Community Development Secretary	1.00	0.00	0.00	0.00	0.00
Community Development Technician	0.00	1.00	1.00	1.00	1.00
Administrative Assistant	0.00	0.00	1.00	1.00	1.00
Community Preservation Officer	2.00	2.00	3.00	3.00	3.00
Community Preservation Officer (FTE)	0.95	0.95	0.95	0.95	0.95
City Maintenance Helper - Graffiti (FTE)	0.75	0.75	0.00	0.00	0.00
Management Intern	0.00	0.46	0.46	0.46	0.46
Housing Coordinator	0.00	0.00	1.00	1.00	1.00
TOTAL COMMUNITY DEVELOPMENT DEPT	7.70	7.16	9.41	9.41	10.41

	2021	2022	2023	2024	2025
POLICE	Actual	Actual	Actual	Adjusted	Proposed
Chief of Police	1.00	1.00	1.00	1.00	1.00
Police Lieutenant	2.00	2.00	2.00	2.00	0.00
Police Commander ⁸	0.00	0.00	0.00	0.00	2.00
Police Sergeant	5.00	5.00	5.00	5.00	5.00
Police Corporal ⁹	0.00	0.00	0.00	0.00	5.00
Police Officer	23.00	27.00	27.00	27.00	22.00
Administrative Assistant	1.00	0.00	0.00	0.00	0.00
Police Executive Assistant	0.00	1.00	1.00	1.00	1.00
Senior Desk Officer	0.00	0.00	1.00	1.00	1.00
Police Desk Officer	8.00	8.00	7.00	7.00	7.00
Management Analyst	0.00	0.00	1.00	1.00	1.00
Police Records Administrator	1.00	1.00	1.00	1.00	1.00
Police Records Specialist	1.46	2.00	2.00	2.00	2.00
Property Control Officer	1.00	1.00	1.00	1.00	1.00
Community Service Officer (FTE)	3.00	3.00	3.00	3.00	3.00
Crossing Guard (FTE)	1.00	1.00	1.00	1.00	1.00
Junior Cadet (FTE)	1.50	1.96	1.96	1.96	1.96
TOTAL POLICE DEPARTMENT	48.96	53.96	54.96	54.96	54.96

CITY OF SAN FERNANDO
CITYWIDE POSITION SUMMARY BY DEPARTMENT
FISCAL YEAR 2024-2025

	2021	2022	2023	2024	2025
PUBLIC WORKS	Actual	Actual	Actual	Adjusted	Proposed
Director of Public Works/City Engineer	1.00	1.00	1.00	1.00	1.00
Management Analyst	1.00	1.00	1.00	1.00	1.00
Civil Engineering Assistant II	2.00	2.00	2.00	2.00	2.00
Office Specialist	2.00	0.00	0.00	0.00	0.00
Executive Assistant	0.00	1.00	1.00	1.00	1.00
Public Works Technician	0.00	1.00	1.00	1.00	1.00
Administrative Coordinator	1.00	0.00	0.00	0.00	0.00
Management Intern (FTE)	0.00	0.46	0.46	0.46	0.46
City Electrician	0.00	1.00	1.00	1.00	1.00
Electrical Supervisor	1.00	0.00	0.00	0.00	0.00
Bldg. Maint. Worker/Electrical Helper	1.00	0.00	0.00	0.00	0.00
Operations Manager	0.00	1.00	1.00	1.00	1.00
Equipment & Materials Supervisor	1.00	0.00	0.00	0.00	0.00
Public Works Supervisor	0.00	0.00	1.00	1.00	1.00
City Mechanic	1.00	1.00	1.00	1.00	1.00
Public Works Superintendent	3.00	2.00	1.00	1.00	1.00
Water Superintendent	0.00	0.00	1.00	1.00	1.00
Maintenance Worker ¹⁰	8.00	7.00	6.00	6.00	8.00
Field Supervisor II	3.00	2.00	0.00	0.00	0.00
Field Supervisor I	1.00	1.00	0.00	0.00	0.00
Water Supervisor	0.00	0.00	2.00	2.00	2.00
Senior Maintenance Worker	6.00	4.00	2.00	2.00	2.00
Senior Water Worker	0.00	0.00	1.00	1.00	1.00
Water Worker I	0.00	0.00	1.00	1.00	1.00
Water Worker II	0.00	0.00	2.00	2.00	2.00
Meter Technician	1.00	1.00	0.00	0.00	0.00
Cross Connection Specialist	0.00	0.00	1.00	1.00	1.00
Senior Water System Operator	0.00	0.00	1.00	1.00	1.00
Water System Operator ¹¹	0.00	0.00	0.00	0.00	1.00
Water Pumping Operator/Backflow Tech.	1.00	2.00	0.00	0.00	0.00
Water Operations Manager	0.00	1.00	1.00	1.00	1.00
Senior Park Maintenance Worker	0.00	0.00	1.00	1.00	1.00
Street Tree Trimmer	0.00	0.00	1.00	1.00	1.00
Senior Sewer Worker	0.00	0.00	1.00	1.00	1.00
Sewer Worker	0.00	0.00	1.00	1.00	1.00
City Maintenance Helper - Graffiti (FTE) ¹⁰	0.00	0.00	0.75	0.75	0.00
Maintenance Helper (FTE) ¹⁰	0.80	2.76	2.30	2.30	1.38
TOTAL PUBLIC WORKS DEPARTMENT	34.80	32.22	36.51	36.51	37.84

CITY OF SAN FERNANDO
CITYWIDE POSITION SUMMARY BY DEPARTMENT
FISCAL YEAR 2024-2025

	2021	2022	2023	2024	2025
	Actual	Actual	Actual	Adjusted	Proposed
RECREATION AND COMMUNITY SERVICES					
Director of Recreation & Comm Svcs.	1.00	1.00	1.00	1.00	1.00
Office Specialist	2.00	0.00	0.00	0.00	0.00
Administrative Assistant	0.00	1.00	1.00	1.00	1.00
Executive Assistant	0.00	1.00	1.00	1.00	1.00
Rec. & Comm Services Supervisor	1.00	1.00	2.00	2.00	2.00
Cultural Arts Supervisor	1.00	0.00	0.00	0.00	0.00
Rec & Comm Services Coordinator	0.00	1.00	1.00	1.00	1.00
Social Services Coordinator	0.00	0.00	1.00	1.00	1.00
Recreation Supervisor	1.00	1.00	0.00	0.00	0.00
Program Specialist	1.75	1.00	2.00	2.00	2.00
Office Clerk	0.00	0.00	0.00	1.00	1.00
Management Intern (FTE)	0.00	0.46	0.46	0.46	0.46
Office Clerk (FTE)	0.00	0.48	0.96	0.46	0.46
Sr Day Camp/After School Counselor (FTE)	2.53	2.53	2.53	2.53	2.53
Day Camp/After School Counselor (FTE)	7.00	7.00	7.00	7.00	7.00
Recreation Leader I (FTE)	4.10	4.10	4.10	4.10	4.10
Recreation Leader II (FTE)	1.00	1.00	1.00	1.00	1.00
Recreation Leader III (FTE)	1.28	1.28	1.28	1.28	1.28
TOTAL REC & COMM SERVICES DEPARTMENT	23.66	23.85	26.33	26.83	26.83
TOTAL POSITIONS (FULL TIME EQUIVALENT)	129.82	134.11	145.59	146.09	148.42

¹ Personnel Division recommended to be moved from City Manager's Office to Administrative Services in FY 2024-2025

² Economic Development Division moved from Community Development to City Manager's Office in FY 2022-2023

³ Deputy Director of Community Development/Planning Manager recommended as Budget Enhancement in FY 2024-2025

⁴ Department Name Change Recommended from Finance to Administrative Services in FY 2024-2025

⁵ Treasury Division combined with Finance in FY 2022-2023

⁶ Personnel Division recommended to shift from City Manager's Office to Administrative Svcs in FY 2024-25 with Human Resources/Risk Management title change.

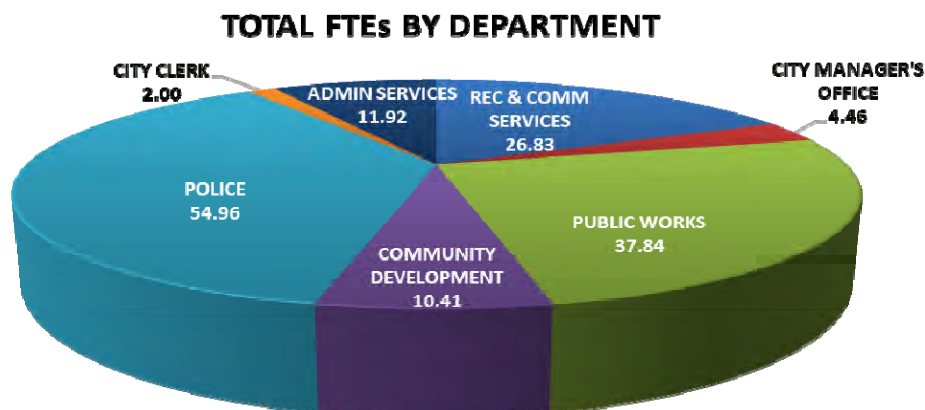
⁷ Personnel Office Clerk (FTE) recommended to be reclassified to Administrative Assistant (FTE) in FY 2024-2025

⁸ Police Lieutenant Title Change to Police Commander as approved in SFPMU Bargaining Unit MOU

⁹ Police Corporal positions (5) recommended as Budget Enhancements in FY 2024-2025

¹⁰ 4-PT Maintenance & City Helpers recommended for conversion to 2-FT Maintenance Workers as FY 2024-2025 Budget Enhancement

¹¹ Water System Operator recommended as Budget Enhancement in FY 2024-2025





PAGE INTENTIONALLY
LEFT BLANK



SECTION III. GENERAL FUND OVERVIEW

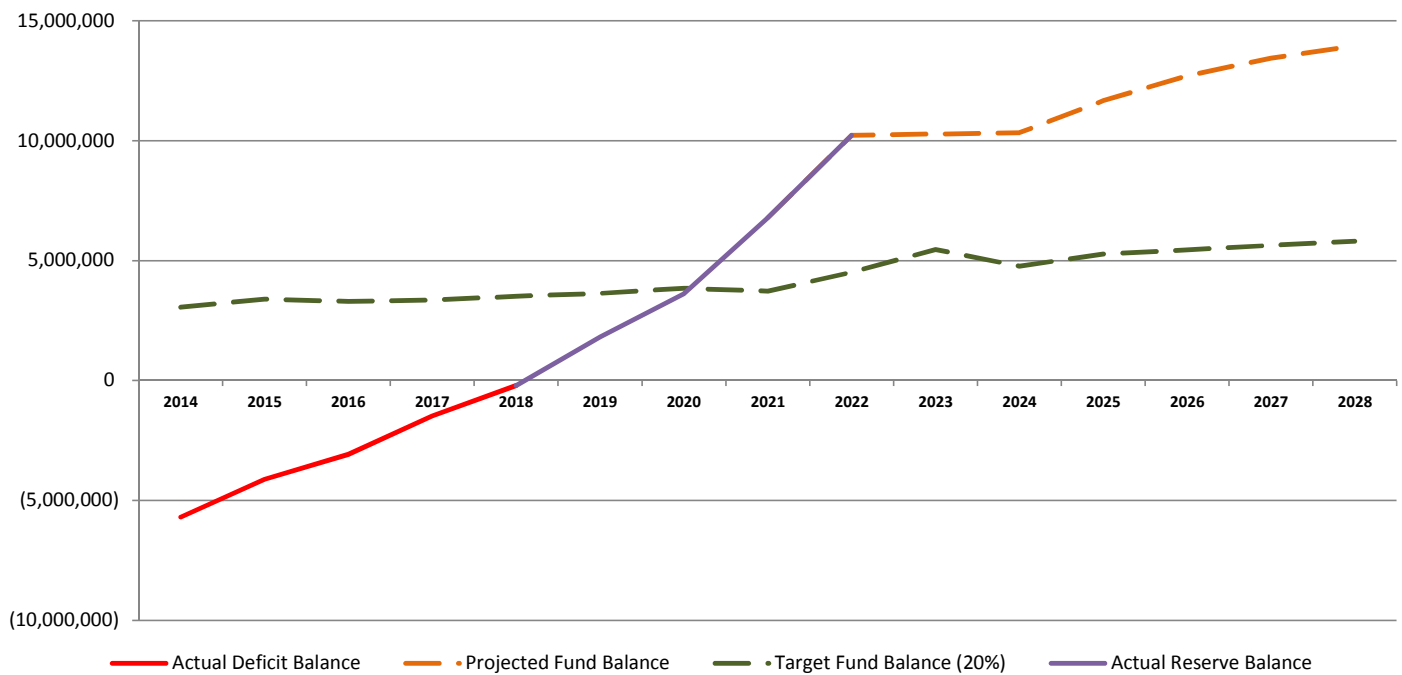
CITY OF SAN FERNANDO
GENERAL FUND FIVE-YEAR FORECAST
SUMMARY OF PROJECTED REVENUES AND EXPENDITURES

	Actual 2021	Actual 2022	Actuals 2023	Adjusted 2024	Projected 2025	Projected 2026	Projected 2027	Projected 2028
REVENUES								
Property Taxes	3,149,175	3,198,090	4,329,484	3,489,318	4,124,081	4,200,563	4,283,674	4,368,447
Sales Tax	10,243,406	12,268,564	12,323,324	12,169,838	12,226,923	12,471,461	12,720,891	12,975,309
Franchise Fees	741,355	775,995	933,936	739,500	935,000	953,700	972,774	992,229
Other Taxes	4,958,943	5,270,067	5,540,451	5,483,000	5,920,000	6,037,800	6,157,952	6,280,503
Licenses and Permits	361,819	373,668	566,672	513,500	450,000	461,660	473,920	486,560
Fines and Forfeitures	498,845	433,689	418,240	444,000	425,000	441,740	459,142	477,232
Use of Money & Property	582,209	60,133	626,848	637,261	710,000	725,700	741,774	758,232
Fees and Charges	559,400	562,962	452,906	604,500	885,385	925,047	966,533	1,009,930
Miscellaneous Revenue	127,415	140,128	155,062	123,000	128,500	116,455	119,499	122,634
Cost Allocation Revenue	1,738,328	1,519,568	1,515,457	1,678,479	1,730,919	1,749,020	1,801,461	1,855,475
Transfers In	450,000	473,040	520,000	520,000	520,000	520,000	520,000	520,000
Operating Revenue	23,410,895	25,075,904	27,382,379	26,402,396	28,055,808	28,603,146	29,217,619	29,846,550
Sale of Property	1	900	-	-	-	-	-	-
Other One-Time	1,501,165	-	-	-	-	-	-	-
One-time Revenue	1,501,166	900	-	-	-	-	-	-
TOTAL REVENUE	24,912,061	25,076,804	27,382,379	26,402,396	28,055,808	28,603,146	29,217,619	29,846,550
EXPENDITURES								
Personnel Expenses	11,858,432	12,814,311	15,228,348	16,281,916	17,419,398	18,232,477	19,042,195	19,770,123
Operating Expense	5,429,156	5,623,570	6,275,979	6,930,086	6,182,601	6,243,677	6,305,364	6,367,667
Capital Outlay	-	5,180	4,990	34,581	-	-	-	-
Transfers/Internal Service Charges	1,913,765	4,162,171	5,821,226	3,295,449	2,752,060	2,807,101	2,863,243	2,920,508
Operating Expenditures	19,201,353	22,605,231	27,325,553	24,146,305	26,354,059	27,283,255	28,210,802	29,058,299
Debt Reduction	-	620,000	-	271,327	176,333	275,000	275,000	275,000
Transfer to Equipment Replacement	-	197,000	-	-	-	-	-	-
ERF Pre-fund replacements	-	-	-	103,375	100,000	-	-	-
Transfer to SIF	-	-	-	850,000	-	-	-	-
Facility Maintenance Cap Improv	-	130,000	-	-	98,667	-	-	-
Capital Expense	1,498,189	59,193	4,990	-	-	-	-	-
Other One-time Expense	79,598	75,000	-	851,835	-	-	-	-
One-time Expenses Enhancements	-	1,717,803	-	319,190	-	-	-	-
One-time Expenditures	1,577,787	2,798,996	4,990	2,395,727	375,000	275,000	275,000	275,000
TOTAL EXPENDITURE	20,779,140	25,404,227	27,330,543	26,542,032	26,729,059	27,558,255	28,485,802	29,333,299
LESS: Est. Budget Savings**	-	-	-	-	-	-	-	-
Operating Surplus(Deficit)	4,209,542	2,470,672	56,827	2,256,091	1,701,749	1,319,891	1,006,817	788,251
Total Budget Surplus(Deficit)	4,132,921	(327,424)	51,836	(139,636)	1,326,749	1,044,891	731,817	513,251

**CITY OF SAN FERNANDO
GENERAL FUND FIVE-YEAR FORECAST
SUMMARY OF PROJECTED REVENUES AND EXPENDITURES**

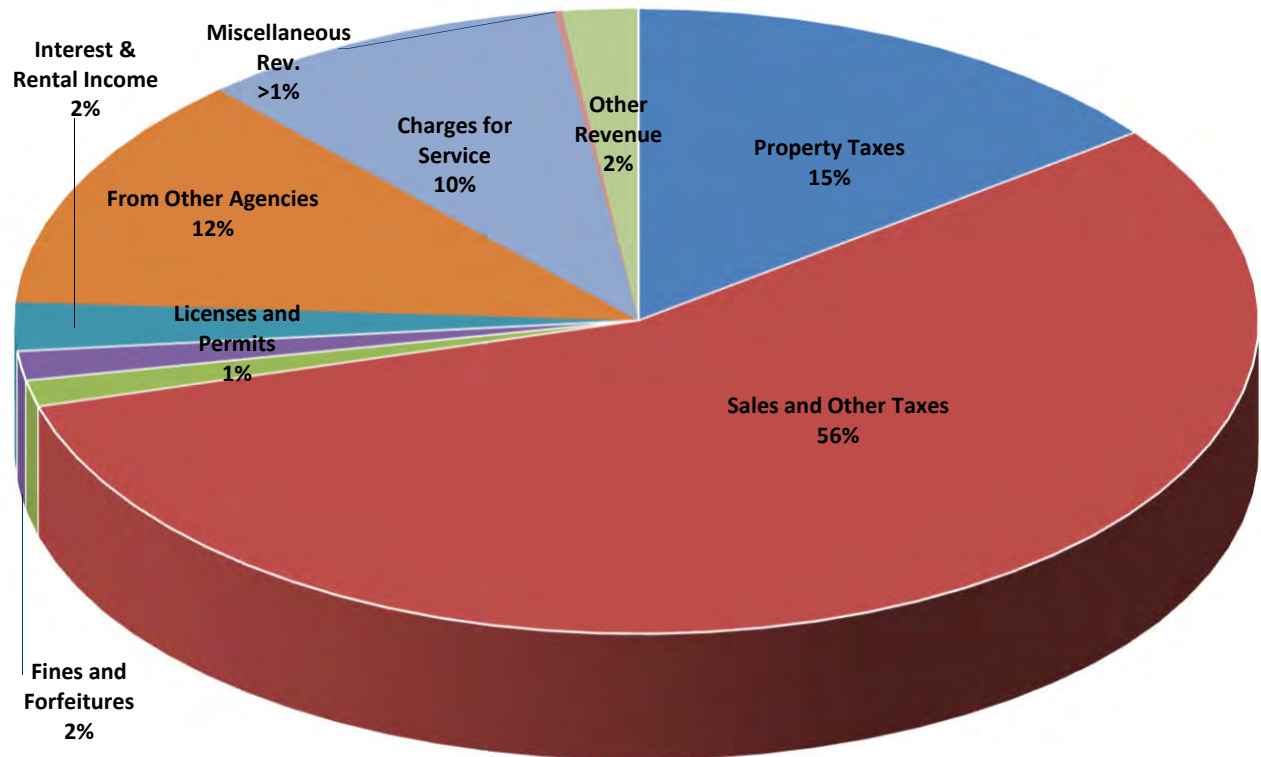
	Actual 2021	Actual 2022	Actuals 2023	Adjusted 2024	Projected 2025	Projected 2026	Projected 2027	Projected 2028
Beginning Fund Balance	6,425,544	10,558,465	10,231,041	10,339,443	10,339,443	11,666,192	12,711,083	13,442,900
Budget Surplus + Est. Savings	4,132,921	(327,424)	51,836	(139,636)	1,326,749	1,044,891	731,817	513,251
Ending Fund Balance	10,558,465	10,231,041	10,282,877	10,199,807	11,666,192	12,711,083	13,442,900	13,956,151
Reserve %	55%	45%	38%	42%	44%	47%	48%	48%

General Fund: Projected Fund Balance



**CITY OF SAN FERNANDO
GENERAL FUND
SUMMARY OF REVENUE BY TYPE - 5 YEAR HISTORY
FISCAL YEAR 2024-2025**

General Fund Revenue	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
Property Taxes	3,149,176	3,198,090	4,329,484	3,245,000	4,124,081
Sales and Other Taxes	13,141,929	15,404,302	15,704,741	15,684,475	15,671,923
Licenses and Permits	361,279	337,429	506,341	418,500	380,000
Fines and Forfeitures	498,845	433,689	418,240	444,000	425,000
Interest & Rental Income	581,430	65,778	591,106	701,761	705,000
From Other Agencies	2,818,554	2,964,015	3,142,765	2,853,000	3,452,500
Charges for Service	2,047,671	2,110,888	2,034,443	2,311,479	2,689,804
Miscellaneous Revenue	40,621	50,426	50,689	50,500	55,000
Other Revenue	2,272,556	512,186	577,233	569,500	552,500
Total Revenue	\$ 24,912,062	\$ 25,076,804	\$ 27,355,041	\$ 26,278,215	\$ 28,055,808



CITY OF SAN FERNANDO
GENERAL FUND
PROJECTED REVENUE DETAIL
FISCAL YEAR 2024-2025

Account Number & Title		2021	2022	2023	2024	As of	2024	2025
		Actuals	Actuals	Actuals	Adjusted	03/31/2023	% Rec'd	Proposed
3100	PROPERTY TAXES							
3110-0000	SECURED PROPERTY TAXES-CY	2,054,318	2,099,638	3,878,364	2,300,000	2,309,309	100%	4,074,081
3120-0000	UNSECURED PROPERTY TAXES C/Y	-	-	22,525	-	33,031	0%	-
3130-0000	PRIOR YEARS PROPERTY TAXES	(10,431)	4,997	(61,258)	-	(60,042)	0%	-
3142-0000	RESIDUAL TAX REVENUE	951,970	904,565	44,780	750,000	-	0%	-
3146-0000	CITY PASS THROUGH - TAXING ENTITY	141,580	147,125	378,666	150,000	-	0%	-
3150-0000	PROPERTY TAX PENALTIES & INT	11,738	41,766	66,406	45,000	52,730	117%	50,000
		3,149,176	3,198,090	4,329,484	3,245,000	2,335,028	72%	4,124,081
3200	SALES AND OTHER TAXES							
3210-0000	SALES AND USE TAXES	6,642,200	7,122,876	6,929,697	7,152,775	4,164,254	58%	6,820,000
3210-3201	TRANSACTION SALES TAX - 1/2 CENT	2,213,676	18,548	50,564	-	19,410	0%	-
3210-3202	MEASURE SF SALES TAX 1/4 CENT	1,155,138	4,831,172	5,063,609	5,051,000	3,014,900	60%	5,115,000
3211-0000	P.S.A.F.	232,392	295,968	279,454	286,200	163,567	57%	291,923
3230-0000	FRANCHISES	153,428	173,933	214,433	153,500	-	0%	215,000
3231-0000	CABLE TV FRANCHISE	192,172	199,774	188,885	166,000	82,739	50%	190,000
3232-0000	VEHICLE TOW FRANCHISE FEE	31,861	28,997	24,124	20,500	16,361	80%	25,000
3234-0000	REPUBLIC SERVS INC FRANCHISE FEES	363,894	373,291	506,495	399,500	379,259	95%	505,000
3240-0000	BUSINESS LICENSE TAXES	1,473,559	1,525,589	1,658,436	1,550,000	1,476,620	95%	1,700,000
3240-3243	SWAPMEET BUSINESS LICENSE	30,799	36,980	39,664	40,000	38,409	96%	40,000
3240-3245	BUSINESS LICENSE PROCESSING FEE	20,720	56,402	72,760	65,000	74,353	114%	70,000
3250-0000	DOCUMENTARY TAXES	55,869	98,098	38,113	100,000	23,613	24%	50,000
3260-0000	ADMISSION TAXES	576,220	642,675	638,509	700,000	435,447	62%	650,000
		13,141,929	15,404,302	15,704,741	15,684,475	9,888,933	63%	15,671,923
3300	LICENSES, FEES AND PERMITS							
3320-0000	CONSTRUCTION PERMITS	284,111	262,647	432,562	330,500	202,556	61%	300,000
3325-0000	COMMERCIAL AND HOME OCCUPANCY PEF	20,068	23,881	19,814	24,000	15,332	64%	21,500
3330-0000	PLANNING REVIEW	35,442	28,896	27,058	34,500	20,886	61%	30,000
3335-0000	GARAGE SALE PERMITS	1,128	1,785	1,685	2,000	1,310	66%	2,250
3345-0000	ATM TRANSACTION FEE	(514)	1,365	1,828	2,500	861	34%	2,250
3350-0000	BUSINESS LICENSE PERMITS	6,660	7,905	7,025	9,500	8,390	88%	8,000
3390-0000	BANNER AND SIGN PERMITS	14,384	10,950	16,368	15,500	13,257	86%	16,000
		361,279	337,429	506,341	418,500	262,592	63%	380,000
3400	FINES AND FORFEITS							
3410-0000	VEHICLE CODE FINES	15	524	-	-	-	0%	-
3415-0000	VEHICLE REPOSSESSION FEES	950	660	1,020	1,000	570	57%	1,000
3420-0000	GENERAL COURT FINES	4,869	4,073	4,134	5,000	2,339	47%	5,000
3425-0000	CODE ENFORCEMENT CITATIONS	16,890	12,428	18,453	13,000	18,778	144%	20,000
3430-0000	PARKING CITATIONS	476,121	416,004	394,634	425,000	249,141	59%	399,000
3435-0000	ANIMAL CONTROL VIOLATIONS	-	-	-	-	-	0%	-
		498,845	433,689	418,240	444,000	270,828	61%	425,000
3500	INTEREST INCOME							
3500-0000	INTEREST INCOME	78,123	135,569	379,349	-	30,816	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(59,377)	(779,280)	(491,500)	-	1,218,126	0%	-
3509-0000	INTEREST INCOME - LEASES	-	13,281	12,438	-	-	0%	-
3510-0000	FILMING REVENUE	540	36,239	60,331	95,000	20,586	22%	70,000
3520-0000	RENTAL INCOME	562,144	616,410	630,488	606,761	517,783	85%	635,000
3525-0000	LEASE REVENUE	-	43,559	27,133	-	-	0%	-
		581,430	65,778	591,106	701,761	1,787,312	255%	705,000

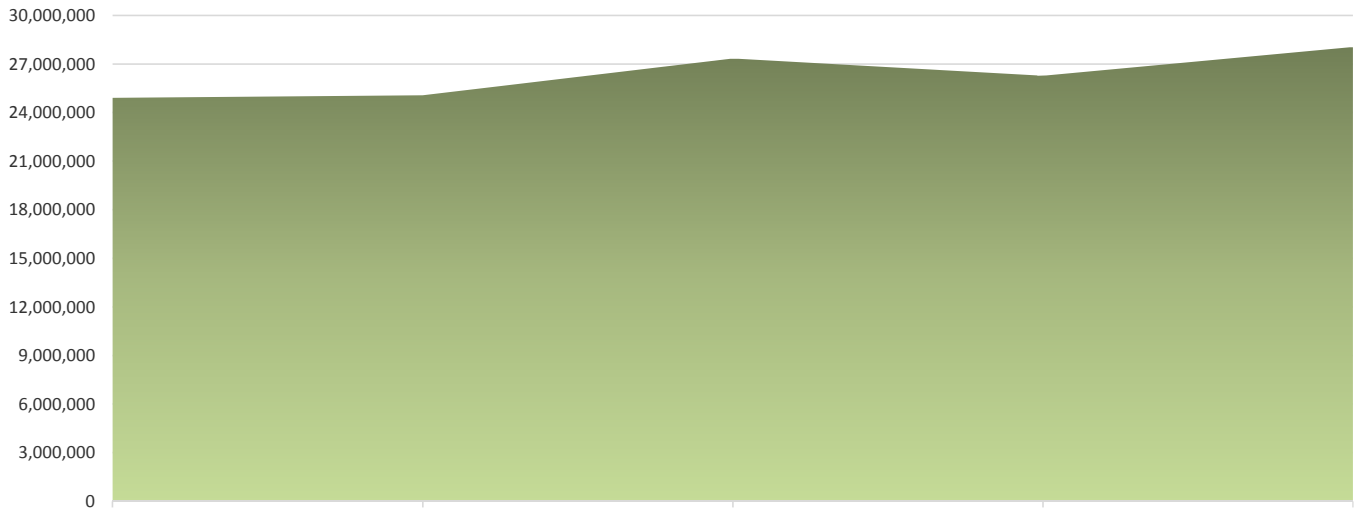
CITY OF SAN FERNANDO
GENERAL FUND
PROJECTED REVENUE DETAIL
FISCAL YEAR 2024-2025

Account Number & Title		2021	2022	2023	2024	As of	2024	2025
		Actuals	Actuals	Actuals	Adjusted	03/31/2023	% Rec'd	Proposed
3600 REVENUE FROM OTHER AGENCIES								
3605-0000	MOTOR VEHICLE IN-LIEU TAX	18,488	28,597	-	18,000	-	0%	0
3605-3110	PROP TAX IN LIEU OF MOTR VHCL LIC FEES	2,774,444	2,872,882	3,077,453	2,800,000	1,692,320	60%	3,400,000
3625-0000	HOMEOWNERS PROPERTY TAX RELIEF	8,844	8,844	15,517	10,000	7,725	77%	10,000
3655-0000	P.O.S.T. REIMBURSEMENT	4,444	17,397	25,579	11,500	4,620	40%	20,000
3668-3689	COVID-19 GLOBAL OUTBREAK	-	17,845	-	-	-	0%	-
3685-0000	CALIF REIMB FOR MANDATED COSTS	10,223	11,586	13,029	6,000	42	1%	15,000
3688-0000	CORRECTIONS TRAINING	2,112	6,864	6,952	7,500	5,947	79%	7,500
3690-0000	REDEVELOPMENT AGENCY REIMB.	-	-	-	-	-	0%	-
3696-3641	COPS HIRING PROGRAM	-	-	-	-	-	0%	-
3699-0000	MISCELLANEOUS REIMBURSEMENTS	-	-	4,235	-	-	0%	-
		2,818,554	2,964,015	3,142,765	2,853,000	1,710,654	60%	3,452,500
3700 CHARGES FOR SERVICES								
3705-0000	ZONING & PLANNING FEES	109,026	123,914	117,395	129,000	129,282	100%	150,000
3706-0000	PUBLIC NOTIFICATION FEES	-	247	775	500	1,281	256%	1,000
3708-0000	ENVIRONMENTAL ASSESSMENT FEES	-	4,800	-	2,000	7,920	396%	5,000
3710-0000	DUPLICATING FEES	15,850	19,050	20,363	21,000	14,020	67%	20,000
3712-0000	CODE ENFORCEMENT INSPECTION ORDERS	3,782	6,687	4,704	6,000	1,769	29%	5,000
3714-0000	INSPECTION UPON RESALE PROGRAM	22,800	26,880	14,640	24,000	11,724	49%	20,000
3715-0000	SPECIAL POLICE SERVICES	149,683	95,012	101,185	150,000	65,192	43%	450,000
3715-0039	TREASURY FORFEITURE	-	1,047	-	-	-	0%	-
3720-0000	FINGERPRINT SERVICES	33,020	30,368	33,103	35,500	24,205	68%	35,000
3723-0000	DUI RECOVERY COST PROGRAM	-	-	1,004	-	-	0%	-
3725-0000	BOOKING & PROCESSING FEE REIMB	10,870	3,910	22	-	-	0%	-
3726-0000	VEHICLE INSPECTION FEES	4,940	2,330	3,780	4,500	3,305	73%	5,000
3728-0000	VENDOR INSPECTION FEES	8,013	19,620	24,386	17,500	20,135	115%	25,000
3730-0000	ENGINEERING & INSPECTION FEES	94,530	119,760	55,051	104,500	58,576	56%	75,000
3738-0000	SPECIAL EVENT SERVICES	-	-	-	-	-	0%	-
3740-0000	WEED ABATEMENT	16,951	-	-	-	-	0%	-
3777-0000	FACILITY RENTAL	1,319	30,594	68,940	30,500	72,237	237%	75,000
3780-0000	COURT COMMITMENT PROGRAM	22,051	41,197	16,550	40,000	2,250	6%	20,000
3781-0000	IMPOUNDED VEHICLES	31,775	31,889	25,970	29,500	17,922	61%	30,385
3783-0000	VEHICLE ADMIN. PROCESSING FEE	7,630	9,205	6,325	9,000	3,500	39%	9,000
3785-0000	ALARM FEES	28,479	27,047	27,448	31,500	18,568	59%	35,000
3789-0000	POLICE ADMINISTRATIVE FEES	813	568	3,951	500	1,417	283%	1,000
3795-0000	ADMINISTRATIVE OVERHEAD	1,486,139	1,516,764	1,508,850	1,675,979	1,117,319	67%	1,728,419
		2,047,671	2,110,888	2,034,443	2,311,479	1,570,622	68%	2,689,804
3800 MISCELLANEOUS REVENUE								
3855-0000	PARKING METER REV-CIVIC CENTER	40,621	50,426	50,689	50,500	40,130	79%	55,000
3890-0195	RELAY FOR LIFE	-	-	-	-	-	0%	-
		40,621	50,426	50,689	50,500	40,130	79%	55,000

**CITY OF SAN FERNANDO
GENERAL FUND
PROJECTED REVENUE DETAIL
FISCAL YEAR 2024-2025**

Account Number & Title	2021 Actuals	2022 Actuals	2023 Actuals	2024 Adjusted	As of 03/31/2023	2024 % Rec'd	2025 Proposed
3900 OTHER REVENUE							
3900-0000 OTHER REVENUE	-	-	-	-	-	0%	-
3901-0000 MISCELLANEOUS REVENUE	62,998	35,119	14,276	32,000	36,077	113%	15,000
3910-0000 SALE OF PROPERTY & EQUIPMENT	1	900	-	-	8,400	0%	-
3920-0000 GENERAL CITY ELECTION	2,976	-	-	-	3,000	0%	-
3930-0000 MALL MAINTENANCE LEVY	-	-	-	-	-	0%	-
3945-0000 BOND/LOAN PROCEEDS	1,498,189	-	-	-	-	0%	-
3947-0000 SA ADMINISTRATIVE COST ALLOWANCE	250,000	-	-	-	-	0%	-
3949-0000 SOLID WASTE ADMIN FEES	193	361	126	500	980	196%	250
3950-0000 PROPERTY DAMAGE REIMBURSEMENT	6,204	323	40,586	15,000	9,075	60%	15,000
3960-0000 AREA B ASSESSMENT ADMIN LEVY	1,996	2,443	2,245	2,000	1,934	97%	2,250
3961-0000 TRANSFER FROM GAS TAX FUND	205,000	228,036	250,000	250,000	166,667	67%	250,000
3963-0000 TRANSFER FROM TRAFFIC SAFETY	-	-	-	-	-	0%	-
3972-0000 TRNSFR FROM COPS SLESF FUND 2	125,000	125,004	150,000	150,000	100,000	67%	150,000
3976-0000 TRANSFER-FIRE RETIREMENT TRNSF	-	-	-	-	-	0%	-
3978-0000 TRANS FROM RETIREMENT TAX FUND	-	-	-	-	-	0%	-
3979-0000 TRANSFER FROM PAVEMENT MGMT	-	-	-	-	-	0%	-
3992-0000 TRANSFER FROM SEWER	60,000	60,000	60,000	60,000	40,000	67%	60,000
3995-0000 TRANSFER FROM THE WATER FUND	60,000	60,000	60,000	60,000	40,000	67%	60,000
	2,272,556	512,186	577,233	569,500	406,132	71%	552,500
TOTAL GENERAL FUND PROJECTED REVENUE	\$ 24,912,062	\$ 25,076,804	\$ 27,355,041	\$ 26,278,215	\$ 18,272,232	70%	\$ 28,055,808

General Fund Revenue History



GENERAL FUND
SUMMARY OF APPROPRIATIONS BY DIVISION - 5 YEAR HISTORY
FISCAL YEAR 2024-2025

	2021	2022	2023	2024	2025
CITY MANAGER'S OFFICE	Actual	Actual	Actual	Adjusted	Proposed
001-101 City Council	155,139	218,120	167,760	254,491	220,589
001-105 Administration	420,362	532,325	732,876	708,025	767,662
001-106 Personnel ¹	392,400	462,976	534,929	569,646	-
001-107 Economic Development ²	-	-	48,723	308,116	348,193
001-110 City Attorney	225,347	242,830	306,165	270,000	275,625
001-112 Labor Attorney ³	114,445	195,760	370,710	150,000	-
001-500 Fire Services - Contract	2,819,881	3,193,147	3,062,793	3,217,325	3,350,000
Total City Manager's Office	4,127,574	4,845,158	5,223,955	5,477,603	4,962,069

	2021	2022	2023	2024	2025
CITY CLERK	Actual	Actual	Actual	Adjusted	Proposed
001-115 City Clerk	280,973	349,537	367,354	414,333	418,249
001-116 Elections	47,301	2,322	38,678	68,000	3,000
Total City Clerk	328,274	351,859	406,033	482,333	421,249

	2021	2022	2023	2024	2025
ADMINISTRATIVE SERVICES	Actual	Actual	Actual	Adjusted	Proposed
001-130 Finance	731,350	747,198	972,736	1,053,657	1,084,042
001-131 Treasury	89,427	-	-	-	-
001-133 Human Resources/Risk Mgmt ¹	-	-	-	-	571,503
001-135 Information Technology	365,450	425,887	518,741	718,519	687,491
001-180 Retirement Health Premiums	1,011,782	1,038,911	993,648	1,500,000	1,500,000
001-190 Non-Departmental	858,048	2,310,424	3,375,457	803,208	1,219,951
001-112 Labor Attorney	-	-	-	-	79,375
Total Administrative Services	3,056,057	4,522,421	5,860,582	4,075,384	5,142,362

	2021	2022	2023	2024	2025
COMMUNITY DEVELOPMENT	Actual	Actual	Actual	Adjusted	Proposed
001-140 Building and Safety	191,954	83,569	122,623	227,357	214,637
001-150 Planning/Administration	433,013	391,683	558,015	463,805	396,847
001-151 Economic Development	42,065	33,955	-	-	-
001-152 Community Preservation	527,313	387,771	492,999	763,947	704,706
001-155 Low/Moderate Income Housing	-	-	70,363	207,812	208,683
Total Community Development	1,194,346	896,978	1,244,000	1,662,921	1,524,873

	2021	2022	2023	2024	2025
POLICE	Actual	Actual	Actual	Adjusted	Proposed
001-222 Administration	1,127,825	1,384,071	1,596,093	1,821,036	1,586,156
001-224 Detectives	1,163,289	1,247,076	1,220,718	1,212,229	1,056,032
001-225 Patrol	6,817,236	6,394,565	7,656,286	7,053,808	7,339,449
001-226 Reserves/Explorers	50,458	62,281	104,834	73,528	112,968
001-230 Community Service	306,590	226,198	291,754	317,833	294,644
001-250 Emergency Services	-	3,742	1,128	5,250	5,250
Total Police Department	9,465,397	9,317,932	10,870,812	10,483,684	10,394,499

GENERAL FUND
SUMMARY OF APPROPRIATIONS BY DIVISION - 5 YEAR HISTORY
FISCAL YEAR 2024-2025

	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
PUBLIC WORKS					
001-310 Administration	623,282	736,703	951,596	894,526	851,319
001-311 Street Maintenance	430,104	250,118	641,812	745,449	883,794
001-312 Graffiti Removal	-	-	45,021	81,383	69,128
001-320 Equipment Maintenance	2,012	2,441	-	-	-
001-343 Street Sweeping	34,700	34,700	36,455	36,435	36,435
001-346 Streets, Trees, & Parkways	60,782	116,244	111,631	426,000	172,104
001-370 Traffic Safety	142,921	89,505	282,549	330,612	294,287
001-371 Traffic Signals	57,837	81,898	-	-	-
001-390 Facility Maintenance	163	804	-	-	-
Total Public Works	1,351,801	1,312,414	2,069,065	2,514,404	2,307,067

	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
RECREATION & COMM SERVICES					
001-420 Administration	723,152	534,805	481,047	390,461	405,238
001-422 Community Services	113,196	117,395	235,015	319,482	430,001
001-423 Recreation	354,470	523,929	718,698	732,798	837,896
001-424 Special Events	64,871	182,341	221,133	420,288	303,806
001-430 Aquatics	-	-	203	-	-
Total Recreation & Comm Services	1,255,689	1,358,469	1,656,096	1,863,029	1,976,941

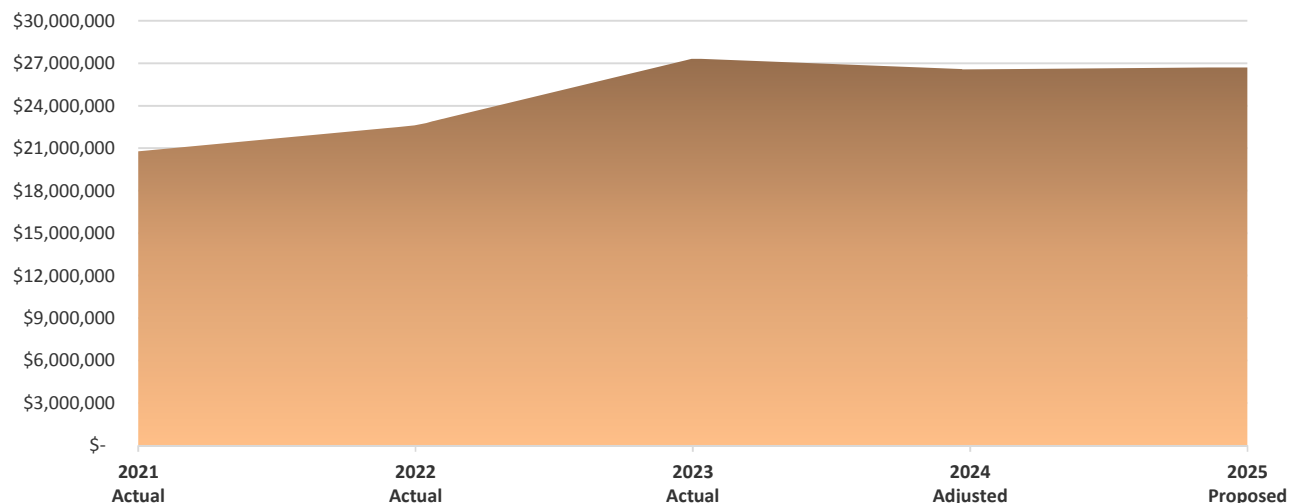
TOTAL GENERAL FUND	\$ 20,779,138	\$ 22,605,231	\$ 27,330,543	\$ 26,559,357	\$ 26,729,059
---------------------------	----------------------	----------------------	----------------------	----------------------	----------------------

¹ Personnel Division recommended to be moved from City Manager's Office to Administrative Services in FY 2024-2025

² Economic Development Division moved from Community Development to City Manager's Office in FY 2022-2023

³ Labor Attorney Contract recommended to be moved from City Manager's Office to Administrative Services in FY 2024-2025

General Fund Expenditure History



CITY OF SAN FERNANDO
GENERAL FUND
SUMMARY OF APPROPRIATIONS BY DIVISION - BY TYPE
FISCAL YEAR 2024-2025

The total budget for each General Fund division, by department. This summary provides an overview of each division's budget in each of the four main categories: Personnel, Maintenance and Operating Expenses (M & O), Capital/Transfers, and Internal Service Charges.

CITY MANAGER'S OFFICE		Personnel	Operating	Capital Expenses	Internal Svc. Chrg.	Total Budget
01-101	City Council	154,757	45,000	-	20,832	220,589
01-105	Administration	661,188	30,393	-	76,081	767,662
01-106	Personnel	-	-	-	-	-
01-107	Economic Development	267,609	53,600	-	26,984	348,193
01-110	City Attorney	-	275,625	-	-	275,625
01-112	Labor Attorney	-	-	-	-	-
01-500	Fire Services - Contract	-	3,350,000	-	-	3,350,000
Total City Manager's Office		1,083,554	3,754,618	-	123,897	4,962,069

CITY CLERK		Personnel	Operating	Capital Expenses	Internal Svc. Chrg.	Total Budget
01-115	City Clerk	345,670	28,944	-	43,635	418,249
01-116	Elections	-	3,000	-	-	3,000
Total City Clerk Department		345,670	31,944	-	43,635	421,249

ADMINISTRATIVE SERVICES		Personnel	Operating	Capital Expenses	Internal Svc. Chrg.	Total Budget
01-130	Finance	766,275	214,514	-	103,253	1,084,042
01-133	Human Resources	454,014	46,935	-	70,554	571,503
01-135	Information Technology	182,735	482,399	-	22,357	687,491
01-180	Retirement Health Premiums	1,500,000	-	-	-	1,500,000
01-190	Non-Departmental	448,555	388,978	-	382,418	1,219,951
01-112	Labor Attorney	-	79,375	-	-	79,375
Total Finance Department		3,351,579	1,212,201	-	578,582	5,142,362

COMMUNITY DEVELOPMENT		Personnel	Operating	Capital Expenses	Internal Svc. Chrg.	Total Budget
01-140	Building and Safety	145,546	48,761	-	20,330	214,637
01-150	Planning/Administration	302,560	50,400	-	43,887	396,847
01-152	Community Preservation	541,215	41,600	-	121,891	704,706
01-155	Low/Moderate Income Housing	177,987	5,500	-	25,196	208,683
Total Community Development		1,167,308	146,261	-	211,304	1,524,873

POLICE		Personnel	Operating	Capital Expenses	Internal Svc. Chrg.	Total Budget
01-222	Police Admin	1,147,002	224,249	-	214,905	1,586,156
01-224	Detectives	813,091	20,116	-	222,825	1,056,032
01-225	Patrol	6,274,046	74,890	-	990,513	7,339,449
01-226	Reserves/Explorers	75,665	13,350	-	23,953	112,968
01-230	Community Service	243,851	315	-	50,478	294,644
01-250	Emergency Services	-	5,250	-	-	5,250
Total Police Department		8,553,655	338,170	-	1,502,674	10,394,499

**CITY OF SAN FERNANDO
GENERAL FUND
SUMMARY OF APPROPRIATIONS BY DIVISION - BY TYPE
FISCAL YEAR 2024-2025**

The total budget for each General Fund division, by department. This summary provides an overview of each division's budget in each of the four main categories: Personnel, Maintenance and Operating Expenses (M & O), Capital/Transfers, and Internal Service Charges.

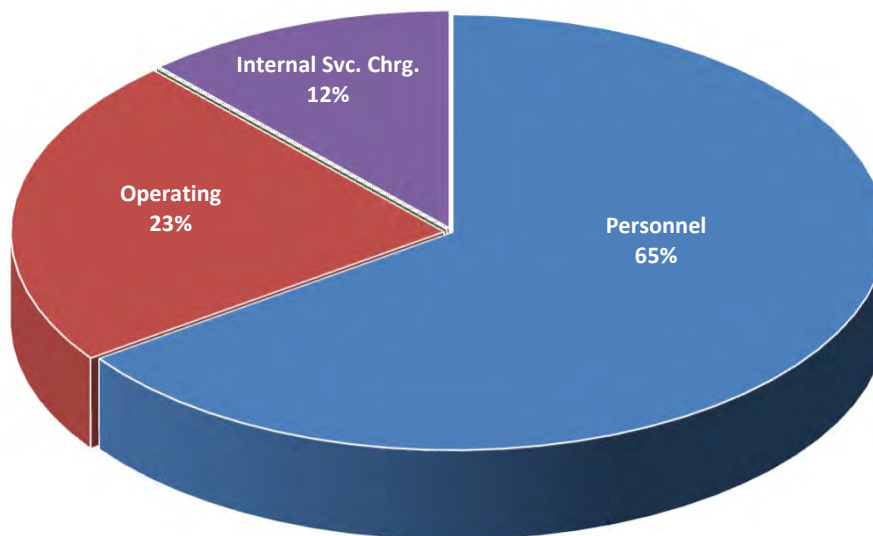
	PUBLIC WORKS	Personnel	Operating	Capital Expenses	Internal Svc. Chrg.	Total Budget
01-310	Administration	549,736	228,727	-	72,856	851,319
01-311	Street Maintenance	554,934	151,568	-	177,292	883,794
01-312	Graffiti Removal	46,335	12,520	-	10,273	69,128
01-343	Street Sweeping	-	36,435	-	-	36,435
01-346	Streets, Trees, & Parkways	138,557	10,500	-	23,047	172,104
01-370	Traffic Safety	162,760	49,708	-	81,819	294,287
01-371	Traffic Signals	-	-	-	-	-
	Total Public Works	1,452,322	489,458	-	365,287	2,307,067

	RECREATION & COMM SERVICES	Personnel	Operating	Capital Expenses	Internal Svc. Chrg.	Total Budget
01-420	Administration	296,707	60,117	-	48,414	405,238
01-422	Community Services	351,260	17,450	-	61,291	430,001
01-423	Recreation	661,969	12,173	-	163,754	837,896
01-424	Cultural Arts and Special Events	153,904	121,680	-	28,222	303,806
	Total Recreation & Comm Services	1,463,840	211,420	-	301,681	1,976,941

TOTAL GENERAL FUND	\$ 17,417,928	\$ 6,184,071	\$ -	\$ 3,127,060	\$ 26,729,059
---------------------------	----------------------	---------------------	-------------	---------------------	----------------------

**Excludes Special Revenue and Enterprise Funded expenditures.*

General Fund Expenses by Type



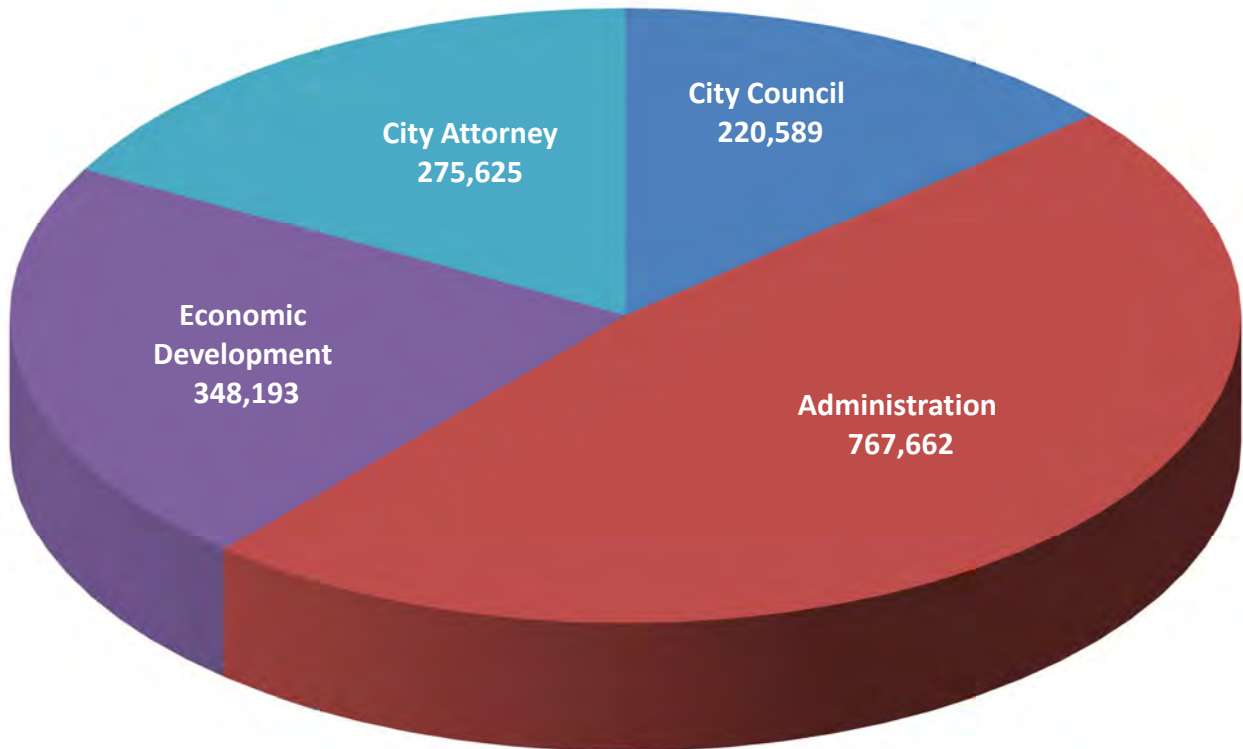


PAGE INTENTIONALLY
LEFT BLANK



SECTION IV. DEPARTMENT BUDGETS

CITY MANAGER'S OFFICE



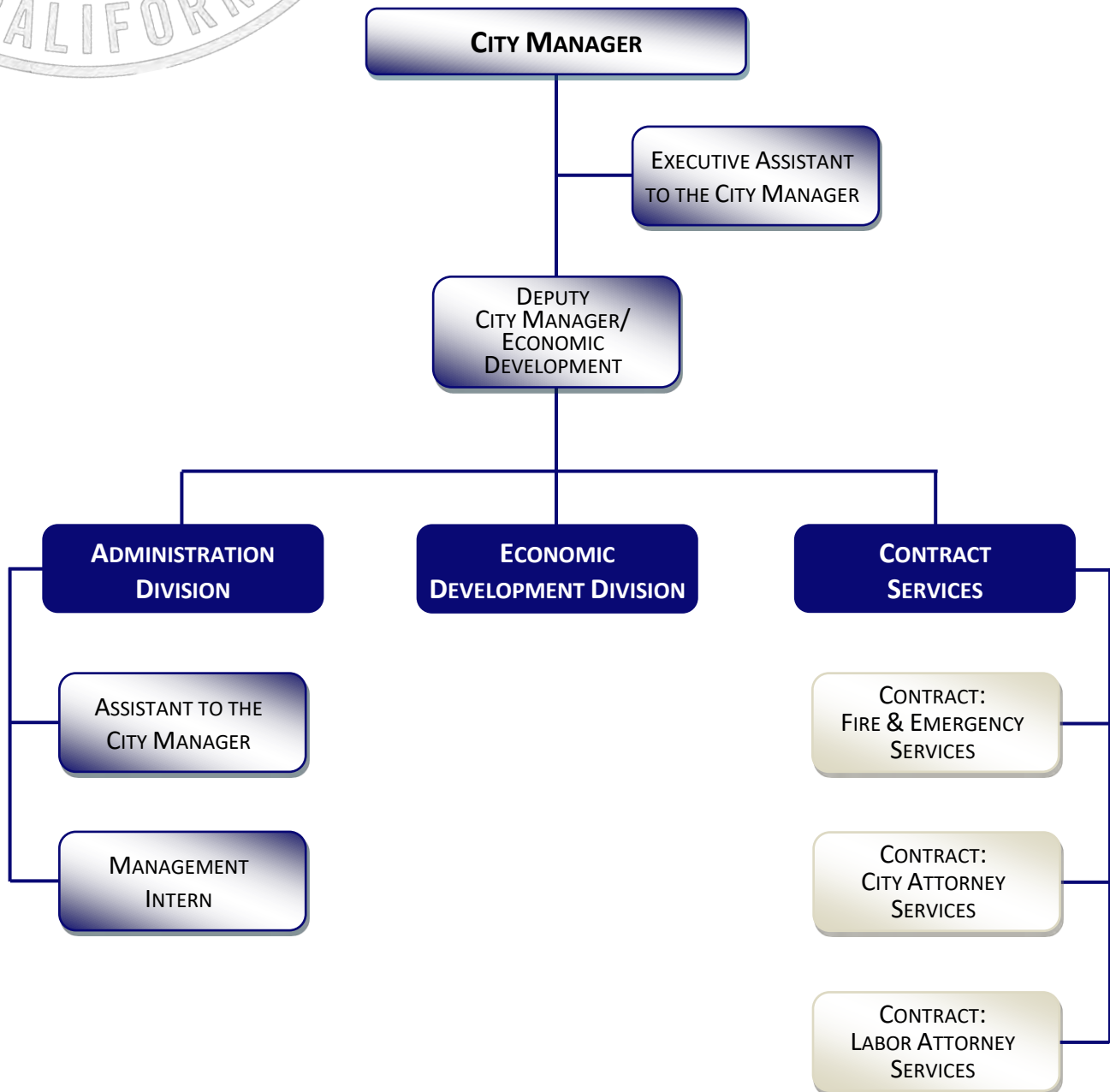


THE CITY OF SAN FERNANDO

ORGANIZATIONAL CHART

CITY MANAGER'S OFFICE

FISCAL YEAR 2024-2025



CONTRACT

MISSION STATEMENT

The mission of the City Manager's Office is to sustain and enhance the quality of life in San Fernando and create a vibrant and economically sustainable community by implementing City Council policies, developing and maintaining responsive City programs and services within approved budgetary guidelines, providing leadership to City staff, maintaining and planning for fiscal integrity, and fostering strong relationships with local and regional businesses and governmental agencies.

DEPARTMENT OVERVIEW

The City Manager's Office includes Economic Development, and management of the City Attorney, Labor Attorney and Fire and Emergency Medical Services contracts. The City Manager's Office is responsible for managing day-to-day operations of the City, including, but not limited to, facilitating quality City service delivery to internal and external customers, coordinating inter-departmental cooperation, implementing economic development policies and programs, and guiding overall fiscal policy.

ACCOMPLISHMENTS FOR FY 2023-2024

1. Moved City Council's Strategic Goals forward by supporting City Council Ad Hoc Committee Meetings, facilitating strong community outreach (including social media and email campaigns), and pursuing grant funding throughout the fiscal year. See *Performance Measures* section for number of Ad Hoc Committee Meetings supported, community engagement statistics, and grant funding received. (Strategic Goals I.1 and VII.4)
2. Initiated the Downtown Master Plan to help guide future developments and champion place-making efforts to revitalize the City's historic downtown and commercial corridors. The Downtown Master Plan kicked off in November 2023 and staff is working with a City Council Ad Hoc Committee and Community Advisory Committee to move the Plan forward. Community engagement efforts began in December 2023 through a community survey and continued in April 2024 through Community Advisory Committee meetings and a Walkshop. The Plan is tentatively scheduled to be adopted in fiscal year 2024-2025. (Strategic Goal II.2)
3. Hosted a Grand Opening Event on December 6, 2023 to promote the new Business and Community Resource Center (BCRC) in City Hall to connect businesses and residents with available technical and financial resources to help improve the quality of life for residents, business community, and visitors of San Fernando. The BCRC houses the Deputy City Manager/Economic Development, Housing Coordinator, and Social Services Coordinator and provides office space for City partners with North Valley Caring Services (Homeless Outreach), Home Again LA (Housing Support Services), and ICON CDC (small business support). (Strategic Goals I.5, I.6, II.1, and II.3)
4. Collaborated with Metro, Metrolink, and the California Public Utility Commission (CPUC) to ensure the additional traffic and safety studies for the San Fernando segment of the East San Fernando Valley Light Rail Transit project are comprehensive and adequate mitigation measures are

ACCOMPLISHMENTS FOR FY 2023-2024

implemented prior to moving forward with construction of Phase 2. Metro staff is tentatively scheduled to provide a status update of traffic and safety studies, as well as next steps, to City Council in May 2024. Additionally, staff met with Metro, Metrolink, and CPUC on multiple occasions to discuss railroad crossing safety and will be collaborating to request funding to increase pedestrian and vehicle safety at crossings. (Strategic Goal V.2)

5. Completed executive recruitments and successfully filled the Director of Community Development in August 2023, Director of Public Works in November 2023, and Director of Recreation and Community Services in February 2024. Completed labor negotiations with San Fernando Police Officers' Association (SFPOA) in November 2023 and San Fernando Police Management Unit (SFPMU) in May 2024, as well as a new Executive Compensation Resolution for Executive Management in February 2024. These multi-year agreements provide fair and competitive compensation for City employees while promoting labor relations and stability within the organization. (Strategic Goal VII.3.)
6. Continued to enhance legislative advocacy efforts, pursuant to the Legislative Advocacy Policy, by updating the Legislative Platform for 2024 priorities and federal/state budget allocation requests, submitting letters of support/opposition to local legislators in accordance with the 2024 priorities, and providing letters of support to local organizations pursuing funding opportunities that will benefit the San Fernando community. See *Performance Measures* section for number of Legislative Advocacy Letters submitted. (Strategic Goal I.6, IV.4, and V.5)

Enhancement to Services:

7. Employee Recognition Program. (\$1,000) (Strategic Goal II.3)
In August 2023, the City hosted a summer employee picnic at Las Palmas Park that included food, games, and fund for employees and their families, which was attended by approximately 25 staff and their families. In December 2023, the City hosted an Employee Holiday Luncheon that included food and raffle prizes, which was attended by more than 90 staff. The City Manager has also created an Employee Recognition Committee to develop recommendations for awards and events.

OBJECTIVES FOR FY 2024-2025

1. Move City Council's Strategic Goals forward by supporting City Council Ad Hoc Committees, managing the Community Engagement Framework, engaging in legislative advocacy, and pursuing grant funding and initiate the strategic goal visioning process for the City Council's next five-year period. (Strategic Goal I.1, I.6, IV.4, V.5 and VII.4)

OBJECTIVES FOR FY 2024-2025

2. Complete the Downtown Master Plan, serving as a tool to help guide future developments and champion place-making efforts to revitalize the City's historic downtown and commercial corridors. (Strategic Goal II.2)
3. Increase customer access to City information and services by completing the website redesign project and fully implementing the *My San Fernando* mobile application. (Strategic Goal I.1 and I.3)
4. Complete labor negotiations with San Fernando Management Group (SFMG), San Fernando Police Civilians Association (SFPCA) and San Fernando Part-Time Bargaining Unit (SFPTBU) for successor MOUs to promote labor relations and financial stability within the organization. (Strategic Goal VII.3.)
5. Continue efforts to evolve the organization by emphasizing training and professional development, coaching employees on Core Values, establishing clear performance and service expectations, and fully implementing the Community Engagement Framework. (Strategic Goal I)
6. Continue to enhance the Business and Community Resource Center through new services and strengthened relationships. (Strategic Goal II).

Proposed Enhancement to Services:

7. Marketing Materials for Business and Community Resource Center (BCRC): \$2,000 - One-Time (Strategic Goal I.)

To foster stronger connections with both the community and local businesses, the City plans to invest in refreshed marketing materials. This includes acquiring a new pop-up banner, portable PA system, branded table covers, engaging giveaways and a self-help kiosk.

PERFORMANCE MEASURES

ADMINISTRATION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Net New Business Licenses	205	176	200	200	210
B. \$ of Sales and Business Tax Revenue	\$11,536,092*	\$13,591,564	\$13,114,217	\$13,824,838	\$14,039,785
C. \$ of Grants Received	\$20,268,333	\$12,204,613	\$19,390,753	\$20,000,000	\$15,000,000
D. # of Agenda Items Presented to Council	248	246	236	250	250
E. # City Council Ad Hoc Meetings Supported	**	**	35	20	30
F. # of Social Media Posts	2,297	2,403	2,989	3,200	3,350
G. # of Email Engagement Campaigns	134	170	225	223	235
H. # Legislative Advocacy Letters	10	15	18	36	40
I. # Professional Development Hours Completed	**	**	**	93	100

* FY 2021 Includes 1st Year of Measure SF Funding

** Not Previously Tracked

FUNDING SUMMARY FOR FY 2024-2025
SOURCES:

	2021	2022	2023	2024	2025
CITY MANAGER'S OFFICE	Actual	Actual	Actual	Adjusted	Proposed
General Revenue	4,127,574	4,845,158	5,223,955	5,477,603	4,962,069
TOTAL FUNDING SOURCES	4,127,574	4,845,158	5,223,955	5,477,603	4,962,069

USES:

	2021	2022	2023	2024	2025
CITY MANAGER'S OFFICE	Actual	Actual	Actual	Adjusted	Proposed
01-101 City Council	155,139	218,120	167,760	254,491	220,589
01-105 Administration	420,362	532,325	732,876	708,025	767,662
01-106 Personnel ⁽¹⁾	392,400	462,976	534,929	569,646	-
01-107 Economic Development ⁽²⁾	-	-	48,723	308,116	348,193
01-110 City Attorney	225,347	242,830	306,165	270,000	275,625
01-112 Labor Attorney ⁽³⁾	114,445	195,760	370,710	150,000	-
01-500 Fire Services - Contract	2,819,881	3,193,147	3,062,793	3,217,325	3,350,000
TOTAL FUNDING USES	4,127,574	4,845,158	5,223,955	5,477,603	4,962,069

PERSONNEL:

	2021	2022	2023	2024	2025
CITY MANAGER'S OFFICE	Actual	Actual	Actual	Adjusted	Proposed
City Manager	1.00	1.00	1.00	1.00	1.00
Deputy City Manager/Econ. Development	0.00	0.00	1.00	1.00	1.00
Assistant to the City Manager	0.00	1.00	1.00	1.00	1.00
Economic Development Manager	0.00	1.00	0.00	0.00	0.00
Executive Assistant to the City Manager	1.00	1.00	1.00	1.00	1.00
Management Intern	0.00	0.46	0.46	0.46	0.46
Personnel Manager ⁽¹⁾	1.00	1.00	1.00	1.00	0.00
Personnel Technician ⁽¹⁾	1.00	1.00	1.00	1.00	0.00
Personnel Assistant ⁽¹⁾	0.70	1.00	1.00	1.00	0.00
Office Clerk (FTE) ⁽¹⁾	0.00	0.00	0.46	0.46	0.00
TOTAL CITY MANAGER'S OFFICE PERSONNEL	4.70	7.46	7.92	7.92	4.46

¹ Personnel Division recommended to be moved from City Manager's Office to Administrative Services in FY 2024-2025

² Economic Development Division moved from Community Development to City Manager's Office in FY 2022-2023

³ Labor Attorney Contract recommended to be moved from City Manager's Office to Administrative Services in FY 2024-2025

CITY COUNCIL**DIVISION No. 101****DIVISION OVERVIEW**

Serving as the City's legislative body, the City Council establishes policy for the City. Its members are elected at large on a nonpartisan basis to four-year overlapping terms. The Mayor is a member of the City Council that is selected annually by their peers, and acts as the ceremonial head of the City.

The City Council also sits as the Board of Directors for the Public Financing Authority and Parking Authority. Individual Councilmembers also serve on various regional and local organizations to collaborate or to voice concerns on issues that may affect San Fernando's quality of life.

The City Council has the authority to create advisory bodies on matters of policy and to regularly appoint residents to serve on City's boards and commissions. Regular City Council meetings are held on the first and third Monday of every month. Special and adjourned meetings are conducted on an as-needed basis.

Dept: City Manager's Office
Div: City Council

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Adopted
001-101-0000-4101	SALARIES-PERMANENT EMPLOYEES	63,285	61,879	59,195	42,125	27,497	65%	36,040
001-101-0000-4111	COMMISSIONER'S REIMBURSEMENT	-	3,000	2,750	3,000	1,250	42%	3,000
001-101-0000-4120	O.A.S.D.I.	6,192	6,063	5,905	6,244	2,941	47%	5,454
001-101-0000-4126	HEALTH INSURANCE	34,862	27,438	30,048	46,673	13,768	29%	64,736
001-101-0000-4128	DENTAL INSURANCE	5,148	3,729	3,940	-	1,414	0%	2,023
001-101-0000-4130	WORKER'S COMPENSATION INS.	956	1,677	3,485	-	2,686	0%	7,129
001-101-0000-4136	OPTICAL INSURANCE	1,006	669	672	-	232	0%	675
001-101-0000-4138	LIFE INSURANCE	423	450	468	468	234	50%	450
001-101-0101-4140	WELLNESS BENEFIT - S. BALLIN	600	600	600	-	-	0%	-
001-101-0102-4140	WELLNESS BENEFIT - H. PACHECO	600	389	103	-	-	0%	-
001-101-0103-4140	WELLNESS BENEFIT - J. FAJARDO	600	-	600	750	-	0%	750
001-101-0104-4140	WELLNESS BENEFIT C. RODRIGUEZ	-	-	271	750	-	0%	750
001-101-0107-4140	WELLNESS BENEFIT M. MENDOZA	-	141	600	750	-	0%	750
001-101-0108-4140	WELLNESS BENEFIT - C. MONTANEZ	-	-	-	750	-	0%	-
001-101-0113-4140	WELLNESS BENEFIT - M. SOLORIO	-	-	-	750	-	0%	750
001-101-0114-4140	WELLNESS BENEFIT - V. GARCIA	-	-	-	-	-	0%	750
001-101-0000-4141	TECHNOLOGY ALLOWANCE	-	-	-	-	-	0%	7,500
001-101-0000-4142	AUTOMOBILE ALLOWANCE	-	-	-	-	-	0%	24,000
Personnel Costs		113,672	106,034	108,637	102,260	50,022	49%	154,757
001-101-0000-4260	CONTRACTUAL SERVICES	-	19,325	50	-	-	0%	-
001-101-0000-4270	PROFESSIONAL SERVICES	2,202	3,750	4,400	72,500	14,672	20%	8,500
001-101-0000-4300	DEPARTMENT SUPPLIES	1,097	5,140	6,530	5,075	3,757	74%	8,000
001-101-0000-4370	MEETINGS, MEMBERSHIPS & TRAVEL	-	500	-	-	-	0%	-
001-101-0000-4390	MILEAGE REIMBURSEMENT	18,187	18,048	18,187	18,500	11,077	60%	-
001-101-0000-4430	ACTIVITIES & PROGRAMS	-	-	-	2,500	1,239	50%	-
001-101-0101-4370	MEETINGS & TRAVEL - S. BALLIN	-	3,531	-	-	-	0%	-
001-101-0101-4380	SUBSCRIPTIONS, DUES & MMBRSHIPS	-	100	-	-	-	0%	-
001-101-0102-4220	PHONE & PAGER - H. PACHECO	618	603	341	-	-	0%	-
001-101-0102-4370	MEETINGS & TRAVEL - H. PACHECO	-	3,346	-	-	-	0%	-
001-101-0103-4220	PHONE & PAGER - J. FAJARDO	111	-	-	-	-	0%	-
001-101-0103-4370	MEETINGS & TRAVEL - J. FAJARDO	-	-	-	5,000	-	0%	5,000
001-101-0103-4380	SUBSCRIPTIONS, DUES & MMBRSHIPS	-	-	-	700	-	0%	700
001-101-0104-4370	MEETINGS & TRAVEL - C RODRIGUEZ	25	4,425	1,503	5,000	3,896	78%	5,000
001-101-0104-4380	MEMBERSHIPS & SUBSCRIPTIONS - C RODRIGUEZ	1,000	-	-	700	-	0%	700
001-101-0107-4370	MEETINGS & TRAVEL - M MENDOZA	50	4,125	1,417	5,000	2,770	55%	5,000
001-101-0107-4380	MEMBERSHIPS & SUBSCRIPTIONS - M MENDOZA	100	-	-	700	-	0%	700
001-101-0108-4220	PHONE & PAGER - C. MONTANEZ	242	552	614	-	260	0%	-
001-101-0108-4370	MEETINGS & TRAVEL - C. MONTANEZ	-	-	-	5,000	-	0%	-
001-101-0108-4380	SUBSCRIPTIONS, DUES & MMBRSHIPS - C. MONTANEZ	-	-	-	700	-	0%	-
001-101-0113-4370	MEETINGS & TRAVEL - M. SOLORIO	-	-	1,447	5,000	2,194	44%	5,000
001-101-0113-4380	SUBSCRIPTION DUES - M. SOLORIO	-	-	-	700	-	0%	700
001-101-0114-4370	MEETINGS & TRAVEL - V. GARCIA	-	-	-	-	-	0%	5,000
001-101-0114-4380	MEMBERSHIPS & SUBSCRIPTIONS - V. GARCIA	-	-	-	-	-	0%	700
001-101-3689-4126	COVID-19 GLOBAL OUTBREAK	2,329	2,329	-	-	-	0%	-
Operations & Maintenance Costs		25,961	65,774	34,489	127,075	39,866	31%	45,000
001-101-0000-4706	LIABILITY CHARGE	-	8,364	7,068	7,895	3,948	50%	8,437
001-101-0000-4743	FACILITY MAINTENANCE CHARGE	15,506	12,948	12,576	12,261	6,131	50%	12,395
Internal Service Charges		15,506	21,312	19,644	20,156	10,078	50%	20,832
001-101-0000-4500	CAPITAL EXPENSES	-	-	4,990	5,000	-	0%	-
Capital Costs		-	-	4,990	5,000	-	0%	-
001-101-0000-4932	TRANSFER TO CAPITAL OUTLAY FD	-	25,000	-	-	-	0%	-
Transfers		-	25,000	-	-	-	0%	-
Division Total		155,139	218,120	167,760	254,491	99,966	76%	220,589



CITY MANAGER'S OFFICE

DIVISION No. 105

DIVISION OVERVIEW

The City Manager serves as the professional administrator of the City and is responsible for coordinating all day-to-day operations and administration. Duties include personnel and labor relations, the preparation and administration of the City budget, inter-governmental relations and implementing the City Council's policies. The City Manager is hired by the City Council and serves as the City Council's chief advisor.

The City Manager's Office also leads the City's economic development effort in improving the quality of life for residents, business community, and visitors of San Fernando.

Dept: City Manager's Office
Div: City Manager's Office

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-105-0000-4101 SALARIES-PERMANENT EMPLOYEES	271,084	358,259	486,276	496,986	258,397	52%	520,689
001-105-0000-4103 WAGES-TEMPORARY & PART-TIME	-	7,454	47	5,252	5,909	113%	12,488
001-105-0000-4105 OVERTIME	3,119	1,259	275	-	297	0%	-
001-105-0000-4120 O.A.S.D.I.	16,270	22,817	31,361	31,488	14,137	45%	34,320
001-105-0000-4126 HEALTH INSURANCE	38,966	46,299	49,753	40,959	23,638	58%	70,141
001-105-0000-4128 DENTAL INSURANCE	2,491	2,715	3,165	352	1,503	427%	2,192
001-105-0000-4129 RETIREE HEALTH SAVINGS	-	500	1,299	1,800	584	32%	1,800
001-105-0000-4130 WORKER'S COMPENSATION INS.	4,134	8,318	14,862	7,587	7,976	105%	6,768
001-105-0000-4134 LONG TERM DISABILITY INSURANCE	1,584	1,884	2,933	3,108	1,529	49%	3,516
001-105-0000-4136 OPTICAL INSURANCE	600	457	364	600	471	79%	731
001-105-0000-4138 LIFE INSURANCE	180	203	281	300	140	47%	293
001-105-0000-4140 WELLNESS BENEFIT REIMBURSEMENT	600	600	600	750	-	0%	750
001-105-0000-4141 TECHNOLOGY ALLOWANCE	-	-	-	-	-	0%	2,700
001-105-0000-4142 AUTOMOBILE ALLOWANCE	-	-	-	-	-	0%	4,800
001-105-3689-XXXX COVID-19 GLOBAL OUTBREAK	31,080	11,517	-	-	-	0%	-
Personnel Costs	370,108	462,281	591,217	589,182	314,583	53%	661,188
001-105-0000-4220 TELEPHONE	950	774	661	800	281	35%	800
001-105-0000-4260 CONTRACTUAL SERVICES	1,887	1,675	1,745	2,660	378	14%	2,000
001-105-0000-4270 PROFESSIONAL SERVICES	3,548	590	12,462	3,003	6,699	223%	5,863
001-105-0000-4300 DEPARTMENT SUPPLIES	1,607	5,691	3,074	8,500	1,724	20%	8,500
001-105-0000-4360 PERSONNEL TRAINING	-	50	-	2,000	300	15%	2,000
001-105-0000-4370 MEETINGS, MEMBERSHIPS & TRAVEL	4,679	4,393	7,903	7,500	3,728	50%	7,500
001-105-0000-4380 SUBSCRIPTIONS DUES & MMBRSHIPS	2,960	3,588	3,487	3,230	1,930	60%	3,230
001-105-0000-4390 MILEAGE REIMBURSEMENT	3,610	3,610	3,714	3,700	2,408	65%	500
001-105-3689-XXXX COVID-19 GLOBAL OUTBREAK	-	689	-	-	-	0%	-
Operations & Maintenance Costs	19,241	21,060	33,047	31,393	17,447	56%	30,393
001-105-0000-4706 LIABILITY CHARGE	-	23,100	55,428	47,848	23,924	50%	36,046
001-105-0000-4743 FACILITY MAINTENANCE CHARGE	31,012	25,884	53,184	39,602	19,801	50%	40,035
Internal Service Charges	31,012	48,984	108,612	87,450	43,725	50%	76,081
Division Total	420,362	532,325	732,876	708,025	375,755	53%	767,662

ECONOMIC DEVELOPMENT**DIVISION No. 151****DIVISION OVERVIEW**

The Economic Development Division is responsible for assisting the City Manager in executing City Council's vision for economic development to create a vibrant and economically sustainable City. The Division implements economic development policies and programs, negotiates and administers development agreements, and represents the City with various economic development organizations and initiatives. The Division strives to create new job opportunities, retain existing businesses, attract new investments, boost commercial activities and sales tax revenues, create vibrant neighborhoods, and improve the quality of life for residents, business community, and visitors of San Fernando.

Dept: City Manager's Office
Div: Economic Development

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-107-0000-4101 SALARIES-PERMANENT EMPLOYEES	-	-	210,419	193,116	106,449	55%	235,087
001-107-0000-4120 O.A.S.D.I.	-	-	12,035	12,563	6,359	51%	13,965
001-107-0000-4126 HEALTH INSURANCE	-	-	26,970	2,570	-	0%	2,420
001-107-0000-4128 DENTAL INSURANCE	-	-	-	-	-	0%	76
001-107-0000-4129 RETIREE HEALTH SAVINGS	-	-	1,800	1,200	1,860	155%	3,900
001-107-0000-4130 WORKER'S COMPENSATION INS.	-	-	3,183	2,867	1,539	54%	3,027
001-107-0000-4134 LONG TERM DISABILITY INSURANCE	-	-	1,512	1,470	709	48%	1,968
001-107-0000-4136 OPTICAL INSURANCE	-	-	-	-	-	0%	26
001-107-0000-4138 LIFE INSURANCE	-	-	90	94	47	50%	90
001-107-0000-4140 WELLNESS BENEFIT REIMBURSEMENT	-	-	-	750	-	0%	750
001-107-0000-4141 TECHNOLOGY ALLOWANCE	-	-	-	-	-	0%	1,500
001-107-0000-4142 AUTOMOBILE ALLOWANCE	-	-	-	-	-	0%	4,800
Personnel Costs	-	-	256,009	214,630	116,964	54%	267,609
001-107-0000-4230 ADVERTISING	-	-	-	4,000	-	0%	4,000
001-107-0000-4260 CONTRACTUAL SERVICES	-	-	-	5,875	-	0%	12,510
001-107-0000-4270 PROFESSIONAL SERVICES	42,065	88,141	28,412	39,229	39,229	100%	20,000
001-107-0000-4300 DEPARTMENT SUPPLIES	-	-	-	4,000	3,830	96%	3,000
001-107-0000-4370 MEETINGS, MEMBERSHIPS & TRAVEL	-	-	-	5,150	200	4%	7,000
001-107-0000-4380 SUBSCRIPTIONS DUES & MMBRSHIPS	-	-	-	1,850	221	12%	2,290
001-107-0000-4390 MILEAGE REIMBURSEMENT	-	-	-	3,700	2,400	65%	4,800
Operations & Maintenance Costs	42,065	88,141	28,412	63,804	45,880	72%	53,600
001-107-0000-4706 LIABILITY CHARGE	-	-	-	17,421	8,711	50%	14,589
001-107-0000-4743 FACILITY MAINTENANCE CHARGE	-	-	-	12,261	6,131	50%	12,395
Internal Service Charges	-	-	-	29,682	14,841	50%	26,984
Division Total	42,065	88,141	284,421	308,116	162,844	53%	348,193

NOTE: Division 151 (Community Development) was changed to Division 107 (Administration Department) in FY2022/2023. For budgetary purposes, these two divisions have been combined.



LEGAL SERVICES (CITY ATTORNEY)

DIVISION NO. 110

DIVISION OVERVIEW

The City Attorney serves as the Chief Legal Officer for the City of San Fernando, Public Financing Authority and the Parking Authority. The City Attorney provides professional legal advice to the City Council, boards and commissions, and all City Departments. Responsibilities including providing legal advice on matters spanning municipal law, regulatory compliance, and contract negotiations, as well as representing the City in certain court proceedings and alternative dispute resolution methods. The City Attorney's Office drafts and reviews all legal documents necessary to support the ongoing operations of the City, including, but not limited to, contracts, resolutions, and ordinances. The City contracts with an outside law firm, Olivarez Madruga Law Organization, LLP, to provide City Attorney services.

Dept: City Manager's Office
Div: City Attorney

Account Number & Title	2021	2022	2023	2024	As of	2024	2025
	Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed
001-110-0000-4270 PROFESSIONAL SERVICES	225,347	238,021	306,165	270,000	49,587	18%	275,625
001-110-3689-4270 COVID-19 GLOBAL OUTBREAK	-	441	-	-	-	0%	-
001-110-0098-4270 SUCCESSOR AGENCY TO THE RDA	-	4,368	-	-	-	0%	-
Operations & Maintenance Costs	225,347	242,830	306,165	270,000	49,587	18%	275,625

**FIRE AND EMERGENCY MEDICAL
SERVICES****DIVISION No. 500****DIVISION OVERVIEW**

Fire and Emergency Medical Services are provided by the Los Angeles City Fire Department (LAFD) on a contractual basis. The services provided by the LAFD include, but are not limited to, fire suppression, fire prevention, inspection, paramedic, emergency medical technician functions, and emergency medical response.

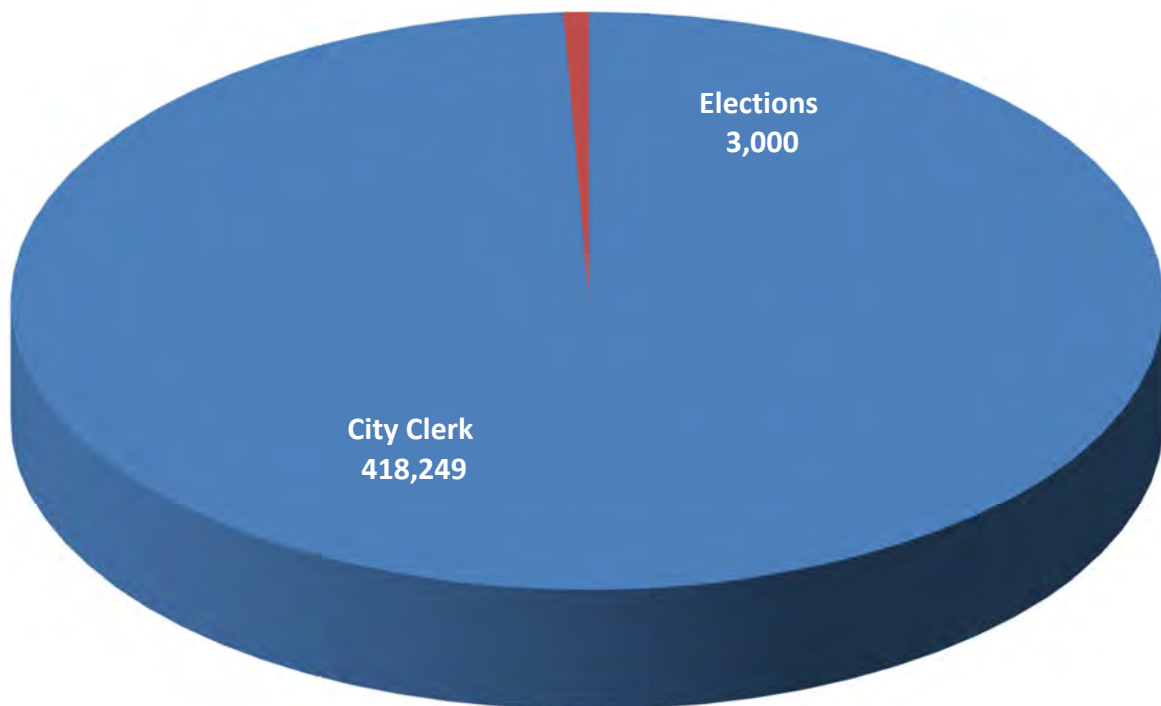
Dept: City Manager's Office
Div: Fire Services (LAFD Contract)

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-500-0000-4260 CONTRACTUAL SERVICES		2,819,881	3,193,147	3,062,793	3,200,000	1,556,941	49%	3,350,000
Operations & Maintenance Costs		2,819,881	3,193,147	3,062,793	3,200,000	1,556,941	49%	3,350,000



PAGE INTENTIONALLY
LEFT BLANK

CITY CLERK DEPARTMENT



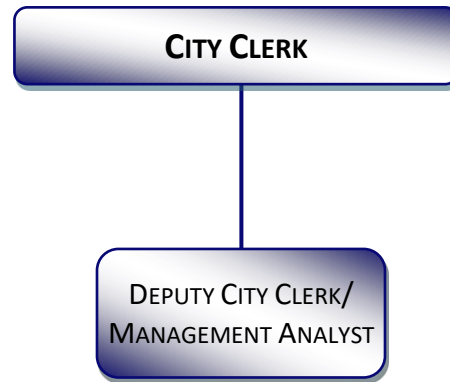


THE CITY OF SAN FERNANDO

ORGANIZATIONAL CHART

CITY CLERK DEPARTMENT

FISCAL YEAR 2024-2025



MISSION STATEMENT

The City Clerk Department is dedicated to providing courteous, professional, and efficient customer services to the City Council, City staff, and the community in an ethical and neutral manner while ensuring the governmental process is transparent and open, ensure integrity in the democratic process and provide instant access to public records to enhance public trust in local government.

DEPARTMENT OVERVIEW

The City Clerk Department is responsible for administering federal, state and local laws pertaining to elections, the Brown Act, the Public Records Act, the Political Reform Act, and AB1234 Ethics Training compliance; oversees City records management; provides legislative support functions including the preparation of agendas and minutes; ensures City compliance with Fair Political Practices Commission (FPPC) regulations regarding annual disclosure statements and campaign contribution statements; prepares and maintains a complete and accurate record of all City Council legislative actions; safeguards the City seal; and implement process improvement and workflows with document digitization; and performs a variety of other administrative duties in support of the City Council as assigned.

ACCOMPLISHMENTS FOR FY 2023-2024

1. Coordinated with the County of Los Angeles Elections Division, the City's March 5, 2024 Special Municipal Election to fill an unscheduled vacancy for one Councilmember seat for the balance of a full 4-year term, expiring November 2024; coordinated in-person Vote Centers at San Fernando Recreation Park and Las Palmas Park; monitored activities associated with the permanent Vote-by-Mail Ballot Boxes at City Hall and Pioneer Park; facilitated one "Register to Vote" community outreach campaign at the National Night Out event. (Strategic Goal I.1, I.2 and I.6)
2. Established the City's first "Guidelines for Boards, Commissions and Committees" handbook adopted by the City Council in February 2024. The proposed handbook was presented to all City Commissions in November 2023 to solicit feedback and provide an opportunity for community engagement. In November 2023, staff implemented and facilitated quarterly Commission Secretary training sessions to ensure consistency amongst Commissions and align with City Council meeting management processes, agenda development, and minutes preparation; and developed detailed instructions for live broadcasting of legislative meetings including monitoring of commission meetings to ensure live broadcasting. (Strategic Goal I.2, I.3 and I.6)
3. Researched professional consulting services to update the City's 25-year-old records retention and destruction policy. Staff recognized the critical importance of ensuring overall compliance, mitigating risks, and evolving technology requiring a specialized expert to tailor an updated policy to align seamlessly on compliance with industry standards. (Strategic Goal I.6)

ACCOMPLISHMENTS FOR FY 2023-2024

4. The City Clerk attended League of California Cities Annual New Law and Elections Conference, participated in various training sessions facilitated by the City Clerks Association of California and League of California Cities courses in advanced technical curriculum and aligns with professional development towards a Master Municipal Clerk (MMC) designation. The Deputy City Clerk attended the Technical Training for Clerks Series 400 course, various training sessions facilitated by League of California Cities and is on track with obtaining the Certified Municipal Clerk (CMC) designation within the next 2-4 years. Professional development courses that focus on enriching expertise in various aspects of municipal administration, updated knowledge, and skills, and enhancing efficiency and effectiveness in daily tasks as well as fostering succession planning and staff retention. (Strategic Goal I.1, I.6 and VII.)

OBJECTIVES FOR FY 2024-2025

1. Coordinate with the County of Los Angeles Elections Division, the City's November 5, 2024 General Municipal Election to fill two Councilmember full 4-year term seats; organize two in-person Vote Centers at San Fernando Recreation Park and Las Palmas Park; monitor activities associated with the permanent Vote-by-Mail Ballot Drop Boxes at City Hall and Pioneer Park; facilitate two "Register to Vote" community outreach events to increase citizen participation and transparency in local government and community engagement in the Democratic process. (Strategic Goal I.1, I.2 and I.6)
2. Complete fifty percent of seventy-four sets of outstanding meeting minutes from the period of 2007 – 2012 while also staying current with maintaining up-to-date minutes moving forward to maintain organizational continuity, accuracy in legislative actions, supporting accountability and ensures transparency and adherence to legal and regulatory compliance. (Strategic Goal I.1 and I.6)
3. Enhance participation among citywide management by coordinating Quarterly Look-Ahead Reports, create and manage a City Council after meeting "action list" to enhance organizational efficiency, transparency, and accountability by providing a forward-looking perspective on key activities and priorities ensuring relevant action and deadlines are met. (Strategic Goals I.1 & I.6)

Proposed Enhancement to Services:

1. City-wide Records Retention and Destruction Policy Update: \$8,500 – One-Time/\$450 - Ongoing (Strategic Goal I.6)
The City's current records retention policy has not been updated since 2001 and no longer aligns with industry standards. In preparation, staff will focus on awarding a professional services agreement and initiating development and implementation of an updated Records Retention and

OBJECTIVES FOR FY 2024-2025

Destruction Policy that will focus on legal compliance, integrate new technologies, mitigate risks, and align with industry standards.

2. General Municipal Election Services: \$60,000 – One-Time (Strategic Goal I.1, I.2 and I.6)

The City's regularly scheduled General Election occurs on even numbered years and is scheduled for November 5, 2024. In preparation, staff will focus on consolidating election services with the Los Angeles County Registrar-Recorder/County Clerk's scheduled elections and initiating implementation of various election administration processes that will focus on managing ballot preparation, printing and distribution, polling locations, voter registration, and vote counting.

PERFORMANCE MEASURES

CITY CLERK	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Agenda Packets Produced	26	32	27	30	28
B. # of Minutes Approved	38	49	63	58	70
C. # of Ordinances/Resolutions/Contracts	97	125	132	131	131
F. # Public Records Requests	161	199	230	250	295
G. # Publically Searchable Digital Records	**	1056	1713	2475	3010
H. # Meeting Management Trainings Conducted	2	2	2	3	4
I. # Professional Development Hours Completed	20	22	55	60	80

FUNDING SUMMARY FOR FY 2024-2025
SOURCES:

CITY CLERK	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
General Revenue	328,274	351,859	442,263	408,058	421,249
General City Election	2,976	-	-	-	-
TOTAL FUNDING SOURCES	331,250	351,859	442,263	408,058	421,249

USES:

CITY CLERK	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
01-115 City Clerk	280,973	349,537	367,354	414,333	418,249
01-116 Elections	47,301	2,322	38,678	68,000	3,000
TOTAL FUNDING USES	328,274	351,859	406,033	482,333	421,249

PERSONNEL:

CITY CLERK	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
City Clerk	1.00	1.00	1.00	1.00	1.00
Deputy City Clerk/Management Analyst	1.00	1.00	1.00	1.00	1.00
TOTAL CITY CLERK PERSONNEL	2.00	2.00	2.00	2.00	2.00



CITY CLERK

DIVISION No. 115

DIVISION OVERVIEW

The responsibilities of the City Clerk's Department include: 1) agenda and packet preparation and distribution for all legislative meetings of the City Council; 2) record and maintain proceedings of the meetings and process documents resulting from actions taken; 3) publish ordinances and other legal notices as required by law; 4) receive and open all City bids; 5) certify copies of official City documents; 6) official custodian of maintenance of official City records including codification of ordinances into the City Code; 7) serve as filing officer of the Fair Political Practices Commission (FPPC) responsible for all candidate and campaign committee filings as required by State law and the City's conflict of interest code; 8) provide records research upon request from the public, City Council, and departments, under the Public Records and Freedom of Information Acts; 9) general management oversight of Commission meeting processes and maintains roster of City Council appointments to Commissions and Committees; 10) custodian of the official City Seal; 11) management of AB1234 Biennial Ethics Training for Elected Officials, Commissioners and City employees; 12) administer oaths and affirmations, including Oath of Office to newly elected officials;

Dept: City Clerk Department
Div: City Clerk's Office

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-115-0000-4101 SALARIES-PERMANENT EMPLOYEES	181,728	216,711	234,664	247,815	130,816	53%	266,948
001-115-0000-4111 COMMISSIONER'S REIMBURSEMENT	3,525	3,750	-	-	-	0%	-
001-115-0000-4120 O.A.S.D.I.	14,179	16,855	16,932	17,894	10,191	57%	21,053
001-115-0000-4126 HEALTH INSURANCE	27,063	29,800	39,383	40,959	16,325	40%	40,092
001-115-0000-4128 DENTAL INSURANCE	2,710	2,812	-	-	1,336	0%	1,253
001-115-0000-4129 RETIREE HEALTH SAVINGS	2,496	2,500	3,000	3,000	1,200	40%	1,800
001-115-0000-4130 WORKER'S COMPENSATION INS.	2,766	3,279	3,497	3,696	1,892	51%	3,440
001-115-0000-4134 LONG TERM DISABILITY	1,228	1,534	1,704	1,895	928	49%	2,236
001-115-0000-4136 OPTICAL INSURANCE	492	535	-	-	268	0%	418
001-115-0000-4138 LIFE INSURANCE	149	126	180	187	94	50%	180
001-115-0000-4140 WELLNESS BENEFIT	-	592	600	750	-	0%	750
001-115-0000-4141 TECHNOLOGY ALLOWANCE	-	-	-	-	-	0%	2,700
001-115-0000-4142 AUTOMOBILE ALLOWANCE	-	-	-	-	-	0%	4,800
Personnel Costs	236,537	278,494	299,960	316,196	163,049	52%	345,670
001-115-0000-4230 ADVERTISING	2,091	7,251	5,800	5,050	1,414	28%	4,950
001-115-0000-4260 CONTRACTUAL SERVICES	6,767	9,282	19,744	33,169	10,551	32%	17,194
001-115-0000-4300 DEPARTMENT SUPPLIES	4,217	2,408	1,084	1,500	322	21%	1,200
001-115-0000-4360 PERSONNEL TRAINING	220	1,410	1,620	3,075	2,597	84%	4,150
001-115-0000-4365 TUITION REIMBURSEMENT	150	-	-	-	-	0%	-
001-115-0000-4370 MEETINGS, MEMBERSHIPS & TRAVEL	730	1,275	1,100	-	-	0%	-
001-115-0000-4380 SUBSCRIPTIONS DUES & MMBRSHIPS	292	499	1,396	1,450	-	0%	1,450
001-115-0000-4390 MILEAGE REIMBURSEMENT	3,610	3,610	3,600	3,700	2,400	65%	-
001-115-0000-4450 OTHER EXP (EDUCATION COMMISSION)	-	932	-	-	-	0%	-
001-115-3689-4260 COVID-19 GLOBAL OUTBREAK	-	875	-	-	-	-	-
Operations & Maintenance Costs	18,076	27,543	34,344	47,944	17,284	36%	28,944
001-115-0000-4706 LIABILITY CHARGE	-	17,616	21,174	25,672	12,836	50%	18,845
001-115-0000-4743 FACILITY MAINTENANCE CHARGE	26,360	25,884	25,144	24,521	12,261	50%	24,790
Internal Service Charges	26,360	43,500	46,318	50,193	25,097	50%	43,635
Division Total	280,973	349,537	380,622	414,333	205,430	50%	418,249



ELECTIONS

DIVISION No. 116

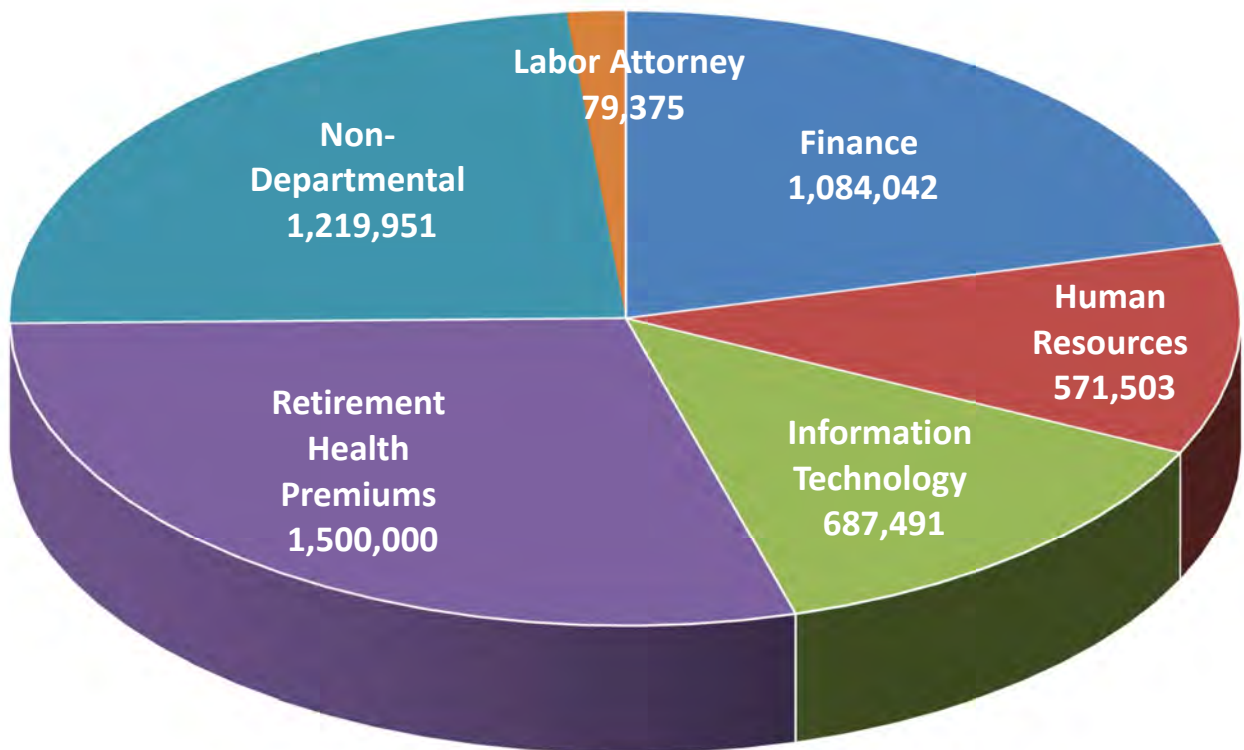
DIVISION OVERVIEW

The next General Municipal Election will be held on November 5, 2024. As the Election Official, the City Clerk is responsible for administering elections in accordance with federal, state, and local procedures and in a manner that assures public confidence in the accuracy, efficiency, fairness and transparency of the election process. The City works alongside the County of Los Angeles Registrar-Recorder regarding the City's Municipal Elections and other County elections pertaining to the City. Although consolidated with the Los Angeles County, certain actions are completed by this office including publishing/posting election-related notices and preparing and distributing candidate information binders to prospective candidates during the Nomination Period. The City Clerk Department assists the LA County Registrar-Recorder/County Clerk by securing local polling places, serving as contact for election inquiries, and ensuring City staff assistance for the elections.

Dept: City Clerk Department
Div: Elections

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-116-0000-4101 SALARIES-PERMANENT EMPLOYEES	-	334	-	-	-	0%	-
001-116-0000-4103 WAGES-TEMPORARY & PART-TIME	2,017	1,444	480	-	-	0%	-
001-116-0000-4105 OVERTIME	1,369	249	95	-	-	0%	-
001-116-0000-4120 O.A.S.D.I.	259	155	44	-	-	0%	-
001-116-0000-4130 WORKER'S COMPENSATION INS.	212	141	43	-	-	0%	-
Personnel Costs	3,857	2,322	662	-	-	0%	-
001-116-0000-4230 ADVERTISING	344	-	378	-	-	0%	500
001-116-0000-4260 CONTRACTUAL SERVICES	43,064	-	37,462	65,000	-	0%	-
001-116-0000-4300 DEPARTMENT SUPPLIES	-	-	33	-	-	0%	-
001-116-0000-4370 MEETINGS, MEMBERSHIPS & TRAVEL	-	-	-	400	640	160%	2,500
001-116-0000-4390 MILEAGE REIMBURSEMENT	37	-	-	2,600	-	0%	-
Operations & Maintenance Costs	43,444	-	37,873	68,000	640	1%	3,000
001-116-0000-4706 LIABILITY CHARGE	-	-	144	-	-	0%	-
Internal Service Charges	-	-	144	-	-	-	-
Division Total	47,301	2,322	38,678	68,000	640	1%	3,000

ADMINISTRATIVE SERVICES DEPARTMENT



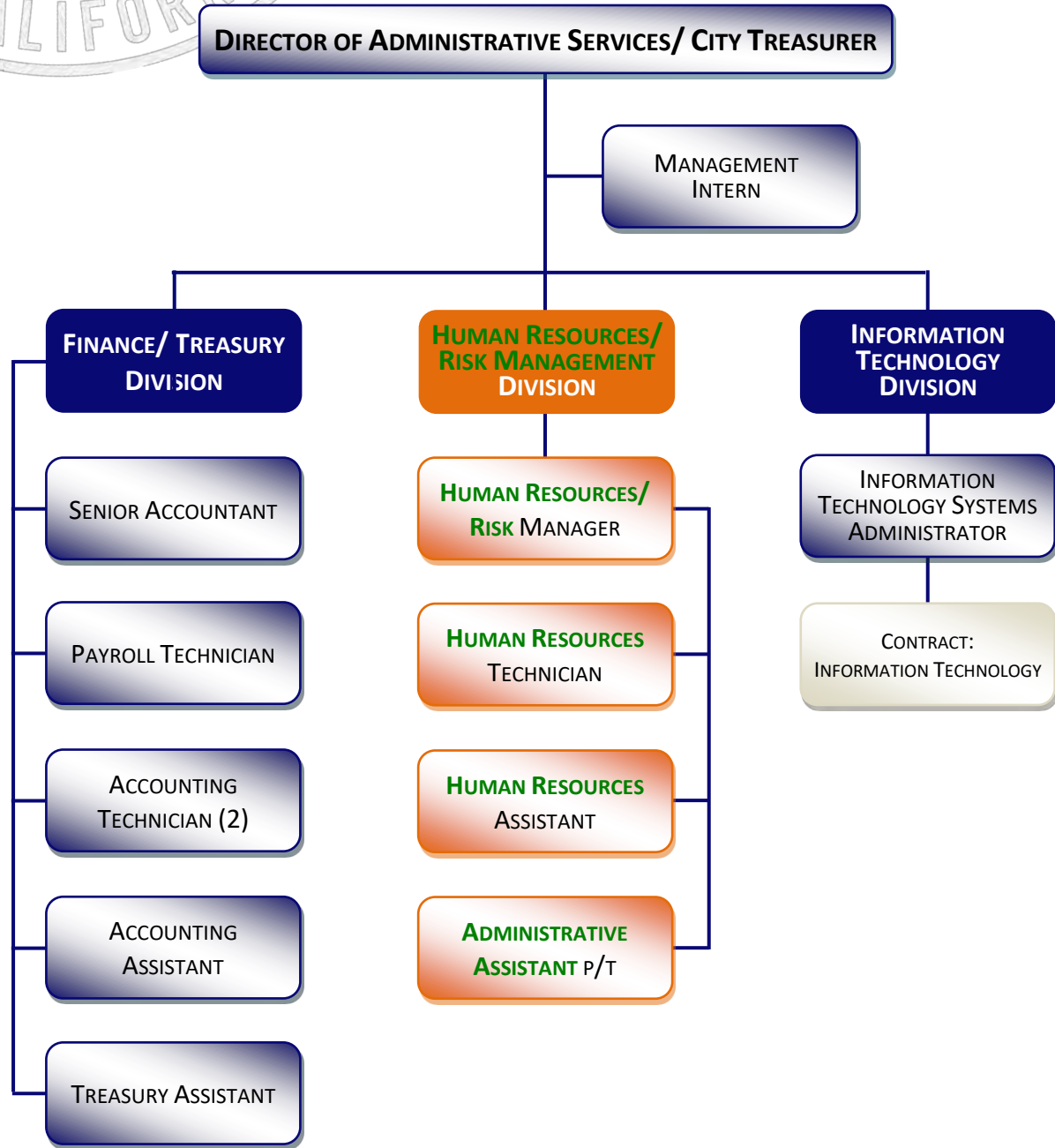


THE CITY OF SAN FERNANDO

ORGANIZATIONAL CHART

ADMINISTRATIVE SERVICES DEPARTMENT

FISCAL YEAR 2024-2025



MOVED FROM
ADMINISTRATION DEPARTMENT

PROPOSED

CONTRACT

MISSION STATEMENT

The mission of the Administrative Services Department is to efficiently and effectively support the organization by planning and monitoring of the City's fiscal affairs; collaborating with City departments to attract and retain a highly qualified workforce who strive to deliver exceptional quality service to the public; and supporting, securing and monitoring technology and network systems for the City. The Department's emphasis is to streamline processes, optimize resources, and foster a conducive work environment, ultimately contributing to the overall success and growth of the organization.

DEPARTMENT OVERVIEW

The Administrative Services Department consists of three divisions: Finance Administration, Human Resources and Information Technology. The Administrative Services Department is responsible for a broad range of activities, including cash management, procurement of goods and services, utility billing, payroll preparation, recruitment and employee selection coordination, personnel records management, employee benefits programs administration, network analysis, and hardware/software support and management.

The Administrative Services Department is committed to providing the highest level of administrative, financial and information technology services to our customers, both internal and external, utilizing collaborative teamwork that emphasizes honesty, integrity, efficiency and transparency.

ACCOMPLISHMENTS FOR FY 2023-2024

1. Amended the City's Purchasing Ordinance and associated policies, as approved by City Council on August 7, 2023, for improved clarity and consistency in the procurement of equipment, goods, supplies and services for the City, at the best value, and in a timely manner, while maintaining fairness to vendors, and abiding by applicable laws. (Strategic Goal VII.2)
2. Developed RFP for release in May 2024 to award professional service agreement for an experienced public fund investment manager to assist with managing the City's funds. (Strategic Goal VII.3)
3. Awarded service agreement, as approved by City Council on October 16, 2023 to Paymentus. Coordinated implementation of utility payment software solution to incorporate as a standalone product and into future IT infrastructure to better assist residents with payment options, including credit card and online payments. (Strategic Goal I.3)
4. Tyler Eden, the City's financial system, which is scheduled to be decommissioned in March 2027. A short-list of three vendors was developed with demonstrations scheduled through May – June 2024 to determine a replacement solution capable of meeting a variety of department goals, including improved water/sewer billing. (Strategic Goal I.3)

DEPARTMENT OVERVIEW

5. Applied and received the Government Finance Officers Association *Distinguished Budget Presentation Award* for the Fiscal Year 2023-2024 Adopted Budget, a total of ten (10) consecutive years. Staff additionally applied for the *Certificate of Achievement for Excellence in Financial Reporting* for the Fiscal Year 2022-2023, a total of forty (40) consecutive years, with results anticipated by July 2024. (Strategic Goal VII.5)
6. Implemented Year 1 of computer replacement project to ensure adequate up-to-date technology for all staff to support basic computing needs and creating standardization of workstation inventory, with 17 computers updated. An additional 20 are expected to be completed by June 2024. (Strategic Goal I.3)
7. Conducted Citywide User Fee Services Study to adequately recover part, or all, of the cost of providing services that receive a direct service or derive some other special benefit/entitlement. City Council approved a service agreement with Willdan Financial Services to conduct the fee study in October 2023, which kicked off in January 2024. A public hearing is slated to occur by June 2024 to review recommended fees and charges for City Council adoption. (Strategic Goal VII.1)
8. Updated website to include water/sewer rates and comparative household data. (Strategic Goal I.3)
9. Completed recruitments for 14 full-time positions and 40 part-time positions, including critical positions such as Police Officers, Police Desk Officers, Director of Community Development, Social Services Coordinator, Community Preservation Officer, Water Operations Manager, Personnel Manager, Director of Recreation and Community Services, Director of Community Development and Director of Public Works positions. (Strategic Goal VII.3)

OBJECTIVES FOR FY 2024-2025

1. Review and update the City's Information Technology and Cybersecurity Policies and Procedures by March 2025 to ensure new technologies are considered and incorporated into the cybersecurity framework, stay ahead of the evolving cyberthreat landscape, and strengthen data protection measures and ensure compliance with privacy regulations. (Strategic Goal I.3)
2. Review and update the City's Grant Policy and Procedure by December 2024 to develop and implement strategies that will align with accounting best practices. and to ensure that the City meets all federal and state standards in the areas of finance management, internal controls, audit and reporting. (Strategic Goal VII.2)
3. Negotiate and implement new Memoranda of Understandings (MOUs) with San Fernando Management Group (SFMG), San Fernando Police Civilians Association (SFPCA) and San Fernando Part-Time Bargaining Unit (SFPTBU) for successor MOUs. (Strategic Goal VII.3.)

4. Conduct annual review of the City's Administrative & Personnel Rules to assist in the development of policies and procedures to support best practices throughout all departments by June 2025. (Strategic Goal VII.3.)
5. Implement the City's Core Values Leadership Development Training for the Management Team along with a new employee evaluation form for all city employees. (Strategic Goal VII.3.)
6. Apply and receive the Government Finance Officers Association *Distinguished Budget Presentation Award* for the Fiscal Year 2024-2025 Adopted Budget and the *Certificate of Achievement for Excellence in Financial Reporting* for the Fiscal Year 2023-2024. (Strategic Goal VII.6)

Proposed Enhancement to Services:

1. IT Managed Service Provider (MSP) Transition: \$25,000 – Ongoing (Strategic Goal VII.2)
The City's agreement with its current provider is set to expire in July 2024. Staff has conducted an RFP with plans to return to City Council in May 2024 to award a new professional service agreement with an experienced information technology managed services provider to augment full-service information technology management, including, network analysis and technical support, systems support, computer operations support, PC desktop technical support, software integration support, and IT policy and procedure development. (Strategic Goal VII.3)
2. Financial System Replacement: \$100,000 – One-Time/\$40,000 – Ongoing (Strategic Goal VII.5)
The City's current financial system, Tyler Eden, which will no longer be supported effective March 2027. In preparation, Staff will focus on awarding a professional services agreement and initiating implementation for replacement of the Project goals for Phase I of this transition will focus primarily on development of General Ledger – Financials and data migration.
3. Year 2 of PC Replacement Program: \$25,000 – One-Time (Strategic Goal I.3)
To mitigate system vulnerabilities and modernizing the City's technology, a PC Replacement Program was initiated in 2023. Plans are to complete computer replacements for remaining inventory ensure adequate up-to-date equipment for all staff to support basic computing needs and create standardization of workstation inventory. (Strategic Goal I.3)
4. HR Professional Development and Tuition Reimbursement: \$5,000 – Ongoing/\$5,000 – One-Time (Strategic Goal VII.4): A concerted effort has been made to invest in employee education which benefits the City in developing a more skilled and knowledgeable workforce.
5. Part-Time Personnel Office Clerk Reclassification: \$5,00 – Ongoing (Strategic Goal VII.4): This request is to develop succession and an appropriate job class series within the Human Resources/Risk Management Division.

PERFORMANCE MEASURES

FINANCE DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Invoices Processed	6,694	7,308	7,500	7,795	8,000
B. # of Transactions	43,095	47,741	48,700	45,000	49,500
# Digitally	1,602	1,878	2,435	3,200	9,900
% Digitally	3.70%	3.90%	5.00%	7.11%	20.00%
C. # of Participants In Utility Rate Assistance Program	31	21	25	185	200
D. \$ Return On Investments	\$340,663	\$250,000	\$275,000	\$300,570	\$350,000
E. # Professional Development Hours	**	**	85	756	800
F. GFOA Distinguished Budget Award	✓	✓	✓	✓	✓
G. GFOA Distinguished Financial Reporting Award	✓	✓	✓	✓	✓

HUMAN RESOURCES DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of New Recruitments	23	46	30	23	25
B. # of New Hires	**	**	40	50	45
C. Avg. # Days (Time) from Conditional to Final Hire Offer	**	**	45	45	45
D. # Professional Development Hours	**	**		25	30

INFORMATION TECHNOLOGY DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of IT Service Tickets	1,809	1,327	1,200	4,473	1,500
B. # Days for Ticket Resolution	**	**	**	2	2
C. # PCs Replaced	**	**	85	30	25
D. # Net New PCs Deployed	**	**	**	11	5
E. # Professional Development Hours	**	**	**	98	125

** Prior year data not tracked.

FUNDING SUMMARY FOR FY 2024-2025
SOURCES:

	2021	2022	2023	2024	2025
ADMINISTRATIVE SERVICES	Actual	Actual	Actual	Adjusted	Proposed
General Revenue	3,028,677	4,458,114	5,788,582	4,000,884	5,064,362
Business License Processing Fee	20,720	56,402	65,000	65,000	70,000
Business License Permits	6,660	7,905	7,000	9,500	8,000
TOTAL FUNDING SOURCES	3,056,057	4,522,421	5,860,582	4,075,384	5,142,362

USES:

	2021	2022	2023	2024	2025
ADMINISTRATIVE SERVICES	Actual	Actual	Actual	Adopted	Proposed
001-130 Finance	731,350	747,198	972,736	1,053,657	1,084,042
001-131 Treasury ^[2]	89,427	-	-	-	-
001-133 Human Resources/Risk Mgmt ^[3]	-	-	-	-	571,503
001-135 Information Technology	365,450	425,887	518,741	718,519	687,491
001-180 Retirement Health Premiums	1,011,782	1,038,911	993,648	1,500,000	1,500,000
001-190 Non-Departmental	858,048	2,310,424	3,375,457	803,208	1,219,951
001-112 Labor Attorney ^[5]	-	-	-	-	79,375
TOTAL FUNDING USES	3,056,057	4,522,421	5,860,582	4,075,384	5,142,362

PERSONNEL:

	2021	2022	2023	2024	2025
ADMINISTRATIVE SERVICES	Actual	Actual	Actual	Adopted	Proposed
Director of Finance/City Treasurer	1.00	1.00	1.00	1.00	0.00
Director of Administrative Services ^[1]	0.00	0.00	0.00	0.00	1.00
Senior Accountant	1.00	1.00	1.00	1.00	1.00
Treasury Manager	1.00	0.00	0.00	0.00	0.00
Senior Account Clerk	2.00	0.00	0.00	0.00	0.00
Accounting Technician	0.00	2.00	2.00	2.00	2.00
Payroll Technician	1.00	1.00	1.00	1.00	1.00
Office Clerk	1.00	0.00	0.00	0.00	0.00
Treasurer Assistant	0.00	1.00	1.00	1.00	1.00
Finance Office Specialist	1.00	0.00	0.00	0.00	0.00
Accounting Assistant	0.00	1.00	1.00	1.00	1.00
Management Intern	0.00	0.46	0.46	0.46	0.46
IT Systems Administrator	0.00	0.00	1.00	1.00	1.00
Human Resources/Risk Manager ⁽³⁾	0.00	0.00	0.00	0.00	1.00
Human Resources Technician ⁽³⁾	0.00	0.00	0.00	0.00	1.00
Human Resources Assistant ⁽³⁾	0.00	0.00	0.00	0.00	1.00
Office Clerk (FTE) ^{(3) (4)}	0.00	0.00	0.00	0.00	0.00
Administrative Assistant (FTE) ⁽⁴⁾	0.00	0.00	0.00	0.00	0.46
TOTAL ADMIN SERVICES PERSONNEL	8.00	7.46	8.46	8.46	11.92

¹ Department Name Change Recommended from Finance to Administrative Services in FY 2024-2025

² Treasury Division combined with Finance in Fiscal Year 2022-2023

³ Personnel Division recommended to be moved from City Manager's Office to Administrative Services in FY 2024-2025. Title Change to Human Resources/Risk Management

⁴ Personnel Office Clerk (FTE) recommended to be reclassified to Administrative Assistant (FTE) in FY 2024-2025

⁵ Labor Attorney Contract recommended to be moved from City Manager's Office to Administrative Services in FY 2024-2025

FINANCE ADMINISTRATION**DIVISION NO. 130****DIVISION OVERVIEW**

The Finance Administration Division is responsible for: financial administration, budgeting and financial analysis, accounting and auditing of City resources, establishment of sound internal controls, cash management, debt management, purchasing, billing and collection of monies due to the City, managing the business license program, accounts payable, payroll, utility billing, and providing support to internal departments.

The Finance Administration Division prepares and monitors the City's award winning Annual Budget Book and Annual Comprehensive Financial Report.

Dept: Administrative Services
Div: Finance

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-130-0000-4101	SALARIES-PERMANENT EMPLOYEES	386,247	378,715	497,502	529,380	279,430	53%	554,841
001-130-0000-4103	WAGES-TEMPORARY & PART-TIME	-	11,181	20,554	20,791	9,960	48%	21,965
001-130-0000-4105	OVERTIME	3,790	8,559	10,364	-	1,528	0%	-
001-130-0000-4120	O.A.S.D.I.	28,797	30,695	39,697	38,994	20,363	52%	41,769
001-130-0000-4126	HEALTH INSURANCE	64,598	75,977	82,966	78,314	42,148	54%	109,897
001-130-0000-4128	DENTAL INSURANCE	7,313	7,328	7,679	4,979	3,701	74%	3,435
001-130-0000-4129	RETIREE HEALTH SAVINGS	1,092	91	1,100	1,200	600	50%	3,900
001-130-0000-4130	WORKER'S COMPENSATION INS.	13,473	6,652	17,512	8,349	9,673	116%	17,611
001-130-0000-4134	LONG TERM DISABILITY INSURANCE	1,954	1,140	2,285	2,610	1,288	49%	3,012
001-130-0000-4136	OPTICAL INSURANCE	1,312	1,326	1,415	905	720	80%	1,145
001-130-0000-4138	LIFE INSURANCE	360	330	374	461	211	46%	450
001-130-0000-4140	WELLNESS BENEFIT	600	600	600	750	-	0%	750
001-130-0000-4141	TECHNOLOGY ALLOWANCE	-	-	-	-	-	0%	2,700
001-130-0000-4142	AUTOMOBILE ALLOWANCE	-	-	-	-	-	0%	4,800
001-130-3689-4101	COVID-19 GLOBAL OUTBREAK	12,032	1,783	-	-	-	0%	-
001-130-3689-4120	COVID-19 GLOBAL OUTBREAK	842	137	-	-	-	0%	-
001-130-3689-4129	COVID-19 GLOBAL OUTBREAK	90	9	-	-	-	0%	-
001-130-3689-4130	COVID-19 GLOBAL OUTBREAK	870	130	-	-	-	0%	-
Personnel Costs		523,370	524,650	682,048	686,733	369,621	54%	766,275
001-130-0000-4260	CONTRACTUAL SERVICES	35,954	65,633	90,184	98,800	10,908	11%	100,000
001-130-0000-4270	PROFESSIONAL SERVICES	99,982	51,126	62,472	112,350	21,193	19%	78,800
001-130-0000-4300	DEPARTMENT SUPPLIES	4,044	12,869	14,422	19,844	14,396	73%	19,764
001-130-0000-4360	PERSONNEL TRAINING	947	549	2,390	6,000	399	7%	6,000
001-130-0000-4370	MEETINGS, MEMBERSHIPS & TRAVEL	225	2,234	6,351	7,500	3,404	45%	7,500
001-130-0000-4380	SUBSCRIPTIONS DUES & MMBRSHIPS	1,195	1,015	1,231	1,945	415	21%	1,950
001-130-0000-4390	MILEAGE REIMBURSEMENT	3,610	2,779	3,610	3,900	2,215	57%	500
001-130-3689-4300	COVID-19 GLOBAL OUTBREAK	-	218	-	-	-	0%	-
Operations & Maintenance Costs		145,956	136,424	180,660	250,339	52,930	21%	214,514
001-130-0000-4706	LIABILITY CHARGE	-	34,356	47,664	55,772	27,886	50%	41,775
001-130-0000-4743	FACILITY MAINTENANCE CHARGE	62,023	51,768	62,364	60,813	30,407	50%	61,478
Internal Service Charges		62,023	86,124	110,028	116,585	58,293	50%	103,253
001-130-0000-4500	CAPITAL EQUIPMENT	-	-	-	-	-	0%	-
Capital Costs		-	-	-	-	-	0%	-
Division Total		731,350	747,198	972,736	1,053,657	480,844	46%	1,084,042

HUMAN RESOURCES**DIVISION NO. 133****DIVISION OVERVIEW**

The Human Resources Division is comprised of the Human Resources and Risk Management.

HUMAN RESOURCES

The Human Resources Division is responsible for providing support to all City departments and attracting and retaining highly-qualified employees. The program manages a variety of functions including coordination of recruitment and employee selection; maintenance of the City's personnel records; maintenance of the City's classification specifications; oversees labor relations activities, including labor negotiations and administers the provisions of the collective bargaining agreements; reviews grievances and disciplinary actions; administers employee benefits programs; administers risk management and workers compensation; documentation of statutory and regulatory compliance, and provides administrative support to the City Manager's and Finance Department office.

Program goals are 1) to effectively maintain a comprehensive modern Human Resources program; 2) to improve the recruitment, examination and hiring process; 3) to negotiate and administer the Memorandum of Understanding (MOU's) with employee bargaining groups; 4) to retain, train and motivate employees committed to providing service that exceeds community expectations; 5) to keep employees' well informed through ongoing communication and recognition programs; and 6) to assist in the implementation of organizational change through maintenance of job classification specifications.

RISK MANAGEMENT

The Risk Management Program administers the City's self-insured property/general liability and Workers Compensation Programs; works with the City Attorney's Office to monitor, control and resolve litigation matters; and maintains excess insurance policies.

To administer the City's Risk Management program by providing support to all City departments in managing and reducing risk exposure. The program manages a variety of functions including coordination of the Workers Compensation Program and General Liability Program; oversees safety training activities, develops policies and procedures as outlined in the City's Management Assessment Report and coordinates the implementation process; reviews liability claims against the City and manages the work of the third party claims administrator; works with the City Clerk's Office in responding to Public Records requests as it relates to lawsuits filed against the City; administers the risk management and workers compensation documentation of statutory and regulatory compliance, and provides administrative support to the City Manager's Office and Finance Department.

Dept: Adminitrative Services
Div: Human Resources/Risk Management

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-133-0000-4101 SALARIES-PERMANENT EMPLOYEES	203,824	286,837	331,965	326,377	227,535	70%	313,277
001-133-0000-4103 WAGES-PERMANENT EMPLOYEES	38,393	223	12,706	25,356	14,933	59%	32,859
001-133-0000-4105 OVERTIME	-	1,966	682		-	0%	-
001-133-0000-4120 O.A.S.D.I.	18,530	22,111	24,342	24,890	12,556	50%	26,572
001-133-0000-4124 RETIREMENT	-	-	-		-	0%	-
001-133-0000-4126 HEALTH INSURANCE	45,762	45,917	44,425	57,220	21,837	38%	71,115
001-133-0000-4128 DENTAL INSURANCE	3,767	3,255	2,812	1,302	1,336	103%	2,223
001-133-0000-4129 RETIREE HEALTH SAVINGS	-	3,403	2,177	1,200	1,860	155%	1,200
001-133-0000-4130 WORKER'S COMPENSATION INS.	3,701	4,401	6,890	5,423	4,212	78%	4,342
001-133-0000-4134 LONG TERM DISABILITY INSURANCE	944	1,075	1,425	1,380	733	53%	1,347
001-133-0000-4136 OPTICAL INSURANCE	657	600	600	600	300	50%	741
001-133-0000-4138 LIFE INSURANCE	225	266	251	345	125	36%	338
Personnel Costs	315,803	370,054	428,276	444,093	285,426	64%	454,014
001-133-0000-4220 TELEPHONE	597	585	1,043	800	213	27%	800
001-133-0000-4230 ADVERTISING	3,676	8,258	5,719	11,535	1,720	15%	10,035
001-133-0000-4260 CONTRACTUAL SERVICES	16,208	19,545	20,256	17,000	5,233	31%	17,000
001-133-0000-4270 PROFESSIONAL SERVICES	6,109	4,849	4,399	6,000	1,079	18%	6,000
001-133-0000-4300 DEPARTMENT SUPPLIES	6,265	4,856	4,928	5,000	1,231	25%	5,000
001-133-0000-4320 DEPARTMENT EQUIPMENT MAINT	-	-	20	500	-	0%	500
001-133-0000-4360 PERSONNEL TRAINING	150	175	-	250	-	0%	250
001-133-0000-4365 TUITION REIMBURSEMENT	1,500	-	-	1,500	590	39%	1,500
001-133-0000-4370 MEETINGS, MEMBERSHIPS & TRAVEL	-	-	-	500	-	0%	500
001-133-0000-4380 SUBSCRIPTIONS DUES & MMBRSHIPS	225	175	175	450	-	0%	450
001-133-0000-4390 MILEAGE REIMBURSEMENT	-	-	34	200	46	23%	200
001-133-0000-4430 ACTIVITIES AND PROGRAMS	-	-	-	500	-	0%	4,700
Operations & Maintenance Costs	34,731	38,442	36,573	44,235	10,111	23%	46,935
001-133-0000-4706 LIABILITY CHARGE	-	19,536	29,472	36,076	18,038	50%	24,817
001-133-0000-4743 FACILITY MAINTENANCE CHARGE	41,866	34,944	40,608	45,242	22,621	50%	45,737
Internal Service Charges	41,866	54,480	70,080	81,318	40,659	50%	70,554
001-133-0000-4500 CAPITAL EQUIPMENT	-	-	-	-	-	0%	-
Capital Costs	-	-	-	-	-	0%	-
Division Total	392,400	462,976	534,929	569,646	336,197	59%	571,503

INFORMATION TECHNOLOGY SERVICES**DIVISION NO. 135****DIVISION OVERVIEW**

The Information Technology Division consists of two major areas of focus: IT Operations & Security and Helpdesk Services which are managed by the City's IT Systems Administrator. A heavy focus on communication both internally and externally serves as the backbone to providing effective services and implementing appropriate technologies. Our helpdesk services are the face of the division and receive direct feedback from users. This feedback is critical in determining if services are running correctly and assessing future needs. IT Operations are critical to the delivery of any modern business service and must be appropriately planned, implemented, and managed to be effective.

Some of our IT Services include:

- Cybersecurity
- IT Project Management
- Technology Procurement & Contract Management
- Policy & Governance
- Hardware and Software Maintenance and Management
- Technology Adoption and Training

The Information Technology Division strives to create a resilient and modern technology infrastructure capable of delivering City services effectively to constituents, internal staff, and external stakeholders. The city's IT Staff strives to deliver customer-friendly support that facilitates both the adoption and consumption of technology services. Information Technology services are provided through a competitively procured professional services contract with an IT Managed Services Provider.

Dept: Administrative Services
Div: Information Technology

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-135-0000-4101	SALARIES-PERMANENT EMPLOYEES	-	-	28,218	133,213	67,075	50%	137,043
001-135-0000-4120	O.A.S.D.I.	-	-	2,120	9,725	4,975	51%	10,576
001-135-0000-4126	HEALTH INSURANCE	-	-	5,161	28,610	15,484	54%	28,005
001-135-0000-4128	DENTAL INSURANCE	-	-	356	-	1,016	0%	876
001-135-0000-4129	RETIREE HEALTH SAVINGS	-	-	300	-	600	0%	1,800
001-135-0000-4130	WORKER'S COMPENSATION INS.	-	-	446	2,008	1,004	50%	1,729
001-135-0000-4134	LONG TERM DISABILITY INSURANCE	-	-	-	1,020	425	42%	1,124
001-135-0000-4136	OPTICAL INSURANCE	-	-	64	-	193	0%	292
001-135-0000-4138	LIFE INSURANCE	-	-	-	94	39	41%	90
001-135-0000-4141	TECHNOLOGY ALLOWANCE	-	-	-	-	-	0%	1,200
Personnel Costs		-	-	36,666	174,670	90,810	52%	182,735
001-135-0000-4260	CONTRACTUAL SERVICES	246,937	295,897	356,932	353,916	146,948	42%	369,532
001-135-0420-4260	CONTRACTUAL SERVICES	-	1,406	-	-	-	0%	-
001-135-0000-4270	PROFESSIONAL SERVICES	118,368	127,719	124,682	128,483	53,246	41%	112,367
001-135-0000-4300	DEPARTMENT SUPPLIES	145	865	462	35,000	2,910	8%	500
001-135-3689-XXXX	COVID-19 GLOBAL OUTBREAK	-	-	-	-	-	0%	-
Operations & Maintenance Costs		365,450	425,887	482,075	517,399	203,105	39%	482,399
001-135-0000-4706	LIABILITY CHARGE	-	-	-	14,189	7,095	50%	9,962
001-135-0000-4743	FACILITY MAINTENANCE CHARGE	-	-	-	12,261	6,131	50%	12,395
Internal Service Charges		-	-	-	26,450	13,225	50%	22,357
001-135-0000-4500	CAPITAL EQUIPMENT	-	-	-	-	-	0%	-
Capital Costs		-	-	-	-	-	0%	-
Division Total		365,450	425,887	518,741	718,519	307,140	43%	687,491

RETIREMENT COSTS**DIVISION NO. 180****DIVISION OVERVIEW**

The Retirement Costs Division accounts for payments for retirement related costs made directly from the General Fund, which are primarily healthcare premiums for eligible retired employees and payments to the City's membership in the Public Employees Retirement System (PERS) in excess of the City's special tax, if any.

A voter approved special tax levy is used to pay pension costs to the Public Employees Retirement System (PERS) for active employees (see Fund 018). Currently, the special tax levy raises sufficient funds to cover the City's entire obligation, so there are currently no pension related payments from the General Fund.

Dept: Adminitrative Services
 Div: Retirement Costs

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-180-0000-4124	RETIREMENT	-	-	-	-	-	0%	-
001-180-0000-4127	RETIRED EMP. HEALTH INS.	1,011,782	1,038,911	993,648	1,500,000	508,902	33%	1,500,000
Personnel Costs		1,011,782	1,038,911	993,648	1,500,000	508,902	49%	1,500,000
Division Total		1,011,782	1,038,911	993,648	1,500,000	508,902	49%	1,500,000

NON-DEPARTMENTAL**DIVISION NO. 190****DIVISION OVERVIEW**

The Non-Departmental Division provides for those activities that are not easily segregated into individual division's budgets or would cost more to segregate than economically feasible. Such items include, but are not limited to: debt payments (if applicable), telephone services, leased copy and fax equipment, City memberships, bank charges, postage, animal control services, various contingency funding and transfers to other funds.

Dept: Administrative Services
Div: Non-Departmental

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-190-0000-4101	SALARIES-PERMANENT EMPLOYEES	-	-	-	89,000	-	0%	85,142
001-190-0000-4105	SALARIES-OT	-	-	-	-	-	0%	275,000
001-190-0000-4111	COMMISSIONER REIMBURSEMENT	2,100	1,800	1,350	1,800	600	33%	1,800
001-190-0000-4126	HEALTH INS. ADMIN FEE	4,113	4,047	5,569	5,000	2,799	56%	64,613
001-190-0000-4132	UNEMPLOYMENT INSURANCE	-	-	-	10,000	-	0%	22,000
001-190-0150-4132	COMMUNITY DEVELOPMENT	508	-	-	-	-	0%	-
001-190-0222-4132	POLICE - UNEMPLOYMENT INSURANCE	5,868	-	4,611	-	-	0%	-
001-190-0370-4132	TRAFFIC SAFETY-UNEMPLOYMENT INS.	11,700	-	-	-	-	0%	-
001-190-0390-4132	FACILITIES MGMT.-UNEMPLOYMENT INS.	3,139	13,914	840	-	6,233	0%	-
001-190-0420-4132	RECREATION DEPT - UNEMPLOYMENT INS.	3,422	-	-	-	-	0%	-
001-190-3689-4132	COVID-19 GLOBAL OUTBREAK	(1,627)	(432)	-	-	-	0%	-
Personnel Costs		29,223	19,329	12,370	105,800	9,632	9%	448,555
001-190-0000-4220	TELEPHONE	59,565	60,474	47,007	55,000	20,876	38%	50,000
001-190-0000-4260	CONTRACTUAL SERVICES	80,244	95,575	86,570	115,000	30,421	26%	115,000
001-190-0000-4267	APPROPRIATED RESERVE	12,297	62,331	28,191	70,712	1,407	2%	75,000
001-190-0000-4270	PROFESSIONAL SERVICES	17,225	10,500	34,354	64,878	-	0%	56,853
001-190-3608-4270	HAZARD MITIGATION PROGRAM	22,519	-	-	4,625	-	0%	4,625
001-190-0000-4280	POSTAGE	21,641	25,544	23,250	25,000	10,081	40%	25,000
001-190-0000-4300	DEPARTMENT SUPPLIES	11,672	4,119	6,176	10,500	3,395	32%	10,500
001-190-0000-4380	SUBSCRIPTIONS DUES & MMBRSHIPS	32,803	30,953	36,153	32,000	26,766	84%	32,000
001-190-0000-4405	INTEREST EXPENSE	843	50,617	24,642	-	-	0%	-
001-190-0000-4428	SMART METER LOAN PRINCIPAL	18,361	3,178	-	-	-	0%	-
001-190-0000-4429	PRINCIPAL	514,174	-	-	-	-	0%	-
001-190-0000-4430	ACTIVITIES & PROGRAMS	-	400	-	2,000	22	1%	-
001-190-0000-4435	BANK CHARGES	15,918	19,807	23,245	10,000	2,264	23%	15,000
001-190-0000-4437	CASH OVER & SHORT	226	11	93	-	(9)	0%	-
001-190-0220-4437	CASH OVER & SHORT	75	5	(67)	-	(2)	0%	-
001-190-0000-4450	OTHER EXPENSE	1,263	5,283	-	5,000	-	0%	5,000
Operations & Maintenance Costs		808,826	368,795	309,613	394,715	95,221	24%	388,978
001-190-0320-4741	EQUIP MAINT CHARGE	-	-	-	-	-	0%	7,418
Internal Service Charges		-	-	-	-	-	0%	7,418

Dept: Administrative Services
Div: Non-Departmental

Account Number & Title (cont'd)		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-190-0000-4917	TRANSFER TO RECREATION FUND	-	-	-	51,360	25,680	50%	-
001-190-0000-4918	TRANSFER TO RETIREMENT FUND	-	-	-	226,333	-	0%	176,333
001-190-0000-4927	TRANSFER TO STREET LIGHTING	20,000	-	-	-	-	0%	-
001-190-0000-4932	TRANSFER TO CAPITAL OUTLAY FUND	-	500,000	-	-	-	0%	-
001-190-0000-4941	TRANSFER TO EQUIP REPLACE FND	-	72,000	-	-	-	0%	100,000
001-190-0000-4943	TRANSFER TO FACILITY MAINT. FND	-	129,996	-	-	-	0%	98,667
001-190-0000-4953	TRANSFER TO COMM INV FUND	-	-	-	25,000	12,500	50%	-
001-190-0130-4132	FINANCE DEPARTMENT	-	2,501	-	-	-	0%	-
001-190-0178-4932	TRANSFER TO CAPITAL OUTLAY FUND	-	-	-	-	-	0%	-
001-190-0303-4932	ANNUAL ST SLURRY SEAL PROJECT	-	-	553,194	-	-	0%	-
001-190-3649-4267	YOUTH REINVESTMENT PROG BSCC 582-19	-	-	280	-	-	0%	-
001-190-0765-4932	TRANSFER TO CAPITAL OUTLAY FUND	-	1,217,803	2,500,000	-	-	0%	-
Transfers		20,000	1,922,300	3,053,474	302,693	38,180	13%	375,000
Division Total		858,048	2,310,424	3,375,457	803,208	143,033	18%	1,219,951

LEGAL SERVICES (LABOR ATTORNEY)**DIVISION NO. 112****DIVISION OVERVIEW**

The Legal Services - Labor Division accounts for special legal services for employment and labor-related issues. These services include consultation with expert legal professionals and subject matter experts to assist the City with labor contract negotiations, investigation of complaints and/or grievances, consultation on day-to-day disciplinary issues, and conducting of appeals hearings.

Dept: Administrative Services
Div: Labor Attorney

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-112-0000-4270 PROFESSIONAL SERVICES	114,445	195,760	370,710	150,000	89,907	60%	79,375
Operations & Maintenance Costs	114,445	195,760	370,710	150,000	89,907	60%	79,375



PAGE INTENTIONALLY
LEFT BLANK

**ADMINISTRATIVE
SERVICES DEPARTMENT:**

**INTERNAL SERVICE
FUND: SELF-INSURANCE**

DESCRIPTION

Internal Service Funds are proprietary funds used to account for activities that provide goods and services to other funds or departments within the City on a cost reimbursement basis.

The following is a list of the Internal Service Funds used by the City:

FUND NUMBER DESCRIPTION**INTERNAL SERVICE FUNDS**

006	Self-Insurance Fund (Administrative Services)
041	Equipment Maintenance and Replacement Fund (See Public Works Budget)
043	Facility Maintenance Fund (See Public Works Budget)

SELF-INSURANCE FUND**FUND NO. 006****FUND OVERVIEW**

The City of San Fernando is a self-insured entity with deductible and aggregate limits. The City is a member of the Independent Cities Risk Management Authority (ICRMA). ICRMA is comprised of Southern California member cities and is organized under a Joint Powers Agreement pursuant to the California Government Code. The purpose of the Authority is to arrange and administer programs of insurance for the pooling of self-insured losses and to purchase excess insurance coverage. Each city member has a representative on the Board of Directors. This fund is established to provide reserves to offset potential losses due to either personal or property damage.

A. Workers' Compensation: The City maintains a program of self-insurance for any liability to City employees pursuant to the Workers' Compensation Laws of the State of California. The City is self-insured for the first \$500,000 on each claim. The City participates in the ICRMA's worker's compensation program, which provides insurance coverage in excess of the self-insured amount. Worker's compensation administration fees and liability and property insurance are paid from this fund.

B. General Liability: The City belongs to the ICRMA's liability program. Specific coverage includes comprehensive and general automotive liability, personal injury, contractual liability, errors and omissions and certain other coverage. Annual premium payments are paid by member cities and are adjusted retrospectively to cover costs. San Fernando self-insures from the first dollar to a limit of \$250,000 for all cases that fall under the contract with the ICRMA. Participating cities then share above the retention level of \$250,000 to \$20,000,000 per loss occurrence.

C. Revenues and Expenditures: This fund is reimbursed through labor allocations charged to each department. Should the fund not have sufficient monies to offset expenditures, any payments would have to be paid by the individual home department or by the General Fund.

MAJOR PROJECTS/PROGRAMS

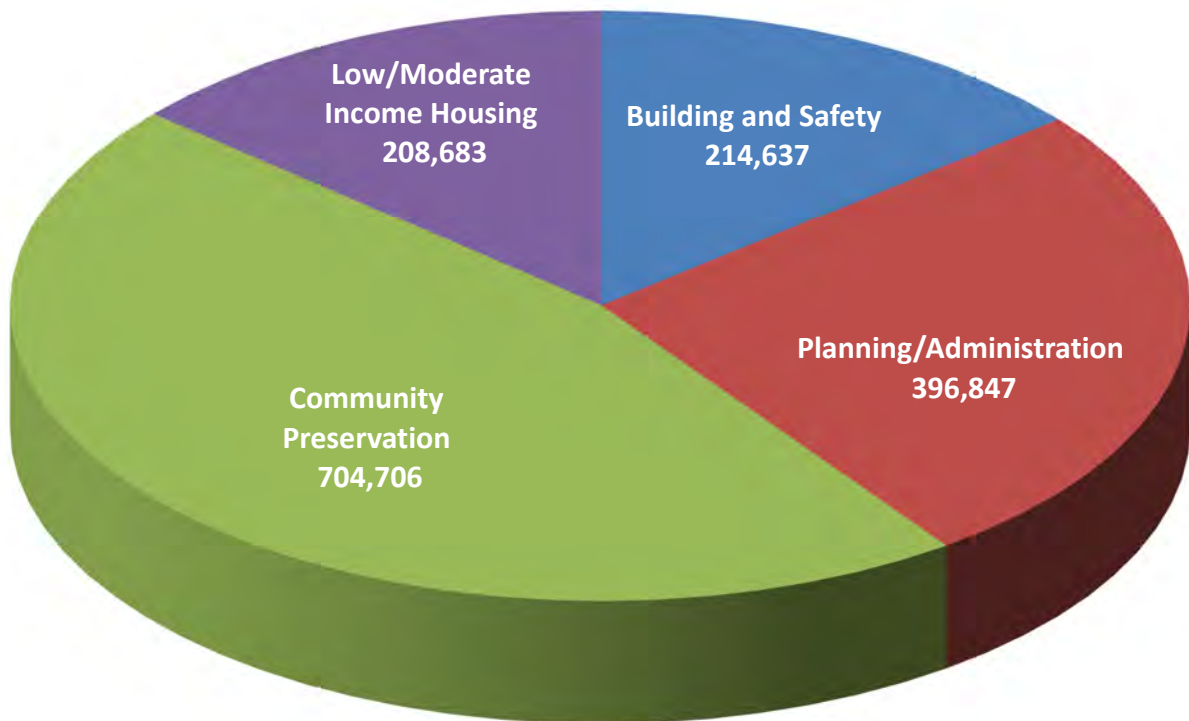
- Maintain a healthy reserve to fund unforeseen litigation and claims expenses.
- Continue to implement the safety training program.
- Develop standard operating procedures to ensure accurate and timely reporting for cost recovery efforts.

Fund: Self-Insurance Fund
Resp. Dept: Administrative Services

Beginning Fund Balance:				410,334			243,171	
REVENUES		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3500-0000	INTEREST INCOME	12,189	10,219	23,732	-	1,629	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(19,211)	(71,223)	(29,798)	-	94,109	0%	-
3901-0000	MISCELLANEOUS REVENUE	240	25,996	203,634	933,196	598,592	64%	-
3925-0000	WORKER'S COMP PREMIUM TRANSFER	1,164,114	1,256,326	1,508,306	1,349,641	662,939	49%	1,285,105
3951-0000	LIABILITY CHARGE	-	890,004	1,110,000	1,500,000	750,000	50%	1,015,000
3995-0000	TRANSFER FROM THE WATER FUND	60,000	60,000	60,000	60,000	30,000	50%	60,000
Total Revenue		1,217,332	2,171,322	2,875,873	3,842,837	2,137,270	98%	2,360,105
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
006-110-5635-4270	PROFESSIONAL SERVICES	-	-	-	-	-		-
006-110-5636-4270	CONFIDENTIAL	-	-	-	-	-		-
006-190-0000-4240	INSURANCE AND SURETY	279,278	321,032	359,178	573,249	448,250	78%	358,659
006-190-0000-4270	PROFESSIONAL SERVICES	-	1,069	-	-	-	0%	-
006-190-0000-4300	DEPARTMENT SUPPLIES	(253)	309	-	-	964	0%	-
006-190-0000-4480	COST ALLOCATION	-	-	-	-	-	0%	-
006-190-0000-4800	LIABILITY INSURANCE CLAIMS	150,143	730,874	2,071,099	928,769	261,482	28%	250,000
006-190-0000-4810	WORKER'S COMP CLAIMS	497,246	41,027	579,901	556,751	1,128,518	203%	500,000
006-190-0000-4830	LIABILITY INS REQUIREMENTS	781,150	999,475	1,156,905	1,951,231	1,520,174	78%	1,216,341
006-190-3711-4240	HEALTHY SF OPEN ST EVENT	-	-	-	-	-	0%	-
Operations & Maintenance Costs		1,707,565	2,093,786	4,167,083	4,010,000	3,359,389	84%	2,325,000
Total Appropriations		1,707,565	2,093,786	4,167,083	4,010,000	3,359,389	160%	2,325,000
ANNUAL SURPLUS/DEFICIT					(167,163)	35,105		
Ending Balance:					243,171	278,276		

NOTE: This Division was converted to an Internal Service Fund in FY 2015-2016

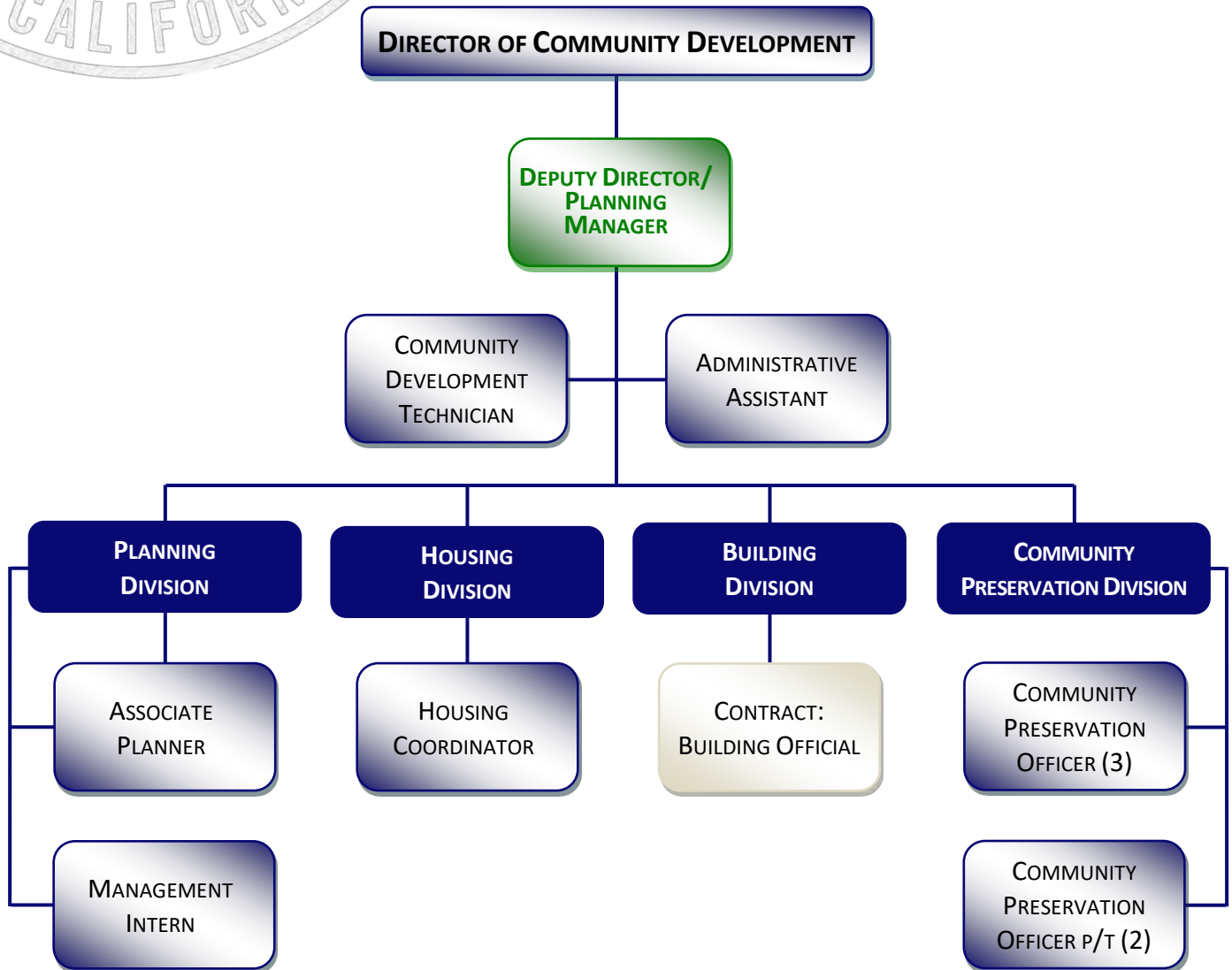
COMMUNITY DEVELOPMENT DEPARTMENT





THE CITY OF SAN FERNANDO

ORGANIZATIONAL CHART COMMUNITY DEVELOPMENT DEPARTMENT FISCAL YEAR 2024-2025



CONTRACT

PROPOSED

MISSION STATEMENT

The Community Development Department strives to improve the quality of life and economic vitality of the City and its residents through planning, implementing, and administering programs and projects that address community needs and priorities. The Department is committed to serve customers with courtesy and professionalism, promote sustainable development, historic preservation, affordable housing, and protect public health, safety and general welfare through the built environment.

DEPARTMENT OVERVIEW

The Community Development Department assists legislative bodies, including the City Council the Planning and Preservation Commission, as well as residents, businesses and property owners in the City to address land use, environmental, housing, historic and neighborhood preservation, public art, and City building and zoning code related matters.

The Department oversees the following activities:

- Ensuring that new building construction adheres to municipal building codes;
- Providing planning and development review to safeguard compliance with the City's general plan and zoning regulations, State housing laws and the California Environmental Quality Act (CEQA);
- Enforcing municipal building and property maintenance regulations on existing properties;
- Facilitating affordable housing provision and coordination for homeless services;
- Updating local ordinances in compliance with State law, and focusing on developing policies and implementing strategies to improve economic vitality in the City; and
- Providing technical support to the City Council, the Successor Agency, and the Planning and Preservation Commission relating to planning review and approval of new development, neighborhood preservation, and environmental compliance.

ACCOMPLISHMENTS FOR FY 2023-2024

1. On June 12, 2023, the Planning and Preservation Commission recommended the approval of Ordinance No. 1717 and on August 7, 2023 City Council approved Ordinance No. 1717 to streamline and update regulations and design standards for fences and walls in Section 106-670 of San Fernando Municipal Code to fit San Fernando residential needs. This took into effect on September 7, 2023. (Strategic Goal III, 1)
2. Due to the freezing of REAP 2.0 grant funding, the prior year objective to establish a Mixed-Use Overlay and amend Specific Plan 5 to comply with the latest state mandates and facilitate development of affordable housing units in existing commercial corridors to meet the Regional Housing Needs Assessment (RHNA) was not completed. This project and the identification of

ACCOMPLISHMENTS FOR FY 2023-2024

- alternative funding sources to complete it has been added to listed objectives for FY 2024-2025. (Strategic Goal III, 1)
3. The Southern California Association of Government developed a tool that the City can utilize to a regional Vehicle Miles Travelled (VMT) methodology to comply with State law. This eliminated the City's need to develop its own VMT methodology. Next steps would be to determine if adoption is required. This project will be added to the list of objectives for the Public Works Department. (Strategic Goal IV, 1)
 4. Due to staff transitions and competing priorities the establishment of a post-COVID outdoor dining program was not completed. This project has been added to listed objectives for FY 2024-2025. (Strategic Goals II, 4)
 5. Due to assigned staff departing prior to its completion the adoption of a Public Art ordinance was not completed. This will be added to objectives for FY 2025-2026. (Strategic Goals II, 1)
 6. On January 18, 2022, City Council adopted Ordinance No. U-1706 establishing objective standards for Urban Lot Splits and two-unit residential development projects in single family residential (R-1) zone pursuant to Senate Bill 9. The update to the Accessory Dwelling Unit (ADU) ordinance was not completed as the state legislature adopted a requirement for local agencies to implement a complete ADU program by January 2025. Therefore, the ADU update as well as the development of an ADU program with the request for funding has been added to listed objectives for FY 2024-2025. (Strategic Goal III, 1)
 7. Due to assigned staff departing prior to its completion new landscape regulations and design standards for residential front yards was not completed. This project with the request for funding has been added to listed objectives for FY 2024-2025. (Strategic Goal III, I and IV, 1)
 8. The Downtown Master Plan project has been moved to the Economic Development Division of the Administration Department. (Strategic Goal II, 4)
 9. Due to the freezing of REAP 2.0 grant funding, the prior year objective to apply for a Certified Local Government status with the State Office of Historic Preservation to qualify for State grants for re-launching the City's historic preservation efforts has been postponed. This project will be added to the list of objectives for FY 2024-2026 if funding allows for the historic inventory to be updated. (Strategic Goal III, 3)
 10. Initiated the implementation of an automated solar permit system to empower our residential and commercial owners to obtain residential solar permits remotely and instantaneously. (Strategic Goal I, 6)

ACCOMPLISHMENTS FOR FY 2023-2024

11. Flyers were mailed out in the water bills of residents to remind them of the municipal codes that address property maintenance. In addition the City initiated the Neighborhood Clean Up! Program utilizing the appropriated CDBG funds. This was in place of the Spring Property Maintenance program as it is led by the Community Preservation Division to assist residents in addressing overgrown vegetation, bulky items, trash and debris, to ensure the beautification of San Fernando. (Strategic Goal III, 1)
12. The Neighborhood Clean-up Day was transitioned into the Neighborhood Clean Up! Program as Republic hosted a number of bulky item pick up days during the fiscal year. (strategic Goal III,1)
13. The City is participating in the LA County Development Authority Home Ownership Program that will assist moderate-income homebuyers earning 120% of the Area Median Income for LA County in the purchase of their first home. In addition, the City is promoting the LA County first time homebuyer grant- Greenline Home Program that offers \$35,000 to use as a down payment or to assist with closing costs. (Strategic Goals I, 1, III, 2 and III, 4-6)
14. The City's rehabilitation program to support restoration of existing housing to enhance the quality of life is currently under consideration by City Council. (Strategic Goals I, 1 and III,4)
15. On February 20, 2024, City Council received a report regarding the completion of Phase 1 of the City's Climate Adaptation & Resilience Plan (CARP). Phase 1 involved creating a Greenhouse Gas Emissions Inventory and a Climate Vulnerability Assessment. On April 2, 2024, City Council accepted grant funds from the Office of Planning and Research in the amount of \$599,918.18 and amended a contract with Rincon Consultants to initiate Phase 2 of the CARP. (Strategic Goal IV, 1)
16. As May 2024, all full-time Department vacancies are filled. (Strategic Goal I, 1)
17. Established on-call lists of professional planning and environmental firms to assist with development, environmental, and architectural design review, as well as long-range planning to supplement staff resources and provide additional expertise as on-call as needed basis to alleviate the need to issue an RFP for individual projects or department need. (Strategic Goal III, 3 and 4)
18. Number of projects, cases and revenues have been added to the performance metrics below and will continue to be reported as such for subsequent fiscal year reports. (Strategic Goal I, 1 and 6)
19. Improving City's Online Permit Counter to provide more efficient and streamlined process for Planning Application and Building Permit review and approval is a given on-going goal of the department and will not be specified in subsequent fiscal year reports. (Strategic Goal I, 6)

ACCOMPLISHMENTS FOR FY 2023-2024

20. The develop a comprehensive set of objective design standards for infill mixed-use and multi-family developments was separated from the larger objective due to the freezing of the REAP 2.0 grant funding. It was coupled with the implementation of the mixed-use overlay as an objective. While, these two planning projects are essential to implementing our Housing Element, it may be phased or completed as funds become available. The other portion of the project which calls for the development of objective design standards for commercial and residential uses of 4 units or less will be added to the list of objectives for the fiscal year 2025-2026. (Strategic Goal III,4)
21. Due to the freezing of the REAP 2.0 funding, the application for a Certified Local Government (CLG) grant program from the State Office of Historic Preservation to initiate Phase I of Historic Survey Update was not completed. This will be added to the list of objectives for FY 2025-2026. (Strategic Goal III, 3)

OBJECTIVES FOR FY 2024-2025

1. Establish Objective Design Standards for multi-family and mixed-use developments to allow for a streamlined ministerial planning review process in compliance with State mandates. Simultaneously, implement a Mixed-Use Overlay to comply with State housing law by increasing densities in existing commercial corridors to meet the Regional Housing Needs Assessment (RHNA) allocation while protecting the character and charm of existing residential neighborhoods. (Strategic Goal III, 1)
2. Finalize creation of a new outdoor dining program to promote pedestrian friendly and community focused design, as well as supporting post-COVID business model and economic development. (Strategic Goal II, 4)
3. Update Accessory Dwelling Unit ordinance to comply with the latest state mandates and aligns with the Housing Element. (Strategic Goal III, 5a)
4. Create new landscape regulations and design standards for residential front yards based on the outcome of Every Last Drop research project conducted by CalPoly Pomona students to address the challenges of the changing climate and ensure visual attractiveness of front yards in residential areas. (Strategic Goal III, 1 and IV, 1)
5. Initiate a Commercial Education and Maintenance Campaign for Community Preservation Officers to work with the business community to ensure the beautification of San Fernando's commercial corridors. (Strategic Goal II, 4, 5)

OBJECTIVES FOR FY 2024-2025

6. Update the City's Zoning Code to comply with State housing laws including density bonus law and to ensure facilitation of affordable housing. (Strategic Goal III, 4)

Proposed Enhancement to Services:

7. Deputy Director of Community Development/Planning Manager: \$211,400- Ongoing (Strategic Goal I, 1) –

This position will provide much needed capacity at the manager level to provide structure within the department by supporting the Director in the overall leadership of the Department. This position will plan, organize, direct and supervise current and advanced planning programs; implement the City's Zoning Code, General Plan and other State and local regulations. They will also coordinate with managers of other departments to ensure the City's development process is strategic, compliant, efficient and inclusive.

8. Supplemental Community Development services: \$100,000- One-Time- (Strategic Goal I, 1)

This will ensure essential building services are provided to the community, as well as to implement policies/programs that are required by State law, identified in the City's certified Housing Element or have been directed by Council to complete that staff does not have the certifications or expertise to provide.

9. Annual community preservation glossy Citywide residential postcard mailing: \$3,463-Ongoing (Strategic Goal III, 1).

This is the full cost of mailing out one glossy postcard to all residential properties in the City once a year. This will allow the Community Preservation Division to notify residents of specific enforcement programs that will occur related to community beautification.

PERFORMANCE MEASURES

PLANNING/ADMINISTRATION DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Public Inquiries at Counter*	-	-	679	2,856	2,000
B. # of Planning Application Submitted	585	633	379	525	530
C. # of Agenda Items (City Council (CC); Planning and Preservation Commission (PCC))	CC: 9 PCC: 18	CC: 17 PCC: 11	CC: 12 PCC: 17	CC: 10 PCC: 11	CC: 11 PCC: 12

* In-Person Inquiries Only (Does not include Phone/Email)

BUILDING & SAFETY DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Building Permit Issued	1,223	1,044	756	1,000	1,400
B. # of Plans Reviewed	79	141	69	122	100
C. # of Building Inspections Completed	1,116	1,233	2,251	2,541	2,075
D. # of Presale Inspections	87	110	42	50	40

COMMUNITY PRESERVATION DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Code Violations Initiated	706	674	543	593	640
B. # of Citation Issued	596	654	496	161	190
C. # of Code Enforcement Cases Closed	461	626	400	932	500
D. # of Code Enforcement Follow-Up Inspections	786	895	822	1,337	830

HOUSING DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Customers Served	**	**	90	120	120
B. # of Home Loan/Grant Pre-Applications Received	**	**	0	100	100
C. # of Home Loan/Grant Applications Funded	**	**	0	10	10
D. # of Outreach Events for Landlord/Tenant Rights	**	**	0	4	4
E. # of Outreach Events for Unhoused Individuals	**	**	1	4	4

** Not Previously Tracked

FUNDING SUMMARY FOR FY 2024-2025
SOURCES:

COMMUNITY DEVELOPMENT	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
General Revenue	678,702	374,243	717,360	1,064,421	929,123
Construction Permits	284,111	262,647	315,000	330,500	300,000
Comm. & Home Occupancy Permits	20,068	23,881	23,000	24,000	21,500
Planning Review	35,442	28,896	32,000	34,500	30,000
Garage Sale Permits	1,128	1,785	1,700	2,000	2,250
Banner And Sign Permits	14,384	10,950	14,000	15,500	16,000
Code Enforcement Citations	16,890	12,428	11,000	13,000	20,000
Zoning & Planning Fees	109,026	123,914	90,000	129,000	150,000
Public Notification Fees	-	247	440	500	1,000
Environmental Assessment Fees	-	4,800	2,000	2,000	5,000
Code Enforcement Inspection Orders	3,782	6,687	3,500	6,000	5,000
Inspection Upon Resale Program	22,800	26,880	19,000	24,000	20,000
Vendor Inspection Fees	8,013	19,620	15,000	17,500	25,000
TOTAL FUNDING SOURCES	1,194,346	896,978	1,244,000	1,662,921	1,524,873

USES:

COMMUNITY DEVELOPMENT	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
01-140 Building and Safety	191,954	83,569	122,623	227,357	214,637
01-150 Planning/Administration	433,013	391,683	558,015	463,805	396,847
01-151 Economic Development ⁽¹⁾	42,065	33,955	-	-	-
01-152 Community Preservation	527,313	387,771	492,999	763,947	704,706
01-155 Low/Mod Income Housing	-	-	70,363	207,812	208,683
TOTAL FUNDING USES	1,194,346	896,978	1,244,000	1,662,921	1,524,873

¹ Economic Development Division moved from Community Development to City Manager's Office in FY 2022-2023



COMMUNITY DEVELOPMENT DEPARTMENT

PERSONNEL:

	2021	2022	2023	2024	2025
COMMUNITY DEVELOPMENT	Actual	Actual	Actual	Adjusted	Proposed
Director of Community Development	1.00	1.00	1.00	1.00	1.00
Deputy Director/Planning Manager ¹	0.00	0.00	0.00	0.00	1.00
Building & Safety Supervisor	1.00	0.00	0.00	0.00	0.00
Associate Planner	1.00	1.00	1.00	1.00	1.00
Community Development Secretary	1.00	0.00	0.00	0.00	0.00
Community Development Technician	0.00	1.00	1.00	1.00	1.00
Administrative Assistant	0.00	0.00	1.00	1.00	1.00
Community Preservation Officer	2.00	2.00	3.00	3.00	3.00
Community Preservation Officer (FTE)	0.95	0.95	0.95	0.95	0.95
City Maintenance Helper - Graffiti (FTE)	0.75	0.75	0.00	0.00	0.00
Management Intern	0.00	0.46	0.46	0.46	0.46
Housing Coordinator	0.00	0.00	1.00	1.00	1.00
TOTAL COMM. DEV. PERSONNEL	7.70	7.16	9.41	9.41	10.41

¹ Deputy Director of Community Development/Planning Manager recommended as budget enhancement in Fiscal Year 2024-2025

BUILDING AND SAFETY**DIVISION NO. 140****DIVISION OVERVIEW**

The Building and Safety Division ensures the safe occupancy of buildings by verifying construction compliance with regulated building and fire codes, and construction that is built in accordance with approved planning entitlements. Building and Safety operations include public counter permitting operations, plan check review and building inspection. The building and safety, planning and administrative personnel will continue to work together on improving the department's standard operating procedures, including the coordination with other departments and plan checking consultants in an effort to streamline and shorten the time necessary to review development proposals and complete the processing of construction permits.

Outside professional firms continue to support the Building and Safety Division by providing professional and technical skills on an on-call as needed basis. This includes the review of construction documents, building inspections and Building Official services.

Dept: Community Development
Div: Building & Safety

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-140-0000-4101 SALARIES-PERMANENT EMPLOYEES	72,948	18,658	70,997	81,328	34,257	42%	111,626
001-140-0000-4105 OVERTIME	2,165	1,627	2,353	-	354	0%	-
001-140-0000-4120 O.A.S.D.I.	5,747	1,552	5,457	5,870	2,648	45%	7,793
001-140-0000-4126 HEALTH INSURANCE	19,113	5,095	5,514	7,795	5,093	65%	19,536
001-140-0000-4128 DENTAL INSURANCE	1,425	353	405	316	573	181%	611
001-140-0000-4129 RETIREE HEALTH SAVINGS	-	-	1,489	600	323	54%	1,275
001-140-0000-4130 WORKER'S COMPENSATION INS.	4,334	321	1,136	1,235	1,442	117%	3,970
001-140-0000-4134 LONG TERM DISABILITY INSURANCE	-	-	233	337	93	27%	441
001-140-0000-4136 OPTICAL INSURANCE	353	68	70	54	107	198%	204
001-140-0000-4138 LIFE INSURANCE	60	23	44	70	29	42%	90
001-140-0000-4140 WELLNESS BENEFIT	-	-	-	150	-	0%	-
Personnel Costs	106,145	27,695	87,697	97,755	44,918	46%	145,546
001-140-0000-4220 TELEPHONE	132	-	-	900	-	0%	900
001-140-0000-4270 PROFESSIONAL SERVICES	62,860	36,535	14,301	103,456	8,305	8%	40,696
001-140-0000-4300 DEPARTMENT SUPPLIES	2,708	950	2,897	4,795	259	5%	2,500
001-140-0000-4320 DEPARTMENT EQUIPMENT MAINT	-	-	-	-	-	0%	-
001-140-0000-4360 PERSONNEL TRAINING	583	170	4,071	1,900	-	0%	1,400
001-140-0000-4370 MEETINGS, MEMBERSHIPS & TRAVEL	-	-	1,322	-	-	0%	1,850
001-140-0000-4380 SUBSCRIPTIONS DUES & MMBRSHIPS	145	315	185	515	-	0%	515
001-140-0000-4390 MILEAGE REIMBURSEMENT	-	-	762	900	-	0%	900
Operations & Maintenance Costs	66,428	37,970	23,537	112,466	8,564	8%	48,761
001-140-0000-4706 LIABILITY CHARGE	-	1,728	5,100	7,941	3,971	50%	7,935
001-140-0000-4743 FACILITY MAINTENANCE CHARGE	19,382	16,176	6,288	9,195	4,598	50%	12,395
Internal Service Charges	19,382	17,904	11,388	17,136	8,568	50%	20,330
001-140-0000-4500 CAPITAL EXPENSES	-	-	-	-	-	0%	-
Capital Costs	-	-	-	-	-	0%	-
Division Total	191,954	83,569	122,623	227,357	62,050	51%	214,637

PLANNING/ADMINISTRATION**DIVISION No. 150****DIVISION OVERVIEW**

The Planning/Administration Division administers and implements City land use and development policies, design policies, historic preservation program, public art program, and compliance with the California Environmental Quality Act. The division provides direct services to the public by staffing the public counter, responding to citizen inquiries, processing a variety of development review applications, and working closely with the Planning and Preservation Commission, and the City Council to ensure new development reflects City land use policy, and enhances the built environment.

Planning personnel continue to work on improving the department's review and processing of project entitlements, including coordination with building and safety personnel, other City departments, and design consultants in order to implement Council directives and department priority projects. Planning personnel also update policies and standards to comply with changing State housing and land use laws, promoting economic development and sustainability, and improving public health and the environment.

Dept: Community Development
Div: Planning/Administration

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-150-0000-4101	SALARIES-PERMANENT EMPLOYEES	292,296	224,509	159,990	156,062	90,472	58%	182,398
001-150-0000-4103	WAGES-TEMPORARY & PART-TIME	3,727	30,372	13,392	21,250	10,677	50%	38,522
001-150-0000-4105	OVERTIME	8,259	6,577	4,354	-	535	0%	-
001-150-0000-4111	COMMISSIONER'S REIMBURSEMENT	2,475	1,875	1,950	6,000	300	5%	6,000
001-150-0000-4120	O.A.S.D.I.	19,818	20,128	13,288	14,158	7,906	56%	16,693
001-150-0000-4124	RETIREMENT	-	-	-	-	-	0%	-
001-150-0000-4126	HEALTH INSURANCE	37,178	18,527	24,819	36,405	19,080	52%	41,575
001-150-0000-4128	DENTAL INSURANCE	3,881	1,023	1,612	632	1,739	275%	1,300
001-150-0000-4129	RETIREE HEALTH SAVINGS	2,068	3,158	2,276	3,426	1,232	36%	2,475
001-150-0000-4130	WORKER'S COMPENSATION INS.	4,643	4,125	3,935	3,283	3,582	109%	5,424
001-150-0000-4134	LONG TERM DISABILITY INSURANCE	1,070	440	466	337	93	27%	441
001-150-0000-4136	OPTICAL INSURANCE	632	285	284	107	327	305%	434
001-150-0000-4138	LIFE INSURANCE	203	173	117	277	88	32%	248
001-150-0000-4140	WELLNESS BENEFIT	-	600	600	300	-	0%	750
001-150-0000-4141	TECHNOLOGY ALLOWANCE	-	-	-	-	-	0%	1,500
001-150-0000-4142	AUTOMOBILE ALLOWANCE	-	-	-	-	-	0%	4,800
001-150-3689-XXXX	COVID-19 GLOBAL OUTBREAK	2,100	-	-	-	-	0%	-
Personnel Costs		378,350	311,791	227,084	242,237	136,031	56%	302,560
001-150-0000-4230	ADVERTISING	3,405	4,292	5,558	4,900	1,743	36%	2,000
001-150-0000-4270	PROFESSIONAL SERVICES	4,055	16,389	252,645	148,434	6,719	5%	33,750
001-150-0000-4300	DEPARTMENT SUPPLIES	4,251	1,224	8,090	4,115	957	23%	4,115
001-150-0000-4360	PERSONNEL TRAINING	-	-	382	100	-	0%	900
001-150-0000-4365	TUITION REIMBURSEMENT	-	-	-	3,000	-	0%	-
001-150-0000-4370	MEETINGS, MEMBERSHIPS & TRAVEL	50	50	3,200	5,960	1,037	17%	6,110
001-150-0000-4380	SUBSCRIPTIONS DUES & MMBRSHIPS	1,547	1,673	1,888	1,425	96	7%	1,725
001-150-0000-4390	MILEAGE REIMBURSEMENT	2,591	1,652	1,640	1,900	1,662	87%	1,800
Operations & Maintenance Costs		15,898	25,280	273,403	169,834	12,214	7%	50,400
001-150-0000-4706	LIABILITY CHARGE	-	22,260	19,812	21,573	10,787	50%	16,495
001-150-0000-4743	FACILITY MAINTENANCE CHARGE	38,765	32,352	37,716	30,161	15,081	50%	27,392
Internal Service Charges		38,765	54,612	57,528	51,734	25,867	100%	43,887
Division Total		433,013	391,683	558,015	463,805	174,112	31%	396,847



COMMUNITY PRESERVATION

DIVISION No. 152

DIVISION OVERVIEW

The Community Preservation Division protects public health, safety and welfare by enforcing the municipal code. Division staff perform inspections and enforce laws to correct illegal and unsafe building conditions and structures, inadequate property maintenance, public nuisances, noncompliance with business licensing requirements, and violations of zoning code regulations. Additionally, Community Preservation Division staff performs the City's graffiti abatement program on City-owned property and public right-of-way

Dept: Community Development
Div: Community Preservation

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-152-0000-4101	SALARIES-PERMANENT EMPLOYEES	140,779	164,159	246,821	271,061	80,053	30%	304,871
001-152-0000-4103	WAGES-TEMPORARY & PART-TIME	48,155	37,324	46,656	79,384	40,000	50%	98,848
001-152-0000-4105	OVERTIME	3,742	15,033	7,247	-	354	0%	-
001-152-0000-4120	O.A.S.D.I.	14,790	16,631	22,842	24,210	9,211	38%	30,138
001-152-0000-4124	RETIREMENT	-	-	-	-	-	0%	-
001-152-0000-4126	HEALTH INSURANCE	15,596	20,543	29,596	74,073	11,390	15%	79,422
001-152-0000-4128	DENTAL INSURANCE	1,377	531	405	316	893	283%	2,482
001-152-0000-4129	RETIREE HEALTH SAVINGS	-	587	1,593	7,338	323	4%	1,275
001-152-0000-4130	WORKER'S COMPENSATION INS.	12,919	14,659	18,075	24,435	5,416	22%	22,482
001-152-0000-4134	LONG TERM DISABILITY INSURANCE	-	-	233	337	93	27%	441
001-152-0000-4136	OPTICAL INSURANCE	311	68	70	54	182	337%	828
001-152-0000-4138	LIFE INSURANCE	302	255	277	485	99	21%	428
001-152-0000-4140	WELLNESS BENEFIT	-	-	-	150	-	0%	-
001-152-3689-4101	COVID-19 GLOBAL OUTBREAK	11,103	-	-	-	-	0%	-
001-152-3689-4103	COVID-19 GLOBAL OUTBREAK	18,703	7,718	-	-	-	0%	-
001-152-3689-4120	COVID-19 GLOBAL OUTBREAK	2,280	590	-	-	-	0%	-
001-152-3689-4130	COVID-19 GLOBAL OUTBREAK	2,167	561	-	-	-	0%	-
Personnel Costs		272,225	278,660	373,815	481,843	148,013	31%	541,215
001-152-0000-4220	TELEPHONE	2,898	2,328	2,126	4,500	760	17%	4,500
001-152-0000-4230	ADVERTISING	-	-	271	1,200	-	0%	587
001-152-0000-4270	PROFESSIONAL SERVICES	-	-	8,690	116,260	12,843	11%	25,000
001-152-0000-4300	DEPARTMENT SUPPLIES	8,746	11,720	5,350	12,831	2,037	16%	4,500
001-152-0000-4325	UNIFORM ALLOWANCE	448	1,183	1,614	2,000	89	4%	2,000
001-152-0000-4340	SMALL TOOLS	-	106	-	-	-	0%	-
001-152-0000-4360	PERSONNEL TRAINING	50	516	255	250	106	42%	945
001-152-0000-4365	TUITION REIMBURSEMENT	-	-	-	1,500	476	32%	-
001-152-0000-4370	MEETINGS, MEMBERSHIPS & TRAVEL	670	3,937	1,815	3,370	2,668	79%	2,668
001-152-0000-4380	SUBSCRIPTIONS DUES & MMBRSHIPS	285	485	485	500	200	40%	500
001-152-0000-4390	MILEAGE REIMBURSEMENT	-	-	658	900	-	0%	900
Operations & Maintenance Costs		13,098	20,275	21,264	143,311	19,178	13%	41,600
001-152-0000-4706	LIABILITY CHARGE	-	14,664	26,592	43,204	21,602	50%	29,505
001-152-0320-4741	EQUIP MAINT CHARGE	37,102	18,672	22,944	33,589	16,794	50%	22,256
001-152-0000-4741	EQUIP REPLACEMENT CHARGE	4,375	4,380	4,380	4,375	2,190	50%	11,875
001-152-0000-4743	FACILITY MAINTENANCE CHARGE	61,248	51,120	44,004	57,625	28,812	50%	58,255
Internal Service Charges		102,725	88,836	97,920	138,793	69,398	50%	121,891
001-152-0000-4500	CAPITAL EXPENSES	139,265	-	-	-	-	0%	-
Capital Costs		139,265	-	-	-	-	0%	-
Division Total		527,313	387,771	492,999	763,947	236,589	31%	704,706



HOUSING

DIVISION NO. 155

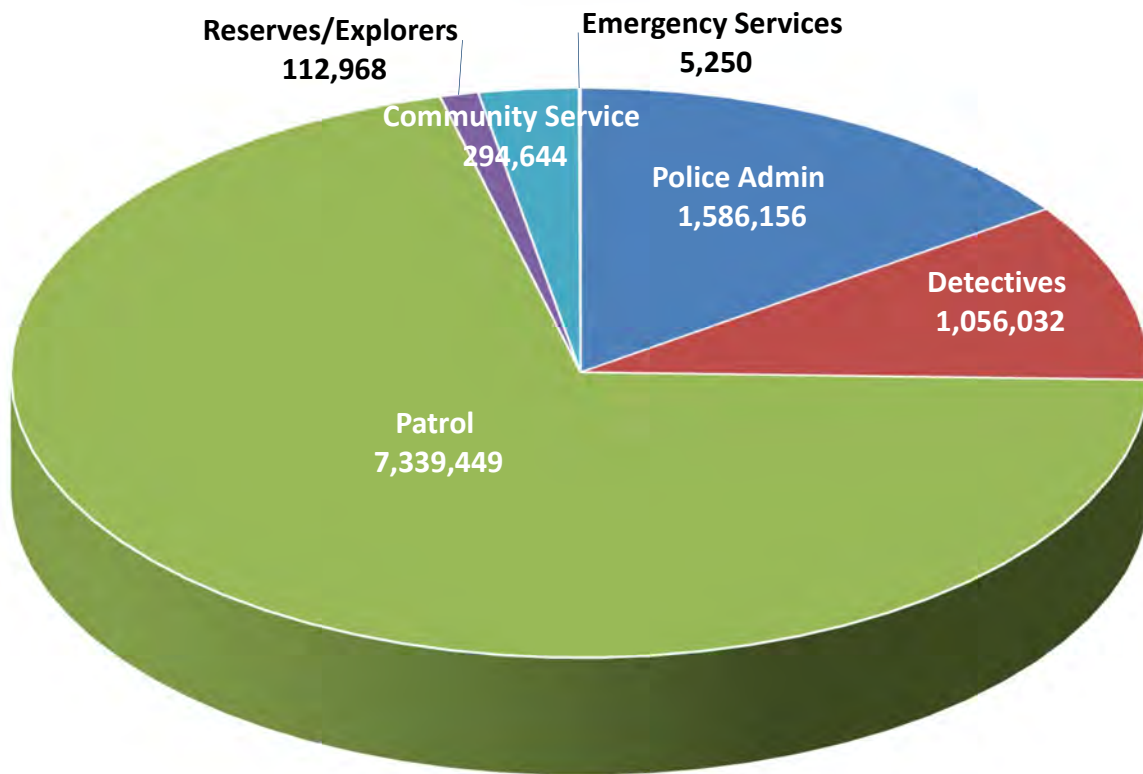
DIVISION OVERVIEW

The Housing Division develops and implements strategies to address homelessness and to promote and maintain affordable housing in San Fernando. The Division is responsible for implementing programs in the Housing Element and Homeless Action Plan, tracking affordable housing units to ensure long-term affordability and quality of affordable housing stock, and promote programs that assist with homeownership or retention and restoration of existing housing to enhance the quality of life. The Division works with third party consultants, non-profit organizations, and the greater San Fernando community to bring and maintain quality affordable housing, and manage homeless services coordination with neighboring jurisdictions and community outreach.

Dept: Community Development
Div: Low/Moderate Income Housing

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
001-155-0000-4101	SALARIES-PERMANENT EMPLOYEES	-	-	46,095	127,767	39,645	31%	143,308
001-155-0000-4105	OVERTIME	-	-	-	-	173	0%	-
001-155-0000-4120	O.A.S.D.I.	-	-	3,335	9,454	3,046	32%	10,217
001-155-0000-4124	RETIREMENT	-	-	-	-	(1,385)	0%	-
001-155-0000-4126	HEALTH INSURANCE	-	-	959	29,253	2,878	10%	16,672
001-155-0000-4128	DENTAL INSURANCE	-	-	300	-	423	0%	521
001-155-0000-4129	RETIREE HEALTH SAVINGS	-	-	1,395	1,050	941	90%	2,175
001-155-0000-4130	WORKER'S COMPENSATION INS.	-	-	1,881	1,975	1,525	77%	4,366
001-155-0000-4134	LONG TERM DISABILITY INSURANCE	-	-	-	337	93	27%	441
001-155-0000-4136	OPTICAL INSURANCE	-	-	63	-	80	0%	174
001-155-0000-4138	LIFE INSURANCE	-	-	50	117	53	45%	113
001-155-0000-4140	WELLNESS BENEFIT	-	-	-	150	-	0%	-
Personnel Costs		-	-	54,079	170,103	47,471	28%	177,987
001-155-0000-4300	DEPARTMENT SUPPLIES	-	-	-	3,500	231	7%	3,000
001-155-0000-4370	MEETINGS, MEMBERSHIPS & TRAVEL	-	-	-	1,700	125	7%	2,200
001-155-0000-4380	SUBSCRIPTIONS DUES & MMBRSHIPS	-	-	-	300	-	0%	300
001-155-0000-4390	MILEAGE REIMBURSEMENT	-	-	-	-	-	0%	-
Operations & Maintenance Costs		-	-	-	5,500	356	6%	5,500
001-155-0000-4706	LIABILITY CHARGE	-	-	6,852	13,818	6,909	50%	9,703
001-155-0000-4743	FACILITY MAINTENANCE CHARGE	-	-	9,432	18,391	9,195	50%	15,493
Internal Service Charges		-	-	16,284	32,209	16,104	50%	25,196
Division Total		-	-	70,363	207,812	63,932	91%	208,683

POLICE DEPARTMENT

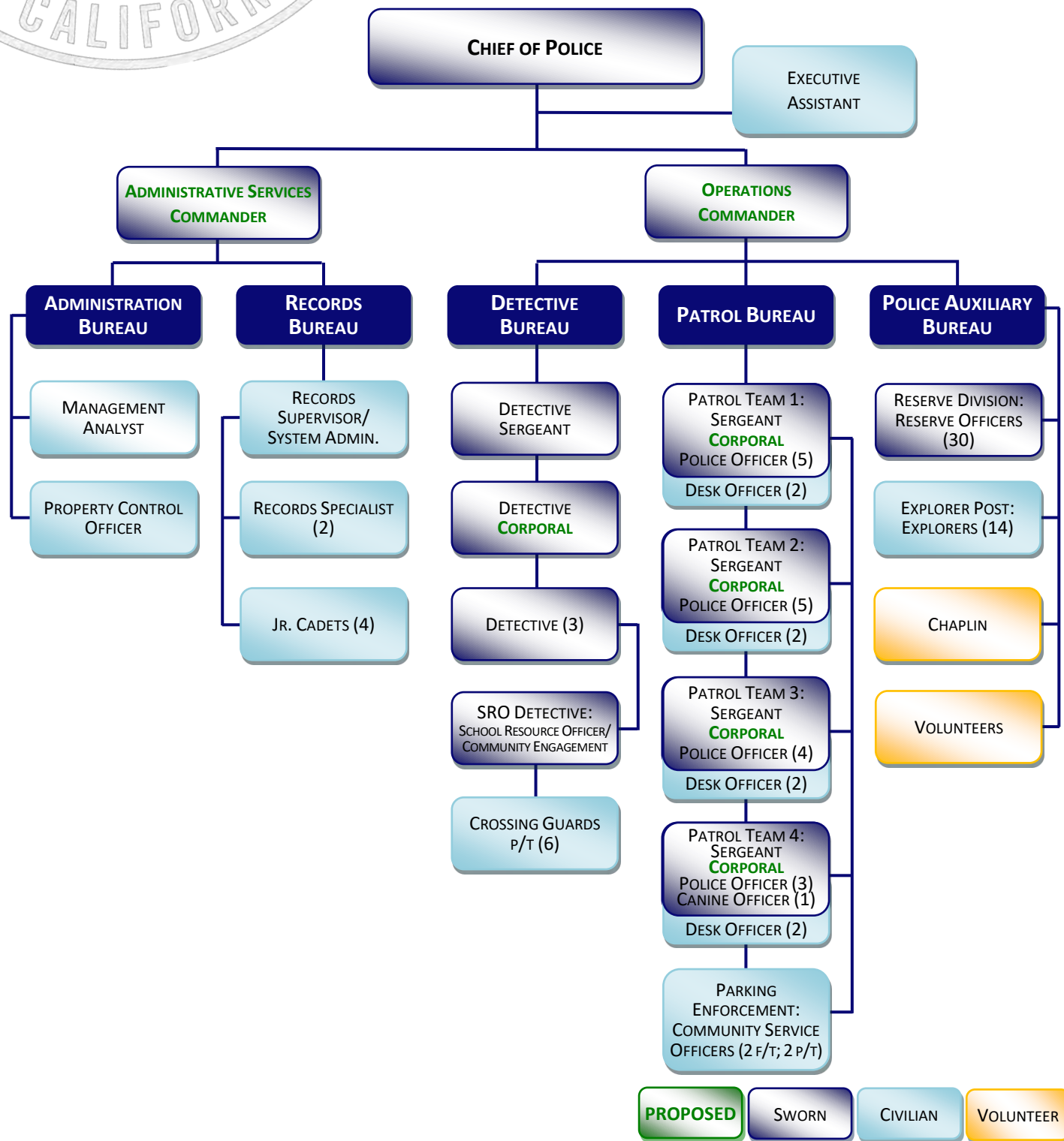




THE CITY OF SAN FERNANDO

ORGANIZATIONAL CHART

POLICE DEPARTMENT FISCAL YEAR 2024-2025



MISSION STATEMENT

The Police Department exists to safeguard life and protect property. The Department is mindful of the community's well-being in its pursuit of preserving peace, reducing crime, and creating an overall feeling of safety and security; working in conjunction with our stakeholders and law enforcement partners to achieve a better quality of life for the San Fernando Community.

DEPARTMENT OVERVIEW

The Police Department is a dedicated group of law enforcement professionals vested in the highest quality of life for the community. Through investigations, patrols, crime prevention, and other specialized services, the Department protects life, property, and the rights of all persons. The Department continues to enjoy strong community support based upon efficient and effective law enforcement operations.

ACCOMPLISHMENTS FOR FY 2023-2024

1. Implemented the Law Enforcement Mental Health and Wellness Act (LEMHWA) Grant to include peer counseling training for four (4) Department employees from June 26-28, 2024, to support a healthy work environment. (Strategic Goal I.4)
2. Entered into an agreement with The Counseling Team International (TCTI) in June 2024 to provide emotional support employees during critical incidents. (Strategic Goal I.4)
3. Continued developing a Mental Health evaluation program funded through the Department of Health and Human Services Substance Abuse and Mental Health Services Administration (SAHMSA) Grant, facilitated by Congressman Tony Cardenas. The Council accepted the SAMHSA Grant funds on December 4, 2023. This program provides mental health services for community members experiencing acute mental health crises, connecting them with appropriate resources and promoting overall community wellness. (Strategic Goals I.1 & I.4)
4. In February 2024 conducted training for Chief, Lieutenants, Sergeants, Records Administrator, Management Analyst, and Lead Desk Officer. Established an Action Plan with timelines for project completion and hosted a Department wide meeting on March 21, 2024 to disseminate the plan to all Department members. (Strategic Goals I.1 & I.4)
5. Secured funding through the Organized Retail Theft Grant Program to enhance enforcement efforts targeting retail and property theft crimes. The City Council accepted grant funds on October 16, 2023, and approved a Master Services Agreement with Flock Safety on February 4, 2024. Finalized permits and began installation of FLOCK/Automated License Plate Reader (ALPR) cameras with eight (8) cameras installed in April 2024. (Strategic Goals I.1, I.4, I.6)

ACCOMPLISHMENTS FOR FY 2023-2024

6. One Sergeant attended session 1 of the Sherman Block Supervisory Leadership Institute (SBSLI) training on April 11, 2024, session 2 on May 9, 2024 and session 3 on June 6, 2023. (Strategic Goals I.1, I.2, I.4, & I.6)
7. Hosted two (2) Community Academies consisting of eleven (11) sessions each with an average of thirty (30) participants. Held five (5) Parent Academies consisting of six (6) sessions each, with a total of one-hundred seventy-five (175) participants. See *Performance Measures Detective Division D* for total number of community outreach events. (Strategic Goals I.1 & I.2)
8. Hosted ten (10) Neighborhood Watch and Business Watch Meetings, averaging twelve (12) and eight (8) participants, respectively. See *Performance Measures Detective Division D* for total number of community outreach events. (Strategic Goals I.1 & I.2)
9. Hosted annual Police Department Open House on Memorial Day On May 29, 2023 that brought approximately two-hundred fifty (250) attendees to the Police facility during the event. (Strategic Goals I.1 & I.2)
10. Hosted annual National Night Out event on October 3, 2023 that brought together approximately six-hundred (600) community members from San Fernando and surrounding neighborhoods. (Strategic Goals I.1 & I.2)
11. Sponsored Annual Holiday Basket Giveaway on December 19, 2023 that served one-hundred twenty (120) families with toys, gift cards and food. (Strategic Goal I.2 & I.7)
12. Received City Council authorization on January 16, 2024, and submitted grant applications to the Office of Traffic Safety (OTS) and Cannabis Tax Program for traffic and impaired driving enforcement. Notification of award is expected in June 2024. (Strategic Goal I.2 & VII.4)
13. In April 2024, received City Council authorization and submitted a grant application to Alcoholic Beverage Control (ABC) to fund operations that focus on alcohol-related compliance with state law and local regulations. (Strategic Goal I.2 & VII.4)
14. In June 2024, purchased four (4) additional Body Worn Cameras for Community Service Officers (Strategic Goal I.1).
15. Expanded the Department's Wellness Program by sending two (2) Officers for training and certification as Gracie Survival Tactics Instructors from January 29 to February 2, 2024. An additional officer was trained and certified as a Gracie Survival Tactics Instructor from May 27-31, 2024. (Strategic Goal I.2)

ACCOMPLISHMENTS FOR FY 2023-2024

16. Established a Law Enforcement Chaplain program March 28, 2024, whose purpose is to provide emotional and spiritual support to law enforcement personnel, families, and community members during times of crises. (Strategic Goal I.4)
17. Hired six (6) Police Officers, one (1) Community Service Officer, two (2) Police Dispatchers, and added two (2) Police Reserve Officers and one (1) Volunteer. (Strategic Goal I.2)
18. San Fernando Explorer Post 521 participated in the Chandler Tactical Competition on January 13th and 14th in 2024 and won three (3) separate awards. In total, the explorer post participated in twenty-two (22) different events. Detective Jorge Cervantes was awarded the William H. Spurgeon III Award on April 17, 2024, which is the highest award possible for Explorer advisors. This is the second time a San Fernando Police Department advisor has ever received this award. (Strategic Goal I.4)
19. Successfully passed two (2) training compliance and background audits by California Peace Officer Standards and Training (POST). The first audit was conducted on August 30, 2023 and the second audit was conducted on February 21, 2024. (Strategic Goal I.2)
20. Reallocated 20% of a full-time Detective's responsibilities to serve in the capacity of a School Resource Officer. (Strategic Goal I.2 & I.6)
21. Began Concealed Weapons Carry Licensing Program (CCW) on January 1, 2024 in accordance with Federal and State laws.

OBJECTIVES FOR FY 2024-2025

1. Recruit to fill vacant Commander and Police Officer positions. (Strategic Goal I.2)
2. Present a formalized Police Volunteer Program to City Council and expand Police Reserve Program. (Strategic Goal I.2)
3. Develop POST certified in-house training courses taught by Departmental instructors. Benefits include employee development, cost savings and reduced reliance on outside agencies for perishable skills training. (Strategic Goal I.2)
4. Present the option to City Council of entering into an MOU and assigning an Officer to the Taskforce for Regional Auto Theft Prevention (TRAP) or other Multi-Agency Task Force once the Department reaches target-staffing levels for the purpose of accessing and pooling additional law enforcement resources and focusing on proactive enforcement. (Strategic Goal I.1 & I.4)
5. Expand Police Department Community Engagement efforts. (Strategic Goal I.1 & I.3)

OBJECTIVES FOR FY 2024-2025

6. Expand collaboration with regional partners. (Strategic Goal I.2, I.5 & I.6)
7. Complete updates to security for the police facility, to include cameras, perimeter security gate, and access control using Urban Area Security Initiative (UASI) grant funds. (Strategic Goal I.2)

Proposed Enhancements to Services:

8. 4 Handheld Ticket Writers: \$30,000 – Ongoing (Strategic Goal I.1, I.2, I.3, & I.6)
Purchase and integrate electronic ticket writers for Patrol Operations to assist the Department in remaining compliant with the Racial and Identity Profiling Act and facilitate the administration and data collection of parking and traffic enforcement activities (RIPA, AB 953).
9. Police Corporal Program: \$40,000 – Ongoing (Strategic Goal I.2)
Implement a Police Corporal rank into the current organizational structure to enhance accountability, oversight, operational efficiency, improve communication between the different ranks, provide additional leadership opportunities within the Department to enhance the development of officers, and contribute to succession planning.
10. E-Subpoena Program and Software: \$7,320 One-Time/\$4,000 Ongoing. (Strategic Goal I.2, I.3, & I.6)
Purchase and implement E-Subpoena Program and software to increase administrative efficiency, decrease duplication of data entry and human error, technologically integrate with the Los Angeles County Court System for the purpose of automating and streamlining the issuing and tracking of subpoenas for officers and members of the community.
11. Background Investigations: \$15,000 One-Time (Strategic Goal I.2)
Continue recruitment efforts by funding background investigations, polygraphs, psychological evaluations and uniform purchases for potential new employees.
12. POST Training: \$20,000 One-Time (Strategic Goal I.2)
Increase POST training for new officers and detectives to meet State mandated and POST requirements.
13. Ammunition Cost Increase: \$10,000 One-Time (Strategic Goal I.2)
Supplement the Department's budget to maintain the current level of ammunition purchases to mitigate the impact of rising ammunitions costs for the purpose of ensuring officers are proficient in firearm usage.
14. Tuition Reimbursement: \$32,000 One-Time (Strategic Goal I.2)

OBJECTIVES FOR FY 2024-2025

Offsets the cost of tuition for employees seeking professional development to improve their respective professional skills and contribute to overall organizational success.

PERFORMANCE MEASURES

POLICE ADMINISTRATION DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Part 1 Crimes Reported to DOJ	441	617	600	740	700
B. # of Employee Trainings/Hours	3,696	3,938	4,000	6,918	5,000
C. # of Reports Processed	2,657	2,920	2,949	2,947	2,900
D. # of Walk Up Service Window Patrons	3,930	3,407	4,090	4,976	5,000
E. % of Timeliness of Answering 911 Calls (less or equal 10 seconds)*	92.345	93.411	93.250	92	100
F. # of Police Applicants	45	64	64	97	50

DETECTIVES DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Cases Assigned	1938	1909	1935	1,825	1,900
B.# of Cases Closed	1770	1405	1207	1,329	1,350
C. # of Cases Filed with District Attorney	469	454	450	321	400
D. # of Community Outreach Events (incl. school presentations beginning 2023)	24	33	74	96	90

PATROL DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. Average Response Time (Priority 1)	4:27	4:28	4.26	6.52	4/7/10
B. # of Customer Satisfaction Surveys	0	10	144	144	144
C. Average Rating from Customer Satisfaction Surveys	0	4.5	4.5	4.8	5
D. # and % Change In Traffic Collisions	229	257	233	260	234
E. # of Sustained and Unsustained Internal and External Community Complaints	1/9	0/2	1/2	0/6	0/3

RESERVES/EXPLORER DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Events Participated In	14	14	14	22	22
B. # of Reserve officer Volunteer Hours	3,737	3,729	3,700	1456	2500
C. # of Explorers	10	8	8	15	16

COMMUNITY SERVICES DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Parking Citations Written	6,321	7,349	6,835	8,223	8500
B. # of Abandoned Vehicles Removed	29	9	21	22	20
C. # of Parking Calls for Service	729	840	792	765	750
D. # of Parking Appeals	475	271	448	248	250

EMERGENCY SERVICES DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of EOC Training/Practical Exercises	9	7	2	7	7
B. # of EOC Activations	5	0	1	1	0
C. # of Successful FEMA Reimbursements	**	**	1	0	0

** Not Previously Tracked

FUNDING SUMMARY FOR FY 2024-2025

SOURCES:

POLICE	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
General Revenue	8,515,742	8,458,926	9,836,142	9,542,184	9,182,614
Vehicle Tow Franchise Fee	31,861	28,997	29,000	20,500	25,000
Vehicle Repossession Fees	950	660	800	1,000	1,000
General Court Fines	4,869	4,073	3,800	5,000	5,000
Parking Citations	47,121	416,004	450,000	425,000	399,000
P.O.S.T. Reimbursement	4,444	17,397	15,000	11,500	20,000
Corrections Training	2,112	6,864	5,000	7,500	7,500
Duplicating Fees	15,850	19,050	17,000	21,000	20,000
Special Police Services	149,683	95,012	165,000	150,000	450,000
Fingerprint Services	33,020	30,368	33,000	35,500	35,000
Booking & Processing Fee Reimb.	10,870	3,910	-	-	-
Vehicle Inspection Fees	4,940	2,330	8,570	4,500	5,000
Court Commitment Program	22,051	41,197	100,000	40,000	20,000
Impounded Vehicles	31,775	31,889	25,000	29,500	30,385
Vehicle Admin. Processing Fee	7,630	9,205	7,500	9,000	9,000
Alarm Fees	28,479	27,047	25,000	31,500	35,000
Trnsfr From COPS SLESF Fund 2	125,000	125,004	150,000	150,000	150,000
TOTAL FUNDING SOURCES	9,465,397	9,317,932	10,870,812	10,483,684	10,394,499

USES:

POLICE	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
01-222 Police Administration	1,127,825	1,384,071	1,596,093	1,821,036	1,586,156
01-224 Detectives	1,163,289	1,247,076	1,220,718	1,212,229	1,056,032
01-225 Patrol	6,817,236	6,394,565	7,656,286	7,053,808	7,339,449
01-226 Reserves/Explorers	50,458	62,281	104,834	73,528	112,968
01-230 Community Service	306,590	226,198	291,754	317,833	294,644
01-250 Emergency Services	-	3,742	1,128	5,250	5,250
TOTAL FUNDING USES	9,465,397	9,317,932	10,870,812	10,483,684	10,394,499

PERSONNEL:

POLICE	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
Chief of Police	1.00	1.00	1.00	1.00	1.00
Police Lieutenant	2.00	2.00	2.00	2.00	0.00
Police Commander ¹	0.00	0.00	0.00	0.00	2.00
Police Sergeant	5.00	5.00	5.00	5.00	5.00
Police Corporal ²	0.00	0.00	0.00	0.00	5.00
Police Officer	23.00	27.00	27.00	27.00	22.00
Administrative Assistant	1.00	0.00	0.00	0.00	0.00
Police Executive Assistant	0.00	1.00	1.00	1.00	1.00
Senior Desk Officer	0.00	0.00	1.00	1.00	1.00
Police Desk Officer	8.00	8.00	7.00	7.00	7.00
Management Analyst	0.00	0.00	1.00	1.00	1.00
Police Records Administrator	1.00	1.00	1.00	1.00	1.00
Police Records Specialist	1.46	2.00	2.00	2.00	2.00
Property Control Officer	1.00	1.00	1.00	1.00	1.00
Community Service Officer (FTE)	3.00	3.00	3.00	3.00	3.00
Crossing Guard (FTE)	1.00	1.00	1.00	1.00	1.00
Junior Cadet (FTE)	1.50	1.96	1.96	1.96	1.96
TOTAL POLICE PERSONNEL	48.96	53.96	54.96	54.96	54.96

¹ Police Lieutenant Title Change to Police Commander as approved in SFPMU Bargaining Unit MOU

² Police Corporal positions (5) recommended as Budget Enhancements in Fiscal Year 2024-2025

ADMINISTRATIVE**DIVISION No. 222****DIVISION OVERVIEW**

Police Department Administrative and Support Services is comprised of the Office of the Chief of Police, the Administrative Division Commander, Records Bureau, Cadet Program, Property and Evidence, Emergency Services, and the Management Analyst.

ADMINISTRATIVE DIVISION COMMANDER

The Administrative Division Commander manages the Division's various units and oversees budget preparation and administration, procurement management, soliciting/managing grants, Emergency Services, and is the Jail Administrator and oversees the Custodian of Records for the Department. Manages police facility maintenance and vehicle fleet, information technology functions, and ensures legislative and regulatory compliance for training and backgrounds. Serves as acting Chief of Police in their absence.

RECORDS BUREAU

The Records Bureau processes and maintains Department records, serves the public, provides applicant fingerprinting, vehicle inspections, and administratively processes concealed weapon licensing. The Bureau also compiles Department statistics and manages the Court Commitment Program, criminal and sex registrant compliance, mandated State and Federal reporting, and procurement of supplies and equipment.

JAIL BUREAU

The San Fernando Police Jail facility is a Type 1 facility and consists of 17 beds. Individuals in custody may stay at the facility for up to 96 hours, excluding holidays as set forth under Title 15 of California Code of Regulations. The Department also allows post-conviction custodies on a fee basis for nonviolent offenders when specified criteria is met.

PROPERTY CONTROL/EVIDENCE BUREAU

The bureau consists of a Property Control Officer who is responsible for evidence management, property storage and disposition, and subpoena control.

MANAGEMENT ANALYST

The Management Analyst is primarily responsible for crime and other data analysis, budget preparation and administration, creating and presenting staff reports, procurement management, grants management, training scheduling and compliance.

ADMINISTRATION/EMERGENCY SERVICES**NO. 250**

The Emergency Services Division is responsible for developing emergency plans for natural and man-made disasters. The Emergency Services Division includes Disaster Communications volunteers.

Dept: Police
Div: Police Support Services

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-222-0000-4101 SALARIES-PERMANENT EMPLOYEES	537,166	625,746	700,402	853,452	481,418	56%	728,758
001-222-0000-4103 WAGES-TEMPORARY & PART-TIME	68,601	139,617	105,594	161,516	47,096	29%	105,601
001-222-0000-4105 OVERTIME	13,177	46,052	65,560	35,000	31,521	90%	35,000
001-222-0000-4109 OVERTIME-CONTRACT DUTY	1,781	1,801	1,285	-	432	0%	-
001-222-0000-4120 O.A.S.D.I.	20,374	33,853	42,097	41,298	25,408	62%	58,876
001-222-0000-4126 HEALTH INSURANCE	74,503	84,999	110,206	87,550	61,839	71%	149,864
001-222-0000-4128 DENTAL INSURANCE	6,215	6,678	6,718	6,901	4,473	65%	4,684
001-222-0000-4129 RETIREE HEALTH SAVINGS	-	1,287	2,750	2,163	2,100	97%	1,800
001-222-0000-4130 WORKER'S COMPENSATION INS.	79,320	89,894	92,760	86,987	62,830	72%	54,948
001-222-0000-4134 LONG TERM DISABILITY INSURANCE	2,552	1,881	3,399	2,060	1,935	94%	2,879
001-222-0000-4136 OPTICAL INSURANCE	1,135	1,368	1,634	1,545	857	55%	1,562
001-222-0000-4138 LIFE INSURANCE	408	514	604	1,020	339	33%	1,080
001-222-0000-4140 WELLNESS BENEFIT	-	-	-	150	-	0%	750
001-222-0000-4141 TECHNOLOGY ALLOWANCE	-	-	-	-	-	0%	1,200
001-222-3689-41XX COVID-19 GLOBAL OUTBREAK	376	-	-	-	-	0%	-
Personnel Costs	805,608	1,033,690	1,133,009	1,279,642	720,247	56%	1,147,002
001-222-0000-4220 TELEPHONE	74,087	66,276	76,299	61,790	35,300	57%	61,790
001-222-0000-4260 CONTRACTUAL SERVICES	14,040	8,643	9,947	11,300	2,796	25%	10,000
001-222-0000-4270 PROFESSIONAL SERVICES	10,047	22,634	24,868	43,447	5,797	13%	12,290
001-222-0000-4300 DEPARTMENT SUPPLIES	102,281	90,311	82,962	100,593	59,178	59%	100,600
001-222-0000-4320 DEPARTMENT EQUIPMENT MAINT	9,886	4,440	4,810	19,800	1,038	5%	19,800
001-222-0000-4325 UNIFORM ALLOWANCE	-	2,428	1,515	-	-	0%	-
001-222-0000-4330 BLDG MAINT & REPAIRS	-	67	-	-	-	0%	-
001-222-0000-4360 PERSONNEL TRAINING	3,227	5,156	8,022	7,769	5,427	70%	7,769
001-222-0000-4370 MEETINGS, CONFERENCES & TRAVEL	2,997	3,726	6,653	9,200	1,300	14%	10,000
001-222-0000-4380 SUBSCRIPTIONS, DUES & MILEAGE	1,820	2,200	1,710	2,095	1,739	83%	2,000
001-222-0000-4390 MILEAGE REIMBURSEMENT	-	1,276	3,610	100	-	0%	-
001-222-3689-4300 COVID-19 GLOBAL OUTBREAK	-	1,205	-	-	-	0%	-
Operations & Maintenance Costs	218,384	208,361	220,396	256,094	112,574	44%	224,249
001-222-0000-4706 LIABILITY CHARGE	-	56,832	78,996	103,937	51,969	50%	62,530
001-222-0320-4741 EQUIP MAINT CHARGE	18,551	14,004	22,944	5,000	2,502	50%	22,256
001-222-0000-4741 EQUIPMENT REPLACEMENT CHRG	-	-	9,996	41,987	20,994	50%	6,667
001-222-0000-4743 FACILITY MAINTENANCE CHARGE	85,282	71,184	130,752	134,376	67,188	50%	123,452
Internal Service Charges	103,833	142,020	242,688	285,300	142,653	50%	214,905
Division Total	1,127,825	1,384,071	1,596,093	1,821,036	975,474	54%	1,586,156

Dept: Police
 Div: Emergency Services

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-250-0000-4300 DEPARTMENT SUPPLIES	-	3,742	1,128			0%	5,250
001-250-0000-4320 DEPARTMENT EQUIPMENT MAINT	-	-	-	5,250		0%	-
001-250-0000-4360 PERSONNEL TRAINING	-	-	-	-	377	0%	-
Operations & Maintenance Costs	-	3,742	1,128	5,250	377	7%	5,250
Division Total	-	3,742	1,128	5,250	377	7%	5,250

OPERATIONS

DIVISION OVERVIEW

The Operations Division is comprised of the Operations Division Commander, Patrol, Detective, Communications, Special Enforcement Team (SET), Community Service (Parking Enforcement), Volunteer Bureau [Reserves, Explorers, Chaplain, Emergency Services, Volunteers in Police Service (ViPS)].

OPERATIONS DIVISION COMMANDER

The Operations Commander oversees the deployment of personnel and resources in the Operations Division and serves as acting Chief of Police in their absence.

DETECTIVE BUREAU

NO. 224

The primary responsibility of the Detective Bureau is to follow-up on reported crimes, arrest criminal offenders, obtain arrest and search warrants, file criminal complaints, and serve as the liaison with the Office of the Los Angeles District Attorney. The day-to-day supervision of the Detective Bureau is the responsibility of the Detective Sergeant. The Sergeant manages criminal investigations, warrant services, narcotic and gang enforcement, sex registration and parole compliance, and serves as the liaison to the presiding judge and other management-level employees at the Los Angeles Superior Courts. The Bureau assists the public through advocacy programs and referrals to counseling centers, as well as with releases for impounded and recovered vehicles. The Detective Sergeant is also responsible for overseeing community engagement programs including the Community Engagement Detective Assignment, Neighborhood Watch, Business Watch and special projects as assigned by the Operations Commander.

PATROL BUREAU

NO. 225

The Patrol Bureau's function is to maintain public safety and order by deploying uniformed officers to patrol specific areas, enforce applicable laws, receive and respond to emergency and non-emergency calls for service, and proactively prevent crime.

COMMUNICATIONS BUREAU

Police Desk Officers operate the 24-hour Communications Center, process emergency and non-emergency calls for service, and deploy Departmental resources as necessary. Process and monitor inmates after initial arrest through their court appearance or release from custody, when applicable.

POLICE AUXILIARY BUREAU**NO. 226**

The police auxiliary bureau is comprised of community members that offer their time and services to support the police Department's mission. The Volunteer Bureau is made up of the Police Reserve Program, Explorer Program, ViPS, Chaplain Program, and Emergency Services.

Reserves

The Police Reserves are sworn volunteers who augment every segment of the Department by providing thousands of hours of coverage during peak periods of activity, emergency response for critical events, and special events throughout the year.

Explorers

The Police Explorers are dedicated community youth between the ages of 14-21 who are interested in learning more about the law enforcement profession. The program provides mentorship, development, and volunteer opportunities for participating youth.

ViPS

ViPS is the Department's civilian volunteer program made up of community members who donate their time and expertise in support of the Department. This support includes community engagement, administrative support, patrol and observation, traffic control and parking enforcement, and crime prevention and education.

Chaplain

The police chaplain program plays a vital role in supporting the well-being of law enforcement personnel, enhancing community relations, and promoting ethical conduct and professionalism within the police Department. The program serves several important purposes that include spiritual support, emotional and mental health support for police personnel and the community, crisis intervention, conflict resolution, and community relations.

Emergency Services/Disaster Communications

The Disaster Communications program is a group of dedicated individuals who specialize in providing alternate means of radio communication with municipalities, counties, and state entities during emergencies and natural disasters.



COMMUNITY SERVICE/PARKING ENFORCEMENT BUREAU

NO. 230

Community Service Officers perform parking control activities, assist at the scene of traffic collisions, enforce parking regulations, and support various Department functions.

Dept: Police
Div: Police Detectives

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-224-0000-4101 SALARIES-PERMANENT EMPLOYEES	621,883	688,806	651,272	637,910	302,762	47%	583,165
001-224-0000-4105 OVERTIME	25,813	60,321	57,558	30,000	57,770	193%	30,000
001-224-0000-4109 OVERTIME-CONTRACT DUTY	33,236	19,196	43,354	-	4,700	0%	-
001-224-0000-4120 O.A.S.D.I.	16,061	19,275	13,981	19,853	5,296	27%	8,456
001-224-0000-4126 HEALTH INSURANCE	114,508	114,192	90,168	117,618	47,620	40%	80,905
001-224-0000-4128 DENTAL INSURANCE	7,157	10,270	5,162	10,578	3,683	35%	2,529
001-224-0000-4129 RETIREE HEALTH SAVINGS	936	3,973	3,736	4,635	1,851	40%	3,900
001-224-0000-4130 WORKER'S COMPENSATION INS.	114,187	126,010	137,189	129,790	72,726	56%	99,138
001-224-0000-4134 LONG TERM DISABILITY INSURANCE	3,728	4,310	3,769	4,440	2,545	57%	3,840
001-224-0000-4136 OPTICAL INSURANCE	1,559	1,971	1,425	2,030	761	37%	843
001-224-0000-4138 LIFE INSURANCE	476	540	341	600	239	40%	315
001-224-3689-41XX COVID-19 GLOBAL OUTBREAK	10,519	-	-	-	-	0%	-
Personnel Costs	950,062	1,048,863	1,007,953	957,454	499,952	52%	813,091
001-224-0000-4260 CONTRACTUAL SERVICES	150	-	-	-	-	0%	-
001-224-0000-4270 PROFESSIONAL SERVICES	5,659	4,542	8,706	10,000	3,000	30%	10,000
001-224-0000-4300 DEPARTMENT SUPPLIES	2,224	2,405	20	-	-	0%	-
001-224-0000-4325 UNIFORM ALLOWANCE-FULL TIME EMP.	-	-	383	-	-	0%	-
001-224-0000-4360 PERSONNEL TRAINING	3,163	5,818	6,672	16,501	4,302	26%	7,200
001-224-0000-4370 MEETINGS, MEMBERSHIPS & TRAVEL	1,239	-	413	3,555	-	0%	2,856
001-224-0000-4380 SUBSCRIPTIONS, MEMBERSHIPS & DUES	-	-	-	60	-	0%	60
Operations & Maintenance Costs	12,436	12,765	16,193	30,116	7,302	24%	20,116
001-224-0000-4706 LIABILITY CHARGE	-	56,100	62,544	77,779	38,889	50%	44,327
001-224-0320-4741 EQUIP MAINT CHARGE	92,755	46,692	61,176	10,000	4,998	50%	89,024
001-224-0000-4741 EQUIP REPLACEMENT CHARGE	15,000	5,004	9,996	75,577	37,788	50%	27,500
001-224-0000-4743 FACILITY MAINTENANCE CHARGE	93,035	77,652	62,856	61,303	30,651	50%	61,974
Internal Service Charges	200,790	185,448	196,572	224,659	112,327	50%	222,825
Division Total	1,163,289	1,247,076	1,220,718	1,212,229	619,581	51%	1,056,032

Dept: Police
Div: Police Patrol

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-225-0000-4101	SALARIES-PERMANENT EMPLOYEES	3,146,898	3,240,571	3,634,642	4,008,220	2,072,377	52%	4,332,160
001-225-0000-4103	WAGES-TEMPORARY & PART-TIME	-	-	-	-	189	0%	-
001-225-0000-4105	OVERTIME	414,336	731,076	1,205,228	145,000	631,058	0%	145,000
001-225-0000-4107	OVERTIME-COURT	27,662	24,687	14,599	30,000	5,176	17%	30,000
001-225-0000-4109	OVERTIME-CONTRACT DUTY	121,896	91,215	73,244	175,000	15,503	9%	175,000
001-225-0000-4120	O.A.S.D.I.	90,426	104,137	133,548	107,120	70,840	66%	100,808
001-225-0000-4126	HEALTH INSURANCE	504,267	498,356	520,047	503,670	256,078	51%	688,290
001-225-0000-4128	DENTAL INSURANCE	42,604	41,738	45,048	44,092	19,025	43%	21,510
001-225-0000-4129	RETIREE HEALTH SAVINGS	19,524	21,348	26,546	33,300	14,013	42%	74,100
001-225-0000-4130	WORKER'S COMPENSATION INS.	632,480	684,970	805,609	705,518	398,773	57%	669,063
001-225-0000-4134	LONG TERM DISABILITY INSURANCE	18,046	18,282	22,089	18,540	11,494	62%	27,840
001-225-0000-4136	OPTICAL INSURANCE	7,933	7,721	7,789	8,258	3,801	46%	7,170
001-225-0000-4138	LIFE INSURANCE	2,585	2,631	3,056	3,430	1,455	42%	3,105
001-225-3689-4101	SALARIES-PERMANENT EMPLOYEES	-	1,028	-	-	-	0%	-
001-225-3689-4120	COVID-19 GLOBAL OUTBREAK	-	79	-	-	-	0%	-
001-225-3689-4130	COVID-19 GLOBAL OUTBREAK	-	16	-	-	-	0%	-
Personnel Costs		5,028,658	5,467,854	6,491,446	5,782,148	3,499,781	61%	6,274,046
001-225-0000-4270	PROFESSIONAL SERVICES	4,293	4,521	4,818	6,000	1,252	21%	4,500
001-225-0000-4300	DEPARTMENT SUPPLIES	677	16,344	35,261	25,103	19,590	78%	-
001-225-0000-4320	DEPARTMENT EQUIPMENT MAINT.	-	200	-	-	-	0%	-
001-225-0000-4325	UNIFORM ALLOW FULL TIME EMP	3,263	4,055	5,993	20,000	2,672	13%	13,000
001-225-0000-4350	CARE OF PERSONS	19,485	22,625	22,846	36,500	4,184	11%	36,500
001-225-0000-4360	PERSONNEL TRAINING	14,042	9,119	46,394	34,105	19,499	57%	12,290
001-225-0000-4370	MEETINGS, MEMBERSHIPS & TRAVEL	1,821	500	247	4,185	-	0%	2,000
001-225-0000-4380	SUBSCRIPTIONS DUES & MMBRSHIPS	155	-	125	500	-	0%	-
001-225-3688-4360	CORRECTIONS TRAINING (STC)	7,201	11,606	7,366	6,600	-	0%	6,600
001-225-0000-4365	TUITION REIMBURSEMENT	-	-	2,025	-	2,025	0%	-
001-225-3689-4300	COVID-19 GLOBAL OUTBREAK	-	100	-	-	-	0%	-
Operations & Maintenance Costs		50,937	69,071	125,075	132,993	49,223	37%	74,890
001-225-0000-4706	LIABILITY CHARGE	-	328,548	371,736	471,336	235,668	50%	342,039
001-225-0320-4741	EQUIP MAINT CHARGE	139,133	84,048	122,364	167,948	83,976	50%	126,117
001-225-0000-4741	EQUIP REPLACEMENT CHARGE	58,250	18,000	80,496	58,000	28,998	50%	63,750
001-225-0000-4743	FACILITY MAINTENANCE CHARGE	511,692	427,044	465,168	441,383	220,692	50%	458,607
Internal Service Charges		709,075	857,640	1,039,764	1,138,667	569,334	50%	990,513
001-225-0000-4500	CAPITAL EQUIPMENT	1,028,566	-	-	-	-	0%	-
Capital Costs		1,028,566	-	-	-	-	0%	-
Division Total		6,817,236	6,394,565	7,656,286	7,053,808	4,118,337	58%	7,339,449

Dept: Police
Div: Police Reserves/Explorers

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-226-0000-4103 PART-TIME EMPLOYEES	33,833	36,536	62,713	35,123	14,478	41%	64,313
001-226-0000-4109 RESERVE OVERTIME CONTRACT DUTY	-	-	-	-	18,214	0%	-
001-226-0000-4120 O.A.S.D.I.	1,926	1,838	4,629	1,854	2,264	122%	4,920
001-226-0000-4130 WORKERS COMPENSATION INS	3,619	2,517	10,515	2,575	5,721	222%	6,432
Personnel Costs	39,379	40,891	77,858	39,552	40,677	103%	75,665
001-226-0000-4300 DEPARTMENT SUPPLIES	234	1,389	-	-	-	0%	-
001-226-0000-4360 PERSONNEL TRAINING-RESERVES	-	3,884	399	500	1,324	265%	2,000
001-226-0000-4380 SUBSCRIPTIONS DUES & MMBRSHIPS	-	-	200	4,000		0%	-
001-226-0000-4370 MEETINGS, CONFERENCES & TRAVEL	-	-	765	11,015		0%	2,000
001-226-0230-4380 CONFERENCES, EXPLORER/ADVISOR MEMBERSHIP	-	2,695	8,910			0%	-
001-226-0230-4430 EXPLORER POST PROGRAM	1,568	5,971	5,878	6,850	3,262	48%	9,350
Operations & Maintenance Costs	1,803	13,938	16,152	22,365	4,587	21%	13,350
001-226-0000-4706 LIABILITY CHARGE	-	2,784	3,180	3,213	1,607	50%	4,140
001-226-0320-4741 EQUIP MAINT CHARGE	9,276	4,668	7,644	-	-	0%	7,418
001-226-0000-4741 EQUIP REPLACEMENT CHARGE	-	-	-	8,398	4,200	50%	-
001-226-0000-4743 FACILITY MAINTENANCE CHARGE	-	-	-	-	-	0%	12,395
Internal Service Charges	9,276	7,452	10,824	11,611	5,807	50%	23,953
Division Total	50,458	62,281	104,834	73,528	51,070	69%	112,968

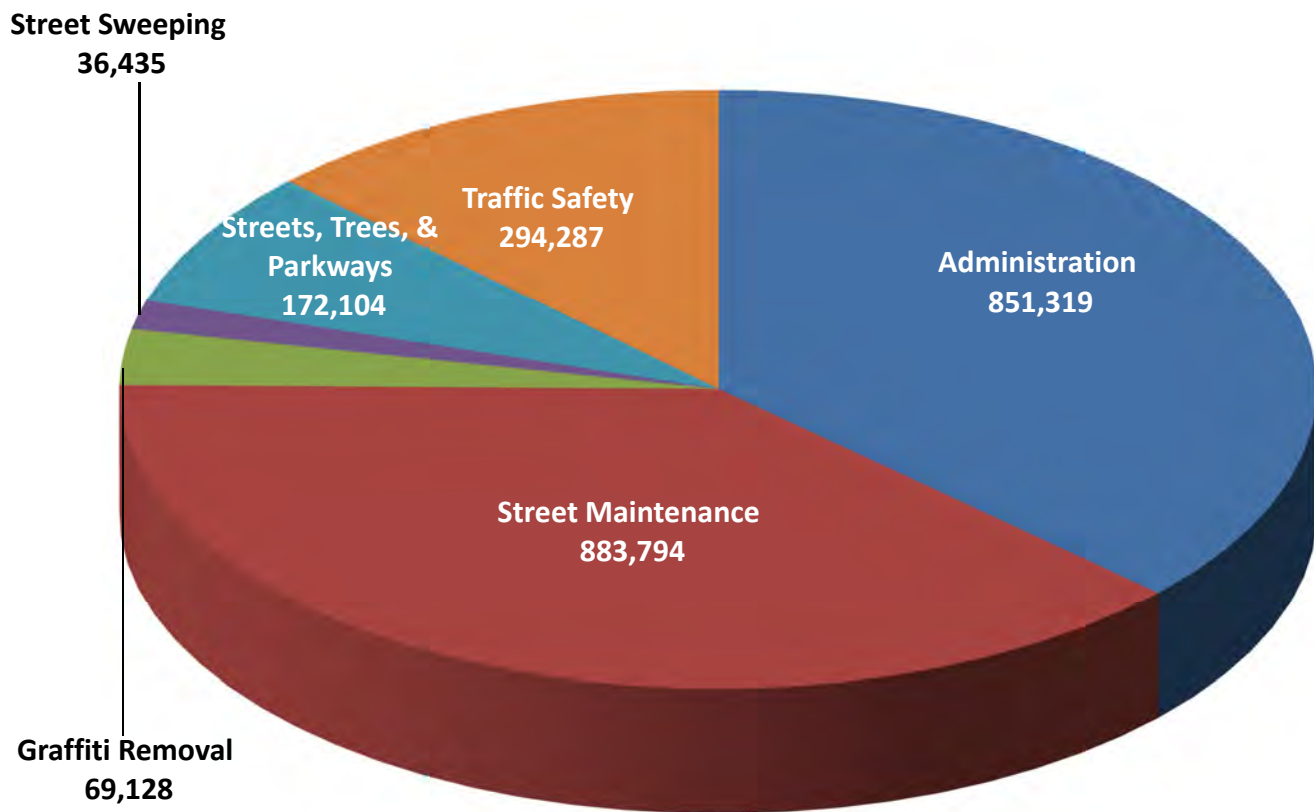
Dept: Police
Div: Community Services Program

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-230-0000-4101 SALARIES-PERMANENT EMPLOYEES	124,773	124,213	126,717	133,315	46,025	35%	134,075
001-230-0000-4103 WAGES-TEMPORARY & PART-TIME	47,733	252	52,745	59,248	23,809	40%	50,071
001-230-0000-4120 O.A.S.D.I.	12,945	9,392	13,729	14,695	5,342	36%	14,088
001-230-0000-4126 HEALTH INSURANCE	40,396	31,364	28,829	32,305	13,387	41%	32,926
001-230-0000-4128 DENTAL INSURANCE	2,612	1,938	1,882	1,995	921	46%	1,029
001-230-0000-4130 WORKER'S COMPENSATION INS.	12,487	8,987	10,522	13,965	4,992	36%	11,049
001-230-0000-4136 OPTICAL INSURANCE	514	364	377	375	182	49%	343
001-230-0000-4138 LIFE INSURANCE	270	180	218	278	70	25%	270
Personnel Costs	241,729	176,691	235,019	256,176	94,729	37%	243,851
						0%	
001-230-0000-4325 UNIFORM ALLOWANCE	412	775	1,343	4,065		0%	315
Operations & Maintenance Costs	412	775	1,343	4,065	-	0%	315
						0%	
001-230-0000-4706 LIABILITY CHARGE	-	10,428	18,305	20,810	10,405	50%	13,294
001-230-0320-4741 EQUIP MAINT CHARGE	9,276	-	-	-	-	0%	-
001-230-0000-4741 EQUIP REPLACEMENT CHARGE	9,276	-	-	-	-	0%	-
001-230-0000-4743 FACILITY MAINTENANCE CHARGE	45,897	38,304	37,088	36,782	18,391	50%	37,184
Internal Service Charges	64,449	48,732	55,393	57,592	28,796	50%	50,478
						0%	
Division Total	306,590	226,198	291,755	317,833	123,525	39%	294,644



PAGE INTENTIONALLY
LEFT BLANK

PUBLIC WORKS DEPARTMENT



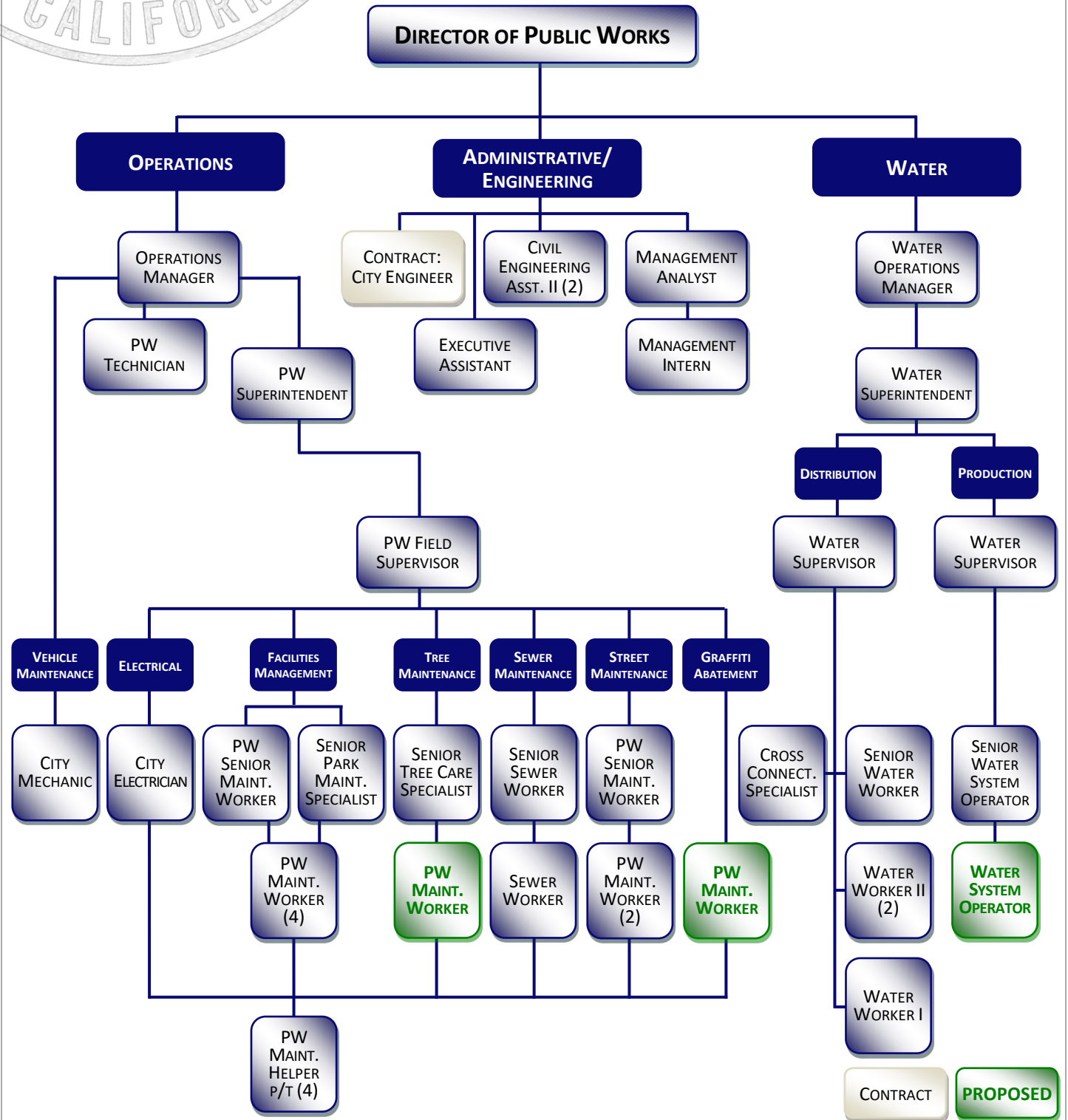


THE CITY OF SAN FERNANDO

ORGANIZATIONAL CHART

PUBLIC WORKS DEPARTMENT

FISCAL YEAR 2024-2025



MISSION STATEMENT

The Public Works Department mission is to provide efficient and sustainable infrastructure and services that enhance the quality of life for our community. We are committed to ensuring the safe and reliable operation of public facilities, promoting environmental stewardship, and delivering exceptional customer services. Through collaboration and innovation, we strive to build resilient and inclusive neighborhoods that meet the evolving need of our diverse population.

DEPARTMENT OVERVIEW

The Public Works Department encompasses three areas of responsibility: Engineering, Operations, and Water. The Department oversees the maintenance and construction of essential infrastructure within the City. This includes the maintenance and repair of streets, sidewalks, City facilities, parks and green spaces, the parkway and parkway trees, the water, storm water and sewer infrastructure, street lights, traffic signals and signs, parking meters, public parking lots, bikeways and bridges. Additionally, the Department oversees the City's fleet and heavy equipment, graffiti removal, refuse services and recycling program, street sweeping services, tree removal services, shuttle and dial-a-ride services, and is responsible for development review and the of issuing certain permits for use within the public right of way.

ACCOMPLISHMENTS FOR FY 2023-2024

1. On April 3, 2024, the City received a notice of completion from contractor for the construction and installation of a new HVAC system for the Police Station, which replaced the facility's 36-year old system. The work included the upgrade of controls throughout the building. This completed project will reduce operational and maintenance costs. (Strategic Goal IV.4)
2. On February 5, 2024, the Phase Two Street Slurry Project was completed adding 12 miles of street resurfacing for a 5 year total of 32 miles of streets (64 percent of City Streets). In addition to street resurfacing with slurry seal, the project included the removal and replacement of certain sections of curb and gutter, sidewalk, and drive approaches, as well as restriping of streets. (Strategic Goal VI.2.a, Strategic Goal VI.1)
3. Completed the design phase and awarded the construction contract, on February 20, 2024, for the traffic signal improvement project. The Project consists of upgrading signals at intersections along Truman Street and San Fernando Road. Construction is expected to begin July 2024. (Strategic Goal V)
4. On February 15, 2024, construction of the San Fernando Regional Park Infiltration Projection was completed. The infiltration system will divert approximately 130 million gallons of storm water runoff to recharge groundwater reserves. In addition to the water quality improvements, the

ACCOMPLISHMENTS FOR FY 2023-2024

- project saw the installation of new turf, irrigation, and lighting at the baseball field. (Strategic Goal IV.3.a)
5. Completed the construction and installation of a new nitrate removal treatment system for Well No. 3, which can treat up to 50 percent of the City's potable water demand. Nitrate System was in full operation on March 8th 2024. (Strategic Goal IV.3)
 6. Completed the Urban Forestry Management Plan, which will provide a blueprint for how the City will increase and maintain its tree canopy into the future. Three community workshops, to educate residents and obtain feedback, and several community events were held in spring 2023; 104 community member surveys were completed during this time. Additionally, the Plan was presented to the Planning Commission on April 8, 2024 and was approved by the City Council on May 6, 2024. (Strategic Goal IV.2.b)
 7. On August 21, 2023, the Glenoaks Boulevard Bridge Improvements Project was completed. New 6 foot high fencing was installed on both sides of the bridge that spans the Pacoima Wash and unsafe gaps allowing access to the Pacoima Wash from the street were closed. (Strategic Goal VI.1)
 8. Public Works staff responded to approximately 2,300 requests for pothole and sidewalk repairs, graffiti removal, illegal dumping, traffic signals, street signs, streetlight, street tree, water line repairs, and sewer maintenance throughout the year. (Strategic Goal VI, Strategic Goal IV.2)
 9. Completed the design phase and awarded the construction contract, on February 20, 2024, for the traffic signal improvement project. The Project consists of upgrading signals at intersections along Truman Street and San Fernando Road. Construction is expected to begin July 2024. (Strategic Goal V)
 10. Public Works staff responded to approximately 2,300 requests for pothole and sidewalk repairs, graffiti removal, illegal dumping, traffic signals, street signs, streetlight, street tree, water line repairs, and sewer maintenance throughout the year. (Strategic Goal VI, Strategic Goal IV.2)
 11. Calles Verdes Project – installed 294 new trees through partnership with TreePeople and community volunteers, as well as through Public Works staff. (Strategic Goal IV.2)

OBJECTIVES FOR FY 2024-2025**Engineering and Administration:**

1. Complete phase two of bus shelter upgrades throughout the City, which will add shade and comfort at up to ten bus stops around the City. (Strategic Goal V.5).
2. Complete Phase III of the Annual Street Resurfacing Program. Complete the design and procurement for Phase IV of the Annual Street Resurfacing Program. (Strategic Goal VI.2.a)

OBJECTIVES FOR FY 2024-2025

3. Complete and implement the residential parking permit implementation program.
4. Develop and implement a sidewalk replacement program.

Operations:

1. Complete the replacement of HVAC system(s) at Los Palmas Park's recreation building. (Strategic Goal IV.4)
2. Complete painting of City Hall (Exterior).
3. Initiate the citywide Facility Condition Assessment report and preventive maintenance software.

Water:

1. Complete the construction of the Upper Reservoir Replacement Project set to be completed by late June 2024. (Strategic Goal IV.3)
2. Begin the design of the Well 2a Nitrate Treatment Removal System, which when constructed can treat up to 100 percent of the City's potable water demand. (Strategic Goal IV.3)
3. Conduct needs assessment, water master plan of system upgrades, and cost of service analysis and rate study in order to determine appropriate system user fee charges.

Proposed Enhancement to Services:

1. City-Wide CCTV Project (\$150,000): Includes cleaning of sewer lines, video of sewer lines, and report detailing the health of sewer infrastructure. CCTV is required prior to conducting Sanitary Sewer Master Plan (SSMP). One quarter of the City will be CCTV annually after FY 24-25 city-wide CCTV project has been completed. (Strategic Goal VI.1)
2. Prepare a new SSMP (\$250,000): Required by State to be done every five years. City's most recent SSMP is from 2015. The SSMP is the essential document needed when preparing for the upcoming User Utility Rate Study and process. (Strategic Goal VI.1)
3. Sewer Line Replacement Project (\$1,095,000): If the results from the City-Wide CCTV Project show sewer lines that have a high potential a failing and need immediate attention, the project will replace as many linear feet of sewer line that the budget allows. (Strategic Goal VI.1)
4. Upgrade 2-PT Maintenance Workers to 1-FT (Graffiti): Establish one individual specifically tasked with the removal of graffiti. (Strategic Goals III and VI).

OBJECTIVES FOR FY 2024-2025

5. Backhoe/Front End Loader (\$210,000): Vehicle is utilized for picking up large items illegally dumped, fallen trees etc. City has utilized current vehicle for 20 plus years. The vehicle has inoperable for over six months due to limited to no availability of needed parts. (Strategic Goal III)
6. Sign Replacement Program (\$50,000 Annually): Program to replace faded and broken signs (Street, Parking, Sweeping, Stop, Wayfinding Speed Limits, etc.) city-wide annually. There are approximately 2, 000 signs within the City. (Strategic Goal V.3)

PERFORMANCE MEASURES

PUBLIC WORKS DEPARTMENT	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. # of Miles of Paving	2.0	0.4	30.0	3.0	3.0
B. # of Trees Planted	75	210	294	300	365
C. # of Miles of Sewer Lines Cleaned and Inspected	2	2	12	20	40
D. # of linear feet of Sidewalks Installed/Repaired	3,000	2,640	3,000	2,880	2,880
E. # of Service Requests Filled	1,535	2,061	2,300	2,500	2,800
F. # of Gallons Water Produced	879,000,000	901,000,000	0	800,000,000	795,565,216
G.# of Gallons Imported	0	0	0	764,283,520	0
G. # Professional Development Hours Completed	300	400	660	750	1,000
H. # of Permits	230	275	220	225	250
# Digitally	0	0	0	125	150
% Digitally	0	0	0	50	60
I. # of Graffiti Removals*	*	*	*	*	25

* Prior year data unavailable.

FUNDING SUMMARY FOR FY 2023-2024
SOURCES:

PUBLIC WORKS	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
General Revenue	1,011,651	914,193	1,684,065	2,109,404	1,927,067
Engineering & Inspection Fees	94,530	119,760	5,000	104,500	75,000
Parking Meter Rev-Civic Center	40,621	50,426	50,000	50,500	55,000
Transfer From Gas Tax Fund	205,000	228,036	250,000	250,000	250,000
TOTAL FUNDING SOURCES	1,351,802	1,312,414	2,069,065	2,514,404	2,307,067

USES:

PUBLIC WORKS	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
01-310 Administration	623,282	736,703	951,596	894,526	851,319
01-311 Street Maintenance	430,104	250,118	641,812	745,449	883,794
01-312 Graffiti Removal	-	-	45,021	81,383	69,128
01-320 Equipment Maintenance	2,012	2,441	-	-	-
01-343 Street Sweeping	34,700	34,700	36,455	36,435	36,435
01-346 Streets, Trees, & Parkways	60,782	116,244	111,631	426,000	172,104
01-370 Traffic Safety	142,921	89,505	282,549	330,612	294,287
01-371 Traffic Signals	57,837	81,898	-	-	-
01-390 Facility Maintenance	163	804	-	-	-
TOTAL FUNDING USES	1,351,802	1,351,801	1,312,414	2,069,065	2,307,067

PERSONNEL:

PUBLIC WORKS	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
Director of Public Works/City Engineer	1.00	1.00	1.00	1.00	1.00
Management Analyst	1.00	1.00	1.00	1.00	1.00
Civil Engineering Assistant II	2.00	2.00	2.00	2.00	2.00
Office Specialist	2.00	0.00	0.00	0.00	0.00
Executive Assistant	0.00	1.00	1.00	1.00	1.00
Public Works Technician	0.00	1.00	1.00	1.00	1.00
Administrative Coordinator	1.00	0.00	0.00	0.00	0.00
Management Intern (FTE)	0.00	0.46	0.46	0.46	0.46
City Electrician	0.00	1.00	1.00	1.00	1.00
Electrical Supervisor	1.00	0.00	0.00	0.00	0.00

PUBLIC WORKS (cont'd)	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
Bldg. Maint. Worker/Electrical Helper	1.00	0.00	0.00	0.00	0.00
Operations Manager	0.00	1.00	1.00	1.00	1.00
Equipment & Materials Supervisor	1.00	0.00	0.00	0.00	0.00
Public Works Supervisor	0.00	0.00	1.00	1.00	1.00
City Mechanic	1.00	1.00	1.00	1.00	1.00
Public Works Superintendent	3.00	2.00	1.00	1.00	1.00
Water Superintendent	0.00	0.00	1.00	1.00	1.00
Maintenance Worker ¹	8.00	7.00	6.00	6.00	8.00
Field Supervisor II	3.00	2.00	0.00	0.00	0.00
Field Supervisor I	1.00	1.00	0.00	0.00	0.00
Water Supervisor	0.00	0.00	2.00	2.00	2.00
Senior Maintenance Worker	6.00	4.00	2.00	2.00	2.00
Senior Water Worker	0.00	0.00	1.00	1.00	1.00
Water Worker I	0.00	0.00	1.00	1.00	1.00
Water Worker II	0.00	0.00	2.00	2.00	2.00
Meter Technician	1.00	1.00	0.00	0.00	0.00
Cross Connection Specialist	0.00	0.00	1.00	1.00	1.00
Senior Water System Operator	0.00	0.00	1.00	1.00	1.00
Water System Operator ²	0.00	0.00	0.00	0.00	1.00
Water Pumping Operator/Backflow Tech.	1.00	2.00	0.00	0.00	0.00
Water Operations Manager	0.00	1.00	1.00	1.00	1.00
Senior Park Maintenance Worker	0.00	0.00	1.00	1.00	1.00
Street Tree Trimmer	0.00	0.00	1.00	1.00	1.00
Senior Sewer Worker	0.00	0.00	1.00	1.00	1.00
Sewer Worker	0.00	0.00	1.00	1.00	1.00
City Maintenance Helper - Graffiti (FTE) ¹	0.00	0.00	0.75	0.75	0.00
Maintenance Helper (FTE) ¹	0.80	2.76	2.30	2.30	1.38
TOTAL PUBLIC WORKS PERSONNEL	34.80	32.22	36.51	36.51	37.84

¹ 4-PT Maintenance & City Helpers recommended for conversion to 2-FT Maintenance Workers as FY 2024-2025 Budget Enhancement

² Water System Operator recommended as Budget Enhancement in FY 2024-2025



ENGINEERING AND ADMINISTRATION

DIVISION NO. 310

DIVISION OVERVIEW

The Public Works Engineering and Administration Division provides oversight for department functions, including financial management, capital project planning, contract services, engineering support, and operations support.

Dept: Public Works
Div: Engineering & Administration

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-310-0000-4101	SALARIES-PERMANENT EMPLOYEES	316,286	285,659	390,720	386,070	163,579	42%	394,810
001-310-0000-4103	WAGES-TEMPORARY & PART-TIME	-	15,829	21,116	21,837	13,127	60%	17,572
001-310-0000-4105	OVERTIME	3,755	9,362	10,347	-	3,553	0%	-
001-310-0000-4111	COMMISSIONER'S REIMBURSEMENT	3,525	2,625	2,850	6,000	1,900	32%	6,000
001-310-0000-4120	O.A.S.D.I.	24,621	22,792	30,896	28,092	13,819	49%	30,151
001-310-0000-4124	RETIREMENT	-	-	(35)	-	-	0%	-
001-310-0000-4126	HEALTH INSURANCE	57,202	48,233	59,413	71,902	24,757	34%	67,923
001-310-0000-4128	DENTAL INSURANCE	5,316	4,467	5,352	3,178	2,119	67%	2,123
001-310-0000-4129	RETIREE HEALTH SAVINGS	598	540	504	600	116	19%	900
001-310-0000-4130	WORKER'S COMPENSATION INS.	18,340	16,351	22,508	15,517	9,551	62%	19,527
001-310-0000-4134	LONG TERM DISABILITY INSURANCE	876	904	1,062	1,252	239	19%	1,457
001-310-0000-4136	OPTICAL INSURANCE	980	822	1,018	595	381	64%	708
001-310-0000-4138	LIFE INSURANCE	269	225	279	364	122	33%	315
001-310-0000-4140	WELLNESS BENEFIT	-	-	300	450	-	0%	750
001-310-0000-4141	TECHNOLOGY ALLOWANCE	-	-	-	-	-	0%	2,700
001-310-0000-4142	AUTOMOBILE ALLOWANCE	-	-	-	-	-	0%	4,800
001-310-0628-4101	SF SAFE & ACTIVE ST IMPLEMENTATION PLAN	-	-	-	-	-	0%	-
001-310-0628-4120	SF SAFE & ACTIVE ST IMPLEMENTATION PLAN	-	-	-	-	-	0%	-
001-310-0628-4124	SF SAFE & ACTIVE ST IMPLEMENTATION PLAN	-	-	-	-	-	0%	-
001-310-0628-4130	SF SAFE & ACTIVE ST IMPLEMENTATION PLAN	-	-	-	-	-	0%	-
001-310-3689-XXXX	COVID-19 GLOBAL OUTBREAK	985	-	-	-	-	0%	-
Personnel Costs		432,752	407,808	546,330	535,857	233,263	44%	549,736
001-310-0000-4210	UTILITIES	-	-	-	-	-	0%	-
001-310-0000-4220	TELEPHONE	2,239	2,015	2,715	2,500	988	40%	2,500
001-310-0000-4260	CONTRACTUAL SERVICES	-	-	6,000	-	-	0%	-
001-310-0000-4270	PROFESSIONAL SERVICES	133,319	115,947	241,408	246,626	211,834	86%	200,000
001-310-0000-4300	DEPARTMENT SUPPLIES	6,577	5,832	8,539	7,000	5,136	73%	7,500
001-310-0000-4310	EQUIPMENT AND SUPPLIES	763	1,961	5,705	8,327	1,300	16%	4,500
001-310-0000-4320	DEPARTMENT EQUIPMENT MAINT	-	-	-	2,000	55	3%	2,000
001-310-0000-4360	PERSONNEL TRAINING	-	299	2,044	1,500	513	34%	3,000
001-310-0000-4365	TUITION REIMBURSEMENT	-	-	-	-	-	0%	-
001-310-0000-4370	MEETINGS, MEMBERSHIPS & TRAVEL	-	-	2,574	1,000	-	0%	1,000
001-310-0000-4380	SUBSCRIPTIONS DUES & MMBRSHIPS	890	1,340	1,867	2,000	1,299	65%	6,327
001-310-0000-4390	MILEAGE REIMBURSEMENT	1,805	1,625	1,527	1,900	369	19%	1,900
001-310-0628-4270	PROFESSIONAL SERVICES	6,173	9,228	-	-	-	0%	-
Operations & Maintenance Costs		151,765	138,247	272,380	272,853	221,494	81%	228,727
001-310-0000-4706	LIABILITY CHARGE	-	28,116	34,188	43,394	21,697	50%	29,970
001-310-0000-4743	FACILITY MAINTENANCE CHARGE	38,765	32,352	43,500	42,422	21,211	50%	42,886
Internal Service Charges		38,765	60,468	77,688	85,816	42,908	50%	72,856
001-310-0000-4941	TRANSFER TO EQUIP. REPLACEMENT FND	-	125,000	-	-	-	0%	-
001-310-0000-4943	TRANSFER TO FACILITY MAINTENANCE FUND	-	-	55,000	-	-	0%	-
Transfers		-	125,000	55,000	-	-	0%	-
001-310-0000-4500	CAPITAL EQUIPMENT	-	5,180	-	-	-	0%	-
Capital Costs		-	5,180	-	-	-	-	-
Division Total		623,282	736,703	951,398	894,526	497,665	56%	851,319

STREET MAINTENANCE**DIVISION NO. 311****DIVISION OVERVIEW**

The Street Maintenance Division is responsible for the maintenance and repair of streets, curbs, gutters, sidewalks, storm drains, and traffic markings. The Division oversees, inspects and maintains more than 50 miles of public streets; 37 alleys; 80 miles of City sidewalks and 237 storm drains. In addition, the Division cleans and maintains 79 bus stops; including 28, City Trolley stops. Of these bus stop locations, 18 are currently equipped with bus shelters. In addition, the division provides maintenance functions for the downtown business area (Mall). The Division collects refuse from public receptacles on a daily basis; conducts landscape maintenance five days a week; cleans sidewalks daily and power washes once a week.

The Division oversees the City's street sweeping services contract. Street sweeping is conducted to improve the cleanliness, health and safety of the City. Street sweepers remove debris from streets and prevent it from entering storm drains. Street sweeping not only helps maintain clean and healthy streets, but also helps the City comply with mandatory and increasingly stringent state and federal storm water quality requirements.

NOTE: Beginning in Fiscal Year 2015-2016, Bus Shelter Maintenance (Division 313), Mall Maintenance (Division 341), and Street Sweeping (Division 343) were consolidated and included under Street Maintenance – Division 311. The detailed worksheets for those former divisions is included for historical purposes.

Dept: Public Works
Div: Street Maintenance

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-311-0000-4101	SALARIES-PERMANENT EMPLOYEES	31,759	235,855	235,855	257,431	111,849	43%	320,247
001-311-0000-4103	WAGES-TEMPORARY & PART-TIME	16,702	20,651	20,651	19,430	6,304	32%	78,602
001-311-0000-4105	OVERTIME	8,087	23,106	23,106	22,600	16,871	75%	5,000
001-311-0000-4120	O.A.S.D.I.	4,326	21,219	21,219	20,867	10,084	48%	30,326
001-311-0000-4126	HEALTH INSURANCE	6,305	52,864	52,864	58,499	20,348	35%	82,243
001-311-0000-4128	DENTAL INSURANCE	507	3,200	3,200	1,124	1,095	97%	2,571
001-311-0000-4129	RETIREE HEALTH SAVINGS	505	986	2,123	1,800	667	37%	3,000
001-311-0000-4130	WORKER'S COMPENSATION INS.	6,359	7,516	35,376	31,156	16,825	54%	31,226
001-311-0000-4134	LONG TERM DISABILITY	-	-	304	333	164	49%	367
001-311-0000-4136	OPTICAL INSURANCE	103	47	744	354	298	84%	857
001-311-0000-4138	LIFE INSURANCE	33	41	244	366	122	33%	495
001-311-3689-XXXX	COVID-19 GLOBAL OUTBREAK	172	-	-	-	-	0%	-
Personnel Costs		74,857	365,483	395,685	413,960	184,627	45%	554,934
001-311-0000-4210	UTILITIES-LOT 6N LIGHTING	-	-	-	-	-	-	-
001-311-0000-4260	CONTRACTUAL SERVICES	68,962	50,613	50,613	114,384	35,462	31%	102,668
001-311-0000-4300	DEPARTMENT SUPPLIES	16,860	31,885	31,885	47,668	17,102	36%	40,000
001-311-0000-4310	EQUIPMENT AND SUPPLIES	440	4,354	4,354	6,850	4,827	70%	6,850
001-311-0000-4325	UNIFORM ALLOWANCE	-	-	-	200	200	100%	200
001-311-0000-4430	ACTIVITIES AND PROGRAMS	-	684	684	1,850	-	0%	1,850
001-311-0301-4300	PW MAINT. & REPAIR SUPPLIES	14,225	-	-	-	-	0%	-
Operations & Maintenance Costs		100,488	87,536	87,536	170,952	57,592	34%	151,568
001-311-0000-4706	LIABILITY CHARGE	-	1,740	27,504	31,792	15,896	50%	30,253
001-311-0000-4741	EQUIP REPLACEMENT CHARGE	16,200	11,196	11,196	41,987	5,598	13%	51,930
001-311-0320-4741	EQUIP MAINT CHARGE	55,653	23,352	61,176	11,200	20,994	187%	18,075
001-311-0000-4743	FACILITY MAINTENANCE CHARGE	8,528	7,116	58,716	45,977	22,989	50%	77,034
Internal Service Charges		80,381	43,404	158,592	130,956	65,477	50%	177,292
001-311-0000-4500	CAPITAL EQUIPMENT	174,379	-	-	29,581	29,581	100%	-
Capital Costs		174,379	-	-	29,581	29,580.59	100%	-
Division Total		430,104	496,423	641,812	745,449	337,276	45%	883,794

Dept: Public Works
Div: Graffiti Removal

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-312-0000-4101 SALARIES-PERMANENT EMPLOYEES	-	-	1,479	35,342	9,799	28%	20,362
001-312-0000-4103 WAGES-TEMPORARY & PART-TIME	-	-	22,995		4,575	0%	11,824
001-312-0000-4105 OVERTIME	-	-	-	-	1,132	0%	5,000
001-312-0000-4120 O.A.S.D.I.	-	-	1,872	2,704	1,186	44%	2,463
001-312-0000-4126 HEALTH INSURANCE	-	-	-	11,995	2,215	18%	5,965
001-312-0000-4128 DENTAL INSURANCE	-	-	-	315	150	48%	187
001-312-0000-4129 RETIREE HEALTH SAVINGS	-	-	-	450		0%	-
001-312-0000-4130 WORKER'S COMPENSATION INS.	-	-	3,217	2,490	885	36%	403
001-312-0000-4136 OPTICAL INSURANCE	-	-	-	54	27	50%	63
001-312-0000-4138 LIFE INSURANCE	-	-	40	45	12	26%	68
Personnel Costs	-	-	29,604	53,395	10,183	19%	46,335
001-312-0000-4300 DEPARTMENT SUPPLIES	-	-	3,449	17,120	4,858	28%	12,120
001-312-0000-4325 UNIFORM ALLOWANCE	-	-	100	400	400	100%	400
Operations & Maintenance Costs	-	-	3,549	17,520	5,258	30%	12,520
001-312-0000-4706 LIABILITY CHARGE	-	-	2,436	4,338	2,169	50%	2,526
001-312-0000-4743 FACILITY MAINTENANCE CHARGE	-	-	9,432	6,130	3,065	50%	7,747
Internal Service Charges	-	-	11,868	10,468	5,234	50%	10,273
Division Total	-	-	45,021	81,383	20,675	25%	69,128

Dept: Public Works
Div: Street Cleaning

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-343-0000-4260 CONTRACTUAL SERVICES	34,700	34,700	36,455	36,435	36,435	100%	36,435
Operations & Maintenance Costs	34,700	34,700	36,455	36,435	36,435	100%	36,435
Division Total	34,700	34,700	36,455	36,435	36,435	100%	36,435

STREETS, TREES AND PARKWAYS**DIVISION NO. 346****DIVISION OVERVIEW**

The Streets Trees and Parkway Division provides a program of tree general maintenance for City trees in parkways and at City facilities. In order to preserve aging trees, the Division performs additional services under the guidance of an arborist for things such as wind trimming, hole fillings and cabling. The City's active tree maintenance program helps to prolong tree life expectancy and the beauty of our trees. These activities also help the City to meet the requirements for designation as a "Tree City USA".

Dept: Public Works
Div: Street Trees & Parkways

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-346-0000-4101	SALARIES-PERMANENT EMPLOYEES	15,070	41,727	34,339	202,658	40,670	20%	82,741
001-346-0000-4103	WAGES-TEMPORARY & PART-TIME	-	-	6			0%	-
001-346-0000-4105	OVERTIME	5,931	16,505	19,811	5,000	4,861	97%	5,000
001-346-0000-4120	O.A.S.D.I.	1,607	4,456	4,142	15,503	3,483	22%	6,330
001-346-0000-4126	HEALTH INSURANCE	2,642	12,448	10,305	83,966	5,545	7%	33,214
001-346-0000-4128	DENTAL INSURANCE	171	577	984		399	0%	1,038
001-346-0000-4129	RETIREE HEALTH SAVINGS	43	768	414	5,130	117	2%	1,500
001-346-0000-4130	WORKER'S COMPENSATION INS.	2,087	7,152	5,200	28,818	6,159	21%	8,275
001-346-0000-4136	OPTICAL INSURANCE	34	242	174		98	0%	346
001-346-0000-4138	LIFE INSURANCE	15	74	47	288	76	26%	113
Personnel Costs		27,601	83,948	75,422	341,363	61,408	18%	138,557
001-346-0000-4260	CONTRACTUAL SERVICES	12,000	285	5,581	5,500	3,730	68%	5,500
001-346-0000-4300	DEPARTMENT SUPPLIES	-	4,147	5,153	5,000	4,239	85%	5,000
001-346-0000-4310	EQUIPMENT AND SUPPLIES	7,253	-	-			0%	-
Operations & Maintenance Costs		19,253	4,432	10,733	10,500	7,969	76%	10,500
001-346-0000-4706	LIABILITY CHARGE	-	624	3,888	27,731	13,866	50%	7,554
001-346-0320-4741	EQUIP MAINT CHARGE	9,276	23,352	15,300	8,398	4,200	50%	-
001-346-0000-4743	FACILITY MAINTENANCE CHARGE	4,652	3,888	6,288	38,008	19,004	50%	15,493
Internal Service Charges		13,928	27,864	25,476	74,137	37,070	50%	23,047
Division Total		60,782	116,244	111,631	426,000	106,446	25%	172,104

TRAFFIC SIGNALS AND LIGHTING**DIVISION NO. 370****DIVISION OVERVIEW**

The Traffic Signals/Lighting Division provides for the operation and maintenance of 44 traffic signal controlled intersections and 6 stop sign controlled intersections with flashing beacons. The Division also oversees the routine scheduled maintenance to all street signs and off street parking controls. The focus of the Division is to conduct preventative maintenance, operational checks and inspections, to guarantee the safe flow of traffic and ensure the adequate safety and protection of pedestrians.

Dept: Public Works

Div: Traffic Safety

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-370-0000-4101	SALARIES-PERMANENT EMPLOYEES	21,786	24,168	60,746	130,541	58,466	45%	109,311
001-370-0000-4103	WAGES-TEMPORARY & PART-TIME	-	-	6	-		0%	-
001-370-0000-4105	OVERTIME	3,576	4,644	4,360	15,000	2,858	19%	5,000
001-370-0000-4120	O.A.S.D.I.	1,940	2,204	4,982	8,976	4,691	52%	8,363
001-370-0000-4126	HEALTH INSURANCE	5,800	9,477	18,237	28,060	12,822	46%	32,315
001-370-0000-4128	DENTAL INSURANCE	409	536	1,655	1,069	1,117	105%	1,010
001-370-0000-4129	RETIREE HEALTH SAVINGS	2	211	1,525	300	392	131%	870
001-370-0000-4130	WORKER'S COMPENSATION INS.	2,164	3,178	9,257	3,562	4,310	121%	5,202
001-370-0000-4134	LONG TERM DISABILITY	-	-	-	626	120	19%	253
001-370-0000-4136	OPTICAL INSURANCE	109	155	296	193	212	110%	337
001-370-0000-4138	LIFE INSURANCE	25	33	80	92	33	36%	99
001-370-0000-4140	WELLNESS BENEFIT	-	-	-	150	-	0%	-
Personnel Costs		35,810	44,605	101,144	188,569	85,021	45%	162,760
001-370-0000-4260	CONTRACTUAL SERVICES	-	-	-			0%	-
001-370-0000-4300	DEPARTMENT SUPPLIES	-	11,324	8,906	11,383	8,690	76%	11,400
001-370-0000-4310	EQUIPMENT AND SUPPLIES	579	-	-	-	-	0%	-
001-370-0000-4320	DEPARTMENT EQUIPMENT MAINT	-	-	-	-	-	0%	-
001-370-0000-4340	SMALL TOOLS	-	-	-	-	-	0%	-
001-370-0000-4360	PERSONNEL TRAINING	-	-	395	6,000	760	13%	6,000
001-370-0000-4380	SUBSCRIPTIONS DUES & MMBRSHIPS	-	-	-	-		0%	-
001-370-0000-4430	ACTIVITIES AND PROGRAMS	-	-	-	-		0%	-
001-370-0301-4300	PW MAINT. & REPAIR SUPPLIES	9,096	-	31,144	32,325	11,789	96%	32,308
001-370-0564-4300	ST. LIGHT KNOCKDOWNS	-	-	49,821	-	35,358	0%	-
Operations & Maintenance Costs		9,676	11,324	90,265	49,708	56,597	114%	49,708
001-370-0000-4706	LIABILITY CHARGE	-	3,120	8,460	15,318	7,659	50%	8,873
001-370-0320-4741	EQUIP MAINT CHARGE	83,480	14,004	45,888	49,956	20,994	42%	44,512
001-370-0000-4741	EQUIP REPLACEMENT CHARGE	-	4,800	14,796	14,800	10,115	68%	14,800
001-370-0000-4743	FACILITY MAINTENANCE CHARGE	13,955	11,652	21,996	12,261	7,398	60%	13,634
Internal Service Charges		97,435	33,576	91,140	92,335	46,166	50%	81,819
Division Total		142,921	89,505	282,549	330,612	187,783	57%	294,287



PAGE INTENTIONALLY
LEFT BLANK

PUBLIC WORKS:

**INTERNAL SERVICE
AND
ENTERPRISE
FUNDS**

DESCRIPTION

Internal Service Funds are proprietary funds used to account for activities that provide goods and services to other funds or departments within the City on a cost reimbursement basis.

Enterprise Funds are proprietary funds used to account for services provided to the public on a user charge basis, similar to the operation of a commercial enterprise.

The following is a list of the Internal Service and Enterprise Funds included in this section:

FUND NUMBER DESCRIPTION**INTERNAL SERVICE FUNDS**

006	Self-Insurance Fund (<i>See Finance Budget</i>)
041	Equipment Maintenance and Replacement Fund
043	Facility Maintenance Fund

ENTERPRISE FUNDS

070	Water Fund
072	Sanitary Sewer Fund
073	Refuse Fund (Inactive)
074	Compressed Natural Gas Fund

**EQUIPMENT MAINTENANCE AND
REPLACEMENT FUND****FUND NO. 041****FUND OVERVIEW**

The Equipment Maintenance and Replacement Fund is an internal service fund that is used to account for the costs associated with maintaining City vehicles as well as set aside funds to replace existing vehicles once their useful life has been reached. Costs for the Fund are charged to City divisions that use vehicles as part of their operations through two charges: 1) equipment maintenance charge, which accounts for labor, parts, and fuel for each vehicle, and 2) equipment replacement charge, which is an annual charge equal to the replacement value divided by the useful life of the vehicle.

The Equipment Maintenance Division, which is funded through the Equipment Maintenance Fund, maintains and repairs all City vehicles. The Division is responsible for maintaining an inventory of parts and materials required for vehicles and equipment maintenance, such as tires, oils filters, brakes, hoses, lights, and cleaning supplies.

A primary goal of the Division is the Preventative Maintenance Program (PMP), which lowers costs by identifying smaller repairs before they become larger and more expensive. This reduces emergency repairs, equipment downtime and increases fuel economy.

Through the PMP, the Division maintains and repairs: 31 police vehicles, 13 mid-duty trucks, 11 light-duty trucks, 10 heavy-duty pieces of equipment, 12 compressed natural gas (CNG) fueled vehicles, 2 electric vehicles, 27 small pieces of equipment, 4 portable emergency generators, and 2 fixed-site emergency generators.

MAJOR PROJECTS/PROGRAMS

- Replace vehicles based on designated replacement schedule.
- Build reserve for future vehicle replacements.
- Oversee and monitor Enterprise Vehicle Leasing Program.

Dept: Public Works
Div: Equipment/Vehicle Maintenance

Beginning Fund Balance:					934,737			959,231
REVENUES		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3500-0000	INTEREST INCOME	11,295	8,780	17,643	-	1,683	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(10,160)	(48,228)	(12,447)	-	54,698	0%	-
3910-0000	SALE OF PROPERTY & EQUIPMENT	-	12,550	-	-	11,800	0%	-
3941-0152	EQUIP REPLACEMENT REIMB	4,375	4,380	4,380	4,375	2,190	50%	11,875
3941-0222	ANNUAL EQUIP REPLACE REIM	-	-	9,996	10,000	2,502	25%	6,667
3941-0224	EQUIP REPLACE REIMB-DETECTIVE	15,000	5,004	9,996	10,000	4,998	50%	27,500
3941-0225	ANNUAL EQUIP REPLACE REIM	58,250	18,000	80,496	80,500	28,998	36%	63,750
3941-0230	ANNUAL EQUIP REPLACE REIM	9,276	-	-	-	-	0%	-
3941-0311	EQUIP REPLACE REIMB-PW STREETS	16,200	11,196	11,196	11,200	5,598	50%	18,075
3941-0360	ANNUAL EQUIP REPLACEMNT REIMB	11,250	11,256	11,256	11,250	5,628	50%	17,750
3941-0370	ANNUAL EQUIP REPLACEMNT REIMB	-	4,800	14,796	14,800	7,398	50%	14,800
3941-0371	ANNUAL EQUIP REPLACEMENT REIMB	-	-	-	-	-	0%	3,750
3941-0381	ANNUAL EQUIP REPLACEMNT REIMB	30,183	30,180	33,120	33,117	16,560	50%	33,117
3941-0390	EQUIP REPLACE REIMB-FCLTY MNGE	5,500	5,496	4,500	4,500	2,250	50%	40,375
3941-0420	EQUIP REPLACE REIMB-RECREATION	-	-	-	-	-	0%	-
3950-0000	PROPERTY DAMAGE REIMBURSEMENT	-	13,535	-	-	-	0%	-
3970-0000	TRANSFER FROM GENERAL FUND	-	197,000	-	-	-	0%	-
3995-0000	TRANSFER FROM THE WATER FUND	-	-	-	-	-	0%	-
3952-0000	EQUIPMENT MAINTENANCE CHARGE	683,920	326,196	509,856	662,283	331,146	50%	549,650
Total Revenue		835,089	600,146	694,788	842,025	475,449	56%	787,308

APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
041-180-0000-4127	RETIRED EMP. HEALTH INS.	4,587	16,675	17,693	-	9,056	0%	18,500
041-320-0000-4101	SALARIES-PERMANENT EMPLOYEES	161,978	107,807	124,881	132,142	68,195	52%	136,676
041-320-0000-4105	OVERTIME	1,658	4,865	9,490	-	5,501	0%	-
041-320-0000-4120	O.A.S.D.I.	12,518	8,609	10,106	9,796	5,392	55%	10,270
041-320-0000-4124	RETIREMENT	38,666	26,548	32,724	31,934	17,607	55%	34,168
041-320-0000-4126	HEALTH INSURANCE	48,882	34,010	31,790	37,029	15,460	42%	40,887
041-320-0000-4128	DENTAL INSURANCE	3,881	2,819	2,775	2,240	1,318	59%	1,278
041-320-0000-4130	WORKER'S COMPENSATION INS.	21,470	14,010	16,336	10,576	8,919	84%	11,886
041-320-0000-4134	LONG TERM DISABILITY INSURANCE	106	188	304	333	164	49%	367
041-320-0000-4136	OPTICAL INSURANCE	681	506	497	401	249	62%	426
041-320-0000-4138	LIFE INSURANCE	201	126	131	127	66	52%	126
041-320-3661-4105	OVERTIME	-	-	-	-	-	0%	-
041-320-3661-4120	CNG FUELING STATION	-	-	-	-	-	0%	-
041-320-3661-4130	CNG FUELING STATION	-	-	-	-	-	0%	-
041-320-3689-4101	SALARIES-PERMANENT EMPLOYEES	160	-	-	-	-	0%	-
041-320-3689-4120	O.A.S.D.I.	12	-	-	-	-	0%	-
041-320-3689-4124	RETIREMENT	40	-	-	-	-	0%	-
041-320-3689-4130	WORKER'S COMPENSATION INS.	23	-	-	-	-	0%	-
Personnel Costs		294,865	216,163	246,727	224,578	131,926	59%	254,584

041-320-0000-4220	TELEPHONE	239	315	333	200	110	55%	200
041-320-0000-4260	CONTRACTUAL SERVICES	1,377	3,088	9,663	9,800	-	0%	-
041-320-0000-4300	DEPARTMENT SUPPLIES	3,823	3,950	3,979	4,000	34	1%	4,000
041-320-0000-4310	EQUIPMENT AND SUPPLIES	5,103	4,632	5,581	5,000	2,606	52%	5,000
041-320-0000-4320	DEPARTMENT EQUIPMENT MAINT	3,393	6,829	5,332	6,000	9	0%	6,000
041-320-0000-4340	SMALL TOOLS	2,225	2,320	2,238	2,250	-	0%	2,250
041-320-0000-4360	PERSONNEL TRAINING	-	15	499	5,000	-	0%	500
041-320-0000-4400	VEHICLE OPERATION & MAINT	-	18	-	-	-	0%	-

Dept: Public Works
Div: Equipment/Vehicle Maintenance

APPROPRIATIONS (Continued)		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
041-320-0000-4402	FUEL	258	-	-	-	-	0%	-
041-320-0000-4450	OTHER EXPENSE	1,150	1,396	1,540	6,450	2,234	35%	-
041-320-0152-4400	CDBG ADMINISTRATION	2,782	3,211	2,641	2,000	989	49%	-
041-320-0152-4402	FUEL	3,661	3,469	3,294	4,000	1,063	27%	-
041-320-0152-4450	COMMUNITY PRESERVATION	-	-	-	-	-	0%	-
041-320-0221-4400	VEHICLE OPERATION & MAINT	294	92	531	1,000	977	98%	2,100
041-320-0221-4402	FUEL	2,516	7,054	8,760	2,500	4,905	196%	7,000
041-320-0221-4450	OTHER EXPENSE	-	-	-	-	-	0%	-
041-320-0222-4400	VEHICLE OPERATION & MAINT	685	4,074	2,572	1,000	29	3%	3,400
041-320-0222-4402	FUEL	1,936	2,339	2,686	2,500	1,293	52%	3,000
041-320-0224-4400	VEHICLE OPERATION & MAINT	4,803	13,660	7,200	8,000	3,850	48%	15,000
041-320-0224-4402	FUEL	8,823	20,104	21,909	10,000	7,200	72%	14,500
041-320-0224-4450	OTHER EXPENSE	-	-	-	-	-	0%	-
041-320-0225-4400	VEHICLE OPERATION & MAINT	58,825	76,976	44,323	50,000	11,549	23%	35,600
041-320-0225-4402	FUEL	46,710	61,519	60,017	50,000	29,805	60%	-
041-320-0225-4450	OTHER EXPENSE	-	-	-	-	-	0%	49,500
041-320-0226-4400	VEHICLE OPERATION & MAINT	-	-	-	-	-	0%	3,000
041-320-0226-4402	FUEL	-	-	-	-	-	0%	-
041-320-0226-4450	OTHER EXPENSE	-	-	-	-	-	-	-
041-320-0228-4400	VEHICLE OPERATION & MAINT	1,632	3,684	1,817	5,000	237	5%	6,000
041-320-0228-4402	FUEL	7,499	8,544	7,358	6,500	4,803	74%	7,000
041-320-0311-4400	VEHICLE OPERATION & MAINT	11,720	13,263	13,556	12,000	5,562	46%	11,500
041-320-0311-4402	FUEL	7,226	12,269	14,695	10,000	7,237	72%	14,500
041-320-0311-4450	STREET MAINTENANCE	-	-	-	-	-	0%	-
041-320-0312-4400	VEHICLE OPERATION & MAINT	-	-	-	-	-	0%	3,000
041-320-0312-4402	FUEL	657	320	-	-	-	0%	6,000
041-320-0320-4400	VEHICLE OPERATION & MAINT	2,766	3,499	2,472	3,000	-	0%	3,000
041-320-0320-4402	FUEL	797	2,499	1,920	1,500	1,270	85%	2,500
041-320-0346-4400	VEHICLE OPERATION & MAINT	-	-	21,079	10,000	135	1%	15,500
041-320-0346-4402	FUEL	908	692	152	1,000	-	0%	1,100
041-320-0370-4400	VEHICLE OPERATION & MAINT	1,778	4,187	1,920	10,000	7,840	78%	12,500
041-320-0370-4402	FUEL	5,836	12,571	13,202	10,000	5,172	52%	11,500
041-320-0371-4400	VEHICLE OPERATION & MAINT	-	-	-	-	-	0%	-
041-320-0371-4402	FUEL	-	-	-	-	-	0%	-
041-320-0371-4450	OTHER EXPENSE	-	-	-	-	-	0%	-
041-320-0390-4400	VEHICLE OPERATION & MAINT	7,181	11,603	8,543	7,500	7,898	105%	14,500
041-320-0390-4402	FUEL	14,415	24,183	24,536	15,000	11,021	73%	19,500
041-320-0420-4400	RECREATION DEPT	296	-	480	1,000	-	0%	1,000
041-320-0420-4402	FUEL	112	70	-	-	-	0%	-
041-320-3661-4210	CNG FUELING STATION	-	-	-	-	-	0%	-
041-320-3661-4220	CNG FUELING STATION	-	-	-	-	-	0%	-
041-320-3661-4260	CNG FUELING STATION	-	-	-	-	-	0%	-
041-320-3661-4300	CNG FUELING STATION	-	-	-	-	-	0%	-
041-320-3661-4400	CNG FUELING STATION	-	-	-	-	-	0%	-
041-320-3661-4402	FUEL	-	-	-	-	-	0%	-
041-320-3661-4430	ACTIVITIES AND PROGRAMS	-	-	-	-	-	0%	-
041-320-3661-4435	BANK CHARGES	-	-	-	-	-	0%	-
041-320-3661-4450	OTHER EXPENSE	-	-	-	-	-	0%	-
041-190-0000-4457	EXCISE TAX RETURN	-	-	-	-	-	0%	-
041-320-3661-4457	EXCISE TAX RETURN	-	-	-	-	-	0%	-
041-320-3689-4300	DEPARTMENT SUPPLIES-COVID-19	-	-	-	-	-	0%	-
Operations & Maintenance Costs		211,426	312,440	294,827	262,200	117,828	45%	280,150

Dept: Public Works
Div: Equipment/Vehicle Maintenance

APPROPRIATIONS (Continued)		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
041-320-0000-4706	LIABILITY CHARGE	-	21,936	14,640	18,244	9,122	50%	684
041-320-0320-4741	EQUIP MAINT & REPLACEMENT CHARGE	27,827	14,004	15,300	25,192	12,594	50%	14,837
041-320-0000-4741	EQUIP REPLACEMENT CHARGE	-	-	-	-	-	0%	-
041-320-0000-4743	FACILITY MAINTENANCE CHARGE	43,400	34,944	17,556	17,164	8,580	50%	1,239
041-320-0000-4820	DEPRECIATION EXPENSE	-	20,582	101,332	22,000	-	0%	-
Internal Service Charges		71,227	91,466	148,828	82,600	30,296	37%	16,760
041-152-0000-4500	CAPITAL EXPENSES	-	-	-	14,867	-	0%	58,164
041-224-0000-4500	CAPITAL EXPENSES	-	-	0	18,193	-	0%	-
041-225-0000-4500	CAPITAL EXPENSES	-	(0)	1,000	919	-	0%	-
041-230-0000-4500	CAPITAL EXPENSES	4,723	-	-	-	-	0%	-
041-311-0000-4500	CAPITAL EXPENSES	-	-	-	205,645	-	0%	114,153
041-346-0000-4500	CAPITAL EXPENSES	-	-	-	-	-	0%	-
041-370-0000-4500	CAPITAL EXPENSES	-	-	-	-	-	0%	-
041-390-0000-4500	CAPITAL EXPENSES	-	-	-	-	-	0%	-
041-420-0000-4500	CAPITAL EXPENSES	-	-	-	8,528	7,707	90%	12,324
Capital Projects		4,723	(0)	1,000	248,153	7,707	3%	184,641
041-320-3661-4974	TRANSFER TO CNG FUND	-	-	-	-	-	0%	-
Transfers		-	-	-	-	-	0%	-
Total Appropriations		582,241	620,069	691,382	817,531	287,757	46%	736,135
ANNUAL SURPLUS/DEFICIT		252,848	(19,923)	3,406	24,494	187,692		51,173
Ending Balance:					959,231			1,010,405

NOTES: This Division was converted to an Internal Service Fund in FY 2015-2016.

Compressed Natural Gas (CNG) has been moved to the Enterprise Funds (074) in FY 2017-2018.

FACILITY MAINTENANCE FUND**FUND No. 043****FUND OVERVIEW**

The Facility Maintenance Fund is an internal service fund that is used to account for the costs associated with maintaining City facilities. Costs for the Fund are charged to each City Division through a facilities maintenance charge, which is calculated based on each division's proportionate share of payroll.

The Facilities Maintenance Division, which is funded through the Facility Maintenance Fund, provides maintenance of all City facilities, including: City Hall, City Yard, Police Station, Park buildings and related grounds. The Division maintains a total of 110,715 square feet of building space, and over 45 acres of parks and city owned public right of way.

MAJOR PROJECTS/PROGRAMS

- Complete projects focused on modernization of City facilities, including a new HVAC system at the Police facility and a new personnel trailer at the City Yard facility.
- Complete the installation of permanent back-up generator units at San Fernando Recreation Park and Las Palmas Park. The units will provide emergency power at the parks, which are used as cooling centers during periods of hot weather and act as shelter locations during emergencies.
- Manage the Janitorial Services contract.

Dept: Public Works
Div: Facilities Management

Beginning Fund Balance:				(111,933)			(280,361)	
REVENUES		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3500-0000	INTEREST INCOME	3,011	2,353	1,219	-	63	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(3,406)	(12,798)	8,817	-	2,556	0%	-
3737-0000	EV CHARGING STATIONS	1,748	1,809	2,957	-	638	0%	3,000
3953-0000	FACILITY MAINTENANCE CHARGE	1,609,721	1,323,480	1,524,996	1,575,000	787,500	50%	1,605,000
3970-0000	TRANSFER FROM GENERAL FUND	-	129,996	55,000	-	-	0%	98,667
3992-0000	TRANSFER FROM SEWER FUND	-	20,004	20,004	-	-	0%	25,000
3995-0000	TRANSFER FROM WATER FUND	-	20,004	20,004	-	-	0%	25,000
Total Revenue		1,611,074	1,484,849	1,632,998	1,575,000	790,757	50%	1,756,667
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
043-180-0000-4127	RETIRED EMP. HEALTH INS.	8,631	32,677	40,101	-	19,471	0%	39,000
043-390-0000-4101	SALARIES-PERMANENT EMPLOYEES	413,489	336,948	391,634	334,557	150,404	45%	493,927
043-390-3689-4101	SALARIES-PERMANENT EMPLOYEES	6,733	1,262	-	-	-	0%	-
043-390-0000-4103	WAGES-TEMPORARY & PART-TIME	12,381	13,618	15,553	84,287	10,841	13%	20,404
043-390-0000-4105	OVERTIME	9,402	33,782	55,800	-	38,666	0%	-
043-390-0000-4120	O.A.S.D.I.	33,299	29,398	35,070	31,728	15,047	47%	39,332
043-390-3689-4120	O.A.S.D.I.	515	97	-	-	-	0%	-
043-390-0000-4124	RETIREMENT	77,636	52,453	66,011	52,350	19,724	38%	68,195
043-390-3689-4124	RETIREMENT	1,442	294	-	-	-	0%	-
043-390-0000-4126	HEALTH INSURANCE	128,061	75,040	101,649	95,737	43,401	45%	105,889
043-390-0000-4128	DENTAL INSURANCE	7,926	5,215	7,476	3,216	3,039	95%	4,528
043-390-0000-4129	RETIREE HEALTH SAVINGS	5,385	4,368	4,819	4,800	2,532	53%	6,000
043-390-3689-4129	RETIREE HEALTH SAVINGS	67	8	-	-	-	0%	-
043-390-0000-4130	WORKER'S COMPENSATION INS.	59,114	50,172	58,353	51,346	24,864	48%	48,092
043-390-3689-4130	WORKER'S COMPENSATION INS.	957	179	-	-	-	0%	-
043-390-0000-4134	LONG TERM DISABILITY INSURANCE	106	94	608	333	164	49%	367
043-390-0000-4136	OPTICAL INSURANCE	1,842	969	1,481	685	619	90%	1,510
043-390-0000-4138	LIFE INSURANCE	597	378	496	639	176	27%	653
043-390-3689-4101	COVID-19 GLOBAL OUTBREAK	6,733	1,262	-	-	-	0%	-
043-390-3689-4120	COVID-19 GLOBAL OUTBREAK	515	97	-	-	-	0%	-
043-390-3689-4124	COVID-19 GLOBAL OUTBREAK	1,442	294	-	-	-	0%	-
043-390-3689-4129	COVID-19 GLOBAL OUTBREAK	67	8	-	-	-	0%	-
043-390-3689-4130	COVID-19 GLOBAL OUTBREAK	957	179	-	-	-	0%	-
Personnel Costs		777,296	638,789	779,051	659,678	328,948	50%	827,897
043-390-0000-4210	UTILITIES	392,030	404,832	424,290	375,000	208,901	56%	375,000
043-390-0000-4220	TELEPHONE	239	315	333	-	130	0%	500
043-390-0000-4250	RENTS AND LEASES	-	392	-	-	-	0%	-
043-390-0000-4260	CONTRACTUAL SERVICES	256,555	234,556	250,769	274,055	101,652	37%	259,505
043-390-0000-4300	DEPARTMENT SUPPLIES	39,334	56,243	56,675	50,000	20,199	40%	50,000
043-390-0000-4310	EQUIPMENT AND SUPPLIES	7,884	3,191	4,676	4,500	3,615	80%	4,500
043-390-0000-4322	UNIFORM ALLOWANCE	-	-	-	-	-	0%	150
043-390-0000-4325	UNIFORM ALLOW-FULL TIME EMP	-	-	-	200	-	0%	2,100
043-390-0000-4330	BLDG MAINT & REPAIRS	36,973	47,660	28,176	30,000	18,926	63%	20,000
043-390-0000-4340	SMALL TOOLS	2,699	1,322	1,553	3,000	-	0%	1,500
043-390-0000-4360	PERSONNEL TRAINING	309	1,859	819	7,875	-	0%	2,000
043-390-3689-4260	COVID-19 GLOBAL OUTBREAK	-	21,750	-	-	-	0%	-
043-390-3698-4405	PUBLIC SAFETY RADIOS/BODY CAMERAS (BSCC)	-	3,804	1,930	-	-	0%	-
Operations & Maintenance Costs		736,023	775,923	769,220	744,630	353,424	47%	715,255

Dept: Public Works
Div: Facilities Management

APPROPRIATIONS (Continued)		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
043-390-0000-4706	LIABILITY CHARGE	-	46,404	45,756	53,589	26,795	50%	41,537
043-390-0320-4741	EQUIP MAINT & REPLACEMENT CHARGE	83,480	42,024	68,832	109,167	54,582	50%	96,443
043-390-0000-4741	EQUIP MAINT & REPLACEMENT CHARGE	5,500	5,496	4,500	4,500	2,250	50%	40,375
Internal Service Charges		88,980	93,924	119,088	167,256	83,627	50%	178,355
043-390-0000-4500	CAPITAL EXPENSES	-	-	41,818	171,864	-	0%	-
Capital Costs		-	-	41,818	171,864	-	0%	-
Total Appropriations		1,602,300	1,508,637	1,709,177	1,743,428	765,998	44%	1,721,507
ANNUAL SURPLUS/DEFICIT		8,774	(23,788)	(76,179)	(168,428)	24,760		35,160
Ending Balance:					(280,361)			(245,201)

NOTE: This Division was converted to an Internal Service Fund in FY 2015-2016

**CITY OF SAN FERNANDO
ENTERPRISE FUNDS
SUMMARY OF REVENUES AND APPROPRIATIONS
FISCAL YEAR 2024-2025**

Fund: Water Enterprise Fund

Beginning Balance:				4,023,809			627,088	
REVENUE		2021	2022	2023	2024	As of	2024	2025
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3500-0000	INTEREST INCOME	69,015	54,301	88,511	50,000	-	0%	50,000
3508-0000	NET INCR/DECR FAIR VAL INVEST.	(77,216)	(286,244)	(24,161)	-	276,541	0%	-
3699-0000	MISCELLANEOUS REIMBURSEMENT	-	-	-	-	-	0%	-
3810-0000	SALE OF WATER	4,605,456	4,789,524	4,924,562	5,371,804	2,062,795	38%	5,375,000
3820-0000	DELINQUENT PENALTIES	-	-	-	-	-	0%	-
3830-0000	METER & FIRE SERVICE	130,234	129,615	130,104	128,385	49,674	39%	130,000
3835-0000	WATER INSTALLATION CHARGE	139,103	92,172	37,896	90,688	26,593	29%	90,000
3840-0000	CAPITAL FACILITY CHARGES	43,042	130,331	54,633	58,313	24,816	43%	60,000
3885-0000	BACKFLOW PREVENTION FEE	79,150	79,790	79,880	42,442	31,096	73%	75,000
3901-0000	MISCELLANEOUS REVENUE	(3,686)	5,089	1,000	9,316	-	0%	5,000
3910-0000	SALE OF PROPERTY & EQUIPMENT	-	7,600	-	-	-	0%	-
3945-0000	BOND/LOAN PROCEEDS	-	-	-	-	-	0%	-
3950-0000	PROPERTY DAMAGE REIMBURSEMENT	-	-	-	-	-	0%	-
3996-0000	TRANSFER FROM OPERATING GRANT FD	-	163,673	-	-	-	0%	-
Total Revenue		4,985,098	5,165,852	5,292,425	5,750,948	2,471,516	47%	5,785,000
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
070-110	Water Attorney	483	229	-	1,000	367	0%	1,000
070-180	Water Retirement	326,728	1,052,006	1,246,938	407,483	187,834	15%	541,295
070-381	Water Administration	1,962,197	2,083,785	2,584,554	3,044,847	1,457,033	56%	1,659,417
070-382	Utility Billing	337,211	311,561	489,387	273,727	124,991	26%	399,952
070-383	Water Distribution	90,929	109,580	277,706	211,780	71,285	26%	682,194
070-384	Water Production	793,944	1,367,134	1,679,854	2,055,737	634,017	38%	1,655,277
070-385	Water Capital Projects	949,456	2,220,229	886,325	3,153,095	114,911	13%	483,430
Total Appropriations		4,460,948	7,144,525	7,164,764	9,147,669	2,590,439	36%	5,422,565
ANNUAL SURPLUS/DEFICIT		524,150	(1,978,674)	(1,872,339)	(3,396,721)	(118,923)	4%	362,435
Ending Balance:				627,088		989,523		

WATER FUND - RETIREMENT COSTS**DIVISION NO. 180****DIVISION OVERVIEW**

The Retirement Costs Division accounts for payments for retirement related costs made primarily for healthcare premiums for eligible retired employees and payments to the City's membership in the Public Employees Retirement System (PERS) in excess of the City's special tax, if any.

Dept: Public Works/Water Fund
Div: Water Attorney Services

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
070-110-0000-4270 PROFESSIONAL SERVICES	483	229	-	1,000	367	37%	1,000
Operations & Maintenance Costs	483	229	-	1,000	367	37%	1,000
Division Total	483	229	-	1,000	367	37%	1,000

Dept: Public Works/Water Fund
Div: Water Retirement

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
070-180-0000-4123	OPEB EXPENSE GASB 75	(348,344)	(41,227)	291,612	50,000	-	0%	-
070-180-0000-4124	RETIREMENT	281,868	2,685,716	66,381	-	-	0%	254,533
070-180-0000-4125	PENSION EXPENSE-GASB 68	307,667	(1,740,880)	710,646	50,000	-	0%	-
070-180-0000-4127	RETIRED EMP. HEALTH INS.	85,537	94,952	87,691	115,000	42,924	37%	95,000
Personnel Costs		326,728	998,561	1,156,330	215,000	42,924	20%	349,533
070-180-0000-4265	ADMINISTRATIVE EXPENSE	-	22,828	1,460	-	-	0%	721
070-180-0872-4405	PENSION OBLIGATION BONDS-INTEREST	-	30,618	89,148	82,983	69,910	84%	82,262
070-180-0872-4429	PENSION OBLIGATION BONDS-PRIN	-	-	-	109,500	75,000	68%	109,500
Operations & Maintenance Costs		-	53,446	90,608	192,483	144,910	75%	191,762
Division Total		326,728	1,052,006	1,246,938	407,483	187,834	46%	541,295

WATER FUND – ADMINISTRATION**FUND NO. 70-381****DIVISION OVERVIEW**

The Water Administration Division is responsible for all aspects of the Water Department overseeing production, procurement, distribution, and conservation of safe portable water for the City's residential and business community.

MAJOR PROJECTS/PROGRAMS

- Conduct needs assessment, master plan of system upgrades, cost of services analysis and rate study in order to determine appropriate system user fee charges.
- Perform AWWA Water Loss Audit per California Code of Regulations, Title 23, Division 2, Chapter 7
- Perform Annual Water Shortage Assessment per Dept. of Water Resources
- Prepare and distribute Annual Water Quality Reports
- Conduct Urban Water Management Plan per Dept. of Water Resources by July 2025
- Conduct Lead and Cooper Survey per DWR by September 2024
- Evaluate and coordinate grant applications to improve system infrastructure.

Dept: Public Works/Water Fund
Div: Water Administration

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
070-381-0000-4101	SALARIES-PERMANENT EMPLOYEES	558,293	610,060	822,246	950,536	400,275	42%	362,242
070-381-0000-4103	WAGES-TEMPORARY & PART-TIME	-	-	-	-	-	0%	-
070-381-0000-4105	OVERTIME	46,807	59,559	64,977	-	53,461	0%	-
070-381-0000-4120	O.A.S.D.I.	46,409	50,678	67,172	77,180	34,725	45%	26,601
070-381-0000-4124	RETIREMENT	103,894	107,160	132,407	161,300	68,954	43%	64,891
070-381-0000-4126	HEALTH INSURANCE	150,661	138,920	162,536	249,450	81,392	33%	55,392
070-381-0000-4128	DENTAL INSURANCE	8,718	7,900	9,939	3,685	4,651	126%	1,731
070-381-0000-4129	RETIREE HEALTH SAVINGS	3,876	3,522	7,877	12,450	3,415	27%	450
070-381-0000-4130	WORKER'S COMPENSATION INS.	74,081	81,998	117,851	110,096	59,502	54%	28,305
070-381-0000-4133	COMPENSATED ABSENCES	(12,498)	9,502	24,509	-	-	0%	-
070-381-0000-4134	LONG TERM DISABILITY INSURANCE	438	502	1,039	1,935	120	6%	2,123
070-381-0000-4136	OPTICAL INSURANCE	2,434	2,298	2,733	1,173	1,270	108%	577
070-381-0000-4138	LIFE INSURANCE	694	700	877	1,086	467	43%	216
070-381-0000-4140	WELLNESS BENEFIT	-	-	150	150	-	0%	-
070-381-3689-XXXX	COVID-19 GLOBAL OUTBREAK	-	2,844	-	-	-	0%	-
Personnel Costs		983,807	1,075,643	1,414,313	1,569,041	708,232	45.14%	542,528
070-381-0000-4210	UTILITIES	230	99	621	-	4	0%	600
070-381-0000-4260	CONTRACTUAL SERVICES	1,993	25,179	11,281	55,960	5,711	10%	50,000
070-381-0000-4270	PROFESSIONAL SERVICES	47,091	43,905	46,131	134,522	121,989	91%	45,000
070-381-0000-4290	OFFICE EQUIPMENT MAINTENANCE	720	-	-	-	-	0%	1,000
070-381-0000-4300	DEPARTMENT SUPPLIES	2,444	4,197	2,496	3,000	347	12%	3,000
070-381-0000-4320	DEPARTMENT EQUIPMENT MAINT	1,415	-	-	1,500	-	0%	1,500
070-381-0000-4325	UNIFORM ALLOWANCE	-	-	-	-	-	0%	-
070-381-0000-4330	BUILDING MAINTENANCE & REPAIRS	-	-	-	-	-	-	-
070-381-0000-4360	PERSONNEL TRAINING	2,380	1,580	1,960	3,000	1,470	49%	3,000
070-381-0000-4370	MEETINGS, MEMBERSHIPS & TRAVEL	286	767	1,702	3,000	1,416	47%	3,000
070-381-0000-4380	SUBSCRIPTIONS DUES & MMBRSHIPS	-	55	1,547	7,540	3,511	47%	7,550
070-381-0000-4390	MILEAGE REIMBURSEMENT	903	903	764	900	185	21%	900
070-381-0000-4400	VEHICLE OPERATION & MAINT	930	1,514	1,005	675	600	89%	1,000
070-381-0000-4402	FUEL	797	1,080	917	450	642	143%	1,000
070-381-0000-4405	INTEREST EXPENSE	5,304	3,601	(8,093)	9,656	-	0%	9,656
070-381-0000-4429	PRINCIPAL	-	-	-	143,734	-	0%	-
070-381-0000-4430	ACTIVITIES AND PROGRAMS	6,376	3,000	3,840	7,000	-	0%	6,500
070-381-0000-4450	OTHER EXPENSE	49,485	46,203	48,463	55,404	23,869	43%	55,000
070-381-0000-4480	COST ALLOCATION	520,072	520,068	607,954	607,954	371,523	61%	684,534
070-381-0450-4260	CONTRACTUAL SERVICES	-	-	-	6,453	-	0%	6,453
070-381-0450-4300	DEPARTMENT SUPPLIES	-	-	-	-	-	0%	-
Operations & Maintenance Costs		647,409	652,151	720,589	1,040,748	531,267	51%	879,693
070-381-0000-4706	LIABILITY CHARGE	-	73,944	102,144	133,959	66,981	50%	26,105
070-381-0320-4741	EQUIP MAINT CHARGE	76,134	24,504	39,228	3,920	16,560	422%	3,227
070-381-0000-4741	EQUIP REPLACEMENT CHARGE	30,183	30,180	33,120	33,117	1,962	6%	33,117
070-381-0000-4743	FACILITY MAINTENANCE CHARGE	104,664	87,360	135,156	144,062	72,031	50%	29,747
Internal Service Charges		210,981	215,988	309,648	315,058	157,534	50%	92,196
070-381-0000-4901	TRANSFER TO GENERAL FUND	60,000	60,000	60,000	60,000	30,000	50%	60,000
070-381-0000-4906	TRANSFER TO SELF-INSURANCE FND	60,000	60,000	60,000	60,000	30,000	50%	60,000
070-381-0000-4918	TRANSFER TO RETIREMENT FUND	-	-	-	-	-	0%	-
070-381-0000-4943	TRANSFER TO FACILITY MAINT. FND	-	20,004	20,004	-	-	0%	25,000
Transfers		120,000	140,004	140,004	120,000	60,000	50%	145,000
Division Total		1,962,197	2,083,785	2,584,554	3,044,847	1,457,033	48%	1,659,417

WATER FUND - UTILITY BILLING**FUND NO. 70-382****DIVISION OVERVIEW**

The Utility Billing Division provides customer service and utility billing for water, sewer, fire service, and hydrants on private property. Meters are read and customers are billed every two months. Water meters are read using an automated system including a hand-held meter reader, computer, and software interfaced with our computer system.

The Division also prepares notices for delinquent accounts. Accounts not paid in the month in which the bills are issued become delinquent. Staff prepares and mails a second bill to overdue accounts with notification of turn-off policies if charges are not paid in full by the third week of the month in which they became delinquent. Approximately three working days before a scheduled turn-off date, a final notice is delivered by messenger to every unit on the premises.

MAJOR PROJECTS/PROGRAMS

- Pursue Low Income Household Financial Assistance Programs to assist financially with delinquent account.

Dept: Public Works/Water Fund
Div: Utility Billing

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
070-382-0000-4101 SALARIES-PERMANENT EMPLOYEES	99,118	103,077	99,495	103,625	52,261	50%	173,713
070-382-0000-4103 WAGES-TEMPORARY & PART-TIME	-	-	-	-	-	0%	-
070-382-0000-4105 OVERTIME	469	867	1,036	-	92	0%	-
070-382-0000-4120 O.A.S.D.I.	7,619	7,952	7,691	7,824	4,005	51%	13,290
070-382-0000-4124 RETIREMENT	21,325	22,342	23,606	22,848	12,613	55%	33,607
070-382-0000-4126 HEALTH INSURANCE	28,827	27,603	27,765	33,447	13,909	42%	60,389
070-382-0000-4128 DENTAL INSURANCE	2,544	2,475	2,475	2,475	1,176	48%	1,888
070-382-0000-4129 RETIREE HEALTH SAVINGS	-	-	-	-	-	0%	576
070-382-0000-4130 WORKER'S COMPENSATION INS.	1,570	1,640	1,588	1,617	827	51%	7,963
070-382-0000-4134 LONG TERM DISABILITY INSURANCE	58	-	-	-	-	0%	-
070-382-0000-4136 OPTICAL INSURANCE	478	460	460	460	230	50%	630
070-382-0000-4138 LIFE INSURANCE	143	142	158	135	70	52%	208
Personnel Costs	162,151	166,559	164,275	172,431	85,183	49%	292,264
070-382-0000-4260 CONTRACTUAL SERVICES	8,728	8,989	9,368	10,000	9,707	97%	10,000
070-382-0000-4270 PROFESSIONAL SERVICES	-	-	-	2,500	-	0%	500
070-382-0000-4280 OFFICE SUPPLIES	-	-	-	-	-	0%	-
070-382-0000-4300 DEPARTMENT SUPPLIES	15,463	10,949	15,462	15,000	11,187	75%	15,000
070-382-0000-4320 DEPARTMENT EQUIPMENT MAINT	1,302	1,302	-	2,000	-	0%	2,000
070-382-0000-4390 MILEAGE REIMBURSEMENT	-	-	-	-	-	0%	-
070-382-0000-4400 VEHICLE OPERATION & MAINT	1,467	1,612	1,081	2,000	582	29%	2,000
070-382-0000-4402 FUEL	6,320	7,711	5,868	4,000	2,133	53%	4,000
070-382-0000-4455 BAD DEBTS EXPENSE	110,769	79,315	263,370	25,000	-	0%	25,000
Operations & Maintenance Costs	144,049	109,878	295,148	60,500	23,609	39%	58,500
070-382-0000-4706 LIABILITY CHARGE	-	9,240	11,100	14,007	7,002	50%	14,101
070-382-0320-4741 EQUIP MAINT CHARGE	-	-	-	8,398	-	0%	6,455
070-382-0000-4741 EQUIP REPLACEMENT CHARGE	-	-	-	-	-	0%	-
070-382-0000-4743 FACILITY MAINTENANCE CHARGE	31,012	25,884	18,864	18,391	9,197	50%	28,632
Internal Service Charges	31,012	35,124	29,964	40,796	16,199	40%	49,188
Division Total	337,211	311,561	489,387	273,727	124,991	46%	399,952

WATER FUND – DISTRIBUTION**FUND NO. 70-383****DIVISION OVERVIEW**

The Water Distribution Division is responsible for providing water services to all City residents and businesses in sufficient quantities to meet domestic and fire service demands. This includes maintenance of approximately 66.5 miles of water mains, 5,264 water services and 548 fire hydrants. The Division is also responsible for installing new domestic services and new fire protection services ordered by customers.

MAJOR PROJECTS/PROGRAMS

- Repair leaks on City's water mains
- Replace or install new water services
- Repair and maintain City's fire hydrant
- Conduct annual valve exercising program of approximately 1600 water system valves
- Testing backflow devices per City's backflow and cross-connection program

Dept: Public Works/Water Fund
Div: Water Distribution

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2024 Proposed
070-383-0000-4101 SALARIES-PERMANENT EMPLOYEES	-	-	-	-	-	0%	288,758
070-383-0000-4105 OVERTIME	-	-	-	-	-	0%	-
070-383-0000-4112 TEMP. NON-EMPLOYEE WAGES	-	-	-	-	-	0%	-
070-383-0000-4120 O.A.S.D.I.	-	-	-	-	-	0%	22,090
070-383-0000-4124 RETIREMENT	-	-	-	-	-	0%	53,500
070-383-0000-4126 HEALTH INSURANCE	-	-	-	-	-	0%	73,953
070-383-0000-4127 RETIRED EMP. HEALTH INS.	-	-	-	-	-	0%	-
070-383-0000-4128 DENTAL INSURANCE	-	-	-	-	-	0%	2,312
070-383-0000-4129 RETIREE HEALTH SAVINGS	-	-	-	-	-	0%	1,464
070-383-0000-4130 WORKER'S COMPENSATION INS.	-	-	-	-	-	0%	28,876
070-383-0000-4134 LONG TERM DISABILITY INSURANCE	-	-	-	-	-	0%	-
070-383-0000-4136 OPTICAL INSURANCE	-	-	-	-	-	0%	771
070-383-0000-4138 LIFE INSURANCE	-	-	-	-	-	0%	288
Personnel Costs	-	-	-	-	-	0%	472,012
070-383-0000-4260 CONTRACTUAL SERVICES	4,797	19,991	30,068	22,000	840	4%	22,000
070-383-0000-4270 PROFESSIONAL SERVICES	2,200	1,154	2,460	4,000	-	0%	4,000
070-383-0000-4280 OFFICE SUPPLIES	-	-	-	-	-	-	-
070-383-0000-4300 DEPARTMENT SUPPLIES	304	2,991	5,797	6,700	1,616	24%	6,700
070-383-0000-4310 EQUIPMENT AND SUPPLIES	9,681	67,177	212,025	77,000	10,391	13%	77,000
070-383-0000-4320 DEPARTMENT EQUIPMENT MAINT	198	138	-	-	-	0%	-
070-383-0000-4330 BLDG MAINT & REPAIRS	89	-	-	-	-	0%	-
070-383-0000-4340 SMALL TOOLS	2,087	2,395	1,686	2,500	2,767	111%	2,500
070-383-0000-4360 PERSONNEL TRAINING	-	-	-	-	-	0%	-
070-383-0000-4400 VEHICLE OPERATION & MAINT	3,962	3,840	10,340	23,400	16,349	70%	23,400
070-383-0000-4402 FUEL	8,211	11,894	15,330	9,000	5,733	64%	9,000
070-383-0301-4300 PW MAINT. & REPAIR SUPPLIES	59,231	-	-	-	-	0%	-
070-383-3689-4310 COVID-19 GLOBAL OUTBREAK	168	-	-	-	-	0%	-
Operations & Maintenance Costs	90,929	109,580	277,706	144,600	37,697	26%	144,600
070-383-0000-4500 CAPITAL EQUIPMENT	-	-	-	-	-	0%	-
070-383-0000-4600 CAPITAL PROJECTS	-	-	-	-	-	0%	-
Capital Costs	-	-	-	-	-	0%	-
070-383-0000-4706 LIABILITY CHARGE	-	-	-	-	-	0%	22,816
070-384-0000-4741 EQUIP REPLACEMENT CHARGE	-	-	-	-	-	0%	3,227
070-383-0000-4743 FACILITY MAINTENANCE CHARGE	-	-	-	-	-	0%	-
070-383-0320-4741 EQUIP MAINT CHARGE	-	-	-	67,180	33,588	50%	39,539
Internal Service Charges	-	-	-	67,180	33,588	50%	65,582
Division Total	90,929	109,580	277,706	211,780	71,285	34%	682,194

WATER FUND – PRODUCTION**FUND NO. 70-384****DIVISION OVERVIEW**

The Water Production Division is responsible for all operations and maintenance of the City's four wells, three booster pump stations, four reservoirs and two pressure regulation stations and the Supervisory Control and Data Acquisition (SCADA). All the wells are in the Sylmar area with power being supplied by the Los Angeles Department of Water and Power (LADWP) and two pressure regulation stations located within City limits are supplied by Southern California Edison (SCE). Imported water is purchased from Metropolitan Water District (MWD) of Southern California to supplement the local ground water supplies on an "as needed" basis. There are also two emergency connections from LADWP water systems.

MAJOR PROJECTS/PROGRAMS

- Conduct annual Water Well Meter Testing for accuracy
- Daily and other required EPA & State Lab Water Sampling
- Coordinate operation of water quality treatment system to treat groundwater
- Continuous water quality monitoring
- Dead End Flushing Program
- Conduct Reservoir cleaning and inspections
- Conduct Monthly Groundwater Level monitoring
- Upgrade SCADA Mars radio system to improve SCADA communication for reliability

Dept: Public Works/Water Fund

Div: Water Production

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
070-384-0000-4101 SALARIES-PERMANENT EMPLOYEES	-	-	-	-	-	0%	316,866
070-384-0000-4120 O.A.S.D.I.	-	-	-	-	-	0%	24,241
070-384-0000-4124 RETIREMENT	-	-	-	-	-	0%	51,268
070-384-0000-4126 HEALTH INSURANCE	-	-	-	-	-	0%	94,753
070-384-0000-4128 DENTAL INSURANCE	-	-	-	-	-	0%	2,962
070-384-0000-4129 RETIREE HEALTH SAVINGS	-	-	-	-	-	0%	2,364
070-384-0000-4130 WORKER'S COMPENSATION INS.	-	-	-	-	-	0%	31,687
070-384-0000-4136 OPTICAL INSURANCE	-	-	-	-	-	0%	988
070-384-0000-4138 LIFE INSURANCE	-	-	-	-	-	0%	333
Personnel Costs	-	-	-	-	-	0%	525,462
070-384-0000-4210 UTILITIES	488,685	470,465	357,290	350,000	140,294	40%	300,000
070-384-0000-4220 TELEPHONE	20,674	21,511	21,857	20,000	9,275	46%	20,000
070-384-0000-4250 RENTS AND LEASES	149	169	-	-	-	0%	-
070-384-0000-4260 CONTRACTUAL SERVICES	122,583	98,456	105,101	234,000	51,167	22%	234,000
070-384-0000-4300 DEPARTMENT SUPPLIES	35,138	54,527	77,531	116,952	21,079	18%	260,000
070-384-0000-4310 EQUIPMENT AND SUPPLIES	4,506	4,422	5,240	20,000	8,293	41%	20,000
070-384-0000-4320 DEPARTMENT EQUIPMENT MAINT	6,048	4,889	4,425	5,000	653	13%	5,000
070-384-0000-4330 BLDG MAINT & REPAIRS	8,417	5,422	5,276	6,500	829	13%	6,500
070-384-0000-4340 SMALL TOOLS	900	359	445	1,000	590	59%	1,000
070-384-0000-4360 PERSONNEL TRAINING	420	-	520	1,000	285	29%	1,000
070-384-0000-4370 MEETINGS, MEMBERSHIPS & TRAVEL	459	-	-	1,075	-	0%	-
070-384-0000-4400 VEHICLE OPERATION & MAINT	1,681	1,133	1,446	3,000	287	10%	3,000
070-384-0000-4402 FUEL	2,845	4,393	6,561	3,000	2,575	86%	3,000
070-384-0000-4430 ACTIVITIES AND PROGRAMS	-	-	-	1,500	-	0%	1,500
070-384-0000-4450 OTHER EXPENSE	-	589,838	981,690	1,085,310	355,310	33%	-
070-384-0301-4300 PW MAINT. & REPAIR SUPPLIES	6,558	-	-	-	-	0%	-
070-384-0857-4260 NITRATE REMOVAL SYSTEM	94,882	111,550	112,474	207,400	43,381	21%	200,000
Operations & Maintenance Costs	793,944	1,367,134	1,679,854	2,055,737	634,017	31%	1,055,000
070-384-0000-4706 LIABILITY CHARGE	-	-	-	-	-	0%	25,851
070-384-0000-4741 EQUIP REPLACEMENT CHARGE	-	-	-	-	-	0%	3,227
070-384-0000-4743 FACILITY MAINTENANCE CHARGE	-	-	-	-	-	0%	-
070-384-0320-4741 EQUIP MAINT CHARGE	-	-	-	-	-	0%	45,737
Internal Service Charges	-	-	-	-	-	0%	74,815
Division Total	793,944	1,367,134	1,679,854	2,055,737	634,017	31%	1,655,277

WATER FUND – CAPITAL PROJECTS**FUND NO. 70-385****DIVISION OVERVIEW**

Capital Projects is used to account for, track, and manage capital improvements to the City's water system. Fiscal Year (FY) 2023-2024 was the completion of the Upper Reservoir Replacement Project and completion of a new Ion Exchange (IX) Nitrate Removal Treatment System at Well 3. A new pump and motor assembly was installed at Well 3.

In FY2023-2024, June 2024 construction was completed on the Upper Reservoir.

In FY 2024-2025, the design will begin on the Well 2A Nitrate Removal Treatment System project.

MAJOR PROJECTS/PROGRAMS

- Water Main Replacement – Replacement of deteriorated water mains in conjunction with street resurfacing projects
- Water Meter Replacement Program
- Water Service Replacement (on an as-needed basis)
- Fire Hydrant Repair (on an as-needed basis due to knockdowns)
- Upper Reservoir Replacement Project
- Ion Exchange Nitrate Removal Treatment System – Well 2A
- Implement an Automatic Meter Reading system for meters in hard access locations such as easements in the alleys.

Dept: Public Works/Water Fund

Div: Water Capital Projects

Account Number & Title		2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
070-385-0716-4101	UPPER RESERVOIR REPLACEMENT-DWR	-	-	1,285	-	380	0%	-
070-385-0716-4120	UPPER RESERVOIR REPLACEMENT-DWR	-	-	98	-	29	0%	-
070-385-0716-4124	UPPER RESERVOIR REPLACEMENT-DWR	-	-	241	-	102	0%	-
070-385-0716-4130	UPPER RESERVOIR REPLACEMENT-DWR	-	-	67	-	28	0%	-
Personnel Costs		-	-	1,691	-	539	0%	-
070-385-0000-4260	CONTRACTUAL SERVICES	11,146	4,875	1,062	-	5,023	0%	-
070-385-0000-4270	PROFESSIONAL SERVICES	83,388	19,015	75	-	-	0%	-
070-385-0000-4320	DEPT EQUIP. MAINTENANCE	3,903	98,145	-	-	-	0%	-
070-385-0000-4500	CAPITAL EQUIPMENT	-	36,738	(0)	-	-	0%	-
070-385-0000-4600	CAPITAL PROJECTS	-	602	-	-	-	0%	200,000
070-385-0178-4600	CAPITAL PROJECTS	-	-	-	-	-	0%	-
070-385-0178-4600	CAPITAL PROJECTS	-	-	-	-	-	0%	-
070-385-0560-4600	CP-STREET RESURFACING PROGRAM	-	(0)	0	17,971	-	0%	-
070-385-0635-4600	WATER MAIN REPLACEMENT	-	-	-	-	-	0%	-
070-385-0700-4500	CP-WTR MTR REPLACEMENT	-	-	-	-	-	0%	-
070-385-0700-4600	CP-WTR MTR REPLACEMENT	69,764	22,118	72,801	81,203	12,398	15%	85,000
070-385-0701-4500	CP-FIRE HYDRANT UPGRADE	-	-	-	-	-	0%	-
070-385-0701-4600	CP-FIRE HYDRANT UPGRADE	25,889	9,924	3,049	40,000	25,270	63%	50,000
070-385-0716-4600	UPPER RESERVOIR REPL PROJ	-	0	22,788	2,238,810	62,467	3%	-
070-385-0763-4600	CP-STORMWATER INFILTRATION PROJECT	-	-	-	-	-	0%	-
070-385-0763-4615	LAND ACQUISITION	-	-	-	-	-	0%	-
070-385-0765-4932	SELF GENERATION INCENTIVE PRG.	-	169,926	-	-	-	0%	-
070-385-0806-4270	13441 FOOTHILL PROPERTY ACQUISITION	8,190	15,850	1,400	-	-	0%	-
070-385-0806-4600	13441 FOOTHILL PROPERTY ACQUISITION	-	-	-	-	-	0%	-
070-385-0806-4405	INTEREST EXPENSE	25,650	23,268	20,900	18,430	9,215	50%	18,430
070-385-0806-4429	PRINCIPAL	-	-	-	130,000	-	0%	130,000
070-385-0857-4270	NITRATE REMOVAL SYSTEM	-	-	-	-	-	0%	-
070-385-0857-4600	NITRATE REMOVAL SYSTEM	-	1,063,472	(1)	-	-	0%	-
070-385-0859-4600	WELL 2A, 3 & LOWER RESERVOIR UPGRADES	-	-	0	-	-	0%	-
070-385-3698-4405	PUBLIC SAFETY RADIOS/BODY CAMERAS	-	3,312	1,696	1,681	-	0%	-
070-385-6673-4600	CP-GLENOAKS RESURFACING PROJECT	-	-	-	-	-	0%	-
Capital Costs		227,930	1,467,243	123,771	2,528,095	114,372	5%	483,430
070-385-0000-4820	DEPRECIATION EXPENSE	721,526	752,986	760,863	625,000	-	0%	-
Depreciation Expense		721,526	752,986	760,863	625,000	-	0%	-
Division Total		949,456	2,220,229	886,325	3,153,095	114,911	4%	483,430

**CITY OF SAN FERNANDO
ENTERPRISE FUNDS
SUMMARY OF REVENUES AND APPROPRIATIONS
FISCAL YEAR 2024-2025**

Fund: Sewer Enterprise Fund

		Beginning Balance:			3,908,052			3,502,633
REVENUE	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
3500-0000	INTEREST INCOME	54,670	42,944	68,762	-	-	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVEST.	(39,578)	(228,084)	(27,147)	-	231,118	0%	-
3745-0000	SEWER SERVICE CHARGES	3,952,029	3,790,433	4,013,744	4,125,000	1,541,262	37%	4,125,000
3810-0000	SEWER COLLECTIONS-MO. BILLS	-	-	-	-	-	0%	-
3820-0000	DELINQUENT PENALTIES	-	-	-	-	-	0%	-
3821-0000	INDUSTRIAL WASTE PERMITS	46,316	33,027	37,452	40,000	20,693	52%	40,000
3840-0000	CAPITAL FACILITY CHARGES	26,741	42,833	37,690	35,729	9,308	26%	35,000
3885-0000	BACKFLOW PREVENTION FEE	-	-	-	-	-	0%	-
3945-0000	BOND/LOAN PROCEEDS	-	-	-	-	-	0%	-
3950-0000	PROPERTY DAMAGE REIMBURSEMENT	-	-	-	-	-	0%	-
3970-0000	TRANS FROM GENERAL FUND	-	-	-	-	-	0%	-
3996-0000	TRANS FROM OPERATING GRANT FUND	-	93,559	-	-	-	0%	-
3978-0000	TRANS FROM RETIREMENT TAX FUND	-	-	-	-	-	0%	-
Total Revenue		4,040,178	3,774,711	4,130,502	4,200,729	1,802,381	43%	4,200,000
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
072-110	Sewer Attorney	-	-	399	1,000	-	0%	1,500
072-180	Sewer Retirement	(481,342)	1,715,460	(1,164,933)	471,192	143,885	31%	290,623
072-360	Sewer Maintenance	2,450,061	2,583,441	2,804,975	2,709,669	697,510	26%	3,237,576
072-365	Sewer Capital Projects	1,089,151	1,100,735	964,974	1,424,287	850,300	60%	2,595,000
Total Appropriations		3,057,870	5,399,636	2,605,415	4,606,148	1,691,696	37%	6,124,699
ANNUAL SURPLUS/DEFICIT		982,308	(1,624,925)	1,525,087	(405,419)	110,685	-27%	(1,924,699)
Ending Balance:					3,502,633			1,577,934

SEWER FUND – SEWER MAINTENANCE**FUND NO. 72-360****DIVISION OVERVIEW**

The Sewer Maintenance Division performs maintenance of the City's sanitary sewer system by scheduled routine cleaning of sewer main lines and manholes. The sewer system is made up of approximately 40 miles (211,200 linear feet) of mains and over 800 manholes. The City contracts with the City of Los Angeles for sewage treatment and disposal. Since 1985, the City has contracted with the County of Los Angeles for the enforcement of the City's Industrial Waste Program. Industrial waste permit fees cover the cost of this program.

MAJOR PROJECTS/PROGRAMS

- Inspection – Closed Captioned Television Inspection, Root Clearing of Sewer System.
- Maintenance Repairs – Point Repairs (i.e. sewer pipe lining, replacement) to alleviate maintenance problems at locations where maintenance problems exist or that have hydraulic deficiencies; Perform inflow/infiltration analysis to determine areas that need additional repairs to limit water infiltration into the sewer system.
- Sewer Cleaning – Maintenance of sewer system through use of City's sewer combination truck and trained and certified staff.

Dept: Public Works/Sewer Fund

Div: Sewer Maintenance

Account Number & Title		2021	2022	2023	2024	As of	2024	2025
		Actual	Actual	Adjusted	Adjusted	12/31/2023	% Used	Proposed
072-180-0000-4123	OPEB EXPENSE GASB 75	(341,490)	(183,973)	(1,038,944)	150,000	-	0%	-
072-180-0000-4124	RETIREMENT	140,934	2,543,818	20,963	200,000	-	0%	164,698
072-180-0000-4125	PENSION EXPENSE GASB 68	(308,628)	(735,320)	(225,986)	-	-	0%	-
072-180-0000-4127	RETIRED EMP. HEALTH INS.	27,841	56,582	53,319	50,000	25,121	50%	55,000
072-180-0000-4265	ADMINISTRATIVE EXPENSE	-	22,828	540	-	-	0%	-
072-360-0000-4101	SALARIES-PERMANENT EMPLOYEES	379,544	411,613	284,022	308,125	134,143	44%	403,710
072-360-0000-4103	WAGES-TEMPORARY & PART-TIME	11,852	19	156	28,096	788	3%	-
072-360-0000-4105	OVERTIME	8,874	17,014	6,160	-	1,274	0%	-
072-360-0000-4120	O.A.S.D.I.	30,690	32,221	21,509	25,331	10,187	40%	29,684
072-360-0000-4124	RETIREMENT	63,313	71,853	49,546	52,662	27,262	52%	70,002
072-360-0000-4126	HEALTH INSURANCE	86,511	103,040	64,587	94,851	25,071	26%	71,031
072-360-0000-4127	RETIRED EMP. HEALTH INS.	-	-	-	-	-	0%	-
072-360-0000-4128	DENTAL INSURANCE	6,985	7,196	5,389	2,492	1,706	68%	2,220
072-360-0000-4129	RETIREE HEALTH SAVINGS	3,348	2,960	1,690	3,600	775	22%	2,700
072-360-0000-4130	WORKER'S COMPENSATION INS.	27,796	38,729	20,272	33,341	13,629	41%	29,484
072-360-0000-4133	COMPENSATED ABSENCES	-	5,939	(33,651)	-	-	0%	-
072-360-0000-4134	LONG TERM DISABILITY INSURANCE	496	878	531	334	164	49%	843
072-360-0000-4136	OPTICAL INSURANCE	1,313	1,484	1,001	530	324	61%	740
072-360-0000-4138	LIFE INSURANCE	396	421	386	437	106	24%	360
072-360-0000-4140	WELLNESS BENEFIT	-	-	150	-	-	0%	-
072-360-3689-XXXX	COVID-19 GLOBAL OUTBREAK	1,180	-	-	-	-	0%	-
Personnel Costs		140,957	2,397,301	(768,359)	949,799	240,550	25%	830,472
072-110-0000-4270	PROFESSIONAL SERVICES	-	-	399	1,000	-	0%	1,500
072-180-0872-4405	PENSION OBLIGATION BONDS-INT.	-	11,525	25,175	30,692	43,765	143%	30,426
072-180-0872-4429	PENSION OBLIGATION BONDS-PRINC.	-	-	-	40,500	75,000	185%	40,500
072-360-0000-4210	UTILITIES	230	199	621	500	11	2%	850
072-360-0000-4220	TELEPHONE	1,977	1,727	2,372	2,000	1,207	60%	3,200
072-360-0000-4250	RENTS AND LEASES	-	-	753	6,300	622	10%	6,300
072-360-0000-4260	CONTRACTUAL SERVICES	39,751	119,138	126,307	238,901	72,791	30%	141,401
072-360-0629-4260	CONTRACTUAL SERVICES	1,152,431	1,078,499	1,450,565	1,200,000	-	0%	1,585,000
072-360-0000-4270	PROFESSIONAL SERVICES	4,244	4,513	18,393	26,138	4,438	17%	101,890
072-360-0000-4280	OFFICE SUPPLIES	-	2,317	-	-	-	0%	1,700
072-360-0000-4290	OFFICE EQUIPMENT MAINTENANCE	-	2,674	2,061	3,680	2,239	61%	3,680
072-360-0000-4300	DEPARTMENT SUPPLIES	22,258	20,311	28,957	27,922	16,942	61%	27,950
072-360-0000-4310	EQUIPMENT AND SUPPLIES	7,040	9,549	5,093	6,900	3,263	47%	6,900
072-360-0000-4320	DEPARTMENT EQUIPMENT MAINT	1,302	1,302	1,302	3,500	1,302	37%	3,500
072-360-0000-4325	UNIFORM ALLOWANCE	-	-	-	400	400	100%	3,600
072-360-0000-4340	SMALL TOOLS	3,360	4,942	4,998	5,000	-	0%	5,000
072-360-0000-4360	PERSONNEL TRAINING	-	1,042	2,248	5,000	319	6%	5,000
072-360-0000-4390	VEHICLE ALLOW & MAINT	902	902	764	900	185	21%	900
072-360-0000-4400	VEHICLE OPERATION & MAINT	1,777	1,812	7,400	5,000	1,000	20%	6,500
072-360-0000-4402	FUEL	2,923	3,350	6,126	-	1,097	0%	4,000
072-360-0000-4405	INTEREST EXPENSE	1,738	1,738	1,738	1,738	-	0%	1,738
072-360-0000-4450	OTHER EXPENSE	36,953	59,987	79,090	86,400	86,400	100%	86,000
072-360-0000-4455	BAD DEBTS EXPENSE	62,154	16,595	149,455	-	-	0%	25,000
072-360-0000-4480	COST ALLOCATION	299,436	330,036	327,730	327,730	185,432	57%	376,294
072-360-0301-4300	PW MAINT. & REPAIR SUPPLIES	5,453	-	-	3,000	-	0%	-
072-360-3698-4405	PUBLIC SAFETY RADIOS/BODY CAMERAS	-	2,738	1,389	-	-	0%	-
Operations & Maintenance Costs		1,643,928	1,674,896	2,242,936	2,023,201	496,412	25%	2,468,829

Dept: Public Works/Sewer Fund
Div: Sewer Maintenance

Account Number & Title	2021 Actual	2022 Actual	2023 Adjusted	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
072-360-0000-4706 LIABILITY CHARGE	-	53,496	31,416	82,940	41,470	50%	29,481
072-360-0320-4741 EQUIP MAINT CHARGE	23,426	7,536	11,760	11,759	5,880	50%	12,910
072-360-0000-4741 EQUIP REPLACEMENT CHARGE	11,250	11,256	11,256	11,250	5,628	50%	17,750
072-360-0000-4743 FACILITY MAINTENANCE CHARGE	89,158	74,412	31,428	42,912	21,456	50%	55,777
Internal Service Charges	123,834	146,700	85,860	148,861	74,434	50%	115,918
072-360-0000-4500 CAPITAL EQUIPMENT	-	-	-	-	-	0%	29,481
Capital Costs	-	-	-	-	-	0%	29,481
072-360-0000-4901 TRANSFER TO GENERAL FUND	60,000	60,000	60,000	60,000	30,000	50%	60,000
072-360-0000-4943 TRANSFER TO FACILITY MAINT. FUND	-	20,004	20,004	-	-	0%	25,000
Transfers	60,000	80,004	80,004	60,000	30,000	50%	85,000
Division Total	1,968,719	4,298,901	1,640,441	3,181,861	841,396	26%	3,529,699

SEWER FUND – CAPITAL PROJECTS**FUND NO. 72-365****DIVISION OVERVIEW**

The Capital Projects Division is used to account for, track, and manage capital improvements to the City's sanitary sewer system.

MAJOR PROJECTS/PROGRAMS

- City-Wide Sewer Closed Circuit Television Project - Conduct CCTV on entire 40 miles of City sewer lines to collect data on the health of the sewer system which is required prior to preparing a Sanitary Sewer Master Plan (SSMP).
- Sewer Replacement Project – Replace deteriorated sewer pipes identified as needing urgent attention after completion of the City-wide CCTV Project.
- System Design – The development of hydraulic models and design plans to meet capacity deficiencies and accommodate future growth.
- SSMP – Complete an SSMP to develop a five year sewer system maintenance/repair/replacement plan and for use in utility user fee study.

Dept: Public Works/Sewer Fund
Div: Sewer Capital Projects

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
072-365-0000-4260 CONTRACT SERVICES	1,300	21,747	3,253	-	-	0%	500,000
072-365-0000-4300 DEPARTMENT SUPPLIES	-	-	-	-	-	0%	-
Operations & Maintenance	1,300	21,747	3,253	-	-	0%	500,000
072-365-0000-4600 CAPITAL PROJECTS	-	-	-	-	-	0%	995,000
072-365-0560-4600 CAPITAL PROJECTS	-	(0)	0	156,279	-	0%	-
072-365-0629-4600 CAPITAL PROJECTS	928,631	819,340	726,992	1,018,008	850,300	84%	850,000
Capital Projects	928,631	819,339	726,993	1,174,287	850,300	72%	1,845,000
072-365-0000-4820 DEPRECIATION EXPENSE	159,220	231,328	234,728	250,000	-	0%	250,000
Depreciation Expense	159,220	231,328	234,728	250,000	-	0%	250,000
072-365-0765-4932 HVAC SYSTEM FOR PD FACILITY	-	28,321	-	-	-	0%	-
Transfers	-	28,321	-	-	-	0%	-
Division Total	1,089,151	1,100,735	964,974	1,424,287	850,300	60%	2,595,000

**CITY OF SAN FERNANDO
ENTERPRISE FUNDS
SUMMARY OF REVENUES AND APPROPRIATIONS
FISCAL YEAR 2024-2025**

Fund: Refuse Fund

		Beginning Balance:			43,120		43,120	
REVENUE		2021	2022	2023	2024	As of	2024	2025
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3500-0000	INTEREST INCOME	511	1,533	862	-	-	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVEST.	(510)	(8,143)	(522)	-	2,628	0%	-
3682-0350	BEV CNTNR & LTTR REDUCTION	114	-	(6,530)	-	-	0%	-
3755-0000	REFUSE COLLECTION FEES	-	-	-	-	-	0%	-
3760-0000	RECYCLING PROGRAM FEES	-	-	-	-	-	0%	-
3820-0000	DELINQUENT PENALTIES	-	-	-	-	-	0%	-
3901-0000	MISCELLANEOUS REVENUE	-	-	-	-	-	0%	-
3956-0000	LIQUIDATED DAMAGES	-	-	-	-	-	0%	-
3970-0000	TRANS FROM GENERAL FUND	-	-	-	-	-	0%	-
3978-0000	TRANS FROM RETIREMENT TAX FUND	-	-	-	-	-	0%	-
Total Revenue		115	(6,609)	(6,190)	-	2,628	0%	-
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
073-350	REFUSE	5,960	3,403	3,482	-	487	0%	38,000
Total Appropriations		5,960	3,403	3,482	-	487	0%	38,000
ANNUAL SURPLUS/DEFICIT		(5,845)	(10,013)	(9,672)	-	2,141	0%	(38,000)
Ending Balance:					43,120		5,120	

Dept: Public Works/Refuse Fund

Div: Refuse

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
073-180-0000-4124 RETIREMENT	-	-	-	-	-	0%	-
073-180-0000-4127 RETIRED EMP. HEALTH INS.	689	773	962	-	487	0%	-
073-350-0000-4101 SALARIES-PERMANENT EMPLOYEES	-	-	-	-	-	0%	-
Personnel Costs	689	773	962	-	487	0%	-
073-350-0000-4260 CONTRACTUAL SERVICES	-	-	-	-	-	0%	38,000
073-350-0000-4455 BAD DEBTS EXPENSE	2,642	-	-	-	-	0%	-
Operations & Maintenance Costs	2,642	-	-	-	-	0%	38,000
073-350-0000-4820 DEPRECIATION EXPENSE	2,630	2,630	2,520	-	-	0%	-
Depreciation Expense	2,630	2,630	2,520	-	-	0%	-
Division Total	5,960	3,403	3,482	-	487	0%	38,000

**CITY OF SAN FERNANDO
ENTERPRISE FUNDS
SUMMARY OF REVENUES AND APPROPRIATIONS
FISCAL YEAR 2024-2025**

Fund: Compressed Natural Gas Fund

		Beginning Balance:			104,168		159,742	
REVENUE		2021	2022	2023	2024	As of	2024	2025
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3500-0000	INTEREST INCOME	1,980	1,533	2,328	-	-	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVEST.	(1,215)	(8,143)	780	-	6,317	0%	-
3735-3661	CNG FUELING STATION	135,162	130,516	448,230	169,000	176,521	104%	200,000
3907-0000	REFUND OF EXCISE TAXES	5,748	2,934	2,735	-	3,238	0%	2,750
3987-0000	TRANS FROM EQUIP REPL FUND	-	-	-	-	-	0%	-
Total Revenue		141,676	126,841	454,074	169,000	186,077	110%	202,750
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
	Account Number & Title	Acutal	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
074-320	CNG VEHICLE MAINTENANCE	95,616	164,488	496,034	113,426	105,438	93%	152,532
Total Appropriations		95,616	164,488	496,034	113,426	105,438	93%	152,532
ANNUAL SURPLUS/DEFICIT		46,061	(37,647)	(41,961)	55,574	80,639	145%	50,218
		Ending Balance:			159,742			209,960

COMPRESSED NATURAL GAS FUND**FUND NO. 74-320****DIVISION OVERVIEW**

The Compressed Natural Gas Fund is used to account for, track, and manage the operations of a publicly accessible CNG fueling station.

MAJOR PROJECTS/PROGRAMS

- Regular Maintenance and Compliance programs related to the operation of the CNG fueling station by City Mechanic.

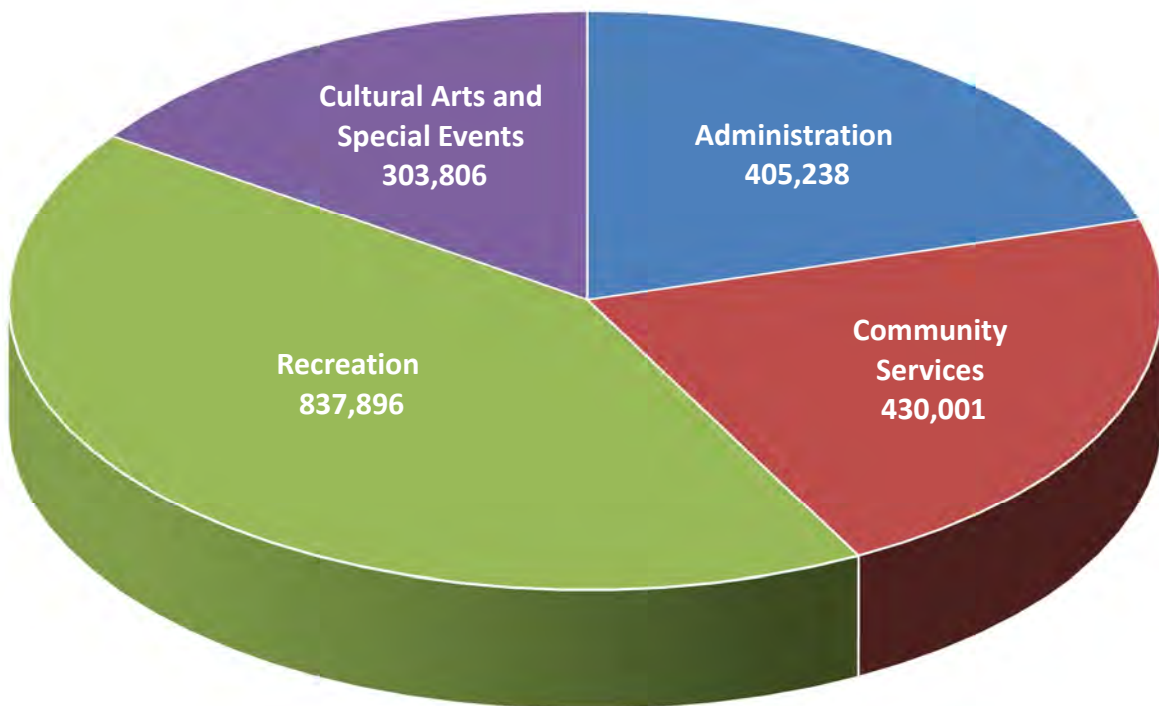
Dept: Public Works/Compressed Natural Gas
Div: Vehicle Maintenance

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
074-320-0000-4101 SALARIES-PERMANENT EMPLOYEES	-	-	-	-	-	0%	7,907
074-320-0000-4120 O.A.S.D.I.	-	-	-	-	-	0%	605
074-320-0000-4124 RETIREMENT	-	-	-	-	-	0%	2,001
074-320-0000-4126 HEALTH INSURANCE	-	-	-	-	-	0%	3,103
074-320-0000-4128 DENTAL INSURANCE	-	-	-	-	-	0%	97
074-320-0000-4130 WORKERS COMPENSATION INS.	-	-	-	-	-	0%	791
074-320-0000-4136 OPTICAL INSURANCE	-	-	-	-	-	0%	33
074-320-0000-4138 LIFE INSURANCE	-	-	3	-	-	0%	9
Personnel Costs	-	-	3	-	-	0%	14,546
074-320-0000-4210 UTILITIES	11,166	52,353	78,619	18,000	25,669	143%	75,000
074-320-0000-4220 TELEPHONE	629	635	640	700	281	40%	700
074-320-0000-4260 CONTRACTUAL SERVICES	5,071	7,477	5,302	27,500	12,499	45%	27,500
074-320-0000-4300 DEPARTMENT SUPPLIES	69	1,368	990	1,000	762	76%	2,300
074-320-0000-4400 VEHICLE OPERATION & MAINT.	3,428	4,482	2,757	5,000	2,339	47%	6,700
074-320-0000-4402 FUEL	48,882	73,244	350,431	40,000	52,368	131%	-
074-320-0000-4435 BANK CHARGES	7,166	7,070	17,130	10,000	6,380	64%	10,000
074-320-0000-4457 EXCISE TAX RETURN	15,540	14,199	38,013	10,000	4,528	45%	-
074-320-0000-4480 COST ALLOCATION	3,665	3,660	-	-	-	0%	13,863
Operations & Maintenance Costs	95,616	164,488	493,883	112,200	104,825	93%	136,063
074-320-0000-4706 LIABILITY CHARGE	-	-	888	-	-	0%	684
074-320-0000-4743 FACILITY MAINTENANCE CHARGE	-	-	1,260	1,226	613	50%	1,239
Internal Service Charges	-	-	2,148	1,226	613	50%	1,923
Division Total	95,616	164,488	496,034	113,426	105,438	93%	152,532

NOTE: This Fund was created in FY 2017-2018. Refer to Fund 041 under Internal Service Funds for prior years.

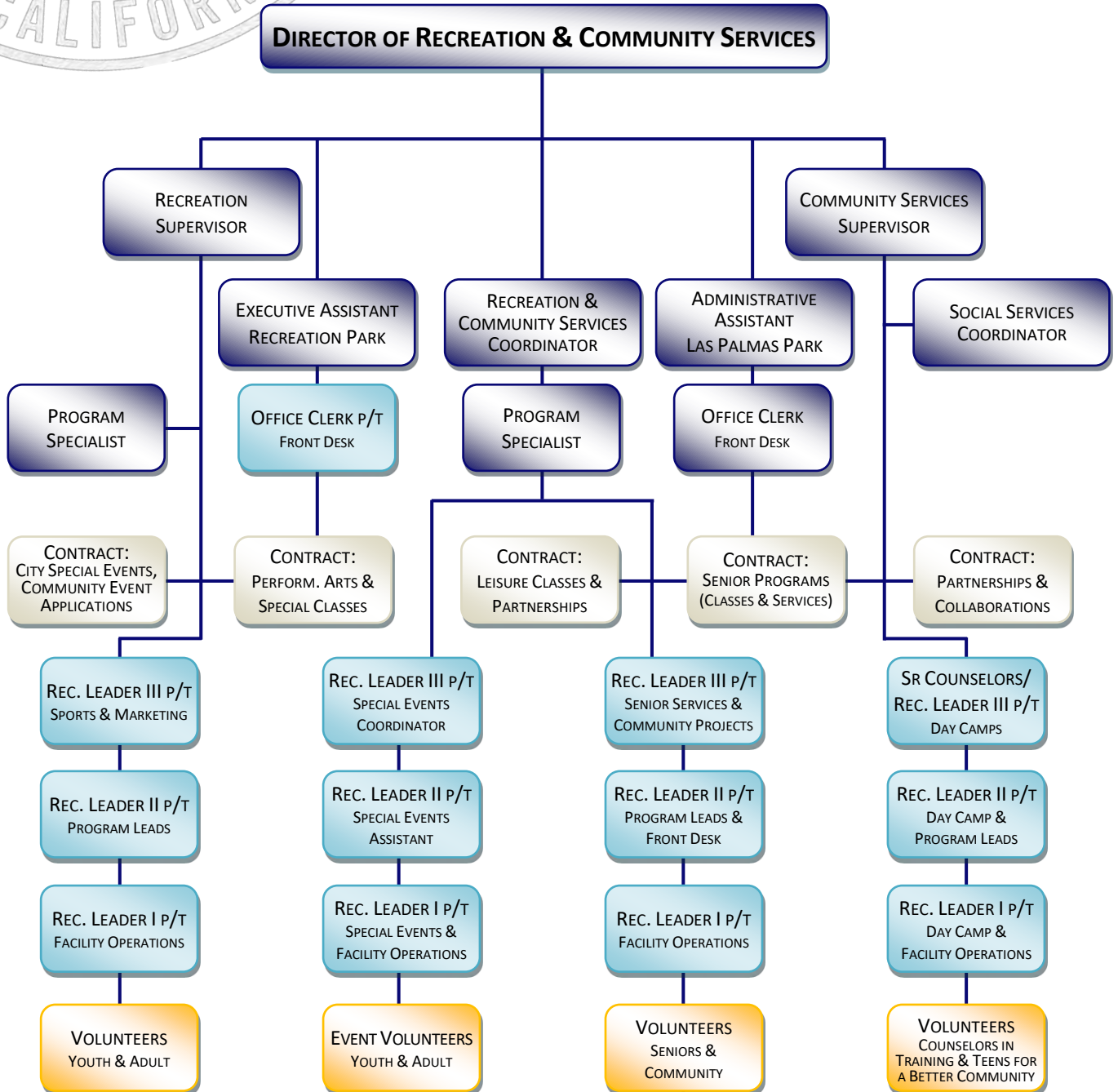
PAGE INTENTIONALLY
LEFT BLANK

RECREATION & COMMUNITY SERVICES DEPARTMENT



THE CITY OF SAN FERNANDO

ORGANIZATIONAL CHART RECREATION & COMMUNITY SERVICES DEPARTMENT FISCAL YEAR 2024-2025



CONTRACT

FULL-TIME

PART-TIME*
(Seasonal)

VOLUNTEER

MISSION STATEMENT

The mission of the Recreation and Community Services (RCS) Department is to develop and implement enriching community, cultural, recreational, and wellness opportunities that foster the overall well-being, personal development, and quality of life of our community. RCS creates programming and collaborations that meets the changing needs of our community and that will continue to make the City of San Fernando a safe and fun place to work, raise a family and succeed in school.

DEPARTMENT OVERVIEW

The Recreation and Community Services Department is comprised of four (4) divisions, which include Administration, Community Services, Recreation, and Cultural Arts/Special Events. Collectively, the Department offers a wide range of experiences to individuals and families in the City of San Fernando while promoting health, wellness and creating a sense of community. Department programming includes the overall coordination for the utilization of all recreation facilities, equipment and staff for youth and adult activities.

Annually, an estimated 250,000 individuals participate in the organized programs facilitated by the Department, and an additional 200,000 people visit park facilities for non-organized activities. Combined, park patrons are approximately 450,000 per year.

ACCOMPLISHMENTS FOR FY 2024-2025

1. Pioneer Park Playground Renovation Project was approved by City Council at the February 5, 2024 meeting. The Department successfully completed the renovation of the Pioneer Park Playground. The project included the installation of new, ADA accessible play equipment, musical instrument elements, new flooring, a fitness station and ample shade sail coverage over the playground area. Staff gathered resident input through community meetings held at Pioneer Park, on the physical playground, and during a Park, Wellness and Recreation Commission meeting to ensure the public had many opportunities to share their vision for the renovation project. (Strategic Goal I.2 & I.5)
2. The Department completed the design phase of the Las Palmas Revitalization Project. City Council awarded the designed contract to the RJM Design Group Inc. on their meeting of January 03, 2023. The final design incorporates the feedback contributed by the community engagement effort during special input meetings held on March 29, April 27 and May 31, 2023. The Las Palmas project is a complete transformation of the park. It renovates the major park amenities like baseball diamonds, fields, lighting, parking lot, and basketball courts. It will add a splash pad, new field lighting, and parking lot improvements. (Strategic Goal I.2 & I.5)
3. The Department developed the San Fernando Park Opportunity Plan identify potential land for new park facilities. The process includes community needs assessments survey, focus groups and stakeholders' meetings. The Study will update the 2018 Park and Recreation Master Plan by listing

ACCOMPLISHMENTS FOR FY 2024-2025

the available land that could be used for new a park facility. The Study also identifies funding sources like grants that may fund a future project. The study lays down the foundation for developing new park space and recreational programming for the next five (5) years. (Strategic Goal I.5)

4. On October 2023, RCS hired a Social Service Coordinator to collaborate with Community Based Organizations and establish a Social Services Focal Point for the San Fernando community. The Focal Point will include but is not limited to Legal Services, Housing Rights Information, Immigration Services, Health Care Education Nutrition and Exercise Services, Public Transportation Information, Home Modifications, Family Caregiver Services, and Volunteer Opportunities. This new position will focus on all of the services mentioned with an emphasis on food security and financial literacy during the first year. (Strategic Goal I.2 & I.5)
5. The Department successfully implemented a variety of activities and hosted special tour nights at the Lopez Adobe, which resulted in increased visitation to the historic site and aligned the tour dates with the San Fernando Outdoor Market in the Downtown Mall to increase exposure. Monthly activities included April Earth Day, May Mental Health Awareness and Meditation, June Pride Concert, July Independence Nachos and Tours, August City's Birthday Celebration, September OktoberFiesta Concert, October Candle Tours and December Santa's Village. (Strategic Goal I.5)
6. The Department developed additional programming for adults and inclusive programming for all ages by reinstating the Adult Basketball League, Coed Softball League and Volleyball open gym. Also, added Pickleball open gym for the general public and hosted holiday themed tournaments. In the process of re-establishing a partnership with a community based organization, Build Ability, to offer access to all-abilities programming. This year, we added Pickleball to our park programming, offering a morning session targeted at Seniors as well as an evening session targeting the general population. People of all abilities have participated, averaging around 10 per session. (Strategic Goal I.5)
7. The Department was not able to complete the objective due to lack of staffing and training. Supervisors had to backfilled programming positions in addition to managing their expected responsibilities which led to prioritization of assignments with a much higher need. As the department continues to grow, managing staff will be able to focus on development of the part-time workforce in the areas of customer service, staff accountability, facility operations and program implementation.
8. The Department will implement a second phase of the Tech Support program that will focus on providing youth homework assistance, access to computers, and a mentoring program. Adults

ACCOMPLISHMENTS FOR FY 2024-2025

18 years and above will also have the opportunity to learn how to navigate new computer technology in workshops facilitated by existing partners and/or staff. (Strategic Goal I.5.6.)

9. Due to the City's infiltration project at Recreation Park, in 2023 the Summer Day Camp program had very limited use of the amenities at Recreation Park. Instead, the program participants were bused to Las Palmas for green space access and other activities. The summer lunch program was operated out of a sub-site at El Cariso Park. This year staff was informed that the County would no longer provide the Summer Lunch Program out of subsites instead providing it out of County libraries. (Strategic Goal I.5)
10. The Department continued to research and identify available funding sources to implement the recommendations identified in the Parks and Recreation Master Plan. Targeted funding sources include the State of California Prop. 68 Per Capita Grant, the County of Los Angeles Measure A grant programs, the National Endowment of the Arts Grant, and the California Arts Council Grant. On December 14, 2023 the Department applied for the Outdoor Equity Grant through the State of California Parks Department. (Strategic Goal I.5., IV.3b & VII.5)
11. In 2021, a Financial Literacy Program was recommended by the Community Development Block Grant (CDBG) Ad Hoc Committee as a component of the Water/Sewer Utility Assistance Program and approved by the City Council. Staff has since identified a program provider, New Economics for Women (NEW), and City Council approved expanding the program with additional class resources. Program dates are being established with an emphasis on budgeting and will initially target customers with outstanding water and/or sewer and trash bills. Workshops are being developed with classes in English and Spanish for the following dates: March 13, March 16, April 18, and May 4. The First time homebuyers workshops will be held on April 13, May 18, and June 15. (Strategic Goal I.5, I.6 & I.7)
12. The RCS Department received a \$70,000 grant from Los Angeles Education Partnership (LAEP) to provide Technology and Education workshops to the community. On the meeting of September 06, 2022 City council approved to receive funds for the grant through the Los Angeles Education Partnership and adopted a resolution appropriating the funds. The grant allowed for the City of San Fernando to purchase laptops and iPads for the participants to use as well as new furniture. Participants were also gifted with USB memory sticks and iPads for them to keep. (Strategic Goal I.5 & I.7)

OBJECTIVES FOR FY 2024-2025

1. The Department will coordinate with Public Works to move the Las Palmas Revitalization Project forward. The Las Palmas project is a complete transformation of the park. It renovates the major

OBJECTIVES FOR FY 2024-2025

park amenities like baseball diamonds, fields, lighting, parking lot, and basketball courts. It will add a splash pad, new field lighting, and parking lot improvements. (Strategic Goal I.2, I.5, VI.2 & VII.5)

2. The Department will continue to create and maintain partnerships and collaborations that will bring resources to our City that directly address food security for our whole community. These collaborations will create city wide food distributions and a location at one of our parks where our community can have access to emergency food when needed. (Strategic Goal I.5)
3. Strengthen the collaborative relationship with Los Angeles County Parks and Recreation currently operating The San Fernando Regional pool. Create partnership opportunities to collaborate on program marketing and staff development. (Strategic Goal I.5)
4. The Department will evaluate the current policy and procedures for the part-time workforce and create a staff management and development plan with a strong focus on external and internal customer service, department cross training and staff development. Staff will make training opportunities available to our workforce through collaborations or contracted services to enhance the work performance of part-time employees. (Strategic Goal I.1 & I.5)
5. The Department will implement a second phase of the Tech Support program that will focus on providing youth homework assistance, access to computers, and a mentoring program. 30 Adults 18 years and above will also have the opportunity to learn how to navigate new computer technology in workshops facilitated by existing partners and/or staff. Workshops for adults will focus on introductory courses such as managing email accounts, managing finances on line and social media (Strategic Goal I.5 & I.6)
6. The Department will continue to research and identify available funding sources to implement the recommendations identified in the Parks and Recreation Master Plan. Possible funding sources include the State of California Prop. 68 Per Capita Grant, the County of Los Angeles Measure A grant programs, the National Endowment of the Arts Grant, and the California Arts Council Grant (Strategic Goal I.5, IV.3b & VII.5)

Proposed Enhancement to Services:

1. Fully fund all City wide special events for their true cost: \$50,000 – Ongoing (Strategic Goal I.5)
This will help get closer to funding the true costs of City wide special events. City wide special events are truly enjoyed by members of our San Fernando Community of all ages. It brings families together to celebrate multiple occasions throughout the year in a safe, fun and engaging atmosphere. It connects services to residents, staff to clients and creates community.

OBJECTIVES FOR FY 2024-2025

2. CPRS Membership & Conference for two RCS fulltime staff: \$3,000 – Ongoing (Strategic Goal I.1 & I.5)
This will be part of keeping two of our fulltime staff up to date on best practices, trainings, workshops and the most recent trends in our industry by having them be connected to other business professionals and also attend the annual California Parks and Recreation Society annual conference.
3. BCRC operations and programs supplies: \$3,000 - Ongoing (Strategic Goal I.1 & I.7)
This will equip the Business & Community Resource Center staff with basic office needs to make sure the service delivery runs uninterrupted.
4. Ice machine for Recreation Park to be utilized for events and programs: \$2,500 - One-Time (Strategic Goal I.5)
This will help both community centers and all activities that require this item in bulk, including special events, senior club dances and meetings, contract classes and youth and adult sports.
5. Las Palmas Staff Professional Development (senior forums and wilderness trainings): \$1,000 - Ongoing (Strategic Goal I.5)
This will help staff with access to training that will be used to put together more effective senior programming and workshops that address present day issues affecting our senior community. It will also help staff with trainings that will allow them to administer programming to meet requirements for grant outdoor activities.

PERFORMANCE MEASURES

ADMINISTRATION DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. No. of Online vs Counter Registration*	882 / 726	566 / 431	1,640 / 2,875	1,700 / 3,000	1,785/3,150
B. No. of Program Hours*	627	755	6,234	6,550	6870
C. No. of Recreation Scholarships Processed	0	0	187	190	200
D. No. of Facility Rental Applications Processed	1	55	467	480	500

* Return to Pre-COVID Service Rate Levels



RECREATION & COMMUNITY SERVICES DEPARTMENT

COMMUNITY SERVICES DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. No. of Senior Meals Served *	0	0	2,133	2,200	2,310
B. No. of Educational & Wellness Seminars Offered through Partnerships w/Community-Based Organizations	18	36	42	42	44
C. No. of Participants In Social Activities	707	795	3,207	3,300	3,465
D. No. of Participants in Summer Camp Programs	N/A	N/A	234	264	280

* Return to Pre-COVID Service Rate Levels

SPECIAL EVENTS DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. No. of City-Sponsored Events Hosted	6	12	14	14	15
B. No. of Non-City Special Events Applications Processed	0	4	15	20	21
C. No. of Visitors at Casa de Lopez Adobe	0	70	72	140	147

RECREATION DIVISION	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Proposed
A. No. of Youth Leagues	0	2	2	3	3
Total Youth Participants	0	296	497	619	650
B. No. of Youth Programs/Activities	0	4	4	5	6
Total Youth Participants	0	705	426	538	564
C. No. of Adult Leagues	0	1	1	4	4
Total Adult Team Participants	0	7	8	20	22
D. No. of Leisure/Contract Classes	0	10	11	12	13
Total Participants	0	634	1,826	2,000	2,100
Holiday Class Pass Participation	0	19	38	45	47

FUNDING SUMMARY FOR FY 2024-2025

SOURCES:

RECREATION & COMM SVCS	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	2025 Proposed
General Revenue	1,254,370	1,327,875	1,581,096	1,832,529	1,901,941
Facility Rental	1,319	30,594	75,000	30,500	75,000
TOTAL FUNDING SOURCES	1,255,689	1,358,469	1,656,096	1,863,029	1,976,941



RECREATION & COMMUNITY SERVICES DEPARTMENT

USES:

		2021	2022	2023	2024	2025
RECREATION & COMM SVCS		Actual	Actual	Actual	Adjusted	Proposed
01-420	Administration	723,152	534,805	481,047	390,461	405,238
01-422	Community Services	113,196	117,395	235,015	319,482	430,001
01-423	Recreation	354,470	523,929	718,698	732,798	837,896
01-424	Special Events	64,871	182,341	221,336	420,288	303,806
TOTAL FUNDING USES		1,255,689	1,358,469	1,656,096	1,863,029	1,976,941

PERSONNEL:

		2021	2022	2023	2024	2025
RECREATION & COMM SVCS		Actual	Actual	Actual	Adjusted	Proposed
Director of Recreation & Comm Svcs.		1.00	1.00	1.00	1.00	1.00
Office Specialist		2.00	0.00	0.00	0.00	0.00
Administrative Assistant		0.00	1.00	1.00	1.00	1.00
Executive Assistant		0.00	1.00	1.00	1.00	1.00
Rec. & Comm Services Supervisor		1.00	1.00	2.00	2.00	2.00
Cultural Arts Supervisor		1.00	0.00	0.00	0.00	0.00
Rec & Comm Services Coordinator		0.00	1.00	1.00	1.00	1.00
Social Services Coordinator		0.00	0.00	1.00	1.00	1.00
Recreation Supervisor		1.00	1.00	0.00	0.00	0.00
Program Specialist		1.75	1.00	2.00	2.00	2.00
Office Clerk		0.00	0.00	0.00	1.00	1.00
Management Intern (FTE)		0.00	0.46	0.46	0.46	0.46
Office Clerk (FTE)		0.00	0.48	0.96	0.46	0.46
Sr Day Camp/After School Counselor (FTE)		2.53	2.53	2.53	2.53	2.53
Day Camp/After School Counselor (FTE)		7.00	7.00	7.00	7.00	7.00
Recreation Leader I (FTE)		4.10	4.10	4.10	4.10	4.10
Recreation Leader II (FTE)		1.00	1.00	1.00	1.00	1.00
Recreation Leader III (FTE)		1.28	1.28	1.28	1.28	1.28
TOTAL REC & COMM SVCS PESONNEL		23.96	23.85	26.33	26.83	26.83



**RECREATION & COMMUNITY
SERVICES - ADMINISTRATION**

DIVISION No. 420

DIVISION OVERVIEW

The Recreation and Community Services (RCS) Administration Division is responsible for the overall management and day-to-day operations of the RCS Department. The administrative duties and responsibilities of the Division include management and supervision of all programming, services, and activities provided by the Recreation Division, the Community Services Division, and the Cultural Arts /Special Events Division. RCS provides guidance, training, and marketing strategies for other departments to ensure quality programs and services are provided to the San Fernando community with the goal of helping San Fernando residents grow and develop in their leisure pursuits while conserving our natural resources.

The Division is responsible for administering all Department contracts with non-government organizations, faith-based groups, and non-profit agencies. The Division also oversees all grant funds the Department has been awarded. The Division will continue to pursue grant funding, partnerships, and collaborations to leverage City resources and enhance the programs, services, and activities offered to the community.

The Division processes rental and special event permit applications and manages the use of both public and private land. RCS staff ensures that all documents such as certificates of liability insurance, health permits, and LAFD approval have been included in the final rental or special event permit. The Division handles all financial matters associated with the Department's programs, activities, and services. San Fernando's RCS is committed to providing the highest standard of excellence in public service through our programs, services, events, and interactions with the community. RCS strives to create a sense of community, support economic development, promote health and wellness, increase cultural awareness and facilitate solutions to community needs.

Dept: Recreation & Community Services
Div: Recreation Administration

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-420-0000-4101 SALARIES-PERMANENT EMPLOYEES	321,738	275,962	258,109	196,805	127,851	65%	199,533
001-420-0000-4105 OVERTIME	1,420	1,935	3,775		564	0%	-
001-420-0000-4111 COMMISSIONER'S REIMBURSEMENT	3,525	1,500	4,875	12,000	1,800	15%	12,000
001-420-0000-4120 O.A.S.D.I.	24,306	20,726	19,479	14,365	9,536	66%	15,510
001-420-0000-4126 HEALTH INSURANCE	72,916	65,276	57,289	47,592	17,733	37%	50,476
001-420-0000-4128 DENTAL INSURANCE	6,118	6,151	4,790	2,031	1,415	70%	1,578
001-420-0000-4129 RETIREE HEALTH SAVINGS	2,105	1,132	886	900	450	50%	-
001-420-0000-4130 WORKER'S COMPENSATION INS.	5,023	4,306	4,055	2,967	1,904	64%	8,815
001-420-0000-4134 LONG TERM DISABILITY INSURANCE	1,068	1,118	916	937	470	50%	1,066
001-420-0000-4136 OPTICAL INSURANCE	1,117	975	870	366	328	90%	526
001-420-0000-4138 LIFE INSURANCE	351	266	253	156	71	46%	153
001-420-0000-4140 WELLNESS BENEFIT	600	448	505	600	-	0%	750
001-420-0000-4141 TECHNOLOGY ALLOWANCE	-	-	-	-	-	0%	1,500
001-420-0000-4142 AUTOMOBILE ALLOWANCE	-	-	-	-	-	0%	4,800
Personnel Costs	451,213	384,829	355,801	278,719	162,122	58%	296,707
001-420-0000-4220 TELEPHONE	16,525	17,136	15,984	19,000	8,138	43%	19,000
001-420-0000-4260 CONTRACTUAL SERVICES	9,256	8,985	15,711	23,660	15,590	66%	17,700
001-420-0000-4300 DEPARTMENT SUPPLIES	7,112	9,466	14,267	10,210	3,155	31%	15,210
001-420-0000-4320 DEPARTMENT EQUIPMENT MAINT	-	-	-	-	-	0%	600
001-420-0000-4360 PERSONNEL TRAINING	-	120	381	-	-	0%	390
001-420-0000-4370 MEETINGS, MEMBERSHIPS & TRAVEL	-	170	300	560	340	61%	560
001-420-0000-4380 SUBSCRIPTIONS DUES & MMBRSHIPS	335	-	270	270	100	37%	340
001-420-0000-4390 MILEAGE REIMBURSEMENT	3,707	4,160	3,147	4,917	1,860	38%	4,817
001-420-3689-4300 DEPARTMENT SUPPLIES	-	566	-	-	-	0%	-
001-420-0000-4450 OTHER EXPENSE	-	-	822	1,500	-	0%	1,500
Operations & Maintenance Costs	36,936	40,603	50,883	60,117	29,183	49%	60,117
001-420-0000-4706 LIABILITY CHARGE	-	24,564	25,116	22,384	11,192	50%	16,175
001-420-0320-4741 EQUIP MAINT CHARGE	18,551	9,336	15,300	8,398	4,200	50%	7,418
001-420-0000-4743 FACILITY MAINTENANCE CHARGE	60,473	50,472	33,948	20,843	10,422	50%	21,071
Internal Service Charges	79,024	84,372	74,364	51,625	25,814	50%	48,414
001-420-0000-4500 CAPITAL EQUIPMENT	155,979	-	-	-	-	0%	-
Capital Costs	155,979	-	-	-	-	0%	-
001-420-0000-4917 TRANSFER TO RECREATION FUND	-	25,000	-	-	-	0%	-
Transfers	-	25,000	-	-	-	0%	-
Division Total	723,152	534,805	481,047	390,461	217,119	55.61%	405,238

COMMUNITY SERVICES**DIVISION No. 422****DIVISION OVERVIEW**

The Community Services Division provides key administrative functions, supervision, and analysis for the social and recreational programs, services, and activities offered to the community. The Division is responsible for identifying potential funding sources and maintaining existing contracts like the agreement with the YWCA that manages the Elderly Nutrition Program. The staff ensures that these programs meet and comply with all City policies and procedures.

The Division also administers and supervises youth programming that promotes vocational training, skill-building, and mentoring for young people ages 5 to 19. The opportunities for youth participation include but are not limited to, the summer and winter day camps, the Teens for a Better Community Youth Leadership (TBC) program, the youth volunteer program, and the Counselor-In-Training (CIT) program.

In addition, the Division continues to strengthen and foster innovative collaborations between the City and the private/non-profit community. The staff has been successful in securing grant funds and partnerships to help offset the costs associated with events hosted by the Division. Such programs include the Senior Expo, the Mind, Body, and Soul Community Health Fair, and the Super Hero Action Movie Night. In addition, the Division has collaborated with the Los Angeles Food Bank to provide monthly care packages to low-income seniors.

The staff strives to provide wellness programming for all ages and offer the quality of life choices to the residents of San Fernando. The activities patrons can participate in include, but are not limited to, exercise classes, volunteerism, and informational seminars. Moreover, residents can participate in senior clubs, excursions, and hiking outings.

Dept: Recreation & Community Services
Div: Community Services

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-422-0000-4101 SALARIES-PERMANENT EMPLOYEES	70,844	64,080	133,673	187,148	95,365	51%	259,657
001-422-0000-4103 WAGES-TEMPORARY & PART-TIME	-	-	-	-	-	0%	-
001-422-0000-4105 OVERTIME	-	5,833	9,352	-	3,619	0%	-
001-422-0000-4120 O.A.S.D.I.	5,420	5,348	10,941	14,047	7,572	54%	19,864
001-422-0000-4124 RETIREMENT	-	-	-	-	-	0%	-
001-422-0000-4126 HEALTH INSURANCE	8,005	8,338	17,693	37,093	15,198	41%	54,348
001-422-0000-4128 DENTAL INSURANCE	674	674	1,348	2,208	1,726	78%	1,699
001-422-0000-4129 RETIREE HEALTH SAVINGS	1,292	1,149	2,328	1,680	836	50%	2,880
001-422-0000-4130 WORKER'S COMPENSATION INS.	4,689	5,083	6,231	9,309	2,434	26%	11,939
001-422-0000-4136 OPTICAL INSURANCE	150	-	299	424	341	80%	567
001-422-0000-4138 LIFE INSURANCE	90	90	205	216	119	55%	306
001-422-0000-4140 WELLNESS BENEFIT	-	-	-	-	-	0%	-
001-422-3689-XXXX COIVD-19 GLOBAL OUTBREAK	81	-	-	-	-	0%	-
Personnel Costs	91,244	90,594	182,071	252,125	127,209	50%	351,260
001-422-0000-4260 CONTRACTUAL SERVICES	69	89	2,747	6,200	4,152	67%	3,900
001-422-0000-4300 DEPARTMENT SUPPLIES	6,347	6,886	8,732	8,750	2,645	30%	10,050
001-422-0000-4360 PERSONNEL TRAINING	-	115	383	600	280	47%	1,600
001-422-0000-4370 MEETINGS, MEMBERSHIPS & TRAVEL	30	1,423	2,491	200	-	0%	200
001-422-0000-4380 SUBSCRIPTIONS DUES & MMBRSHIPS	-	119	119	1,700	-	0%	1,700
Operations & Maintenance Costs	6,446	8,632	14,472	17,450	7,077	41%	17,450
001-422-0000-4706 LIABILITY CHARGE	-	5,220	13,332	20,481	10,241	50%	19,149
001-422-0000-4743 FACILITY MAINTENANCE CHARGE	15,506	12,948	25,140	29,426	14,713	50%	42,142
Internal Service Charges	15,506	18,168	38,472	49,907	24,954	50%	61,291
Division Total	113,196	117,395	235,015	319,482	159,240	50%	430,001

**RECREATION (FACILITY OPERATIONS
& PLAYGROUNDS)****DIVISION No. 423****DIVISION OVERVIEW**

The Recreation Division is responsible for providing social, physical, and educational recreation programs that offer access to healthier lifestyles to persons of all ages. According to the National Recreation and Park Association, parks are a reflection of the quality of life in a community, and access to recreation services is an important factor in determining the livability of communities. In addition, recreation reduces alienation, loneliness, and anti-social behavior by providing access to community engagement opportunities.

The scope of responsibility under the Recreation Division includes youth and adult sports programs, recreation activities, leisure classes, contract classes, community wellness programs, management of partnerships with community-based organizations and oversight of capital park improvement projects and related grant management. The Division also manages the part-time workforce budget for the Department and is responsible for staff recruitment, training, scheduling, payroll, performance evaluation and oversees general facility operations. In addition, Recreation also assists with the Park, Wellness and Recreation Commission and various AdHoc committees as assigned.

Operations of the Recreation Division were enhanced with the addition of a fulltime Program Specialist. The full-time personnel significantly improved the operations of the division and helped expand recreation programming and address part-time workforce issues. Fiscal Year 2023-2024 also experienced the promotion of several part-time staff to the position of Recreation Leader II in the areas of Sports, Leisure Classes and Special Interest. Providing growth opportunity and professional development for the staff.

Fiscal Year 2024-2025 will continue to focus on expanding programming opportunities in addition to prioritizing part-time staff management and development. The objectives for Fiscal Year 2024-2025 help ensure that the division programming and services fall in line with City Council's Strategic Goal 1.5: Community First, exploring opportunities to expand recreation and sports programs, senior programs, and the Healthy San Fernando initiative.

Dept: Recreation & Community Services
Div: Recreation (Facility Operations & Playgrounds)

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-423-0000-4101 SALARIES-PERMANENT EMPLOYEES	82,071	114,637	116,717	135,407	93,582	69%	199,230
001-423-0000-4103 WAGES-TEMPORARY & PART-TIME	79,172	208,851	361,785	337,174	194,760	58%	333,959
001-423-0000-4105 OVERTIME	457	6,368	9,079	5,000	1,671	33%	-
001-423-0000-4120 O.A.S.D.I.	12,367	25,235	37,301	34,112	22,187	65%	39,676
001-423-0000-4124 RETIREMENT	-	-	-	-	-	0%	-
001-423-0000-4126 HEALTH INSURANCE	12,950	15,522	8,847	24,222	12,376	51%	52,179
001-423-0000-4128 DENTAL INSURANCE	1,306	632	674	674	320	48%	1,631
001-423-0000-4129 RETIREE HEALTH SAVINGS	-	1,133	925	-	2,460	0%	2,400
001-423-0000-4130 WORKER'S COMPENSATION INS.	12,185	20,443	41,189	18,284	25,227	138%	31,702
001-423-0000-4136 OPTICAL INSURANCE	257	257	150	150	125	83%	544
001-423-0000-4138 LIFE INSURANCE	1,424	1,210	947	2,588	449	17%	648
001-423-3689-XXXX COVID-19 GLOBAL OUTBREAK	22,090	45	-	-	-	0%	-
Personnel Costs	224,278	394,332	577,613	557,611	353,157	63%	661,969
001-423-0000-4260 CONTRACTUAL SERVICES	850	987	1,350	2,000	1,385	69%	3,500
001-423-0000-4270 PROFESSIONAL SERVICES	-	-	1,345	1,413	-	0%	1,243
001-423-0000-4300 DEPARTMENT SUPPLIES	4,442	5,129	5,118	7,500	5,109	68%	6,000
001-423-0000-4360 PERSONNNEL TRAINING	-	-	-	1,000	-	0%	1,000
001-423-0000-4380 SUBSCRIPTIONS DUES & MMBRSHIPS	-	265	-	260	-	0%	430
Operations & Maintenance Costs	5,292	6,381	7,812	12,173	6,493	53%	12,173
001-423-0000-4706 LIABILITY CHARGE	-	18,972	28,668	42,860	21,430	50%	36,088
001-423-0000-4743 FACILITY MAINTENANCE CHARGE	124,899	104,244	104,604	120,154	60,077	50%	127,666
Internal Service Charges	124,899	123,216	133,272	163,014	81,507	50%	163,754
Division Total	354,470	523,929	718,698	732,798	441,158	60%	837,896

CULTURAL ARTS & SPECIAL EVENTS**DIVISION NO. 424****DIVISION OVERVIEW**

The Cultural Arts and Special Events Division is responsible for conducting and oversight for citywide sponsored/non-sponsored special and cultural events for the Department. Examples include Movie Nights, Summer Concerts, Día de Los Muertos, Holiday Tree Lighting, Spring Jamboree, and the Healthy San Fernando Campaign. The Division oversees the nationally recognized Mariachi Master Apprentice Program, Cultural Arts Classes and Programming, Community Special Event Applications for events conducted on public/private property, and the Lopez Adobe Museum. Staff continues to strengthen and foster innovative partnerships between the arts and community agencies and is successful in securing grants and partnerships to help offset the cost of the Division and citywide events. In addition, the Division is overseeing the Facility Rental Program. This includes private party rentals of public property and park facilities such as multipurpose rooms, gyms, and fields.

The California Arts Council (CAC) Grant Program supports projects that foster the creative abilities of youth through culturally responsive arts learning, utilizing cultural assets of the local community to support positive self-identification, and empowering youth through the preservation of cultural practices. CAC supports projects that operate outside of school time, and at community and school sites. Long-term, in-depth, standards-based arts education projects underscore the critical role the arts play in students' development of creativity, overall well-being, and academic achievement through meaningful arts-learning environments. Funding supports the Mariachi Master Apprentice Program (MMAP) by supporting and encouraging relevant, dynamic, and innovative community building and learning through youth-focused arts and culture projects.

The National Endowment for the Arts supports the creation of art that meets the highest standards of excellence, engages the public with diverse and excellent art, lifelong learning in the arts, and strengthens communities through the arts, by prioritizing historically underserved populations. Funding supports the Mariachi Master Apprentice Program (MMAP) which connects music masters with community youth to preserve mariachi music traditions through quality music programs. MMAP focuses on multi-level instrument instruction, arrangement, and performance skills, and targets youth ages 8 to 19. MMAP incorporates the following elements: Experience: Participants experience exemplary works of art, in a live form when possible, to gain increased knowledge and skills in the art form. Creation: Informed by their experience in an art form, participants will create or perform art. Assessment: Student learning is measured and assessed according to the national or state arts education standards.

Dept: Recreation & Community Services
Div: Cultural Arts & Special Events

Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
001-424-0000-4101 SALARIES-PERMANENT EMPLOYEES	15,287	82,042	62,344	168,252	74,334	44%	116,891
001-424-0000-4105 OVERTIME	-	6,480	3,399	-	5,721	0%	-
001-424-0000-4120 O.A.S.D.I.	1,170	6,772	5,029	12,810	6,124	48%	8,943
001-424-0000-4126 HEALTH INSURANCE	5,587	8,338	13,788	56,204	10,165	18%	19,384
001-424-0000-4128 DENTAL INSURANCE	674	674	1,264	404	1,006	249%	606
001-424-0000-4129 RETIREE HEALTH SAVINGS	-	-	-	1,920	953	50%	720
001-424-0000-4130 WORKER'S COMPENSATION INS.	1,111	6,436	4,779	12,174	5,820	48%	7,014
001-424-0000-4136 OPTICAL INSURANCE	150	150	215	-	152	0%	202
001-424-0000-4138 LIFE INSURANCE	38	90	76	90	101	112%	144
001-424-1367-4103 TREE LIGHTING	-	-	-	238	-	0%	-
Personnel Costs	24,016	110,981	90,894	252,092	104,377	41%	153,904
001-424-0000-4260 CONTRACTUAL SERVICES	3,974	24,636	81,191	83,680	85,736	102%	48,680
001-424-0000-4300 DEPARTMENT SUPPLIES	8,879	15,464	9,604	10,500	3,850	37%	9,000
001-424-0000-4430 ACTIVITIES AND PROGRAMS	12,496	12,000	12,768	17,659	7,303	41%	12,000
001-424-1386-4260 JULY FOURTH	-	-	7,704	-	-	0%	52,000
Operations & Maintenance Costs	25,350	52,100	111,266	111,839	96,888	87%	121,680
001-424-0000-4500 CAPITAL EXPENSES	-	-	-	4,000	3,770	94%	-
Capital Costs	-	-	-	4,000	3,770	94%	-
001-424-0000-4706 LIABILITY CHARGE	-	6,312	6,396	20,479	10,239	50%	8,390
001-424-0000-4743 FACILITY MAINTENANCE CHARGE	15,506	12,948	12,576	31,878	15,939	50%	19,832
Internal Service Charges	15,506	19,260	18,972	52,357	26,178	50%	28,222
Division Total	64,871	182,341	221,133	420,288	231,214	55%	303,806



AQUATICS

DIVISION NO. 430

DIVISION OVERVIEW

Operations of the San Fernando Regional Pool Facility are conducted by the County of Los Angeles as of October 2014, pursuant to a lease agreement. Consequently, the City owns the facility; however, the County of Los Angeles is responsible for all annual operating and capital costs during the fifteen (15) year term of the lease.

PAGE INTENTIONALLY
LEFT BLANK



SECTION V. SPECIAL REVENUE, CAPITAL AND GRANT FUNDS

DESCRIPTION

Special Revenue, Grant, and Capital Funds are designated for a specific purpose. Some of these funds have been designated by certain laws and regulations, which require cities to account for expenditures and revenues separately. The City also uses Capital and Grant Funds to account for capital projects and operating/capital grants separately. The following is a list of the Special Revenue, Capital, and Grant Funds included in this section:

<u>FUND NO.</u>	<u>FUND DESCRIPTION</u>
002	Supplemental Law Enforcement Services Fund (SLESF)
007	Proposition "A"
008	Proposition "C" – Transit Development Fund
009	Proposition "C" – Discretionary
010	Capital Grant Fund
011	State Gas Tax Fund
012	Measure "R" Fund
013	Traffic Safety Fund
014	Cash in-lieu of Parking Fund
015	Local Transportation Fund (SB 325)
016	Air Quality Management District Fund (AQMD)
017	Self-Sustaining Recreational Activities
018	Retirement Fund
019	Quimby Act Fees
020	Asset Seizure – State
021	Asset Seizure – Federal
022	Surface Transportation Program – Local (STPL)
023	Measure "W" Fund
024	Measure "M" Fund
025	Road Maintenance & Rehabilitation Fund (SB1)
026	Community Development Block Grant (CDBG)
027	Street Lighting Fund
028	Measure "H" Fund
029	Parking and Maintenance Operations (M & O) – Off Street
030	Mall Maintenance Operations
032	Capital Outlay Fund
050	Pavement Management Fund
053	Community Investment Fund
055	Community Development Surcharge Fund
094	Low Income Housing Fund
101	Safety Realignment Fund (AB109)
108	California Arts Council
109	National Endowment for the Arts (NEA)
110	Operating Grants
119	Community Oriented Policing Services (COPS) Safe Schools
121	American Rescue Plan Act Fund



**SUPPLEMENTAL LAW ENFORCEMENT
FUNDS (SLESE)**

FUND NO. 002

FUND OVERVIEW

Per the provisions of AB 3229, the supplemental law enforcement services fund and the supplemental law enforcement oversight committee was created in 1996. The committee was created by the Los Angeles Board of Supervisors and consists of one Municipal Chief, an L.A County Sheriff, a District Attorney, County Officer and a City Manager.

In the past, Cities and Counties received 75% of these funds relative to population and exclusively to provide front line law enforcement services including anti-gang and community gang prevention programs. During the current fiscal year, the City will use funds for community policing activities and to supplement Police overtime.

Fund: Supplemental Law Enforcement Services
Resp. Dept: Finance

Beginning Fund Balance:		148,433	180,659	180,659	209,295			209,295
REVENUES		2021	2022	2023	2024	As of	2024	2025
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3500-0000	INTEREST INCOME	1,900	1,789	3,999	-	324	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(1,400)	(9,433)	(3,199)	-	11,720	0%	-
3679-0000	COPS MORE	156,727	161,285	165,271	150,000	168,911	113%	150,000
3679-2206	SLESF	-	-	-	-	-	0%	-
Total Revenue		157,226	153,640	166,071	150,000	180,955	121%	150,000
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed
002-190-0000-4901	TRANSFER TO GENERAL FUND	125,000	125,004	150,000	150,000	75,000	50%	200,000
	<i>Transfers</i>	125,000	125,004	150,000	150,000	75,000	50%	200,000
Total Appropriations		125,000	125,004	150,000	150,000	75,000	50%	200,000
ANNUAL SURPLUS/DEFICIT		32,226	28,636	16,071	-	105,955		(50,000)
Ending Balance:		180,659	209,295	196,730	209,295			159,295

PROPOSITION “A”**FUND NO. 007****FUND OVERVIEW**

This fund is to account for receipts and approved Local Transit Fund projects from a voter approved sales tax override for public transportation purposes. The one percent sales tax was approved by the voters in November 1980. Twenty-five percent of total revenues, net administrative costs, are to be returned to local jurisdictions for local transit related projects. Distribution is done on a population-share basis. Projects must be approved by Metropolitan Transit Authority (Metro) in advance of spending Proposition “A” funds.

MAJOR PROJECTS/PROGRAMS**METRO ANNUAL PROJECTS BUDGET****PUBLIC WORKS:**

- Trolley Transit: PCA Transit Contract
- Trolley Transit: Professional Services
- Trolley Transit: Trolley Repairs
- Trolley Transit: Trolley Fuel
- Marketing Supplies, Tools, Equipment, Maintenance
- Prop “A” Administration
- Prop “A” Administration: Cost Allocation

RECREATION & COMMUNITY SERVICES:

- Contractual Services
- MTA Bus Pass Sale
- Prop “A” Administration

Fund: Proposition A - Transit Fund
Resp. Dept: Public Works

		Beginning Fund Balance:		71,817	83,762	255,623	350,244	369,898	
REVENUES		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
3210-0000	SALES AND USE TAXES	501,353	636,553	650,651	679,724	316,756	47%	660,610	
3500-0000	INTEREST INCOME	2,104	2,362	5,631	-	767	0%	-	
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(984)	(14,515)	(4,168)	-	17,661	0%	-	
3794-0000	DIAL-A-RIDE TICKETS	-	2,416	4,166	2,500	414	17%	1,000	
3794-3630	AQMD NATURAL GAS TROLLEYS	-	5,095	5,641	4,500	502	11%	-	
3796-0000	MTA BUS PASS SUBSIDY	60	1,174	2,056	2,500	-	0%	500	
Total Revenue		502,533	633,085	663,977	689,224	336,100	49%	662,110	
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed	
007-440-0000-4101	SALARIES-PERMANENT EMPLOYEES	6,870	3,375	43,817	45,235	29,159	64%	47,700	
007-440-0000-4105	OVERTIME	68	97	33	-	30	0%	-	
007-440-0000-4120	O.A.S.D.I.	530	265	3,169	3,260	2,137	66%	3,551	
007-440-0000-4124	RETIREMENT	884	629	7,810	8,240	4,360	53%	8,282	
007-440-0000-4126	HEALTH INSURANCE	1,389	969	6,708	8,528	2,840	33%	8,553	
007-440-0000-4128	DENTAL INSURANCE	97	63	605	107	201	188%	268	
007-440-0000-4129	RETIREE HEALTH SAVINGS	59	-	295	300	150	50%	-	
007-440-0000-4130	WORKER'S COMPENSATION INS.	110	55	665	673	467	69%	2,674	
007-440-0000-4134	LONG TERM DISABILITY INSURANCE	-	-	305	312	157	50%	356	
007-440-0000-4136	OPTICAL INSURANCE	18	11	116	19	58	305%	90	
007-440-0000-4138	LIFE INSURANCE	6	5	27	28	14	50%	27	
007-440-0000-4140	WELLNESS BENEFIT REIMBURSEMENT	-	-	-	150	-	0%	-	
<i>Personnel Costs</i>		<i>10,032</i>	<i>5,468</i>	<i>63,550</i>	<i>66,852</i>	<i>39,573</i>	<i>59%</i>	<i>71,501</i>	
007-190-0000-4480	COST ALLOCATION	24,203	24,204	41,788	50,559	25,280	50%	62,398	
007-313-0000-4260	CONTRACTUAL SERVICES	149,000	149,000	100,634	187,559	178,722	95%	184,711	
007-313-3630-4402	FUEL	37,827	3,610	70,408	70,000	25,060	36%	50,000	
007-440-0000-4390	MILEAGE REIMBURSEMENT	-	-	900	900	600	67%	500	
007-440-0441-4220	TELEPHONE	1,763	1,681	1,040	1,700	497	29%	1,000	
007-440-0441-4260	MTA BUS PASS SALES	120	1,992	4,448	2,000	-	0%	2,000	
007-440-0442-4260	CONTRACTUAL SERVICES	267,643	270,000	270,000	270,000	-	0%	270,000	
007-440-0443-4260	CONTRACTUAL SERVICES	-	5,268	16,588	20,000	2,942	15%	20,000	
<i>Operations & Maintenance Costs</i>		<i>480,556</i>	<i>455,755</i>	<i>505,806</i>	<i>602,718</i>	<i>233,101</i>	<i>39%</i>	<i>590,609</i>	
Total Appropriations		490,588	461,223	569,356	669,570	272,674	41%	662,110	
ANNUAL SURPLUS/DEFICIT		11,946	171,861	94,621	19,654	63,426		0	
Ending Balance:		83,762	255,623	350,244	369,898			369,899	



**PROPOSITION “C” – TRANSIT
DEVELOPMENT FUND**

FUND NO. 008

FUND OVERVIEW

This fund accounts for receipt of a half-percent sales tax allocated by the Los Angeles County Metropolitan Transit Authority (MTA). These funds can only be used to reduce traffic congestion, improve air quality, improve the condition of streets and highways utilized by public transit, reduce foreign fuel dependence, or reduce the use of fossil fuels.

MAJOR PROJECTS/PROGRAMS

CAPITAL PROJECTS:

- Annual Street Resurfacing Projects
- Project Match – FTA Grant – Phase 2 Bus Project

Fund: Proposition C - Transit Development Fund
Resp. Dept: Public Works

		Beginning Fund Balance:		554,689	433,574	433,574	272,112		139,084
REVENUES		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
3210-0000	SALES AND USE TAXES	415,854	528,007	539,697	563,814	262,864	47%	547,959	
3500-0000	INTEREST INCOME	6,802	5,408	11,406	-	760	0%	-	
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(9,564)	(22,614)	(13,488)	-	33,072	0%	-	
Total Revenue		413,092	510,802	537,615	563,814	296,696	53%	547,959	
APPROPRIATIONS		2021	2022	2023	2023	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed	
008-311-0000-4101	SALARIES-PERMANENT EMPLOYEES	16,753	-	-	-	-	0%	-	
008-311-0000-4103	WAGES-TEMPORARY & PART-TIME	-	-	-	-	-	0%	-	
008-311-0000-4105	OVERTIME	-	-	-	-	-	0%	-	
008-311-0000-4120	O.A.S.D.I.	1,280	-	-	-	-	0%	-	
008-311-0000-4124	RETIREMENT	4,046	-	-	-	-	0%	-	
008-311-0000-4126	HEALTH INSURANCE	5,980	-	-	-	-	0%	-	
008-311-0000-4128	DENTAL INSURANCE	948	-	-	-	-	0%	-	
008-311-0000-4130	WORKERS COMPENSATION INS.	2,380	-	-	-	-	0%	-	
008-311-0000-4136	OPTICAL INSURANCE	125	-	-	-	-	0%	-	
008-311-0000-4138	LIFE INSURANCE	28	-	1	-	-	0%	-	
<i>Personnel Costs</i>		<i>31,540</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>-</i>	<i>0%</i>	<i>-</i>	
008-190-0000-4480	COST ALLOCATION	26,556	26,556	13,886	16,138	8,069	50%	18,774	
008-311-0000-4260	CONTRACTUAL SERVICES	-	-	-	-	-	0%	-	
008-313-0000-4260	CONTRACTUAL SERVICES	145,000	205,027	196,366	218,000	9,610	4%	224,540	
<i>Operations & Maintenance Costs</i>		<i>171,556</i>	<i>231,583</i>	<i>210,252</i>	<i>234,138</i>	<i>17,679</i>	<i>8%</i>	<i>243,314</i>	
008-190-0000-4901	TRANSFER TO GENERAL FUND	-	-	-	-	-	0%	-	
008-311-6673-4910	TRANSFER TO GRANT FUND	-	420,512	-	-	-	0%	-	
<i>Transfers</i>		<i>-</i>	<i>420,512</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>0%</i>	<i>-</i>	
008-313-0551-4600	BUS SHELTER PROJECT: MATCH	-	-	-	62,704	-	0%	-	
008-311-0560-4600	STREET RESURFACING PROGRAM	-	20,169	512,296	400,000	-	0%	350,000	
008-311-0562-4600	TRAFFIC SIGNALS ON GLENOAKS HSIP CYCLE 8	-	-	-	-	-	0%	-	
008-311-6673-4600	GLENOAKS RESURFACING PROJECT	331,111	-	-	-	-	0%	-	
008-311-6676-4600	CALTRANS TCSP TRUMAN ST	-	-	-	-	-	0%	-	
<i>Capital Projects</i>		<i>331,111</i>	<i>20,169</i>	<i>512,296</i>	<i>462,704</i>	<i>-</i>	<i>0%</i>	<i>350,000</i>	
Total Appropriations		534,207	672,264	722,549	696,842	17,679	3%	593,314	
ANNUAL SURPLUS/DEFICIT		(121,115)	(161,462)	(184,934)	(133,028)	279,017		(45,355)	
Ending Balance:		433,574	272,112	350,244	139,084			93,729	



PROPOSITION “C” – DISCRETIONARY

FUND NO. 009

FUND OVERVIEW

This fund accounts for receipt of the discretionary portion (40%) of the half-cent sales tax allocated by the Los Angeles County Metropolitan Authority (Metro). These are typically awarded as grants through a competitive grant application to Metro.

MAJOR PROJECTS/PROGRAMS

CAPITAL PROJECTS:

Citywide Traffic Signal Synchronization Project

Fund: Prop "C" - Discretionary
 Resp. Dept: Public Works

Beginning Fund Balance:		22,127	22,122	22,122	21,305	(754,071)		
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
	3500-0000 INTEREST INCOME	237	183	368	-	37	0%	-
	3508-0000 NET INCR/DECR FAIR VAL INVESTMENT	(242)	(1,001)	(240)	-	1,126	0%	-
	3686-0510 SIGNAL IMPROVEMENTS	-	-	-	-	-	0%	-
Total Revenue		(4)	(817)	128	-	1,163	0%	-
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Adjusted	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
	009-190-0000-4901 TRANSFER TO GENERAL FUND	-	-	-	-	-	0%	-
	Transfers	-	-	-	-	-	0%	-
	009-371-0510-4600 SIGNAL IMPROVEMENTS	-	-	-	775,376	-	0%	-
	Capital Projects	-	-	-	775,376	-	0%	-
Total Appropriations		-	-	-	775,376	-	0%	-
ANNUAL SURPLUS/DEFICIT		(4)	(817)	128	(775,376)	1,163		-
Ending Balance:		22,122	21,305	22,250	(754,071)			(754,071)

CAPITAL GRANTS FUND**FUND NO. 010****FUND OVERVIEW**

This section provides a consolidated look at grants funds received from several different funding sources to fund construction projects as well as capital improvements. The processing of Federal and State level grant applications and reimbursements are managed by Public Works.

MAJOR PROJECTS/PROGRAMS

- FTA Grant: Phase 2 Bus Shelters Project
- MSRC Grant, ATP Cycle 3 Grant, CMAQ Grant, SMMC Grant: Pacoima Wash Bikeway Project
- Safe Routes to School Grant: (Cycles 1 & 2)
- HSIP Cycle 8 Grant: Traffic Signal Improvements
- Prop 1 Grant: SF Regional Park Infiltration System Project
- Measure W: SF Regional Park Infiltration System Project
- LADWP Grant: SF Regional Park Infiltration System Project
- CalOES Community Power Resiliency Grant Program: Parks Emergency Generator Project
- Department of Water Resources Grant: Upper Reservoir Replacement Project
- Santa Monica Mountains Conservancy: Bioswale portion of the Pacoima Wash Bikeway Project
- CNRA Urban Greening Grant: Carlisle Green Alley Project

Fund: Capital Grants Fund

Resp. Dept: Various

		Beginning Fund Balance:		(8,916,681)	(5,825,310)	(1,092,638)	(8,501,763)			(1,785,376)
REVENUES		2021	2022	2023	2024	As of	2024	2025		
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed		
3500-0000	INTEREST INCOME	-	-	-	-	-	0%	-		
3680-3698	PUBLIC SAFETY RADIOS/BODY CAMERAS (BSCC)	-	2,000,000	647,118	-	-	0%	-		
3683-3709	LA COUNTY PROP A	102,002	22,737	-	-	-	0%	-		
3686-0175	BUS SHELTERS	-	-	-	250,816	-	0%	-		
3686-0525	ENHANCED MOBILITY SENIORS & ADA	-	-	-	750,000	-	0%	-		
3686-0537	BOYS & GIRLS CLUB OF SFV	-	-	-	5,000,000	339,300	7%	-		
3686-0510	SIGNAL IMPROVEMENTS	-	-	-	-	-	0%	-		
3686-0549	PACOIMA WASH BIKEWAY CMAQ	-	-	38,830	1,039,532	170,026	16%	-		
3686-0550	PACOIMA WASH BIKEWAY ATP CYCLE 3	-	-	39,221	395,417	395,417	100%	-		
3686-0551	PACOIMA WASH BIKEWAY MSRC	-	-	-	-	-	0%	-		
3686-0552	SAFE ROUTES TO SCHOOL CYCLE 1	324	-	500	-	-	0%	-		
3686-0553	SAFE ROUTES TO SCHOOL CYCLE 2	324	-	500	1,000,174	-	0%	-		
3686-0557	GLENOAKS SAFE ST IMPROV HSIP CYCLE	-	-	-	-	-	0%	-		
3686-0560	STREET RESURFACING	-	-	-	-	-	0%	-		
3686-0562	TRAFFIC SIGNALS GLENOAKS HSIP	-	-	-	453,176	-	0%	-		
3686-0567	PACOIMA WASH CONNECT CA DEPT	-	-	-	7,500	7,500,000	100%	-		
3686-0620	SF PARK INFILTRATION LACFCD	3,115,000	5,785,000	6,081,394	-	-	0%	-		
3686-0628	SF SAFE & ACTIVE ST IMPLEMENTATION PLAN	-	127,696	-	-	-	0%	-		
3686-0645	SF INFILTRATION SYST PROP1 IRWM PROG	-	-	-	-	-	0%	-		
3686-0647	PACOIMA WASH GRNWY AUGMT-SMMC	-	-	-	2,153,296	-	0%	-		
3686-0687	CALTRANS SUST. TRANSPRT PLANNING GRT	-	-	-	-	-	0%	-		
3686-0716	UPPER RESERVOIR REPLACEMENT-DWR	257,716	-	340,100	8,301,861	-	0%	-		
3686-0763	STORMWATER INFILTRATION PROJECT	96,343	2,309	-	-	-	0%	-		
3686-0764	DWP STORMWTR INFILTRATION PROJ	-	-	-	2,863,807	-	0%	-		
3686-0765	SELF GENERATION INCENTIVE PROGRAM	-	-	-	29,198	29,198	100%	-		
3686-0823	VISTA DEL VALLE SAFETY IMPROVEMENTS	-	-	-	-	-	0%	-		
3686-0847	CARLISLE GREEN ALLEY PROJ-UG2106-0	-	-	-	3,482,535	-	0%	-		
3686-3636	SAFE ROUTES TO SCHOOL	-	-	-	-	-	0%	-		
3686-3648	COM. POWER RESIL. PROGRAM	300,000	-	-	-	-	0%	-		
3686-3665	PEDESTRAIN CT DWN SIGNALS HSIPL5202(017)	-	-	-	-	-	0%	-		
3686-3697	CLEAN TRANS MSRC NO. ML 14062	-	-	-	-	-	0%	-		
3686-3699	ELECTRICAL VEHICLES CHARGING STATIONS	-	-	-	-	-	0%	-		
3686-6673	GLENOAKS RESURFACING PROJECT	904,817	-	-	-	-	0%	-		
3686-6676	CALTRANS TCSP TRUMAN-ST. ENHANCEMENTS	-	-	-	-	-	0%	-		
3686-6677	PLAINS ALL AMERICAN PIPELINE	-	-	-	-	-	0%	-		
3696-3449	"911" SECURITY UPGRADE	-	-	-	66,817	-	0%	-		
3696-3602	CPD DE-ESCALATION TRAINING SOLICIATION	-	-	-	53,669	53,669	100%	-		
3696-3604	BULLETPROOF VEST 2016	-	-	-	-	-	0%	-		
3696-3608	HAZARD MITIGATION PROGRAM	11,812	-	-	-	-	0%	-		
3683-3709	COUNTY PROP. A GRANT-PARK IMP.	-	-	-	-	-	0%	-		
3686-0620	SF PARK INFILTRATION-LACFCD	-	-	-	-	-	0%	-		
3686-0763	STORMWATER INFILTRATION PRK PROJ	-	-	-	-	-	0%	-		
3696-3449	9-1-1 EMERGENCY COMMUNICATIONS	-	27,000	-	-	-	0%	-		
3696-3711	OPEN STREETS GRANT PROGRAM	-	137,925	-	-	-	0%	-		
3968-0000	TRANSFER FROM PROP C FUND	-	420,512	-	-	-	0%	-		
3686-0857	NITRATE REMOVAL SYSTEM-AB179	-	-	-	9,177,689	-	0%	-		
3692-0156	L P PARK REVITALIZATION-SW-19-066	-	-	-	4,551,961	-	0%	-		
3697-0516	TECHNICAL ASSISTANCE PROG (RPOSD)	-	-	-	-	-	0%	-		
3697-0671	PIONEER PARK PLYGRD 2018 PARKS BOND ACT	-	-	-	-	-	0%	-		
3697-3624	LAYNE PARK REVITALIZATION (RPOSD)	-	-	-	-	-	0%	-		
3697-3643	PIONEER PARK PLYGRD GRT NO.10090	-	-	-	-	-	0%	-		
3696-3662	UASI URBAN AREA SEC INITIRATIVE NO. C125603	-	-	-	-	-	0%	-		
3696-3684	UASI 2015	-	-	-	-	-	0%	-		
3696-3711	HEALTH SF OPEN STREETS EVENT	-	-	-	-	-	0%	-		
3697-3669	CP-LAYNE PARK REVITALIZATION	-	109,573	474,884	699,620	-	0%	-		
3940-3661	CNG FUELING STATION	-	-	-	-	-	0%	-		
3961-0000	TRANSFER FROM GAS TAX FUND	-	-	-	-	-	0%	-		
3970-0000	TRANSFER FROM GENERAL FUND	-	-	-	-	-	0%	-		
3979-0000	TRANSFER FROM PAVEMENT MGMT FUND	-	-	-	-	-	0%	-		
Total Revenue		4,788,338	8,632,751	7,622,547	40,277,068	8,487,610	21%	-		

Fund: Capital Grants Fund
Resp. Dept: Various

APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed
City Manager's Office Grants							0%	
010-105-0537-4101	BOYS & GIRLS CLUB OF SFV				250,000		0%	
010-105-0537-4260	BOYS & GIRLS CLUB OF SFV				1,250,000	339,300	27%	
010-105-0537-4300	BOYS & GIRLS CLUB OF SFV				593,500		0%	
010-105-0537-4600	BOYS & GIRLS CLUB OF SFV				2,906,500		0%	
<i>Total City Manager's Office Grants</i>		-	-	-	5,000,000	339,300	7%	-
Police Grants								
010-220-3449-4370	9-1-1 EMERGENCY COMMUNICATIONS	-	-	-	-	-	0%	
010-220-3449-4500	9-1-1 EMERGENCY COMMUNICATIONS	-	39,817	-	-	-	0%	
010-220-3602-4370	CPD DE-ESCALATION TRAINING SOLICITATION	-	1,606	-	-	-	0%	
010-220-3602-4500	CPD DE-ESCALATION TRAINING SOLICITATION	-	51,018	-	-	-	0%	-
010-220-3662-4500	UASI URBAN AREA SEC INITIATIVE	-	-	-	-	-	0%	
010-225-3698-4405	PUBLIC SAFETY RADIOS/BODY CAMERAS (BSCC)	-	29,422	14,927	-	-	0%	-
010-225-3698-4500	PUBLIC SAFETY RADIOS/BODY CAMERAS (BSCC)	-	620,209	632,190	703,251	103,141	15%	
<i>Total Police Grants</i>		-	742,072	647,117	703,251	103,141	15%	-
Public Works Grants								
010-310-0620-4600	SF PARK INFILTRATION-LACFCD	-	2,140,873	6,081,394	978,933	601,044	61%	-
010-310-0645-4600	SF INFILTR SYST PROP 1 IRWM PROG.	-	-	-	-	-	0%	-
010-310-0687-4270	CALTRANS SUST TRANSPRT PLANNING GRT	-	-	-	-	-	0%	-
010-310-0645-4600	SF INFILTR SYST PROP1 IRWM PROG	7,319	168,913	858,435	2,416	2,416	100%	-
010-310-0763-4600	STORMWATER INFILTRATION PRK PROP1	-	-	-	-	-	0%	-
010-310-0764-4600	DWP STORMWTR INFILTRATION PROJ	-	415,450	1,509,310	319,902	309,572	97%	-
010-310-0847-4260	CARLISLE GREEN ALLEY PROJ-UG2106-0	-	-	-	410,000	-	0%	-
010-310-0847-4600	CARLISLE GREEN ALLEY PROJ-UG2106-0	-	-	-	3,072,535	-	0%	-
010-310-3661-4600	CNG FUELING STATION	-	-	-	-	-	0%	-
010-311-0175-4600	BUS SHELTERS	-	-	-	250,816	-	0%	-
010-311-0525-4600	ENHANCED MOBILITY SENIORS & ADA	-	-	-	750,000	-	0%	-
010-311-0549-4600	PACOIMA WASH BIKEWAY CMAQ	-	-	494,149	1,018,851	276,873	27%	-
010-311-0550-4600	PACOIMA WASH BIKEWAY ATP CYCLE 3	-	-	559,906	413,094	219,964	53%	-
010-311-0551-4600	PACOIMA WASH BIKEWAY MSRC	324	-	320,155	33,845	-	0%	-
010-311-0552-4101	SAFE ROUTES TO SCHOOL CYCLE 1	-	-	289	-	-	0%	-
010-311-0552-4120	SAFE ROUTES TO SCHOOL CYCLE 1	-	-	22	-	-	0%	-
010-311-0552-4124	SAFE ROUTES TO SCHOOL CYCLE 1	-	-	72	-	-	0%	-
010-311-0552-4130	SAFE ROUTES TO SCHOOL CYCLE 1	-	-	21	-	-	0%	-
010-311-0552-4600	SAFE ROUTES TO SCHOOL CYCLE 1	324	-	-	993,720	-	0%	-
010-311-0553-4101	SAFE ROUTES TO SCHOOL CYCLE 1	-	-	147	-	-	0%	-
010-311-0553-4120	SAFE ROUTES TO SCHOOL CYCLE 1	-	-	11	-	-	0%	-
010-311-0553-4124	SAFE ROUTES TO SCHOOL CYCLE 1	-	-	37	-	-	0%	-
010-311-0553-4130	SAFE ROUTES TO SCHOOL CYCLE 1	-	-	11	-	-	0%	-
010-311-0553-4600	SAFE ROUTES TO SCHOOL CYCLE 2	-	-	-	999,644	-	0%	-
010-311-0560-4600	STREET RESURFACING PROGRAM	-	-	-	-	-	0%	-
010-311-0562-4600	HSIP CYCLE 8 TRAFFIC SIGNAL IMPR H807046	-	-	-	1,549,176	-	0%	-
010-311-0567-4600	PACOIMA WASH CONNECT CA DE	61,654	-	115,299	7,384,701	173,217	2%	-
010-311-0628-4600	SF SAFE & ACTIVE ST IMPLEMENTATION PLAN	-	63,313	-	-	-	0%	-
010-311-0647-4600	PACOIMA WASH GRNWKY AUGMT-SMMC	-	-	-	937,491	378,314	40%	-
010-311-6673-4101	GLENOAKS RESURFACING PROJECT	1,107,048	-	-	-	-	0%	-
010-311-6673-4600	GLENOAKS RESURFACING PROJECT	-	-	-	-	-	0%	-
010-311-6676-4270	CALTRANS TCSP TRUMAN ST. ENHANCEMENTS	1,480	-	-	-	-	0%	-
010-311-6677-4600	PLAINS ALL AMERICAN PIPELINE	-	-	-	-	-	0%	-
010-320-3697-4600	CLEAN TRANSP MSRC #ML14062	-	-	-	-	-	0%	-
010-335-3699-4600	ELECTRICAL VEHICLE CHARGING STATIONS	29,198	-	-	-	-	0%	-
010-370-0765-4600	SELF GENERATION INCENTIVE PROGRAM	-	-	-	-	-	0%	-
010-370-3648-4500	COMMUNITY POWER RESILIENCY PROG.	-	-	-	-	-	0%	-
010-371-0510-4600	SIGNAL IMPROVEMENTS	-	-	-	-	-	0%	-
010-384-0857-4600	NITRATE REMOVAL SYSTEM	-	-	1,972,016	1,277,984	942,122	74%	-
010-385-0857-4600	NITRATE REMOVAL SYSTEM	318,646	-	-	3,750,000	-	0%	-
010-385-0716-4600	UPPER RESERVOIR REPLACEMENT-DWR	-	113,953	1,228,868	2,984,057	2,516,719	84%	-
010-390-0765-4600	HVAC SYSTEM FOR PD FACILITY	-	-	-	583,950	-	0%	-
010-390-3648-4500	COMMUNITY POWER RESILIENCY PROG.	-	-	-	300,000	-	0%	-
<i>Total Public Works Grants</i>		1,525,993	2,902,501	13,140,142	28,011,115	5,510,823	20%	-

Fund: Capital Grants Fund
Resp. Dept: Various

APPROPRIATIONS (cont.)		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
Recreation and Community Service Grants								
010-420-0516-4600	TECHNICAL ASSISTANCE PROG (RPOSD)	-	-	-	185,000	10,617	6%	-
010-420-0671-4600	PIONEER PARK PLYGRD 2018 PARKS BOND ACT	-	-	-	192,905	-	0%	-
010-420-3669-4600	CP-LAYNE PARK REVITALIZATION	48,209	133,047	802,629	145,615	77,288	53%	-
010-420-3711-4260	HEALTHY SF OPEN ST EVENT	-	-	-	-	-	0%	-
010-422-3709-4600	LAS PALMAS PARK FACILITY IMPROVEMENTS	-	-	-	-	-	0%	-
010-420-3711-4105	OPEN STREETS GRANT PROGRAM	-	2,222	-	-	-	0%	-
010-420-3711-4120	OPEN STREETS GRANT PROGRAM	-	169	-	-	-	0%	-
010-420-3711-4129	OPEN STREETS GRANT PROGRAM	-	11	-	-	-	0%	-
010-420-3711-4130	OPEN STREETS GRANT PROGRAM	-	302	-	-	-	0%	-
010-420-3711-4260	OPEN STREETS GRANT PROGRAM	-	11,495	-	-	-	0%	-
010-420-3711-4600	OPEN STREETS GRANT PROGRAM	-	105,350	-	-	-	0%	-
010-422-0156-4600	L P PARK REVITALIZATION-SW-19-066	-	1,410	90,777	4,142,794	87,429	2%	-
010-422-3709-4600	CAPITAL PROJECTS	122,765	1,500	-	-	-	0%	-
010-423-3624-4600	LAYNE PARK REVITALIZATION (RPOSD)	-	-	351,007	-	-	0%	-
010-423-3643-4600	PIONEER PARK PLYGRD GRT NO.10090	-	-	-	180,001	7,574	4%	-
<i>Total Recreation and Community Service Grants</i>		<i>170,974</i>	<i>255,507</i>	<i>1,244,413</i>	<i>4,846,315</i>	<i>182,908</i>	<i>4%</i>	<i>-</i>
Total Appropriations		1,696,967	3,900,080	15,031,672	33,560,681	5,796,872	17%	-
ANNUAL SURPLUS/DEFICIT		3,091,371	4,732,672	(7,409,125)	6,716,387	2,690,738		-
Ending Balance:		(5,825,310)	(1,092,638)	(8,501,763)	(1,785,376)			(1,785,376)



PAGE INTENTIONALLY
LEFT BLANK



STATE GAS TAX FUND

FUND NO. 011

FUND OVERVIEW

This fund is used to account for maintenance work and capital projects associated with impacts from motor vehicle travel in the City. It is also used for capital improvements requiring matching funds for Federal funding (TEA-3) eligibility. The use of these funds is restricted by Article XIX of the California State Constitution and by Streets and Highways Code Section 2101. All Motor Vehicle Fuel Tax funds allocated from the Highway Users Tax Account must be expended for the following: (a) The research, planning, construction, improvement, maintenance, and operation of public streets and highways (and their related public facilities for non-motorized traffic), including the mitigation of their environmental effects, the payment for property taken or damaged for such purposes, and the administrative costs necessarily incurred in the foregoing purposes.

MAJOR PROJECTS/PROGRAMS

- Street sweeping contract
- Parkway tree trimming contract
- Street maintenance activities

Fund: State Gas Tax Fund
Resp. Dept: Public Works

Beginning Fund Balance:		(62,391)	2,893	68,699	-		(18,008)	
REVENUES		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3610-0000	GAS TAX ALLOCATION SECT 2105	128,421	136,825	134,614	155,178	60,942	39%	135,591
3611-0000	GAS TAX ALLOCATION SECT 2106	76,788	82,905	82,075	92,790	37,287	40%	80,439
3612-0000	GAS TAX ALLOCATION SECT 2107	173,775	163,498	183,457	186,389	84,640	45%	200,639
3613-0000	GAS TAX ALLOCATION SECTION 2103	168,174	195,115	192,734	234,336	103,519	44%	183,844
3615-0000	GAS TAX ALLOCATION SECT 2107.5	6,000	5,000	5,000	6,000	5,000	83%	5,000
Total Revenue		553,159	583,343	597,880	674,693	291,388	43%	605,513
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed
011-190-0000-4480	COST ALLOCATION	11,885	11,880	21,186	20,572	10,286	50%	27,886
011-311-0000-4260	CONTRACTUAL SERVICES	265,000	274,621	270,932	277,886	168,424	61%	277,886
011-311-0000-4270	PROFESSIONAL SERVICES	3,000	3,000	3,195	-	-	0%	-
<i>Operations & Maintenance Costs</i>		<u>279,885</u>	<u>289,501</u>	<u>295,313</u>	<u>298,458</u>	<u>178,710</u>	<u>60%</u>	<u>305,772</u>
011-190-0000-4901	TRANSFER TO GENERAL FUND	205,000	228,036	250,000	250,000	125,000	50%	250,000
<i>Transfers</i>		<u>205,000</u>	<u>228,036</u>	<u>250,000</u>	<u>250,000</u>	<u>125,000</u>	<u>50%</u>	<u>250,000</u>
011-311-0560-4600	STREET RESURFACING PROGRAM	2,990	-	123,687	144,243	-	0%	-
<i>Capital Projects</i>		<u>2,990</u>	<u>-</u>	<u>123,687</u>	<u>144,243</u>	<u>-</u>	<u>0%</u>	<u>-</u>
Total Appropriations		487,875	517,537	669,000	692,701	303,710	44%	555,772
ANNUAL SURPLUS/DEFICIT		65,284	65,806	(71,120)	(18,008)	(12,322)		49,741
Ending Balance:		2,893	68,699	-	(18,008)			31,733

MEASURE “R” FUND**FUND NO. 012****FUND OVERVIEW**

In November 2008, Measure “R” was approved by the State's voters committing a projected \$40 billion to traffic relief and transportation upgrades throughout the County over the next 30 years. The City receives these funds as an ongoing annual allotment, which is used for city street related maintenance and capital projects.

In Fiscal Year 2015-2016, the City leveraged the annual Measure R allocation by participating in the Total Roads Improvement Program (“TRIP”). Consequently, in Fiscal Year 2016-2017, the City received approximately \$2.5 million for street improvement projects in major transit corridors throughout the City. The annual debt service is secured by, and will be paid from, annual Measure R revenue through 2039. The City pledged approximately 67% of projected annual Measure R revenue, so there will still be some funding remaining for smaller projects.

MAJOR PROJECTS/PROGRAMS

- Total Road Improvement Program (TRIP) Repair and Improvement Projects
 - Annual Street Resurfacing
 - Pacoima Wash Bikeway Project

Fund: Measure R
Resp. Dept: Public Works

		Beginning Fund Balance:		2,336,160	1,528,617	1,185,890	498,919	76,636	
REVENUES		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
3210-0000	SALES AND USE TAXES	312,323	395,942	404,656	422,860	196,967	47%	410,969	
3500-0000	INTEREST INCOME	2,451	10,591	13,836	-	1,092	0%	-	
3500-3556	INTEREST INCOME-WILMINGTON TRUST	492	408	10,706	-	102	0%	-	
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(7,883)	(53,110)	10,282	-	40,830	0%	-	
3970-0000	TRANSFER FROM GENERAL FUND	-	-	-	-	-	0%	-	
Total Revenue		307,383	353,831	439,480	422,860	238,991	57%	410,969	

APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed	
012-180-0000-4124	RETIREMENT	-	-	-	-	-	0%	-	
012-310-0000-4101	SALARIES-PERMANENT EMPLOYEES	-	-	-	-	-	0%	-	
012-310-0000-4120	O.A.S.D.I.	-	-	-	-	-	0%	-	
012-310-0000-4126	HEALTH INSURANCE	-	-	-	-	-	0%	-	
012-310-0000-4128	DENTAL INSURANCE	-	-	-	-	-	0%	-	
012-310-0000-4129	RETIREE HEALTH SAVINGS	-	-	-	-	-	0%	-	
012-310-0000-4130	WORKERS COMPENSATION INS.	-	-	-	-	-	0%	-	
012-310-0000-4134	LONG TERM DISABILITY INSURANCE	-	-	-	-	-	0%	-	
012-310-0000-4136	OPTICAL INSURANCE	-	-	-	-	-	0%	-	
012-310-0000-4138	LIFE INSURANCE	-	-	-	-	-	0%	-	
012-311-0552-4101	SAFE ROUTES TO SCHOOL CYCLE 1	-	141	-	-	-	0%	-	
012-311-0552-4120	SAFE ROUTES TO SCHOOL CYCLE 1	-	11	-	-	-	0%	-	
012-311-0552-4124	SAFE ROUTES TO SCHOOL CYCLE 1	-	35	-	-	-	0%	-	
012-311-0552-4130	SAFE ROUTES TO SCHOOL CYCLE 1	-	10	-	-	-	0%	-	
012-311-0553-4101	SAFE ROUTES TO SCHOOL CYCLE 2	-	141	-	-	-	0%	-	
012-311-0553-4120	SAFE ROUTES TO SCHOOL CYCLE 2	-	11	-	-	-	0%	-	
012-311-0553-4124	SAFE ROUTES TO SCHOOL CYCLE 2	-	35	-	-	-	0%	-	
012-311-0553-4130	SAFE ROUTES TO SCHOOL CYCLE 2	-	10	-	-	-	0%	-	
<i>Personnel Costs</i>		-	396	-	-	-	0%	-	
012-190-0000-4265	ADMINISTRATIVE EXPENSE	1,008	3,871	4,658	2,584	2,814	109%	2,500	
012-310-0000-4270	PROFESSIONAL SERVICES	-	-	-	-	-	0%	-	
012-310-0000-4410	C.O.P. INTEREST	88,638	85,038	81,238	77,438	38,719	50%	72,438	
012-310-0000-4420	C.O.P. PRINCIPAL	90,000	95,000	95,000	100,000	-	0%	105,000	
<i>Operations & Maintenance Costs</i>		179,646	183,908	180,896	180,022	41,533	23%	179,938	

APPROPRIATIONS (Cont.)		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed	
012-311-0182-4600	PICO ST & SF RD IMPRV NO. 602080-19	-	54,905	1,057	-	-	0%	-	
012-311-0551-4600	PACOIMA WASH BIKEWAY MSRC	459	75	55,183	377,428	165,590	44%	-	
012-311-0552-4600	SAFE ROUTES TO SCHOOL CYCLE 1	-	910	999	18,091	-	0%	-	
012-311-0553-4600	SAFE ROUTES TO SCHOOL CYCLE 2	-	845	455	18,700	-	0%	-	
012-311-0558-4600	CITY WIDE STREET REPAIR PROJECT	-	-	-	-	-	0%	-	
012-311-0560-4600	CAPITAL PROJECTS	153,571	-	849,913	145,000	-	0%	200,000	
012-311-0562-4600	HSIP CYCLE 8 TRAFFIC SIGNAL IMPR H807046	9,160	-	-	95,000	-	0%	-	
012-311-0565-4600	GLEN OAKS BRIDGE FENCING	130	5,519	37,950	10,902	130	1%	-	
012-311-0620-4600	SF PARK INFILTRATION-LACFCD	-	450,000	-	-	-	0%	-	
012-311-3636-4600	SAFE ROUTES TO SCHOOL PROJECT	-	-	-	-	-	0%	-	
012-311-6673-4600	GLEN OAKS RESURFACING PROJECT	771,959	-	-	-	-	0%	-	
012-311-6674-4600	BRIDGE PREVENTIVE MAINT.	-	-	-	-	-	0%	-	
<i>Capital Projects</i>		935,279	512,253	945,557	665,121	165,719	25%	202,025	

Total Appropriations	1,114,925	696,558	1,126,453	845,143	207,252	25%	381,963	
-----------------------------	------------------	----------------	------------------	----------------	----------------	------------	----------------	--

ANNUAL SURPLUS/DEFICIT	(807,542)	(342,727)	(686,973)	(422,283)	31,739		29,006	
-------------------------------	------------------	------------------	------------------	------------------	---------------	--	---------------	--

Ending Balance:	1,528,617	1,185,890	498,919	76,636			105,642	
------------------------	------------------	------------------	----------------	---------------	--	--	----------------	--



TRAFFIC SAFETY FUND

FUND NO. 013

FUND OVERVIEW

This fund accounts for certain receipts from traffic fines levied by local courts that are restricted for certain uses as required by Section 1463 of the California Penal Code. The funds are transferred to the General Fund for traffic safety purposes and the remainder are used by Public Works for traffic safety and other authorized expenditures including, but not limited to, street markings, traffic signal maintenance and repairs, and pothole repairs.

Fund: Traffic Safety Fund
Resp. Dept: Public Works

Beginning Fund Balance:		8,591	9,527	9,527	12,603	15,103		
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
	3410-0000 VEHICLE CODE FINES	936	3,076	5,045	2,500	1,053	47%	2,000
	Total Revenue	936	3,076	5,045	2,500	1,053	47%	2,000
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Adopted
	013-190-0000-4901 TRANSFER TO GENERAL FUND	-	-	-	-	-	0%	0
	Transfers	-	-	-	-	-	0%	0
	Total Appropriations	-	-	-	-	-	0%	0
ANNUAL SURPLUS/DEFICIT		936	3,076	5,045	2,500	1,053		0
Ending Balance:		9,527	12,603	14,572	15,103	15,103		



CASH IN-LIEU OF PARKING FUND

FUND NO. 014

FUND OVERVIEW

This fund accounts for payment to the City by developers or property owners in lieu of providing the amount of parking required by the City's zoning ordinance. These funds can be used for capital expenditures related to public parking assets.

Funds will continue to accumulate until an appropriate project is identified by the City.

Fund: Cash In-lieu of Parking
 Resp. Dept: Community Development

Beginning Fund Balance:		458,878	516,473	516,473	497,484	497,484		
REVENUES		2021	2022	2023	2024	As of	2024	2025
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
	3500-0000 INTEREST INCOME	5,054	4,279	8,587	-	866	0%	-
	3508-0000 NET INCR/DECR FAIR VAL INVESTMENT	(4,807)	(23,267)	(5,597)	-	26,289	0%	-
	3854-0000 OFF STREET PARKING SPACES	57,348	-	-	-	-	0%	-
Total Revenue		57,595	(18,989)	2,990	-	27,155	0%	-
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/23	% Used	Adopted
	014-311-0000-4600 CAPITAL PROJECTS	-	-	-	-	-	0%	-
	Capital Projects	-	-	-	-	-	0%	-
Total Appropriations		-	-	-	-	-	0%	-
ANNUAL SURPLUS/DEFICIT		57,595	(18,989)	2,990	-	27,155		-
Ending Balance:		516,473	497,484	519,463	497,484	497,484		



LOCAL TRANSPORTATION FUND
(SB 325)

FUND NO. 015

FUND OVERVIEW

The Transportation Development Act (TDA) of 1971 provides funding for transit and non-transit related purposes that comply with regional transportation plans. TDA funds consist of the Local Transportation Fund (LTF), which is derived from a 1/4 cent of the general sales tax collected statewide and the State Transit Assistance fund (STA), which is derived from the statewide sales tax on gasoline and diesel fuel. Funds are annually allocated by the Metropolitan Transit Authority (MTA) and will be used for sidewalk improvements during the fiscal year.

MAJOR PROJECTS/PROGRAMS

- Sidewalk Repair Project

Fund: Local Transportation Fund
Resp. Dept: Public Works

		Beginning Fund Balance:		(14,377)	(14,377)	(14,377)	(37,305)			(37,305)
REVENUES		2021	2022	2023	2024	As of	2024	2025		
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed		
3500-0000 INTEREST INCOME		-	-	-	-	-	0%	-		
3695-0866 SIDEWALK REPAIR PROJECT		30,000	2,083	3,292	-	-	0%	77,740		
Total Revenues		30,000	2,083	3,292	-	-	0%	77,740		
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025		
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed		
015-190-0000-4480 COST ALLOCATION		-	-	-	-	-	0%	-		
Operations & Maintenance Costs		-	-	-	-	-	0%	-		
015-190-0000-4901 TRANSFER TO GENERAL FUND		-	-	-	-	-	0%	-		
Transfers		-	-	-	-	-	0%	-		
015-310-0000-4600 CAPITAL PROJECTS		-	-	-	-	-	0%	-		
015-310-0866-4600 CP-SIDEWALK REPAIR PROJECT		-	25,010	17,670	-	-	0%	37,935		
015-311-6673-4600 GLENOAKS RESURFACING PROJECT		30,000	-	-	-	-	0%	-		
Capital Projects		30,000	25,010	17,670	-	-	0%	37,935		
Total Appropriations		30,000	25,010	17,670	-	-	0%	37,935		
ANNUAL SURPLUS/DEFICIT		-	(22,928)	(14,378)	-	-		39,805		
Ending Balance:		(14,377)	(37,305)	(28,755)	(37,305)			2,500		



**AIR QUALITY MANAGEMENT DISTRICT
(AQMD) FUND**

FUND NO. 016

FUND OVERVIEW

This fund is used to account for South Coast Air Quality Management District (SCAQMD) revenues received by the City. Per AB 2766 (1990), a portion of the State Department of Motor Vehicle registration fee (\$4 per vehicle) is distributed to 89 cities in Los Angeles County. Thirty percent of fees collected are kept by the SCAQMD while 40% are distributed to cities. These funds may be used for various programs to reduce air pollution.

MAJOR PROJECTS/PROGRAMS

- Purchase low emission City vehicles

Fund: Air Quality Management District Fund
Resp. Dept: Public Works

Beginning Fund Balance:		113,385	154,449	154,449	172,842	200,842		
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
3500-0000	INTEREST INCOME	1,071	1,128	2,778	-	305	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(720)	(6,285)	(3,136)	-	8,850	0%	-
3605-0000	MOTOR VEHICLE IN-LIEU TAX	40,713	23,550	31,344	28,000	7,844	28%	30,000
3901-0000	MISCELLANEOUS REVENUE	-	-	-	-	-	0%	-
3910-0000	SALE OF PROPERTY & EQUIPMENT	-	-	-	-	350	0%	-
Total Revenues		41,064	18,393	30,986	28,000	17,349	62%	30,000
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/23	2024 % Used	2025 Proposed
016-152-0000-4500	CAPITAL EQUIPMENT	-	-	-	-	-	0%	-
016-225-0000-4500	CAPITAL EQUIPMENT	-	-	-	-	-	0%	-
016-310-3661-4270	PROFESSIONAL SERVICES	-	-	-	-	-	0%	-
016-310-3661-4500	CAPITAL EQUIPMENT	-	-	-	-	-	0%	-
016-310-3661-4600	CAPITAL PROJECTS	-	-	-	-	-	0%	-
016-311-0000-4500	CAPITAL EQUIPMENT	-	-	-	-	-	0%	-
016-371-0000-4500	CAPITAL EQUIPMENT	-	-	-	-	-	0%	-
Capital Projects		-	-	-	-	-	0%	-
Fund Total Appropriations		-	-	-	-	-	0%	-
ANNUAL SURPLUS/DEFICIT		41,064	18,393	30,986	28,000	17,349		30,000
Ending Balance:		154,449	172,842	185,435	200,842			230,842



**SELF-SUSTAINING RECREATIONAL
ACTIVITIES**

FUND NO. 017

FUND OVERVIEW

The Self-sustaining Recreational Activities fund accounts for part-time staff salaries, equipment and supplies, and contracted instructor salaries for recreation programs and activities that generate revenue through user fees. Programs accounted for in this fund include, but are not limited to, sports leagues, day camp, exercise & dance classes, karate, and other fee based programs/activities.

MAJOR PROJECTS/PROGRAMS

- Additional Youth and Adult Recreation Programs

Fund: Self Sustaining Recreation Programs
Resp. Dept: Recreation & Community Services

		Beginning Fund Balance:		24,006	27,754	(7,268)	(30,673)	(25,776)	
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed	
3770-1221	SENIOR YOGA	-	-	-	4,000	-	0%	-	
3770-1321	SENIOR YOGA	-	-	1,636	-	1,704	0%	5,200	
3770-1322	SENIOR AEROBICS	720	2,824	5,088	6,000	3,021	50%	10,000	
3770-1323	SENIOR MUSIC	-	2,488	4,579	4,500	2,975	66%	8,500	
3770-1326	KARATE	(40)	3,289	4,359	6,500	2,114	33%	10,200	
3770-1327	TENNIS/PICKLEBALL	-	7,845	9,471	11,500	1,042	9%	8,000	
3770-1328	YOUTH SPORTS	1,180	20,104	16,047	30,000	5,668	19%	23,000	
3770-1330	YOUTH BASEBALL	5,090	20,148	32,908	50,000	15,058	30%	35,000	
3770-1332	YOUTH SOCCER	2,510	9,158	3,211	8,000	(50)	-1%	8,000	
3770-1334	ADULT SPORTS	(320)	1,971	1,801	5,000	2,416	48%	10,000	
3770-1337	AEROBICS	1,039	9,361	15,116	15,000	5,808	39%	15,000	
3770-1339	LINE DANCE CLASS	-	899	576	1,000	24	2%	8,400	
3770-1340	SOCCER SCHOOL	-	9	-	-	-	0%	-	
3770-1342	TINY TOTS RECREATION CLASSES	-	-	4	-	-	0%	-	
3770-1343	ART RECREATION CLASSES	-	-	-	3,900	87	2%	3,500	
3770-1354	ADMINISTRATIVE FEES	-	3,398	7,557	8,500	3,258	38%	-	
3770-1355	VETERANS PROGRAM	2,630	350	6,550	7,800	-	0%	-	
3770-1362	FOLK DANCE	300	6,359	9,646	9,500	2,955	31%	10,500	
3770-1364	REC PROGRAMS	-	-	-	600	-	0%	3,000	
3770-1380	L P SR CHECKBOOK	-	45	-	-	-	0%	-	
3770-1395	5K RUNNING RACE	9,235	-	-	5,000	1,300	26%	4,500	
3770-1396	FOUNDATION PARK & REC PROGRAM	-	100	75	-	-	0%	-	
3770-1399	PARK REC PROG-DAY CAMP PROGRAM	17,750	40,378	58,313	87,500	31,370	36%	90,000	
3970-0000	TRANSFER FROM GENERAL FUND	-	25,000	-	51,360	25,680	50%	-	
Total Revenues		40,094	153,725	176,937	315,660	104,430	33%	252,800	
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed	
017-420-0000-4101	SALARIES-PERMANENT EMPLOYEES	1,395	30,407	399	-	608	0%	-	
017-420-0000-4103	WAGES-TEMPORARY & PART-TIME	300	-	135	-	-	0%	-	
017-420-0000-4105	OVERTIME	-	924	17	-	-	0%	-	
017-420-0000-4120	O.A.S.D.I.	129	2,397	42	-	47	0%	-	
017-420-0000-4124	RETIREMENT	403	5,791	16	-	-	0%	-	
017-420-0000-4126	HEALTH INSURANCE	4,944	7,184	-	-	-	0%	-	
017-420-0000-4128	DENTAL INSURANCE	632	632	-	-	-	0%	-	
017-420-0000-4130	WORKER'S COMPENSATION INS.	123	2,278	46	-	46	0%	-	
017-420-0000-4136	OPTICAL INSURANCE	107	107	-	-	-	0%	-	
017-420-0000-4138	LIFE INSURANCE	322	275	156	-	42	0%	-	
017-420-0000-4435	BANK CHARGES	-	3,245	6,527	-	2,488	0%	-	
017-420-1378-4101	SALARIES-PERMANENT EMPLOYEES	-	-	-	-	264	0%	-	
017-420-1378-4120	O.A.S.D.I.	-	-	-	-	20	0%	-	
017-420-1378-4130	WORKER'S COMPENSATION INS.	-	-	-	-	4	0%	-	
017-420-1399-4101	DAY CAMP-SALARIES PERM. EMP.	150	568	2,179	-	620	0%	-	
017-420-1399-4103	DAY CAMP WAGES-TEMP & P/T	13,108	38,688	54,357	75,032	44,849	60%	65,809	
017-420-1399-4105	DAY CAMP OVERTIME	-	-	-	-	-	0%	-	
017-420-1399-4120	DAY CAMP-O.A.S.D.I.	1,014	3,003	4,325	4,440	3,479	78%	5,035	
017-420-1399-4124	DAY CAMP-RETIREMENT	702	636	301	3,308	312	9%	-	
017-420-1399-4130	DAY CAMP-WRKRS. COMP. INS.	964	2,828	4,223	4,620	3,514	76%	3,949	
017-420-1399-4138	DAY CAMP-LIFE INS.	-	-	-	-	-	0%	429	
<i>Personnel Costs</i>		<i>24,295</i>	<i>98,962</i>	<i>72,723</i>	<i>87,400</i>	<i>56,293</i>	<i>64%</i>	<i>75,222</i>	
017-420-1321-4260	CONTRACTUAL SERVICES	-	-	1,181	3,500	490	14%	3,800	
017-420-1321-4300	DEPARTMENT SUPPLIES	-	-	115	500	-	0%	500	
017-420-1322-4260	CONTRACTUAL SERVICES	870	2,300	5,600	5,400	270	5%	8,350	
017-420-1322-4300	DEPARTMENT SUPPLIES	-	-	16	600	-	0%	500	

Fund: Self Sustaining Recreation Programs
Resp. Dept: Recreation & Community Services

APPROPRIATIONS (Cont.)		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
017-420-1323-4260	CONTRACTUAL SERVICES	-	2,359	3,740	6,400	3,300	52%	8,400
017-420-1326-4260	CONTRACTUAL SERVICES	-	2,016	3,433	4,500	1,616	36%	8,000
017-420-1326-4300	DEPARTMENT SUPPLIES	-	-	-	-	-	0%	1,500
017-420-1327-4260	CONTRACTUAL SERVICES	-	5,430	7,150	7,600	553	7%	7,600
017-420-1327-4300	DEPARTMENT SUPPLIES	59	-	580	500	-	0%	400
017-420-1328-4260	CONTRACTUAL SERVICES	-	11,115	13,045	20,000	4,714	24%	13,000
017-420-1328-4300	DEPARTMENT SUPPLIES	-	5,780	5,893	10,000	3,518	35%	7,500
017-420-1330-4260	YOUTH BASEBALL	-	21,656	28,027	30,000	13,621	45%	20,800
017-420-1330-4300	DEPARTMENT SUPPLIES	-	12,700	21,677	20,000	5,239	26%	10,000
017-420-1332-4260	CONTRACTUAL SERVICES	-	7,755	1,859	6,500	-	0%	7,000
017-420-1332-4300	DEPARTMENT SUPPLIES	-	499	-	500	-	0%	1,000
017-420-1334-4260	CONTRACTUAL SERVICES	-	-	-	500	-	0%	500
017-420-1334-4300	DEPARTMENT SUPPLIES	-	960	334	4,500	924	21%	2,000
017-420-1335-4300	DEPARTMENT SUPPLIES	-	-	-	-	-	0%	-
017-420-1337-4260	CONTRACTUAL SERVICES	375	6,957	10,221	13,000	4,799	37%	14,000
017-420-1337-4300	DEPARTMENT SUPPLIES	-	-	886	2,000	398	20%	1,000
017-420-1339-4260	CONTRACTUAL SERVICES	-	434	333	900	70	8%	5,880
017-420-1339-4300	DEPARTMENT SUPPLIES	-	-	-	200	-	0%	1,000
017-420-1343-4260	CONTRACTUAL SERVICES	19	-	-	2,800	19	1%	2,800
017-420-1343-4300	ART RECREATION CLASSES	-	33	-	600	-	0%	1,000
017-420-1354-4260	ADMINISTRATIVE FEES	-	-	-	8,203	-	0%	-
017-420-1355-4260	CONTRACTUAL SERVICES	-	-	-	-	-	0%	2,000
017-420-1355-4300	VETERANS PROGRAM	2,520	-	5,846	5,000	-	0%	2,000
017-420-1362-4260	CONTRACTUAL SERVICES	290	4,316	6,418	7,000	2,703	39%	7,900
017-420-1364-4260	CONTRACTUAL SERVICES	-	-	-	500	-	0%	2,500
017-420-1364-4300	DEPARTMENT SUPPLIES	-	-	-	-	-	0%	500
017-420-1395-4260	CONTRACTUAL SERVICES	3,436	(280)	-	2,500	875	35%	2,250
017-420-1395-4300	DEPARTMENT SUPPLIES	2,605	-	-	1,500	303	20%	1,500
017-420-1399-4260	DAY CAMP-CONTRACTUAL SRVCS.	37	193	-	1,200	-	0%	1,200
017-420-1399-4300	DAY CAMP-DEPT. SUPPLIES	1,840	5,562	11,265	5,600	2,733	49%	5,000
<i>Operations & Maintenance Costs</i>		<i>12,051</i>	<i>89,785</i>	<i>127,619</i>	<i>172,003</i>	<i>91,436</i>	<i>53%</i>	<i>151,380</i>
017-420-0000-4500	CAPITAL EXPENSES	-	-	-	51,360	469	1%	-
<i>Capital Costs</i>		-	-	-	51,360	469	1%	-
Total Appropriations		36,346	188,747	200,342	310,763	148,198	48%	226,602
ANNUAL SURPLUS/DEFICIT		3,748	(35,022)	(23,405)	4,897	(43,768)		26,198
Ending Balance:		27,754	(7,268)	(30,673)	(25,776)			422



RETIREMENT FUND

FUND NO. 018

FUND OVERVIEW

This fund is used to account for receipts from a voter-approved special tax levy to pay pension costs related to the City's membership in the Public Employees Retirement System (PERS). Currently, the revenue generated by the special levy are sufficient to fully fund PERS pension costs. The special tax levy is crucial in meeting the City's annual pension obligation. Without the special tax levy, the City would have to make significant cuts to services to pay the PERS pension obligation from General Fund revenues.

Fund: Retirement Fund
Resp. Dept: Finance

		Beginning Fund Balance:	11,555,394	11,743,822	9,435,544	10,370,215			9,962,141
REVENUES			2021	2022	2023	2024	As of	2024	2025
Account Number & Title			Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3110-0000	SECURED PROPERTY TAXES-CURR YR		3,044,413	2,639,954	4,716,287	2,922,568	1,961,951	67%	4,715,000
3120-0000	UNSECURED PROPERTY TAXES C/Y		67,515	71,387	443,634	-	46,754	0%	300,000
3130-0000	PRIOR YEARS PROPERTY TAXES		3,011	3,531	(12,637)	-	(2,117)	0%	-
3150-0000	PROPERTY TAX PENALTIES & INT		113,649	72,804	55,225	-	30,948	0%	55,000
3175-0000	PROJECT 4 TAX LEVY		-	-	-	-	-	0%	-
3181-0000	PROJECT 1 TAX LEVY		149,352	110,317	2,718	174,597	-	0%	-
3183-0000	PROJECT 1A TAX LEVY		154,665	159,943	3,787	198,842	-	0%	-
3185-0000	PROJECT 2 TAX LEVY		139,101	111,380	3,352	141,149	-	0%	-
3188-0000	PROJECT 3 TAX LEVY		306,299	256,045	5,622	362,507	-	0%	-
3191-0000	PROJECT 3A TAX LEVY		824,151	699,844	30,915	879,259	-	0%	-
3500-0000	INTEREST INCOME		59,555	86,410	120,140	-	10,334	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT		(71,286)	(215,434)	(144,795)	-	325,481	0%	-
3625-0000	HOMEOWNERS PROPERTY TAX RELIEF		26,186	21,771	23,732	-	3,460	0%	25,000
3903-0000	EMPLOYEES PENSION CONTRIBUTION		110,504	147,774	195,680	100,000	94,506	95%	150,000
3945-0000	BOND PROCEEDS		-	31,780,000	-	-	-	0%	-
3970-0000	TRANSFER FROM GENERAL FUND		-	-	-	176,333	-	0%	176,333
3992-0000	TRANSFER FROM SEWER FUND		-	-	-	12,434	-	0%	12,434
3995-0000	TRANSFER FROM WATER FUND		-	-	-	12,434	-	0%	12,434
Total Revenue			4,927,114	35,945,724	5,443,660	4,980,123	2,471,317	50%	5,446,201

APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
018-101-0000-4124	RETIREMENT	2,846	2,885	3,365	13,233	1,736	13%	4,420
018-102-0000-4124	RETIREMENT	-	-	-	-	-	0%	-
018-105-3689-4124	RETIREMENT	7,625	2,218	-	-	-	0%	-
018-105-0000-4124	RETIREMENT	52,908	63,366	75,653	80,134	42,299	53%	84,417
018-106-0000-4124	RETIREMENT	52,055	60,560	68,413	70,285	36,006	51%	-
018-106-3689-4124	RETIREMENT	57	-	-	-	-	0%	-
018-107-0000-4124	RETIREMENT	-	-	2,053	12,672	5,046	40%	17,937
018-115-0000-4124	RETIREMENT	26,355	29,556	31,850	33,341	17,274	52%	36,137
018-115-3689-4124	RETIREMENT	35	-	-	-	-	0%	-
018-116-0000-4124	RETIREMENT	52	64	-	-	-	0%	-
018-130-0000-4124	RETIREMENT	68,029	84,986	89,435	88,265	45,739	52%	94,973
018-130-3689-4124	RETIREMENT	1,908	137	-	-	-	0%	-
018-131-0000-4124	RETIREMENT	8,564	28	-	-	-	0%	-
018-133-0000-4124	RETIREMENT	-	-	-	-	-	0%	56,365
018-135-0000-4124	RETIREMENT	-	-	2,138	10,055	4,980	50%	10,650
018-140-0000-4124	RETIREMENT	14,102	4,527	8,599	9,823	3,860	39%	15,593
018-150-0000-4124	RETIREMENT	39,168	22,126	17,181	22,174	10,080	45%	18,394
018-150-3689-4124	RETIREMENT	944	-	-	-	-	0%	-
018-152-0000-4124	RETIREMENT	30,684	33,239	41,204	42,436	22,452	53%	53,530
018-152-3689-4124	RETIREMENT	7,671	1,422	-	-	-	0%	-
018-155-0000-4124	RETIREMENT	-	-	5,571	9,748	3,875	40%	11,192
018-190-0000-4124	RETIREMENT	2,607,585	34,121,051	593,802	1,312,332	858,008	65%	1,078,021
018-190-0000-4127	RETIRED EMP. HEALTH INS.	-	-	-	-	-	0%	-
018-190-0000-4265	ADMINISTRATIVE EXPENSE	-	565,568	4,750	-	641	0%	-
018-190-0000-4270	PROFESSIONAL SERVICES	-	-	-	-	-	0%	-
018-222-0000-4124	RETIREMENT	158,701	162,957	174,132	194,535	106,159	55%	153,765
018-222-3689-4124	RETIREMENT	108	-	-	-	-	0%	-
018-224-0000-4124	RETIREMENT	180,505	171,520	161,080	217,574	90,653	42%	191,055
018-224-3689-4124	RETIREMENT	3,361	-	-	-	-	0%	-
018-225-0000-4124	RETIREMENT	759,234	728,234	788,199	829,435	520,398	63%	955,023
018-225-3689-4124	RETIREMENT	-	258	-	-	-	0%	-
018-226-0000-4124	RETIREMENT	-	-	1,173	-	238	0%	-
018-230-0000-4124	RETIREMENT	40,037	30,849	40,227	38,591	15,233	39%	38,431
018-310-0000-4124	RETIREMENT	53,246	43,922	63,975	59,894	33,980	57%	78,257
018-310-3689-4124	RETIREMENT	133	-	-	-	-	0%	-
018-311-0000-4124	RETIREMENT	4,849	4,308	41,259	44,713	22,026	49%	52,682
018-312-0000-4124	RETIREMENT	-	-	-	6,012	2,604	43%	5,154

Fund: Retirement Fund
Resp. Dept: Finance

APPROPRIATIONS (Cont.)		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
018-346-0000-4124	RETIREMENT	3,157	6,612	5,921	15,926	9,504	60%	6,678
018-370-0000-4124	RETIREMENT	4,487	3,528	4,485	15,658	8,300	53%	16,031
018-420-0000-4124	RETIREMENT	52,401	50,424	47,757	35,799	19,201	54%	36,683
018-422-0000-4124	RETIREMENT	5,446	4,838	10,015	21,744	11,833	54%	28,878
018-423-0000-4124	RETIREMENT	20,459	11,652	17,153	24,384	12,568	52%	25,951
018-424-0000-4124	RETIREMENT	3,721	15,340	12,801	20,102	9,825	49%	16,815
<i>Personnel Costs</i>		<u>4,213,630</u>	<u>36,227,056</u>	<u>2,312,191</u>	<u>3,228,865</u>	<u>1,959,809</u>	<u>61%</u>	<u>3,087,032</u>
018-101-0000-4450	OTHER EXPENSE	4,025	3,203	1,934	5,000	-	0%	5,000
018-190-0000-4450	OTHER EXPENSE	2,450	2,950	2,450	5,000	2,450	49%	5,000
018-190-0000-4480	COST ALLOCATION	518,581	518,580	450,288	405,832	202,916	50%	489,580
<i>Operations & Maintenance Costs</i>		<u>525,056</u>	<u>524,733</u>	<u>454,672</u>	<u>415,832</u>	<u>205,366</u>	<u>49%</u>	<u>499,580</u>
018-190-0872-4405	PENSION OBLIGATION BONDS-INTEREST	-	262,214	712,126	708,500	708,500	100%	702,518
018-190-0872-4429	PENSION OBLIGATION BONDS-PRINC.	-	1,240,000	1,030,000	1,035,000	1,035,000	100%	1,040,000
<i>Pension Obligation Bonds</i>		<u>-</u>	<u>1,502,214</u>	<u>1,742,126</u>	<u>1,743,500</u>	<u>1,743,500</u>	<u>100%</u>	<u>1,742,518</u>
Total Appropriations		4,738,686	38,254,003	4,508,989	5,388,197	3,908,675	73%	5,329,130
ANNUAL SURPLUS/DEFICIT		188,428	(2,308,278)	934,671	(408,074)	(1,437,358)		117,071
Ending Balance:		11,743,822	9,435,544	10,370,215	9,962,141			10,079,212



QUIMBY ACT FEES

FUND NO. 019

FUND OVERVIEW

Local governments in California provide a critical role in the effort to set aside parkland and open space for recreational purposes. Since passage of the 1975 Quimby Act (Government Code Section 66477), cities and counties have been authorized to pass ordinances requiring developers to set aside land, donate conservation easements, or pay fees for park improvements. The goal of the Quimby Act is to require developers to help mitigate the impacts of property improvements. This fund is set up to account for receipts from developers who elect to pay fees for park improvements rather than set aside land or donate conservation easements.

Fund: Quimby Act Fees
Resp. Dept: Public Works

Beginning Fund Balance:		4	2	2	33,844			33,844
REVENUES		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Adopted
3500-0000	INTEREST INCOME	2	1	502	-	59	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(2)	(7)	(1,790)	-	1,796	0%	-
3880-0000	QUIMBY PARK FEES	-	-	35,130	-	-	0%	-
3901-0000	MISCELLANEOUS REVENUE	(2)	-	-	-	(1)	0%	-
Total Revenue		(2)	(6)	33,842	-	1,854	0%	-
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
019-423-0118-4101	HRP PROGRAM	-	-	-	-	-	0%	-
019-423-0118-4102	HRP PROGRAM	-	-	-	-	-	0%	-
019-423-0118-4103	HRP PROGRAM	-	-	-	-	-	0%	-
019-423-0201-4105	OVERTIME	-	-	-	-	-	0%	-
Personnel Costs		-	-	-	-	-	-	-
019-430-0000-4330	BLDG MAINT & REPAIRS	-	-	-	-	-	0%	-
Operations & Maintenance Costs		-	-	-	-	-	-	-
019-423-0201-4600	CAPITAL PROJECTS	-	-	-	-	-	0%	-
019-423-3708-4600	LAYNE PARK PLAYGROUND	-	-	-	-	-	0%	-
Capital Projects		-	-	-	-	-	-	-
Total Appropriations		-	-	-	-	-	-	-
ANNUAL SURPLUS/DEFICIT		(2)	(6)	33,842	-	1,854		-
Ending Balance:		2	(4)	33,844	33,844			33,844



ASSET SEIZURE – STATE

FUND NO. 020

FUND OVERVIEW

This fund is used to account for receipts and disbursements of state seized and forfeited assets resulting from the sale of controlled substances.

MAJOR PROJECTS/PROGRAMS

- Accumulate Funds to be used in conjunction with federal asset seizure funds to purchase for technology upgrades for the City’s virtual patrol video network.

Fund: State Asset Seizure
Resp. Dept: Police

		Beginning Fund Balance:		9,113	10,008	9,859	308	308	308
REVENUES		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
3500-0000	INTEREST INCOME	63	84	19	-	1	0%		
3508-0000	NET INCR/DECR FAIR VALUE	(436)	(446)	391	-	16	0%	-	
3875-0000	ASSET FORFEITURE FUND	7,660	213	-	-	-	0%	-	
Total Revenue		7,287	(149)	410	-	17	0%	-	
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
020-222-0000-4450	OTHER EXPENSE	-	-	-	-	-	0%	-	
020-222-0000-4500	CAPITAL EQUIPMENT	-	-	-	-	-	0%	-	
020-225-0000-4500	CAPITAL EXPENSES	6,392	-	9,961	-	-	0%	-	
Capital Costs		6,392	-	9,961	-	-	0%	-	
Total Appropriations		6,392	-	9,961	-	-	-	-	
ANNUAL SURPLUS/DEFICIT		895	(149)	(9,551)	-	17			
Ending Balance:		10,008	9,859	308	308			308	



ASSET SEIZURE – FEDERAL

FUND NO. 021

FUND OVERVIEW

This fund is used to account for receipts and disbursements of federal seized and forfeited assets resulting from the sale of controlled substances.

MAJOR PROJECTS/PROGRAMS

- Accumulate Funds to be used in conjunction with State asset seizure funds to purchase for technology upgrades for the City’s virtual patrol video network.

Fund: Federal Asset Seizure
 Resp. Dept: Police

Beginning Fund Balance:		8,906	8,904	8,573	174	174		
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Adopted
3500-0000	INTEREST AND RENTS	96	74	14	-	-	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(98)	(405)	350	-	9	0%	-
3875-0000	ASSET FORFEITURE FUND	-	-	-	-	-	0%	-
Total Revenue		(2)	(331)	364	-	9	0%	-
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Adopted
021-222-0000-4500	CAPITAL EXPENSES	-	-	-	-	-	0%	-
021-225-0000-4500	CAPITAL EXPENSES	-	-	8,763		-	0%	-
Capital Costs		-	-	8,763	-	-	0%	-
Total Appropriations		-	-	8,763	-	-	0%	-
ANNUAL SURPLUS/DEFICIT		(2)	(331)	(8,399)	-	9	0%	-
Ending Balance:		8,904	8,573	174	174	174		



**SURFACE TRANSPORTATION
PROGRAM – LOCAL (STPL)**

FUND NO. 022

FUND OVERVIEW

The Surface Transportation Program (STP) provides flexible funding that may be used by localities for projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on any public road, pedestrian and bicycle infrastructure, and transit capital projects, including intercity bus terminals.

MAJOR PROJECTS/PROGRAMS

- Sidewalk Repair Project
- Curb & Gutter

Fund: Surface Transportation Program - Local
Resp. Dept: Public Works

Beginning Fund Balance:		5,557	5,555	5,349	246,806	(4,081)		
REVENUES		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Adopted
3500-0000 INTEREST INCOME		60	46	3,388	-	430	0%	-
3508-0000 NET INCR/DECR FAIR VAL INVESTMENT		(61)	(253)	(12,818)	-	13,042	0%	-
3664-0000 SURFACE TRANSP. PROG.-LOCAL FUND (STP-L)		-	-	137,330	-	-	0%	-
3932-0000 HIGHWAY INFRASTRUCTURE PROGRAM (HIP)		-	-	113,557	-	-	0%	-
Total Revenue		(1)	(206)	241,457	-	13,472	0%	-
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Adopted
022-311--0000-4101 SALARIES-PERMANENT EMPLOYEES		-	-	-	-	-	0%	-
022-311-0560-4270 STREET RESURFACING PROGRAM		-	-	-	-	-	0%	-
022-311-0000-4600 CAPITAL PROJECTS		-	-	-	250,887	-	0%	-
<i>Capital Projects</i>		-	-	-	250,887	-	0%	-
Total Appropriations		-	-	-	250,887	-	0%	-
ANNUAL SURPLUS/DEFICIT		(1)	(206)	241,457	(250,887)	13,472		-
Ending Balance:		5,555	5,349	246,806	(4,081)	(4,081)		

MEASURE “W” FUND**FUND No. 023****FUND OVERVIEW**

SCWP, also known as Measure W, was an initiative placed on the ballot in 2018 and approved by Los Angeles County voters. The goals of SCWP are to improve and protect water quality, increase the number of gallons of water captured each year to increase the supply of safe drinking water and prepare for future droughts, and protect public health and marine life by reducing pollution, trash, toxins and plastics that make it to local waterways and beaches. The City began receiving its allocation in FY 2020-2021, which are allocated to each local jurisdiction in Los Angeles County on a per capita basis.

MAJOR PROJECTS/PROGRAMS

- Catch basin maintenance efforts, compliance monitoring, and reporting as required by the National Pollutant Discharge Elimination System (NPDES) permit. Sweeping of City-owned Parking lots, alleys, and trash enclosures in Downtown Mall area.
- Downtown Mall solid waste management options (trash enclosures, trash compactors, other options)

Fund: Measure W Fund - SCW Program
Resp. Dept: Public Works

		Beginning Fund Balance:		-	217,551	350,273	464,124		57,266
REVENUES		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
3110-0000	TAX INCREMENT	267,325	277,266	275,319	283,000	-	0%	275,000	
3500-0000	INTEREST INCOME	1,312	3,065	8,156	-	814	0%	-	
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	1,300	(17,479)	(10,193)	-	26,372	0%	-	
Total Revenue		269,938	262,851	273,282	283,000	27,186	10%	275,000	
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
023-190-0000-4480	COST ALLOCATION	-	-	6,480	10,290	5,145	50%	12,401	
Operations & Maintenance Costs		-	-	6,480	10,290	5,145	50%	12,401	
023-311-0000-4260	CONTRACTUAL SERVICES	-	46,302	55,068	72,932	45,652	63%	75,000	
023-311-0000-4270	PROFESSIONAL SERVICES	44,887	83,828	89,805	80,000	28,032	35%	95,000	
023-311-0000-4600	CAPITAL PROJECTS	-	-	-	99,715	23,768	24%	-	
023-341-6556-4600	SF MALL TRASH MANAGEMENT SYST.	7,500	-	3,000	412,000	-	0%	-	
023-384-0000-4270	PROFESSIONAL SERVICES	-	-	5,079	14,922	-	0%	-	
Capital Projects		52,387	130,129	152,952	679,569	97,452	14%	170,000	
Total Appropriations		52,387	130,129	159,432	689,859	102,597	15%	182,401	
ANNUAL SURPLUS/DEFICIT		217,551	132,722	113,850	(406,859)	(75,411)		92,599	
Ending Balance:		217,551	350,273	464,124	57,266			149,865	



MEASURE “M” FUND

FUND NO. 024

FUND OVERVIEW

In November 2016, Los Angeles County voters approved a ½ cent traffic relief tax that will be used to repave local streets, potholes and traffic signals, as well as expand the rail and rapid transit system with the overall objective of easing traffic congestion for Angelenos. The City began receiving the Local Return portion of Measure M in FY 2017-2018, which are allocated to each local jurisdiction in Los Angeles County on a per capita basis.

MAJOR PROJECTS/PROGRAMS

- Annual Street Resurfacing Project
- Pacoima Wash Bikeway Project
- Citywide Traffic Signal Synchronization Project
- HSIP Cycle 8 Traffic Sign Improvements Project

Fund: Measure M Fund
Resp. Dept: Public Works

		Beginning Fund Balance:	738,397	1,082,825	1,082,825	388,535		128,758
REVENUES		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3210-0000	SALES AND USE TAXES	353,873	448,054	457,752	450,000	185,400	41%	465,765
3500-0000	INTEREST INCOME	10,076	11,267	28,420	-	1,158	0%	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(6,259)	(63,369)	(30,473)	-	88,454	0%	-
Total Revenue		357,690	395,951	455,699	450,000	275,012	61%	465,765
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
024-311-0000-4600	CAPITAL PROJECTS	-	-	-	67,500	13,858	21%	-
024-311-0157-4600	SAN FERNANDO RD REHAB NO. 601994-18	-	-	-	-	-	0%	-
024-311-0551-4600	PACOIMA WASH BIKEWAY MSRC	-	16,270	196,678	15,050	5,509	37%	-
024-311-0560-4600	STREET RESURFACING PROGRAM	-	16,828	1,267,050	345,000	-	0%	450,000
024-371-0510-4600	SIGNAL IMPROVEMENTS	-	-	780	193,104	38,228	20%	-
024-371-0569-4600	GLENOAKS/ARROYO CURB MODIFICATIONS	-	-	1,556	30,945	15,724	51%	-
024-371-0562-4600	HSIP CYCLE 8 TRAFFIC SIGNAL IMPR H807046	13,261	29,182	10,950	58,178	5,562	10%	-
Capital Projects		13,261	62,280	1,477,014	709,777	78,881	11%	450,000
Total Appropriations		13,261	62,280	1,477,014	709,777	78,881	11%	450,000
ANNUAL SURPLUS/DEFICIT		344,429	333,671	(1,021,315)	(259,777)	196,131		15,765
Ending Balance:		1,082,825	1,416,496	61,510	128,758			144,523



**ROAD MAINTENANCE AND
REHABILITATION FUND (SB1)**

FUND NO. 025

FUND OVERVIEW

This fund accounts for revenues received from the State pursuant to the Road Maintenance and Rehabilitation Program (SB1) to address deferred maintenance on the State Highways system and local street and road system. A percentage of this funding is apportioned to eligible cities (including San Fernando) and counties pursuant to Streets and Highways Code section 2032(h) for basic road maintenance, rehabilitation, and critical safety projects on the local streets and roads system.

MAJOR PROJECTS/PROGRAMS

- Annual Street Resurfacing Project

Fund: Road Maintenance and Rehab Act Fund (SB1)

Resp. Dept: Public Works

		Beginning Fund Balance:		693,114	1,165,635	1,165,635	203,331	(84,514)	
REVENUES		2021	2022	2023	2024	As of	2024	2025	
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
3500-0000	INTEREST INCOME	9,752	11,818	22,270	-	1,060	0%	-	
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(4,531)	(66,232)	(375)	-	61,169	0%	-	
3623-0000	RMRA TAX ALLOCATION SECT 2032	467,301	492,819	527,766	584,584	196,393	34%	605,208	
Total Revenue		472,522	438,405	549,661	584,584	258,622	44%	605,208	
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025	
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
025-311-0000-4600	CAPITAL PROJECTS	-	-	-	-	-	0%	-	
025-311-0182-4600	PICO ST & SF RD IMPRV NO. 602080-19	-	49,954	-	-	-	0%	-	
025-311-0560-4600	STREET RESURFACING PROGRAM	-	16,828	1,717,752	865,765	-	0%	420,500	
025-311-0565-4600	GLEANOAKS BRIDGE FENCING	-	-	165,836	6,664	3,012	45%	-	
<i>Capital Projects</i>		-	66,782	1,883,588	872,429	3,012	0%	420,500	
Total Appropriations		-	66,782	1,883,588	872,429	3,012	0%	420,500	
ANNUAL SURPLUS/DEFICIT		472,522	371,623	(1,333,927)	(287,845)	255,610		184,708	
Ending Balance:		1,165,635	1,537,258	(168,292)	(84,514)			100,194	



**COMMUNITY DEVELOPMENT BLOCK
GRANT (CDBG)**

FUND NO. 026

FUND OVERVIEW

The Community Development Block Grant (CDBG) program is a flexible federal program that provides communities with resources to address a wide range of unique community development needs. The City's CDBG funds have been committed to pay debt service on a Section 108 Loan that was taken out by the City to pay for construction of the San Fernando Regional Pool. Since the City leased pool operations to LA County in FY 2014-2015, the City's annual allocation of CDBG funds are available for other projects that meet CDBG guidelines. In FY 2019-2020 and FY 2020-2021, the City received approval for a street overlay and improvement project in qualifying census tracts. In FY 2021-2022, the City use funds for a business assistance grant program.

Fund: Community Development Block Grant
Resp. Dept: Community Development

Beginning Fund Balance:		24,459	24,814	24,814	-	-	-	-
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
3693-0127	ALEXANDER ST OVERLAY PROJ.#601819-16	-	-	-	-	-	0%	-
3693-0138	HUNTINGTON ST. OVERLAY PROJ #601716-16	-	-	-	-	-	0%	-
3693-0157	SAN FERNANDO ROAD REHAB	-	-	-	-	-	0%	-
3693-0159	SF RD STREET, CURB, GUTTER REHAB.	-	-	-	-	-	0%	-
3693-0182	PICO ST & SF RD IMPRV NO. 602080-19	22,000	471,487	51,971	-	-	0%	-
3693-0185	BUSINESS ASSISTANCE PRG NO. 602498-21	-	19,110	-	21,503	-	0%	-
3693-0329	PPE BUSINESS ASSISTANCE CV 1089-19	18,345	-	-	-	-	0%	-
3693-0336	RESIDENTIAL FOOD DISTRIBUTION CV 1088-19	108,127	-	-	-	-	0%	-
3693-0561	NEIGHBORHOOD CLEANUP PROGRAM	-	-	-	25,000	-	0%	-
3693-7533	FINANCIAL LITERACY	-	-	-	20,000	-	0%	-
3693-8530	WATER BILL ASSISTANCE PROGRAM	-	-	-	-	-	0%	-
3693-0887	RESIDENT RECREATION PROG SCHOLARSHIPS	-	-	5,476	20,000	623	3%	-
Total Revenue		148,472	490,597	57,447	86,503	623	1%	-

APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
026-311-0127-4101	ALEXANDER ST OVERLAY PROJ. #601819-16	-	-	-	-	-	0%	-
026-311-0127-4120	ALEXANDER ST OVERLAY PROJ. #601819-16	-	-	-	-	-	0%	-
026-311-0127-4130	ALEXANDER ST OVERLAY PROJ. #601819-16	-	-	-	-	-	0%	-
026-311-0127-4136	ALEXANDER ST OVERLAY PROJ. #601819-16	-	-	-	-	-	0%	-
026-311-0138-4101	SALARIES-PERMANENT EMPLOYEES	-	-	-	-	-	0%	-
026-311-0138-4120	O.A.S.D.I.	-	-	-	-	-	0%	-
026-311-0138-4126	HUNTINGTON ST PROJECT	-	-	-	-	-	0%	-
026-311-0138-4128	HUNTINGTON ST PROJECT	-	-	-	-	-	0%	-
026-311-0138-4130	WORKER'S COMPENSATION INS.	-	-	-	-	-	0%	-
026-311-0138-4136	HUNTINGTON ST PROJECT	-	-	-	-	-	0%	-
<i>Personnel Costs</i>		-	-	-	-	-	0%	-
026-152-0561-4260	NEIGHBORHOOD CLEANUP PROGRAM	-	-	-	25,000	-	0%	-
026-107-0185-4270	SMALL BUSINESS ASST PROGRAM	-	-	-	5,500	-	0%	-
026-107-0185-4450	SMALL BUSINESS ASST PROGRAM	-	-	-	16,003	-	0%	-
026-311-0127-4270	PROFESSIONAL SERVICES	-	-	-	-	-	0%	-
026-311-0157-4260	SAN FERNANDO RD REHAB	-	-	-	-	-	0%	-
026-311-0159-4260	CONTRACTUAL SERVICES	-	-	-	-	-	0%	-
026-311-0182-4260	CONTRACTUAL SERVICES	20,264	29,245	24,975	-	-	0%	-
026-311-0182-4600	PICO ST & SF RD IMPRV NO. 602080-19	-	467,056	-	-	-	0%	-
026-420-0185-4270	BUSINESS ASSISTANCE PRG NO. 602498-21	-	19,110	-	-	-	0%	-
026-382-8530-4270	WATER BILL ASSISTANCE PRG	-	-	-	-	-	0%	-
026-420-0185-4270	BUSINESS ASSISTANCE PRG.	-	-	-	-	-	0%	-
026-420-0329-4260	CONTRACTUAL SERVICES	2,190	-	-	-	-	0%	-
026-420-0329-4300	DEPARTMENT SUPPLIES	16,845	-	-	-	-	0%	-
026-420-0887-4260	RESIDENT RECREATION PROG SCHOLARSHIPS	-	-	4,092	17,496	1,238	7%	-
026-420-0887-4300	RESIDENT RECREATION PROG SCHOLARSHIPS	-	-	1,382	2,504	-	0%	-
026-420-7533-4270	FINANCIAL LITERACY	-	-	-	20,000	-	0%	-
026-422-0336-4260	CONTRACTUAL SERVICES	8,799	-	-	-	-	0%	-
026-422-0336-4300	DEPARTMENT SUPPLIES	100,019	-	-	-	-	0%	-
<i>Operations & Maintenance Costs</i>		<i>148,117</i>	<i>515,411</i>	<i>30,449</i>	<i>86,503</i>	<i>1,238</i>	<i>1%</i>	<i>-</i>

APPROPRIATIONS (Cont.)		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed
026-311-0157-4600	SAN FERNANDO RD REHAB NO. 601994-18	-	-	-	-	-	0%	-
026-311-0159-4600	SF RD ST., CURB, GUTTER & RAMP	-	-	-	-	-	0%	-
026-311-0182-4600	PICO ST. & SF RD IMPROVEMENTS	-	-	-	-	-	0%	-
026-311-XXXX-4600	TBD	-	-	-	-	-	0%	-
<i>Capital Costs</i>		-	-	-	-	-	0%	-
Total Appropriations		148,117	515,411	30,449	86,503	1,238	1%	-
ANNUAL SURPLUS/DEFICIT		355	(24,814)	26,998	-	(615)		-
Ending Balance:		24,814	-	51,812	-			-



STREET LIGHTING FUND

FUND NO. 027

FUND OVERVIEW

This fund accounts for revenue generated from the city's voter approved Landscape and Lighting Act Assessment to maintain and repair approximately 427 City-owned street lights and circuits and pay Southern California Edison for maintenance and electrical power for an additional 1,200 street lights.

With the passage of Proposition 218 in 1996, any increase of the current assessment is subject to approval through a new balloting process. Since the assessments have not had an increase to meet rising costs, this fund has a deficit and is subsidized by the General Fund.

MAJOR PROJECTS/PROGRAMS

- Annual Landscaping and Lighting Engineer's Report

Fund: Street Lighting
Resp. Dept: Public Works

		Beginning Fund Balance:		232,111	377,643	386,556	469,156	448,768
REVENUES		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3110-0000	SECURED PROPERTY TAXES-CURR YR	323,283	323,245	324,649	325,000	131,176	40%	325,000
3130-0000	PRIOR YEARS PROPERTY TAXES	(7)	742	(37)	-	-	0%	-
3150-0000	PROPERTY TAX PENALTIES & INT	17,878	8,867	8,808	-	1,753	0%	-
3970-0000	TRANSFER FROM GENERAL FUND	20,000	-	-	-	-	0%	-
Total Revenues		361,153	332,854	333,420	325,000	132,929	41%	325,000
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Adjusted	Actual	Adjusted	12/31/2023	% Used	Proposed
027-180-0000-4127	RETIRED EMP. HEALTH INS.	8,631	18,950	5,070	-	2,171	0%	-
027-344-0000-4101	SALARIES-PERMANENT EMPLOYEES	23,076	68,092	43,081	46,201	22,742	49%	50,193
027-344-0000-4103	WAGES-TEMPORARY & PART TIME	-	-	-	-	-	0%	-
027-344-0000-4105	OVERTIME	-	729	953	-	262	0%	-
027-344-0000-4120	O.A.S.D.I.	1,765	5,148	3,369	3,534	1,760	50%	3,840
027-344-0000-4124	RETIREMENT	4,060	10,162	3,893	3,534	1,797	51%	4,051
027-344-0000-4126	HEALTH INSURANCE	6,343	15,165	14,951	17,881	7,652	43%	18,203
027-344-0000-4128	DENTAL INSURANCE	482	1,443	1,390	-	660	0%	569
027-344-0000-4129	RETIREE HEALTH SAVINGS	3	471	1,106	1,170	525	45%	780
027-344-0000-4130	WORKER'S COMPENSATION INS.	2,800	7,579	6,256	6,570	3,271	50%	5,020
027-344-0000-4134	LONG TERM DISABILITY INSURANCE	-	241	-	-	-	0%	-
027-344-0000-4136	OPTICAL INSURANCE	148	379	227	-	125	0%	190
027-344-0000-4138	LIFE INSURANCE	24	41	61	59	30	52%	59
027-344-3689-XXXX	COVID-19 GLOBAL OUTBREAK	30	-	-	-	-	0%	-
<i>Personnel Costs</i>		<i>47,362</i>	<i>128,399</i>	<i>80,357</i>	<i>78,949</i>	<i>40,995</i>	<i>52%</i>	<i>82,905</i>
027-344-0000-4210	UTILITIES	107,886	130,353	145,728	100,000	40,666	41%	100,000
027-344-0000-4260	CONTRACTUAL SERVICES	5,000	5,000	5,192	5,500	2,789	51%	5,500
027-344-0000-4300	DEPARTMENT SUPPLIES	-	1,299	4,842	10,000	2,784	28%	10,000
027-344-0000-4320	DEPARTMENT EQUIPMENT MAINT	148	-	-	375	-	0%	375
027-344-0000-4340	SMALL TOOLS	240	87	378	375	-	0%	375
027-344-0000-4390	VEHICLE ALLOW & MILEAGE	-	179	-	-	0	0%	-
027-344-0000-4480	COST ALLOCATION	51,182	51,180	14,323	27,685	13,842	50%	31,269
027-344-0301-4300	PW MAINT. & REPAIR SUPPLIES	3,803	7,443	-	8,000	-	0%	-
<i>Operations & Maintenance Costs</i>		<i>168,259</i>	<i>195,542</i>	<i>170,463</i>	<i>151,935</i>	<i>60,081</i>	<i>40%</i>	<i>147,519</i>
027-344-0000-4500	CAPITAL EXPENSES	-	-	-	114,504	-	0%	-
<i>Capital Projects</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>114,504</i>	<i>-</i>	<i>0%</i>	<i>-</i>
Total Appropriations		215,621	323,941	250,820	345,388	101,077	29%	230,424
ANNUAL SURPLUS/DEFICIT		145,532	8,913	82,600	(20,388)	31,852		94,576
Ending Balance:		377,643	386,556	469,156	448,768			543,344

MEASURE H FUND**FUND NO. 028****FUND OVERVIEW**

Measure H is Transaction and Use Tax to Prevent and Combat Homelessness, which became effective in March 2017 to provide revenue to combat the homeless crisis in Los Angeles County.

The purpose of Los Angeles County Measure H funds is to support programs that align with the County's New Framework to End Homelessness, focusing on all partners collaborating on these five actions – Coordinate, Prevent, Connect, House, and Stabilize. A key part of Measure H is the Local Solutions Fund, spanning five years (FY 2022-2027), which create multi-year agreements with regional and local jurisdictions responsible for administering homeless services and housing programs. These programs are expected to align with the strategies and guiding principles set forth in Los Angeles County's New Framework to End Homelessness. The guiding principles for cities receiving funding through this initiative are as follows:

1. Respond, at scale, to the persistently underserves
2. Expand the supply of permanent housing
3. Leverage the infrastructure and capacity of the mainstream and rehousing systems to advance local solutions
4. Advance racial equity, and work in partnership with people with lived expertise

Fund: Measure H
Resp. Dept: Community Development

Beginning Fund Balance:		-	-	-	-	-	-	-
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
	3210-0000 SALES AND USE TAXES	-	-	-	25,576	-	0%	54,837
	Total Revenue	-	-	-	25,576	-	0%	54,837
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
	029-335-0000-4260 CONTRACTUAL SERVICES	-	-	-	-	-	0%	-
	029-335-0000-4270 PROFESSIONAL SERVICES	-	-	-	12,000	-	0%	-
	029-335-0000-4300 DEPARTMENT SUPPLIES	-	-	-	13,576	2,154	16%	-
	<i>Operations & Maintenance Costs</i>	-	-	-	25,576	2,154	8%	-
	Total Appropriations	-	-	-	25,576	2,154	8%	-
ANNUAL SURPLUS/DEFICIT		-	-	-	-	(2,154)		54,837
Ending Balance:		-	-	-	-	(2,154)		54,837



**PARKING AND MAINTENANCE
OPERATIONS (M & O) – OFF STREET**

FUND NO. 029

FUND OVERVIEW

The Off-Street Parking Maintenance and Operations Fund accounts for the scheduled routine maintenance and cleaning of all City parking facilities as well as maintenance and operation of metered parking spaces throughout the City, the collection of meter monies, and repair or replacement of broken and vandalized parking meters.

MAJOR PROJECTS/PROGRAMS

- Parking Lots Re-pavement Project
- Analyze condition of parking lots and create re-pavement priority list
- Phase 2 of advanced parking metering in downtown mall area with ability to accept credit card payment.

Fund: Parking & Maintenance Operations
Resp. Dept: Public Works

		Beginning Fund Balance:		374,846	342,810	342,810	340,919	207,420	
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed	
3500-0000	INTEREST INCOME	3,879	2,966	6,311	-	634	0%	-	
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(4,763)	(16,587)	(5,152)	-	19,862	0%	-	
3509-0000	INTEREST INCOME - LEASES	-	659	676	-	-	0%	-	
3510-0000	FILMING REVENUE	-	-	15,898	-	10,858	0%	-	
3525-0000	LEASE REVENUE	-	(372)	(372)	-	-	0%	-	
3520-0000	RENTAL INCOME	22,345	26,422	26,027	26,050	13,135	50%	26,050	
3737-0000	EV CHARGING STATIONS	1,699	5,457	7,547	6,500	3,120	48%	6,500	
3850-0000	PARKING METER REVENUE-STREETS	88,897	130,254	115,618	117,000	55,471	47%	120,000	
3855-0000	PARKING METER REVENUE-LOT 6N	-	-	-	-	-	0%	-	
3870-0000	BUSINESS LICENSE TAX-AREA A	21,979	56,007	57,841	55,000	3,321	6%	57,500	
3910-0000	SALE OF PROPERTY & EQUIPMENT	-	-	-	-	4,850	0%	-	
3978-0000	TRANS FROM RETIREMENT TAX FUND	-	-	-	-	-	0%	-	
Total Revenue		134,037	204,807	224,394	204,550	111,251	54%	210,050	

APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed	
029-335-0000-4101	SALARIES-PERMANENT EMPLOYEES	48,189	73,312	48,231	50,595	24,568	49%	74,168	
029-335-0000-4103	WAGES-TEMPORARY & PART-TIME	-	-	300	-	138	0%	-	
029-335-0000-4105	OVERTIME	2,633	1,517	-	-	181	0%	-	
029-335-0000-4120	O.A.S.D.I.	3,888	5,718	3,713	3,842	1,904	50%	5,674	
029-335-0000-4124	RETIREMENT	8,245	12,659	6,079	5,976	3,152	53%	13,212	
029-335-0000-4126	HEALTH INSURANCE	16,601	21,766	16,085	17,112	8,399	49%	28,817	
029-335-0000-4128	DENTAL INSURANCE	1,232	1,303	1,325	535	554	104%	901	
029-335-0000-4129	RETIREE HEALTH SAVINGS	500	773	772	900	385	43%	396	
029-335-0000-4130	WORKER'S COMPENSATION INS.	7,227	10,539	4,848	7,141	2,519	35%	7,417	
029-335-0000-4134	LONG TERM DISABILITY INSURANCE	-	141	-	-	-	0%	-	
029-335-0000-4136	OPTICAL INSURANCE	249	283	231	96	102	106%	301	
029-335-0000-4138	LIFE INSURANCE	59	94	76	68	35	51%	82	
<i>Personnel Costs</i>		<i>88,823</i>	<i>128,103</i>	<i>81,660</i>	<i>86,265</i>	<i>41,937</i>	<i>49%</i>	<i>130,968</i>	
029-335-0000-4210	UTILITIES	26,041	26,705	32,190	22,000	9,933	45%	25,000	
029-335-0000-4250	RENTS AND LEASES	-	-	-	-	-	0%	-	
029-335-0000-4260	CONTRACTUAL SERVICES	-	4,445	52,512	73,500	5,718	8%	53,000	
029-335-0000-4270	PROFESSIONAL SERVICES	-	1,978	-	-	-	0%	-	
029-335-0000-4300	DEPARTMENT SUPPLIES	17,619	20,671	16,055	20,232	967	5%	16,000	
029-335-0000-4302	PERMIT PARKING EXPENSE	-	-	-	-	-	0%	-	
029-335-0000-4320	DEPARTMENT EQUIPMENT MAINT	-	-	-	-	521	0%	-	
029-335-0000-4330	BLDG MAINT & REPAIRS	-	-	1,562	-	-	0%	-	
029-335-0000-4340	SMALL TOOLS	181	250	247	250	-	0%	-	
029-335-0000-4360	PERSONNEL TRAINING	-	-	-	150	-	0%	-	
029-335-0000-4370	MEETINGS, MEMBERSHIPS & TRAVEL	-	-	-	-	-	0%	-	
029-335-0000-4400	VEHICLE OPERATION & MAINT	1,120	3,511	3,052	4,500	118	3%	3,000	
029-335-0000-4402	FUEL	1,729	1,997	1,740	1,600	733	46%	1,800	
029-335-0000-4480	COST ALLOCATION	30,559	30,600	23,813	29,552	14,776	50%	35,052	
029-335-0301-4300	PW MAINT. & REPAIR SUPPLIES	-	-	-	-	-	0%	-	
<i>Operations & Maintenance Costs</i>		<i>77,249</i>	<i>90,157</i>	<i>131,171</i>	<i>151,784</i>	<i>32,766</i>	<i>22%</i>	<i>133,852</i>	

APPROPRIATIONS (Cont.)		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
029-335-0000-4500	CAPITAL EQUIPMENT	-	-	-	-	-	0%	-
029-335-0000-4600	CAPITAL PROJECTS	-	-	-	100,000	-	0%	50,000
029-335-0559-4600	CP PARKING LOT 5 IMPROVEMENTS	-	-	-	-	-	0%	-
029-335-3699-4600	ELECTR VEH CHARGING STATIONS NO.16076	-	-	-	-	-	0%	-
<i>Capital Projects</i>		-	-	-	100,000	-	0%	50,000
Total Appropriations		166,073	218,261	212,831	338,049	74,703	22%	314,820
ANNUAL SURPLUS/DEFICIT		(32,036)	(13,454)	11,563	(133,499)	36,548		(104,770)
Ending Balance:		342,810	329,356	354,373	207,420			102,650



MALL MAINTENANCE OPERATIONS

FUND NO. 030

FUND OVERVIEW

The Mall Maintenance Operations Fund accounts for the Downtown Area Parking, and Mall Maintenance Assessment District. The City receives the funds and is responsible for maintenance and upkeep, including capital improvements, in the downtown area.

Fund: Mall Maintenance Operations
Resp. Dept: Public Works

		Beginning Fund Balance:	(18,121)	(30,829)	(107,269)	(158,523)	(105,523)	
REVENUES		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3930-0000 MALL MAINTENANCE LEVY		29,024	50,113	44,090	53,000	5,035	10%	60,000
Total Revenue		29,024	50,113	44,090	53,000	5,035	10%	60,000
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
030-341-0000-4101 SALARIES-PERMANENT EMPLOYEES		11,568	48,012	1,323	-	102	0%	-
030-341-0000-4103 WAGES-TEMPORARY & PART-TIME		4,849	21,269	30,780	-	3,216	0%	-
030-341-0000-4105 OVERTIME		2,161	11,586	27,284	-	19,552	0%	-
030-341-0000-4120 O.A.S.D.I.		1,421	6,186	4,544	-	1,750	0%	-
030-341-0000-4124 RETIREMENT		2,129	4,352	21	-	-	0%	-
030-341-0000-4126 HEALTH INSURANCE		2,962	14,216	-	-	-	0%	-
030-341-0000-4128 DENTAL INSURANCE		238	63	-	-	-	0%	-
030-341-0000-4129 RETIREE HEALTH SAVINGS		122	975	287	-	178	0%	-
030-341-0000-4130 WORKER'S COMPENSATION INS.		2,287	10,033	7,283	-	2,926	0%	-
030-341-0000-4136 OPTICAL INSURANCE		49	11	-	-	-	0%	-
030-341-0000-4138 LIFE INSURANCE		15	98	-	-	-	0%	-
Personnel Costs		27,801	116,800	71,522	-	27,724	0%	-
030-341-0000-4210 UTILITIES		590	838	874	-	216	0%	-
030-341-0000-4250 RENT & LEASES		-	-	-	-	-	0%	-
030-341-0000-4260 CONTRACT SERVICES		-	-	-	-	-	0%	-
030-341-0000-4300 DEPARTMENT SUPPLIES		2,777	4,537	2,450	-	1,185	0%	-
030-341-0000-4310 EQUIPMENT AND SUPPLIES		-	-	150	-	-	0%	-
030-341-0000-4320 DEPARTMENT EQUIPMENT MAINT		-	-	-	-	-	0%	-
030-341-0000-4325 UNIFORM ALLOWANCE		-	-	-	-	-	0%	-
030-341-0000-4325 UNIFORM ALLOW-FULL TIME EMP		-	-	-	-	-	0%	-
030-341-0000-4340 SMALL TOOLS		495	200	-	-	-	0%	-
030-341-0301-4300 DEPARTMENT SUPPLIES		6,193	4,178	2,996	-	-	0%	-
Operations & Maintenance Costs		10,055	9,754	6,470	-	1,401	0%	-
030-341-0000-4706 LIABILITY CHARGE		-	-	-	-	-	0%	-
030-341-0000-4743 FACILITY MAINTENANCE CHARGE		3,876	-	17,352	-	-	0%	-
Internal Service Charges		3,876	-	17,352	-	-	0%	-
030-341-0000-4500 CAPITAL EXPENSES		-	-	-	-	-	0%	-
Capital Costs		-	-	-	-	-	0%	-
Total Appropriations		41,732	126,553	95,344	-	29,125	0%	-
ANNUAL SURPLUS/DEFICIT		(12,708)	(76,440)	(51,254)	53,000	(24,090)		60,000
Ending Balance:		(30,829)	(107,269)	(158,523)	(105,523)			(45,523)

*Note: Separated from General Fund and moved to a Special Fund in FY 2019-2020



CAPITAL OUTLAY FUND

FUND NO. 032

FUND OVERVIEW

This fund is used to account for the acquisition, construction and completion of permanent public improvements typically funded by the General Fund. Funds are transferred from the General Fund and set-aside to fund certain capital projects.

MAJOR PROJECTS/PROGRAMS

- Annual Street Resurfacing Project
- Sidewalk Repair Project
- Signage and Pavement Marking Program
- Project Match – CalOES Community Power Resiliency Grant – Park Emergency Generators Project
- Tree Replacement Program

Fund: Capital Outlay (General Fund)

Resp. Dept: Public Works

		Beginning Fund Balance:		68,838	60,390	1,857,537	1,483,638	56,348	
REVENUES		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
3231-0174	PEG CAPITAL FEE	-	-	-	-	-	0%	-	
3970-0000	TRANSFER FROM GENERAL FUND	-	1,742,803	3,053,194	-	-	0%	-	
3992-0000	TRANSFER FROM SEWER FUND	-	28,321	-	-	-	0%	-	
3970-0000	TRANSFER FROM WATER FUND	-	169,926	-	-	-	0%	-	
Total Revenues		-	1,941,050	3,053,194	-	-	0%	-	
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
032-150-0578-4270	ADAPTATION PLANNING GRT# OPR23125	-	-		37,860	-	0%	-	
032-311-0000-4600	CAPITAL PROJECTS	-	-	10,125	125,570	-	0%	-	
032-311-0182-4600	PICO ST & SF RD IMPROVEMENTS	-	40,000	-	-	-	0%	-	
032-311-0560-4600	STREET RESURFACING PROGRAM	-	-	690,286	101,909	-	0%	-	
032-311-0628-4600	SF SAFE & ACTIVE ST IMPLEMENTATION	-	6,448	-	-	-	0%	-	
032-311-0866-4600	SIDEWALK REPAIR PROJECT			22,160	2,840	1,065	38%	-	
032-346-0665-4600	TREE REPLACEMENT PROGRAM	8,448	4,000		31,638	-	0%	-	
032-370-3648-4270	COMMUNITY POWER RESILIENCY PRG	-	12,750	2,250	-	-	0%	-	
032-390-0765-4600	HVAC SYSTEM FOR PD FACILITY	-	80,705	2,702,272	1,127,473	679,139	60%	-	
Capital Projects		8,448	143,903	3,427,093	1,427,290	680,204	48%	-	
Total Appropriations		8,448	143,903	3,427,093	1,427,290	680,204	48%	-	
ANNUAL SURPLUS/DEFICIT		(8,448)	1,797,147	(373,899)	(1,427,290)	(680,204)		-	
Ending Balance:		60,390	1,857,537	1,483,638	56,348			56,348	



PAVEMENT MANAGEMENT FUND

FUND NO. 050

FUND OVERVIEW

This fund was used to account for fees paid by the former refuse operator. As part of the operating contract, the prior refuse operator was required to make an annual payment to the Pavement Management Fund, which would be used to pave City streets. This provision is not included in the current refuse operator's franchise agreement.

Fund: Pavement Management Fund
Resp. Dept: Public Works

Beginning Fund Balance:		14,264	14,261	14,261	13,734	13,734		
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
3500-0000	INTEREST INCOME	153	118	238	-	24	-	-
3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(156)	(645)	(155)	-	726	-	-
3800-0000	MISCELLANEOUS REVENUE	-	-	-	-	-	-	-
3978-0000	TRANS FROM RETIREMENT TAX FUND	-	-	-	-	-	-	-
Total Revenue		(3)	(527)	83	-	750	-	-
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
050-311-0000-4270	PROFESSIONAL SERVICES	-	-	-	-	-	-	-
<i>Operations & Maintenance Costs</i>		-	-	-	-	-	-	-
050-311-0000-4600	PARKING LOT IMPROVEMENTS	-	-	-	-	-	-	-
050-311-0560-4600	ANNUAL STREET RESURFACING PROJECT	-	-	-	-	-	-	13,734
<i>Capital Projects</i>		-	-	-	-	-	-	13,734
050-310-0000-4901	TRANSFER TO GENERAL FUND	-	-	-	-	-	-	-
050-370-0000-4910	TRANSFER TO GRANT FUND	-	-	-	-	-	-	-
<i>Transfers</i>		-	-	-	-	-	-	-
Total Appropriations		-	-	-	-	-	-	13,734
ANNUAL SURPLUS/DEFICIT		(3)	(527)	83	-	750	-	(13,734)
Ending Balance:		14,261	13,734	14,344	13,734	-		



COMMUNITY INVESTMENT FUND

FUND NO. 053

FUND OVERVIEW

As part of the Collection Service Agreement with Consolidated (Republic) Disposal, the operator established a recycling revenue share program with the City to return \$10,000 annually from the proceeds from the sale of recyclable materials to appropriate in a Community Investment Fund. Each City Councilmember may select an annual event, program and/or City organization to provide \$2,000 from the Community Investment Fund.

This fund also accounts for other donations made to the City over which the City Council has discretion to appropriate toward a community event/program/scholarship.

MAJOR PROJECTS/PROGRAMS

- Republic community investment funds
- Independent Cities Financing Authority (ICFA) community investment funds

Fund: Community Investment Fund

Dept: City Manager's Office

		Beginning Fund Balance:	28,266	31,019	31,019	28,507			31,019
REVENUES			2021	2022	2023	2024	As of	2024	2025
Account Number & Title			Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3954-0000	RECYCLING REVENUE SHARE PROGRAM		10,000	10,000	10,000	10,000	-	0%	10,000
3607-0000	ICFA COMMUNITY INVESTMENT FUNDS		-	-	-	-	-	0%	-
3607-1307	WOMEN'S RIGHT TO VOTE MURAL PRG.		-	1,553	7,500	-	-	0%	-
3607-1355	VETERANS PROGRAM		-	-	-	-	-	0%	-
3607-1380	L P SR CHECKBOOK		-	-	-	-	-	0%	-
3607-3711	HEALTHY SF OPEN ST EVENT		-	-	-	-	-	0%	-
3901-0000	MISCELLANEOUS REVENUE		-	-	250	-	-	0%	-
3970-0000	TRANSFER FROM GENERAL FUND		-	-	-	25,000	12,500	50%	-
Total Revenues			10,000	11,553	17,750	35,000	12,500	36%	10,000
APPROPRIATIONS			2021	2022	2023	2024	As of	2024	2025
Account Number & Title			Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
053-101-0101-4430	ACTIVITIES AND PROGRAMS		750	1,822	2,428	-	-	0%	-
053-101-0102-4430	ACTIVITIES AND PROGRAMS		1,000	1,250	3,850	-	-	0%	-
053-101-0103-4430	ACTIVITIES AND PROGRAMS		4,553	-	-	2,000	-	0%	2,000
053-101-0104-4430	ACTIVITIES AND PROGRAMS		-	-	-	2,000	600	30%	2,000
053-101-0107-4430	ACTIVITIES AND PROGRAMS		-	1,747	1,230	2,000	1,235	62%	2,000
053-101-0108-4430	ACTIVITIES AND PROGRAMS		-	1,746	500	2,000	500	25%	-
053-101-0109-4430	ACTIVITIES AND PROGRAMS		944	-	-	-	-	0%	-
053-101-0111-4430	ACTIVITIES AND PROGRAMS		-	-	-	-	-	0%	-
053-101-0113-4430	ACTIVITIES AND PROGRAMS		-	-	-	2,000	850	43%	2,000
053-101-0114-4430	ACTIVITIES AND PROGRAMS		-	-	-	-	-	0%	2,000
053-115-0000-4390	ICFA SCHOLARSHIP (ED. COMM)		-	-	-	-	-	0%	-
053-101-9818-4430	ACTIVITIES AND PROGRAMS		-	-	-	-	-	0%	-
053-150-0545-4270	CONTRACTUAL SERVICES		-	-	-	25,000	-	0%	-
053-194-1395-4300	5K RUNNING RACE		-	-	-	-	-	0%	-
053-194-9810-4430	SENIOR ORCHESTRA		-	-	-	-	-	0%	-
053-420-1355-4300	VETERANS PROGRAM		-	7,500	-	-	-	0%	-
053-420-1380-4300	L P SR CHECKBOOK		-	-	-	-	-	0%	-
053-420-3711-4260	HEALTHY SF OPENT ST EVENT		-	-	-	-	-	0%	-
053-420-0000-4430	ICFA SCHOLARSHIP (SP. ED. PRGM.)		-	-	-	-	-	0%	-
Operations & Maintenance Costs			7,247	14,065	8,008	35,000	3,185	9%	10,000
Total Appropriations			7,247	14,065	8,008	35,000	3,185	9%	10,000
ANNUAL SURPLUS/DEFICIT			2,753	(2,512)	9,742	-	9,315	-	
Ending Balance:			31,019	28,507	40,761	28,507	31,019		

**COMMUNITY DEVELOPMENT
SURCHARGE FUND****FUND No. 055****FUND OVERVIEW**

This fund is used to account for receipts of business license and building related surcharges and disbursements, which fund building ongoing programs to promote disabled accessibility and the City's land management enterprise software. The Senate Bill (SB) 1186 fee is applied to the sale of business license renewals. Local jurisdictions are required to use the funds to increase certified access specialist (CAsp) services and compliance with construction-related disability access requirements, primarily for training and retention of CAsps to meet the needs of the public. A 10-percent surcharge is applied to all building construction activity fees to support the ongoing license and technical support for the City's land management enterprise software.

MAJOR PROJECTS/PROGRAMS

- Training and provision of a Certified Access Specialist inspections.
- Ongoing license and support for AIMS land management software.

Fund: Comm. Development Surcharge Fund
Dept: Community Development

Beginning Fund Balance:		61,098	93,312	120,263	166,049	177,947		
REVENUES		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
055-3315-0000	GENERAL PLAN UPDATE SURCHARGE	9,291	9,749	8,812	10,000	6,000	60%	10,000
055-3351-0000	SB1186 STATE FEE	11,083	12,542	12,098	10,000	1,145	11%	12,000
055-3500-0000	INTEREST INCOME	931	990	2,848	-	320	0%	-
055-3508-0000	NET INCR/DECR FAIR VAL INVESTMENT	(463)	(5,662)	(4,079)	-	9,238	0%	-
055-3719-0154	AIMS MAINT & DEVELOP SURCHARGE EDGESOFT	36,333	34,292	52,469	30,000	25,068	84%	50,000
055-3900-0000	OTHER REVENUE	-	-	-	-	-	0%	-
Total Revenue		57,173	51,911	72,148	50,000	41,771	84%	72,000
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
055-135-0000-4260	CONTRACTUAL SERVICES	24,960	24,960	24,960	30,662	-	0%	32,000
055-140-0000-4260	CONTRACTUAL SERVICES	-	-	-	-	-	0%	-
055-140-0000-4270	PROFESSIONAL SERVICES	-	-	-	-	-	0%	-
055-140-0000-4360	PERSONNEL TRAINING	-	-	-	6,000	-	0%	6,500
055-140-0000-4480	COST ALLOCATION	-	-	1,402	1,440	720	50%	1,852
Operations & Maintenance Costs		24,960	24,960	26,362	38,102	720	2%	40,352
Total Appropriations		24,960	24,960	26,362	38,102	720	2%	40,352
ANNUAL SURPLUS/DEFICIT		32,213	26,951	45,786	11,898	41,051	31,648	
Ending Balance:		93,312	120,263	166,049	177,947	209,595		



LOW/MODERATE INCOME HOUSING
FUND

FUND NO. 094

FUND OVERVIEW

Prior to dissolution of redevelopment in 2012, redevelopment agencies were required to set aside 20% of annual tax increment funds to a Low and Moderate Income Housing Fund (LMIHF) to improve and expand availability and supply of affordable housing in the redevelopment project area. The San Fernando Redevelopment Agency used the LMIHF set aside to subsidize low income development projects and provide housing loans to low income qualified individuals.

In accordance with state law, the San Fernando Redevelopment Agency also borrowed required Education Realignment and Augmentation Fund (ERAF) payments required by the state in 2010 and 2011 from available LMIHF reserves.

Subsequent to dissolution, LMIHF assets were transferred to the City as the Housing Successor Agency. Although there is no longer an annual funding stream through tax increment set-aside, the LMIHF receives revenue through outstanding loan repayments. These funds are restricted to fund low and moderate income housing activities.

Fund: Low Income Housing

Dept: Community Development

		Beginning Fund Balance:	3,388,093	3,439,544	3,436,179	3,416,646	3,308,481		
REVENUES			2021	2022	2023	2024	As of	2024	2025
Account Number & Title			Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
3110-0000	TAX INCREMENT		-	-	-	-	-	0%	-
3500-0000	INTEREST AND RENTS		-	-	-	-	1,197	0%	-
3502-0000	INTEREST RECEIVED/RDA LOANS		615	471	380	700	30	4%	-
3503-0000	REVENUE/RDA LOANS		-	-	-	-	-	0%	-
3505-0000	EQUITY SHARE		55,021	-	-	-	-	0%	-
Total Revenues			55,636	471	380	700	1,227	175%	-
APPROPRIATIONS			2021	2022	2023	2024	As of	2024	2025
Account Number & Title			Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
094-155-0000-4101	SALARIES-PERMANENT EMPLOYEES		3,292	3,439	14,330	22,656	6,284	28%	24,396
094-155-0000-4120	O.A.S.D.I.		252	263	1,158	1,733	853	49%	1,867
094-155-0000-4124	RETIREMENT		589	-	1,858	1,792	873	49%	1,969
094-155-0000-4126	HEALTH INSURANCE		-	-	1,407	7,153	-	0%	3,022
094-155-0000-4128	DENTAL INSURANCE		-	-	70	-	-	0%	95
094-155-0000-4129	RETIREE HEALTH SAVINGS		-	-	434	150	465	310%	300
094-155-0000-4130	WORKER'S COMPENSATION INS.		52	54	624	358	176	49%	305
094-155-0000-4136	OPTICAL INSURANCE		-	-	16	-	-	0%	32
094-155-0000-4138	LIFE INSURANCE		-	-	16	23	9	39%	23
Personnel Costs			4,185	3,756	19,913	33,865	8,660	26%	32,009
094-110-0000-4270	PROFESSIONAL SERVICES		-	-	-	75,000	-	0%	75,000
094-155-0000-4230	ADVERTISING		-	80	-	-	-	0%	-
094-155-0000-4270	PROFESSIONAL SERVICES		-	-	-	-	-	0%	-
Operations & Maintenance Costs			-	80	-	75,000	-	0%	75,000
094-155-0000-4405	INTEREST EXPENSE		-	-	-	-	-	0%	-
094-155-0000-4450	OTHER EXPENSE		-	-	-	-	-	0%	-
Capital Costs			-	-	-	-	-	0%	-
Total Appropriations			4,185	3,836	19,913	108,865	8,660	8%	107,009
ANNUAL SURPLUS/DEFICIT			51,451	(3,365)	(19,533)	(108,165)	(7,433)	-	(107,009)
Ending Balance:			3,439,544	3,436,179	3,416,646	3,308,481			3,201,472



SAFETY REALIGNMENT FUND (AB 109)

FUND NO. 101

FUND OVERVIEW

AB109 Public Safety Realignment was established to operate as a Tri-City Task Force (Burbank, Glendale, and San Fernando Police Departments). To monitor and conduct compliance checks on all local Post-release Supervised Persons (PSB's).

Fund: AB109 Task Force Fund
Resp. Dept: Police

Beginning Fund Balance:		14,107	14,107	14,127	14,127	14,127		
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
	3500-0000 INTEREST INCOME	-	-	-	-	-	0%	-
	3696-0101 AB109 TASK FORCE (STATE)	-	20	-	-	-	0%	-
Total Revenues		-	20	-	-	-	0%	-
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
	101-225-0000-4105 OVERTIME	-	-	-	-	-	0%	-
	101-225-0000-4120 O.A.S.D.I.	-	-	-	-	-	0%	-
	101-225-0000-4130 WORKER'S COMPENSATION INS.	-	-	-	-	-	0%	-
Personnel Costs		-	-	-	-	-	0%	-
	101-225-0000-4360 PERSONNEL TRAINING	-	-	-	-	-	0%	-
Operations & Maintenance Costs		-	-	-	-	-	0%	-
Total Appropriations		-	-	-	-	-	0%	-
ANNUAL SURPLUS/DEFICIT		-	-	-	-	-		-
Ending Balance:		14,107	14,127	14,127	14,127	14,127		



CALIFORNIA ARTS COUNCIL

FUND NO. 108

FUND OVERVIEW

The California Arts Council *Artists In Schools* (AIS) program supports projects that integrate community arts resources - artists and professional art organizations - into comprehensive, standards-based arts-learning at school sites. The AIS supports the Mariachi Master Apprentice Program (MMAP) as a long-term, in-depth arts education project in an after-school program that underscores the critical role the arts play in the students' development of creativity, overall well-being and academic achievement.

Fund: California Arts Council
Resp. Dept: Recreation & Community Services

Beginning Fund Balance:		-	(2,000)	-	4,330			-
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
3697-3639	CA ARTS COUNCIL #AIS-16-00134	-	-	-	-	-	0%	-
3697-3647	CALIFORNIA ARTS COUNCIL #AE-EXT-17-1595	-	-	-	-	-	0%	-
3697-3653	CA ARTS COUNCIL #YAA-18-5353	-	-	-	-	-	0%	-
3697-3657	CALIFORNIA ARTS COUNCIL #YAA-19-7014	18,000	2,000	-	-	-	0%	-
3697-3658	CA ARTS COUNCIL #AS-14-0415	-	-	19,000	-	-	0%	-
3697-3659	CA ARTS COUNCIL #AS-15-0503	-	-	-	-	-	0%	-
3697-3694	CA ARTS COUNCIL #AIS 16-00118	-	-	-	25,000	-	0%	-
3697-3657	CA ARTS COUNCIL #AA-19-701	-	-	-	-	-	0%	-
Total Revenue		18,000	2,000	19,000	25,000	-	0%	-
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
108-424-3639-4260	CA ARTS COUNCIL #AIS-16-00134	-	-	-	-	-	0%	-
108-424-3647-4300	DEPARTMENT SUPPLIES	-	-	-	-	-	0%	-
108-424-3657-4260	CONTRACTUAL SERVICES	20,000	-	-	-	-	0%	-
108-424-3658-4260	CONTRACTUAL SERVICES	-	-	14,670	4,330	4,330	100%	-
108-424-3658-4300	DEPARTMENT SUPPLIES	-	-	-	-	-	0%	-
108-424-3658-4370	MEETINGS, MEMBERSHIPS & TRAVEL	-	-	-	-	-	0%	-
108-424-3659-4260	CONTRACTUAL SERVICES	-	-	-	-	-	0%	-
108-424-3694-4260	CONTRACTUAL SERVICES	-	-	-	25,000	-	0%	-
108-424-3659-4300	DEPARTMENT SUPPLIES	-	-	-	-	-	0%	-
<i>Operations & Maintenance Costs</i>		<i>20,000</i>	<i>-</i>	<i>14,670</i>	<i>29,330</i>	<i>4,330</i>	<i>15%</i>	<i>-</i>
Total Appropriations		20,000	-	14,670	29,330	4,330	15%	-
ANNUAL SURPLUS/DEFICIT		(2,000)	2,000	4,330	(4,330)			
Ending Balance:		(2,000)	-	4,330	-			

**NATIONAL ENDOWMENT FOR THE
ARTS (NEA)****FUND NO. 109****FUND OVERVIEW**

The National Endowment for the Arts supports the creation of art that meets the highest standards of excellence, public engagement with diverse and excellent art, lifelong learning in the arts, and the strengthening of communities through the arts. Funding supports the Mariachi Master Apprentice Program (MMAP) that connects music masters with students to preserve mariachi music traditions through a quality after school apprentice program.

MMAP includes the following required elements:

1. Experience: Participants experience exemplary works of art, in live form where possible, to gain increased knowledge and skills in the art form.
2. Create: Informed by their experience in an art form, participants will create or perform art.
3. Assess: Student learning is measured and assessed according to either national or state arts education standards.

Fund: National Endowment for the Arts
Resp. Dept: Recreation & Community Services

		Beginning Fund Balance:		(18,149)	(17,348)	11,480	12,614	7,748	
REVENUES		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
3697-3614	NATIONAL ENDOWMENT FOR ARTS #1829547	-	-	-	55,000	-	0%	-	
3697-3618	NATIONAL ENDOWMENT ARTS #16-5100-7054	-	-	-	-	-	0%	-	
3697-3637	NATIONAL ENDOWMENT FOR ARTS 1887949-55-22	-	-	-	-	-	0%	-	
3697-3638	PARK GRANTS	-	50,000	-	-	-	0%	-	
3697-3656	NATIONAL ENDOWMENT ARTS NO.18646955521	-	-	40,000	-	-	0%	-	
3697-3678	NATIONAL ENDOWMENT ARTS	-	-	-	-	-	0%	-	
3697-3692	NATIONAL ENDOWMENT FOR ARTS #1858258-55-20	-	40,000	-	-	-	0%	-	
3697-3693	NATIONAL ENDOWMENT ARTS #1847750-55-19	50,000	-	-	-	-	0%	-	
Total Revenues		50,000	90,000	40,000	55,000	-	0%	-	

APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
109-424-3614-4260	CONTRACTUAL SERVICES	-	-	-	55,000	-	0%	-	
109-424-3618-4260	NAT. ENDOW. ARTS #16-5100-7054	-	-	-	-	-	0%	-	
109-424-3637-4260	CONTRACTUAL SERVICES	-	-	37,386	4,746	17,614	371%	-	
109-424-3638-4260	CONTRACTUAL SERVICES	-	-	-	-	-	0%	-	
109-424-3656-4260	CONTRACTUAL SERVICES	-	38,520	1,480	120	-	0%	-	
109-424-3678-4260	CONTRACTUAL SERVICES	-	-	-	-	-	0%	-	
109-424-3692-4260	CONTRACTUAL SERVICES	17,348	22,652	-	-	-	0%	-	
109-424-3693-4260	CONTRACTUAL SERVICES	31,852	-	-	-	-	0%	-	
<i>Operations & Maintenance Costs</i>		<i>49,200</i>	<i>61,172</i>	<i>38,866</i>	<i>59,866</i>	<i>17,614</i>	<i>29%</i>	<i>-</i>	
Total Appropriations		49,200	61,172	38,866	59,866	17,614	29%	-	

ANNUAL SURPLUS/DEFICIT		800	28,828	1,134	(4,866)	-			
Ending Balance:		(17,348)	11,480	12,614	7,748	7,748			



OPERATING GRANTS FUND

FUND NO. 110

FUND OVERVIEW

This section provides a consolidated look at operating grants. These funds are restricted and received from several different funding sources to fund specific operating purposes, including law enforcement and parks and recreation.

Fund: Operating Grants

Resp. Dept: Various

		Beginning Fund Balance:	55,818	(206,887)	(316,260)	(775,907)			(225,435)
REVENUES		2021	2022	2023	2024	As of	2024	2025	
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
110-3500-3649	YOUTH REINVESTMENT PROG BSCC 582-19	26	35	15	-	5	0%	-	
110-3601-0184	COMMUNITY RESILIENCE PROGRAM	-	5,000	-	-	-	0%	-	
110-3601-0522	INNOVATION PROGRAM NO. AO-22-617	-	-	-	26,483	26,483	100%	-	
110-3640-3672	CENSUS 2020 EDU & OUTREACH ACTIVITIES	8,717	-	-	-	-	0%	-	
110-3668-3608	HAZARD MITIGATION PROGRAM	-	-	16,855	-	-	0%	-	
110-3668-3689	COVID-19 GLOBAL OUTBREAK	311,234	-	-	-	-	0%	-	
110-3670-0536	CALAPP PROGRAM	-	-	-	40,000	-	0%	-	
110-3670-0578	ADAPTATION PLANNING GRT# OPR23125	-	-	-	599,918	-	0%	-	
110-3670-3609	PLANNING GRANT PRG 19-PGP-14026	-	-	-	-	-	0%	-	
110-3670-3687	LOCAL EARLY ACTION PLANNING GRT (LEAP)	-	-	-	150,000	-	0%	-	
110-3686-0838	URBAN FOREST MGMT GRT NO. 8GA21429	-	-	454	-	-	0%	-	
110-3686-0869	SB1383 LOCAL ASSISTANCE GRT PROG	-	35,916	-	-	-	0%	-	
110-3686-3671	CA WTR & WASTEWTR ARREARAGE PROG.	-	272,845	(12,554)	-	-	0%	-	
110-3686-7527	SOCALGAS CLIMATE ADAPTATION & RESILIENCY	-	50,000	23,305	-	-	0%	-	
110-3696-0568	SUBSTANCE ABUSE & MENTAL HEALTH-SAMHSA	-	-	-	757,583	-	0%	-	
110-3696-3622	BSCC OFFICER WELLNESS & MENTAL HEALTH	-	-	-	25,000	-	0%	-	
110-3696-3625	2019 URBAN AREA SECURITY INITIATIVE UASI	37,475	6,986	-	-	-	0%	-	
110-3696-3627	OFFICE OF TRAFFIC SAFETY STEP PT20155	30,744	-	-	-	-	0%	-	
110-3696-3628	OTS SELECTIVE TRAFFIC ENFOR STEP PT21053	2,201	13,164	-	-	-	0%	-	
110-3696-3642	SCHOOL RESOURCE OFFICER	(360,000)	-	-	-	-	0%	-	
110-3696-3644	LAW ENFORCEMENT MENTAL HEALTH&WELLNESS	-	-	-	104,914	2,250	2%	-	
110-3696-3649	YOUTH REINVESTMENT PROG BSCC 582-19	139,731	193,602	261,558	-	-	0%	-	
110-3696-3662	UASI URBAN AREA SEC. INITIATIVE #C1985	-	-	-	-	92,504	0%	-	
110-3696-3663	HIGH FREQUENCY COMMUNICATIONS EQUIP PRG	-	-	-	119,175	-	0%	-	
110-3696-3667	TOBACCO GRANT PROGRAM	-	-	3,307	160,858	-	0%	-	
110-3696-3668	ALCOHOL POLICING PARTNERSHIP 22-APP24	-	-	25,454	-	24,410	0%	-	
110-3696-3675	BULLETPROOF VESTS PARTNERSHIP 2022	-	-	-	-	-	0%	-	
110-3696-3677	OFFICE OF TRAFFIC SAFETY (STEP) PT2207C	-	-	-	-	-	0%	-	
110-3696-3678	BSCC ORGANIZED RETAIL THEFT GRANT	-	-	-	494,964	-	0%	-	
110-3696-3681	ABC-OTS GRANT PROG 21-OTS-14	5,352	7,997	-	-	-	0%	-	
110-3696-3683	HOMELESS OUTREACH SERVS TEAM PROJ	1,682	3,401	-	-	-	0%	-	
110-3696-3684	UASI FY2022 CONTRACT NO. 2144	-	-	-	141,166	-	0%	-	
110-3696-3713	ALCOHOLIC BEVERAGE CONTROL (ABC) GRANT	-	28,938	8,466	-	-	0%	-	
110-3697-0517	NATURE ADV & DISCOVERY CAMP PRG	-	-	-	-	-	0%	-	
110-3697-3682	HOMELESS SERVICES NO. AO-20-633	-	15,003	10,213	-	-	0%	-	
110-3697-3691	FAMILY HIKE & WILDLIFE ACTIVITIES	-	-	-	-	-	0%	-	
110-3697-3711	OPEN STREETS GRANT PROGRAM	-	-	-	900,909	-	0%	-	
110-3697-3747	LA EDUCATION PARTNERSHIP GRT-LAEP	-	-	50,000	-	20,000	0%	-	
110-3697-3748	SAN FERNANDO VALLEY MILE	-	40,000	36,500	-	-	0%	-	
110-3901-3938	OPIOIDS SETTLEMENT	-	-	-	-	11,937	0%	-	
Total Revenues		177,162	672,887	423,573	3,520,970	177,589	5%	-	
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025	
	Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed	
City Manager's Office Grants									
110-105-0184-4300	COMMUNITY RESILIENCE PROGRAM	-	459	-	-	-	0%	-	
110-105-3672-4101	CENSUS 2020 EDU & OUTREACH ACTIVITIES	1,400	-	-	-	-	0%	-	
110-105-3672-4270	CENSUS 2020 EDU & OUTREACH ACTIVITIES	9,157	-	-	-	-	0%	-	
110-105-3672-4300	CENSUS 2020 EDU & OUTREACH ACTIVITIES	471	-	-	-	-	0%	-	
110-105-3689-4101	COVID-19 GLOBAL OUTBREAK	8,679	-	-	-	-	0%	-	
110-105-3689-4105	COVID-19 GLOBAL OUTBREAK	252	-	-	-	-	0%	-	
110-105-3689-4120	COVID-19 GLOBAL OUTBREAK	646	-	-	-	-	0%	-	
110-105-3689-4130	COVID-19 GLOBAL OUTBREAK	139	-	-	-	-	0%	-	
110-105-3689-4300	COVID-19 GLOBAL OUTBREAK	4,218	-	-	-	-	0%	-	
110-105-3689-4320	COVID-19 GLOBAL OUTBREAK	995	-	-	-	-	0%	-	
110-106-3689-4101	COVID-19 GLOBAL OUTBREAK	225	-	-	-	-	0%	-	
110-106-3689-4120	COVID-19 GLOBAL OUTBREAK	17	-	-	-	-	0%	-	
110-106-3689-4130	COVID-19 GLOBAL OUTBREAK	4	-	-	-	-	0%	-	
Total City Manager's Office Grants		26,203	459	-	-	-	0%	-	

Fund: Operating Grants

Resp. Dept: Various

APPROPRIATIONS (Cont.)	2021	2022	2023	2024	As of	2024	2025
Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed
Administrative Services Grants							
110-130-3649-4101 YOUTH REINVESTMENT PROG BSCC 582-19	1,964	1,554	1,027	-	-	0%	-
110-130-3649-4120 YOUTH REINVESTMENT PROG BSCC 582-19	150	119	79	-	-	0%	-
110-130-3649-4124 YOUTH REINVESTMENT PROG BSCC 582-19	483	389	258	-	-	0%	-
110-130-3649-4130 YOUTH REINVESTMENT PROG BSCC 582-19	35	25	16	-	-	0%	-
110-130-3689-4101 COVID-19 GLOBAL OUTBREAK	5,389	-	-	-	-	0%	-
110-130-3689-4105 COVID-19 GLOBAL OUTBREAK	272	-	-	-	-	0%	-
110-130-3689-4120 COVID-19 GLOBAL OUTBREAK	433	-	-	-	-	0%	-
110-130-3689-4129 COVID-19 GLOBAL OUTBREAK	18	-	-	-	-	0%	-
110-130-3689-4130 COVID-19 GLOBAL OUTBREAK	220	-	-	-	-	0%	-
110-130-3689-4300 COVID-19 GLOBAL OUTBREAK	518	-	-	-	-	0%	-
<i>Total Administrative Services Grants</i>	<i>9,483</i>	<i>2,087</i>	<i>1,380</i>	<i>-</i>	<i>-</i>	<i>0%</i>	<i>-</i>
Community Development Grants							
110-150-0536-4270 CALAPP PROGRAM	-	-	-	19,000	-	0%	-
110-150-0536-4300 CALAPP PROGRAM	-	-	-	21,000	-	0%	-
110-150-0578-4270 ADAPTATION PLANNING GRT# OPR23125	-	-	-	599,918	-	0%	-
110-150-3609-4270 PLANNING GRANT PRG 19-PGP-14026	53,816	94,220	11,291	674	-	0%	-
110-150-3687-4270 LOCAL EARLY ACTION PLANNING GRT (LEAP)	-	66,237	83,763	-	-	0%	-
110-150-3689-4101 COVID-19 GLOBAL OUTBREAK	2,870	-	-	-	-	0%	-
110-150-3689-4120 COVID-19 GLOBAL OUTBREAK	220	-	-	-	-	0%	-
110-150-3689-4129 COVID-19 GLOBAL OUTBREAK	20	-	-	-	-	0%	-
110-150-3689-4130 COVID-19 GLOBAL OUTBREAK	45	-	-	-	-	0%	-
110-150-7527-4270 SOCALGAS CLIMATE ADAPTATION & RESILIENCY	-	-	23,305	26,695	706	3%	-
110-152-3689-4101 COVID-19 GLOBAL OUTBREAK	4,144	-	-	-	-	0%	-
110-152-3689-4103 COVID-19 GLOBAL OUTBREAK	3,646	-	-	-	-	0%	-
110-152-3689-4120 COVID-19 GLOBAL OUTBREAK	596	-	-	-	-	0%	-
110-152-3689-4130 COVID-19 GLOBAL OUTBREAK	524	-	-	-	-	0%	-
110-152-3689-4300 COVID-19 GLOBAL OUTBREAK	159	-	-	-	-	0%	-
110-155-0522-4101 INNOVATION PROGRAM NO. AO-22-617	-	-	-	22,678	22,678	100%	-
110-155-0522-4120 INNOVATION PROGRAM NO. AO-22-617	-	-	-	1,363	1,363	100%	-
110-155-0522-4124 INNOVATION PROGRAM NO. AO-22-617	-	-	-	1,385	1,385	100%	-
110-155-0522-4129 INNOVATION PROGRAM NO. AO-22-617	-	-	-	776	776	100%	-
110-155-0522-4130 INNOVATION PROGRAM NO. AO-22-617	-	-	-	281	281	100%	-
<i>Total Community Development Grants</i>	<i>66,040</i>	<i>160,457</i>	<i>118,359</i>	<i>693,770</i>	<i>27,189</i>	<i>4%</i>	<i>-</i>
Police Grants							
110-220-3622-4260 BSCC-OFFICER WELLNESS & MENTAL HEALTH	-	-	-	15,000	-	0%	-
110-220-3622-4270 BSCC-OFFICER WELLNESS & MENTAL HEALTH	-	-	-	10,000	-	0%	-
110-220-3625-4500 2019 URBAN AREA SECURITY INITIATIVE UASI	585	-	-	-	-	0%	-
110-220-3644-4105 LAW ENFORCEMENT MENTAL HEALTH&WELLNESS	-	-	-	59,737	-	0%	-
110-220-3644-4270 LAW ENFORCEMENT MENTAL HEALTH&WELLNESS	-	-	2,250	19,350	-	0%	-
110-220-3644-4360 LAW ENFORCEMENT MENTAL HEALTH&WELLNESS	-	-	-	17,611	-	0%	-
110-220-3644-4370 LAW ENFORCEMENT MENTAL HEALTH&WELLNESS	-	-	-	9,270	-	0%	-
110-220-3662-4500 UASI URBAN AREA SEC. INITIATIVE #C1985	-	-	92,505	-	-	0%	-
110-220-3663-4500 HIGH FREQUENCY COMMUNICATIONS EQUIP PRG	-	-	-	59,968	59,208	99%	-
110-220-3675-4300 BULLETPROOF VESTS PARTNERSHIP 2022	-	-	-	23,874	19,536	82%	-
110-220-3678-4105 BSCC ORGANIZED RETAIL THEFT GRANT	-	-	-	39,204	-	0%	-
110-220-3678-4260 BSCC ORGANIZED RETAIL THEFT GRANT	-	-	-	100,000	-	0%	-
110-220-3678-4300 BSCC ORGANIZED RETAIL THEFT GRANT	-	-	-	5,575	-	0%	-
110-220-3678-4370 MEETINGS, MEMBERSHIPS & TRAVEL	-	-	-	3,570	-	0%	-
110-220-3678-4500 BSCC ORGANIZED RETAIL THEFT GRANT	-	-	-	346,615	-	0%	-
110-220-3684-4500 UASI FY2022 CONTRACT NO. 2144	-	-	-	141,466	-	0%	-
110-220-3938-4300 OPIOIDS SETTLEMENT	-	-	-	-	-	0%	-
110-222-3689-4300 COVID-19 GLOBAL OUTBREAK	45	-	-	-	-	0%	-
110-224-3689-4101 COVID-19 GLOBAL OUTBREAK	1,944	-	-	-	-	0%	-

Fund: Operating Grants

Resp. Dept: Various

APPROPRIATIONS (Cont.)	2021	2022	2023	2024	As of	2024	2025
Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed
110-224-3689-4120 COVID-19 GLOBAL OUTBREAK	28	-	-	-	-	0%	-
110-224-3689-4130 COVID-19 GLOBAL OUTBREAK	389	-	-	-	-	0%	-
110-225-0568-4101 SUBSTANCE ABUSE & MENTAL HEALTH-SAMHSA	-	-	-	86,178	-	0%	-
110-225-0568-4120 SUBSTANCE ABUSE & MENTAL HEALTH-SAMHSA	-	-	-	1,000	-	0%	-
110-225-0568-4130 SUBSTANCE ABUSE & MENTAL HEALTH-SAMHSA	-	-	-	16,000	-	0%	-
110-225-0568-4260 SUBSTANCE ABUSE & MENTAL HEALTH-SAMHSA	-	-	-	598,150	-	0%	-
110-225-0568-4300 SUBSTANCE ABUSE & MENTAL HEALTH-SAMHSA	-	-	-	18,750	-	0%	-
110-225-0568-4310 SUBSTANCE ABUSE & MENTAL HEALTH-SAMHSA	-	-	-	37,505	-	0%	-
110-225-3627-4105 OFFICE OF TRAFFIC SAFETY STEP PT20155	26,744	-	-	-	-	0%	-
110-225-3627-4300 OFFICE OF TRAFFIC SAFETY STEP PT20155	4,000	-	-	-	-	0%	-
110-225-3628-4105 OTS SELECTIVE TRAFFIC ENFOR STEP PT21053	3,907	10,845	-	-	-	0%	-
110-225-3628-4120 O.A.S.D.I.	-	-	-	-	-	0%	-
110-225-3628-4130 WORKER'S COMPENSATION INS.	-	-	-	-	-	0%	-
110-225-3628-4300 DEPARTMENT SUPPLIES	-	-	-	-	-	0%	-
110-225-3628-4370 MEETINGS, MEMBERSHIPS & TRAVEL	275	-	-	-	-	0%	-
110-225-3667-4105 TOBACCO GRANT PROGRAM	-	2,749	3,993	64,832	1,483	2%	-
110-225-3667-4120 TOBACCO GRANT PROGRAM	-	48	58	3,137	22	1%	-
110-225-3667-4129 TOBACCO GRANT PROGRAM	-	13	64	-	21	0%	-
110-225-3667-4130 TOBACCO GRANT PROGRAM	-	532	799	11,565	297	3%	-
110-225-3667-4270 TOBACCO GRANT PROGRAM	-	-	-	5,416	-	0%	-
110-225-3667-4300 TOBACCO GRANT PROGRAM	-	81	-	18,919	-	0%	-
110-225-3667-4370 TOBACCO GRANT PROGRAM	-	-	-	1,530	-	0%	-
110-225-3668-4105 ALCOHOL POLICING PARTNERSHIP 22-APP24	-	-	40,632	-	-	0%	-
110-225-3668-4120 ALCOHOL POLICING PARTNERSHIP 22-APP24	-	-	741	-	-	0%	-
110-225-3668-4129 ALCOHOL POLICING PARTNERSHIP 22-APP24	-	-	245	-	-	0%	-
110-225-3668-4130 ALCOHOL POLICING PARTNERSHIP 22-APP24	-	-	7,815	-	-	0%	-
110-225-3668-4300 ALCOHOL POLICING PARTNERSHIP 22-APP24	-	-	1,979	-	-	0%	-
110-225-3668-4360 ALCOHOL POLICING PARTNERSHIP 22-APP24	-	-	-	-	-	0%	-
110-225-3676-4360 BSCC BEHAVIORAL HEALTH TRAINING GRT	495	-	-	-	-	0%	-
110-225-3676-4450 OTHER EXPENSE	-	2,475	-	-	-	0%	-
110-225-3677-4105 OFFICE OF TRAFFIC SAFETY (STEP) PT2207C	-	-	-	-	-	0%	-
110-225-3677-4120 OFFICE OF TRAFFIC SAFETY (STEP) PT2207C	-	-	-	-	-	0%	-
110-225-3677-4130 OFFICE OF TRAFFIC SAFETY (STEP) PT2207C	-	-	-	-	-	0%	-
110-225-3677-4300 OFFICE OF TRAFFIC SAFETY (STEP) PT2207C	-	-	-	-	-	0%	-
110-225-3677-4370 OFFICE OF TRAFFIC SAFETY (STEP) PT2207C	-	-	-	-	-	0%	-
110-225-3681-4105 ABC-OTS GRANT PROG 21-OTS-14	11,010	5,255	-	-	-	0%	-
110-225-3681-4120 ABC-OTS GRANT PROG 21-OTS-14	160	76	-	-	-	0%	-
110-225-3681-4129 ABC-OTS GRANT PROG 21-OTS-14	19	18	-	-	-	0%	-
110-225-3681-4130 ABC-OTS GRANT PROG 21-OTS-14	2,161	1,051	-	-	-	0%	-
110-225-3683-4105 OVERTIME	4,590	2,891	-	-	-	0%	-
110-225-3683-4120 O.A.S.D.I.	67	42	-	-	-	0%	-
110-225-3683-4129 RETIREE HEALTH SAVINGS	26	22	-	-	-	0%	-
110-225-3683-4130 WORKER'S COMPENSATION INS.	918	578	-	-	-	0%	-
110-225-3713-4105 OVERTIME	-	28,819	347	-	-	0%	-
110-225-3713-4120 O.A.S.D.I.	-	609	5	-	-	0%	-
110-225-3713-4129 ALCOHOLIC BEVERAGE CONTROL (ABC) GRANT	-	139	10	-	-	0%	-
110-225-3713-4130 WORKER'S COMPENSATION INS.	-	5,369	69	-	-	0%	-
110-225-3713-4300 DEPARTMENT SUPPLIES	-	2,172	-	-	-	0%	-
Total Police Grants	57,362	63,783	151,512	1,714,222	80,566	5%	-

Fund: Operating Grants

Resp. Dept: Various

APPROPRIATIONS (Cont.)	2021	2022	2023	2024	As of	2024	2025
Account Number & Title	Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed
Public Works Grants							
110-310-3608-4270 HAZARD MITIGATION PROGRAM	12,481	-	-	4,375	-	0%	-
110-310-3689-4101 COVID-19 GLOBAL OUTBREAK	505	-	-	-	-	0%	-
110-310-3689-4120 COVID-19 GLOBAL OUTBREAK	39	-	-	-	-	0%	-
110-310-3689-4130 COVID-19 GLOBAL OUTBREAK	26	-	-	-	-	0%	-
110-311-3689-4103 COVID-19 GLOBAL OUTBREAK	109	-	-	-	-	0%	-
110-311-3689-4120 COVID-19 GLOBAL OUTBREAK	8	-	-	-	-	0%	-
110-311-3689-4130 COVID-19 GLOBAL OUTBREAK	8	-	-	-	-	0%	-
110-320-3689-4101 COVID-19 GLOBAL OUTBREAK	810	-	-	-	-	0%	-
110-320-3689-4120 COVID-19 GLOBAL OUTBREAK	62	-	-	-	-	0%	-
110-320-3689-4124 COVID-19 GLOBAL OUTBREAK	204	-	-	-	-	0%	-
110-320-3689-4130 COVID-19 GLOBAL OUTBREAK	115	-	-	-	-	0%	-
110-344-3689-4101 COVID-19 GLOBAL OUTBREAK	69	-	-	-	-	0%	-
110-344-3689-4120 COVID-19 GLOBAL OUTBREAK	5	-	-	-	-	0%	-
110-344-3689-4124 COVID-19 GLOBAL OUTBREAK	17	-	-	-	-	0%	-
110-344-3689-4130 COVID-19 GLOBAL OUTBREAK	10	-	-	-	-	0%	-
110-346-0838-4270 URBAN FOREST MGMT GRT NO. 8GA21429	-	15,000	36,049	237,724	-	0%	-
110-350-0869-4260 SB1383 LOCAL ASSISTANCE GRT PROG	-	-	-	35,916	13,500	38%	-
110-360-3689-4101 COVID-19 GLOBAL OUTBREAK	1,471	-	-	-	-	0%	-
110-360-3689-4103 COVID-19 GLOBAL OUTBREAK	154	-	-	-	-	0%	-
110-360-3689-4120 COVID-19 GLOBAL OUTBREAK	124	-	-	-	-	0%	-
110-360-3689-4124 COVID-19 GLOBAL OUTBREAK	320	-	-	-	-	0%	-
110-360-3689-4129 COVID-19 GLOBAL OUTBREAK	14	-	-	-	-	0%	-
110-360-3689-4130 COVID-19 GLOBAL OUTBREAK	199	-	-	-	-	0%	-
110-381-3689-4101 COVID-19 GLOBAL OUTBREAK	1,094	-	-	-	-	0%	-
110-381-3689-4120 COVID-19 GLOBAL OUTBREAK	84	-	-	-	-	0%	-
110-381-3689-4124 COVID-19 GLOBAL OUTBREAK	201	-	-	-	-	0%	-
110-381-3689-4129 COVID-19 GLOBAL OUTBREAK	20	-	-	-	-	0%	-
110-381-3689-4130 COVID-19 GLOBAL OUTBREAK	156	-	-	-	-	0%	-
110-382-3671-4970 CA WTR & WASTEWTR ARREARAGE PROG.	-	163,673	-	-	-	0%	-
110-382-3671-4972 CA WTR & WASTEWTR ARREARAGE PROG.	-	93,559	-	-	-	0%	-
110-383-3689-4310 COVID-19 GLOBAL OUTBREAK	176	-	-	-	-	0%	-
110-390-3689-4101 COVID-19 GLOBAL OUTBREAK	1,052	-	-	-	-	0%	-
110-390-3689-4103 COVID-19 GLOBAL OUTBREAK	12	-	-	-	-	0%	-
110-390-3689-4120 COVID-19 GLOBAL OUTBREAK	81	-	-	-	-	0%	-
110-390-3689-4124 COVID-19 GLOBAL OUTBREAK	227	-	-	-	-	0%	-
110-390-3689-4129 COVID-19 GLOBAL OUTBREAK	1	-	-	-	-	0%	-
110-390-3689-4130 COVID-19 GLOBAL OUTBREAK	151	-	-	-	-	0%	-
110-390-3689-4300 COVID-19 GLOBAL OUTBREAK	2,645	-	-	-	-	0%	-
<i>Total Public Works Grants</i>	<i>22,652</i>	<i>272,231</i>	<i>36,049</i>	<i>278,015</i>	<i>13,500</i>	<i>5%</i>	<i>-</i>
Recreation and Community Service Grants							
110-420-0517-4101 NATURE ADV & DISCOVERY CAMP PRG	-	-	-	7,838	-	0%	-
110-420-0517-4120 NATURE ADV & DISCOVERY CAMP PRG	-	-	-	730	-	0%	-
110-420-0517-4130 NATURE ADV & DISCOVERY CAMP PRG	-	-	-	700	-	0%	-
110-420-0517-4260 NATURE ADV & DISCOVERY CAMP PRG	-	-	-	25,727	8,750	34%	-
110-420-0517-4300 NATURE ADV & DISCOVERY CAMP PRG	-	-	-	7,900	-	0%	-
110-420-3649-4101 YOUTH REINVESTMENT PROG BSCC 582-19	5,639	4,924	2,726	-	-	0%	-
110-420-3649-4120 YOUTH REINVESTMENT PROG BSCC 582-19	414	352	209	-	-	0%	-
110-420-3649-4124 YOUTH REINVESTMENT PROG BSCC 582-19	1,090	757	436	-	-	0%	-
110-420-3649-4129 YOUTH REINVESTMENT PROG BSCC 582-19	46	57	26	-	-	0%	-
110-420-3649-4130 YOUTH REINVESTMENT PROG BSCC 582-19	89	78	43	-	-	0%	-
110-420-3689-4101 COVID-19 GLOBAL OUTBREAK	1,076	-	-	-	-	0%	-
110-420-3689-4120 COVID-19 GLOBAL OUTBREAK	82	-	-	-	-	0%	-
110-420-3689-4129 COVID-19 GLOBAL OUTBREAK	7	-	-	-	-	0%	-
110-420-3689-4130 COVID-19 GLOBAL OUTBREAK	17	-	-	-	-	0%	-
110-420-3689-4300 COVID-19 GLOBAL OUTBREAK	687	-	-	-	-	0%	-
110-420-3711-4260 CONTRACTUAL SERVICES	-	-	292,538	207,462	195,025	94%	-
110-420-3748-4260 SAN FERNANDO VALLEY MILE	-	3,500	37,930	-	-	0%	-
110-422-3649-4270 YOUTH REINVESTMENT PROG BSCC 582-19	245,455	245,455	195,405	-	-	0%	-
110-422-3649-4300 YOUTH REINVESTMENT PROG BSCC 582-19	-	-	-	-	-	0%	-
110-422-3649-4370 YOUTH REINVESTMENT PROG BSCC 582-19	-	-	-	-	-	0%	-

Fund: Operating Grants

Resp. Dept: Various

APPROPRIATIONS (Cont.)		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed
110-422-3649-4450	OTHER EXPENSE	-	-	1,720	-	-	0%	-
110-422-3682-4270	HOMELESS SERVICES NO. AO-20-633	-	21,247	-	-	-	0%	-
110-422-3682-4300	HOMELESS SERVICES NO. AO-20-633	-	-	3,969	-	-	0%	-
110-422-3689-4300	COVID-19 GLOBAL OUTBREAK	109	-	-	-	-	0%	-
110-422-3691-4101	SALARIES-PERMANENT EMPLOYEES	-	4,665	4,612	-	1,956	0%	-
110-422-3691-4103	FAMILY HIKE & WILDLIFE ACTIVITIES	-	1,013	727	-	869	0%	-
110-422-3691-4120	O.A.S.D.I.	-	434	408	-	216	0%	-
110-422-3691-4124	RETIREMENT	-	359	353	-	155	0%	-
110-422-3691-4129	RETIREE HEALTH SAVINGS	-	91	65	-	11	0%	-
110-422-3691-4130	WORKER'S COMPENSATION INS.	-	254	377	-	208	0%	-
110-422-3691-4230	ADVERTISING	-	-	-	-	-	0%	-
110-422-3691-4260	CONTRACTUAL SERVICES	-	-	200	-	5,605	0%	-
110-422-3691-4270	PROFESSIONAL SERVICES	-	-	-	-	-	0%	-
110-422-3691-4310	EQUIPMENT AND SUPPLIES	-	57	366	-	130	0%	-
110-422-3747-4260	LA EDUCATION PARTNERSHIP GRT-LAEP	-	-	962	18,238	-	0%	-
110-422-3747-4300	LA EDUCATION PARTNERSHIP GRT-LAEP	-	-	3,460	5,353	371	7%	-
110-422-3747-4500	LA EDUCATION PARTNERSHIP GRT-LAEP	-	-	29,388	10,543	-	0%	-
110-423-3689-4103	COVID-19 GLOBAL OUTBREAK	2,971	-	-	-	-	0%	-
110-423-3689-4120	COVID-19 GLOBAL OUTBREAK	227	-	-	-	-	0%	-
110-423-3689-4130	COVID-19 GLOBAL OUTBREAK	216	-	-	-	-	0%	-
<i>Total Recreation and Community Service Grants</i>		<i>258,126</i>	<i>283,243</i>	<i>575,920</i>	<i>284,491</i>	<i>258,587</i>	<i>91%</i>	<i>-</i>
Total Appropriations		439,867	782,260	883,219	2,970,498	379,842	13%	-
ANNUAL SURPLUS/DEFICIT		(262,705)	(109,373)	(459,647)	550,472	(202,253)		-
Ending Balance:		(206,887)	(316,260)	(775,907)	(225,435)			(225,435)



**COMMUNITY ORIENTED POLICING
SERVICES (COPS) GRANT**

FUND NO. 119

FUND OVERVIEW

The Office of Community Oriented Policing Service (COPS) of the Department of Justice awards competitive, discretionary grants directly to law enforcement agencies across the United States to assist in enhancing public safety through implementation of community policing strategies.

In Fiscal Year 2015-2016, the City received grant funding to partially fund an additional police officer position for three years.

MAJOR PROJECTS/PROGRAMS

- Hire Police Officer to fill the position funded by the grant.

Fund: DUI Avoid Campaign
Resp. Dept: Police

Beginning Fund Balance:		3,056	3,056	3,056	3,056	3,056		
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
3696-0880 FEDERAL FUNDS		-	-	-	-	-	-	-
Total Revenues		-	-	-	-	-	-	-
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
111-220-3670-4105 OVERTIME		-	-	-	-	-	-	-
111-220-3670-4120 O.A.S.D.I. #AL1465		-	-	-	-	-	-	-
111-220-3670-4130 WORKER'S COMPENSATION INS. #AL1465		-	-	-	-	-	-	-
<i>Personnel Costs</i>		-	-	-	-	-	-	-
Total Appropriations		-	-	-	-	-	-	-
ANNUAL SURPLUS/DEFICIT		-	-	-	-	-	-	-
Ending Balance:		3,056	3,056	3,056	3,056	3,056		

Fund: COPS Grant
Resp. Dept: Police Department

Beginning Fund Balance:		(12,053)	(12,053)	(12,053)	(12,053)	(12,053)		
REVENUES	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
3696-3641	COPS SAFE SCHOOLS	-	-	-	-	-	-	-
Total Revenue		-	-	-	-	-	-	-
APPROPRIATIONS	Account Number & Title	2021 Actual	2022 Actual	2023 Actual	2024 Adjusted	As of 12/31/2023	2024 % Used	2025 Proposed
119-225-3641-4101	SALARIES-PERMANENT EMPLOYEES	-	-	-	-	-	-	-
119-225-3641-4105	OVERTIME	-	-	-	-	-	-	-
119-225-3641-4120	O.A.S.D.I.	-	-	-	-	-	-	-
119-225-3641-4126	HEALTH INSURANCE	-	-	-	-	-	-	-
119-225-3641-4124	RETIREMENT	-	-	-	-	-	-	-
119-225-3641-4128	DENTAL INSURANCE	-	-	-	-	-	-	-
119-225-3641-4129	RETIREE HEALTH SAVINGS	-	-	-	-	-	-	-
119-225-3641-4130	WORKERS COMPENSATION INS.	-	-	-	-	-	-	-
119-225-3641-4134	LONG TERM DISABILITY INSURANCE	-	-	-	-	-	-	-
119-225-3641-4136	OPTICAL INSURANCE	-	-	-	-	-	-	-
119-225-3641-4138	LIFE INSURANCE	-	-	-	-	-	-	-
Personnel Costs		-	-	-	-	-	-	-
Total Appropriations		-	-	-	-	-	-	-
ANNUAL SURPLUS/DEFICIT		-	-	-	-	-	-	-
Ending Balance:		(12,053)	(12,053)	(12,053)	(12,053)	(12,053)		



**AMERICAN RESCUE PLAN ACT (ARPA)
FUND**

FUND NO. 121

FUND OVERVIEW

The Coronavirus State and Local Fiscal Recovery Funds were approved as part of the American Rescue Plan Act to provide \$350 billion to state, local, and Tribal governments across the United States to support the response to, and recovery from, the COVID-19 public health emergency.

MAJOR PROJECTS/PROGRAMS

- Fight the pandemic and support families and businesses struggling with its public health and economic impacts
- Maintain vital public services, even amid declines in revenue
- Build a strong, resilient, and equitable recovery by making investments that support long-term growth and opportunity

Fund: American Rescue Plan Act
Resp. Dept: Administration

		Beginning Fund Balance:		-	-	7,526	4,311,740	(0)	
REVENUES		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
3668-3689	AMERICAN RESCUE PLAN ACT-COVID-19	112,878	137,122	5,568,340	-	-	0%	-	
Total Revenues		112,878	137,122	5,568,340	-	-	0%	-	
APPROPRIATIONS		2021	2022	2023	2024	As of	2024	2025	
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/2023	% Used	Proposed	
Administration									
121-101-3689-4300	DEPARTMENT SUPPLIES	1,400	-	-	-	-	0%	-	
121-105-3689-4260	CONTRACTUAL SERVICES	425	-	-	-	-	0%	-	
121-105-3689-4270	PROFESSIONAL SERVICES	3,531	-	-	200,000	10,080	5%	-	
121-105-3689-4280	OFFICE SUPPLIES	2,654	-	-	-	-	0%	-	
121-105-3689-4300	DEPARTMENT SUPPLIES	6,174	-	-	-	-	0%	-	
121-107-3689-4270	COVID-19 GLOBAL OUTBREAK	-	-	-	250,000	-	0%	-	
121-110-3689-4270	PROFESSIONAL SERVICES	5,454	483	-	-	-	0%	-	
Total Administration Grants		19,638	483	-	450,000	10,080	2%	-	
Finance									
121-130-3689-4300	DEPARTMENT SUPPLIES	1,058	22	-	-	-	0%	-	
121-135-3689-4105	COVID-19 GLOBAL OUTBREAK	-	-	640	-	-	0%	-	
121-135-3689-4120	COVID-19 GLOBAL OUTBREAK	-	-	49	-	-	0%	-	
121-135-3689-4130	COVID-19 GLOBAL OUTBREAK	-	-	10	-	-	0%	-	
121-135-3689-4260	CONTRACTUAL SERVICES	460	300	9,063	181,812	1,128	1%	-	
121-135-3689-4600	COVID-19 GLOBAL OUTBREAK	-	-	-	50,000	-	0%	-	
121-190-0000-4300	DEPARTMENT SUPPLIES	-	4,285	-	-	-	0%	-	
121-190-3689-4270	PROFESSIONAL SERVICES	-	42,059	-	-	-	0%	-	
Total Finance Grants		1,518	46,666	9,762	231,812	1,128	0%	-	
Community Development									
121-150-3689-4300	DEPARTMENT SUPPLIES	31	-	-	-	-	0%	-	
121-152-3689-4300	DEPARTMENT SUPPLIES	57	-	-	-	-	0%	-	
121-151-3689-4270	COVID-19 GLOBAL OUTBREAK	-	-	-	-	-	0%	-	
121-155-3689-4260	CONTRACTUAL SERVICES	-	-	35,000	265,000	-	0%	-	
121-155-3689-4440	COVID-19 GLOBAL OUTBREAK	-	-	-	500,000	-	0%	-	
Total Community Development Grants		88	-	35,000	765,000	-	0%	-	
Police									
121-222-3689-4300	DEPARTMENT SUPPLIES	3,446	394	-	-	-	0%	-	
Total Police Grants		3,446	394	-	-	-	0%	-	
Public Works									
121-311-3689-4300	DEPARTMENT SUPPLIES	764	-	-	-	-	0%	-	
121-320-3689-4300	DEPARTMENT SUPPLIES	132	-	-	-	-	0%	-	
121-383-3689-4310	EQUIPMENT & SUPPLIES	96	-	-	-	-	0%	-	
121-385-0716-4600	UPPER RESERVOIR REPLACEMENT-DWR	-	-	-	850,000	7,900	1%	-	
121-390-0000-4260	CONTRACTUAL SERVICES	-	43,500	649	-	-	0%	-	
121-390-3648-4260	COMMUNITY POWER RESILIENCY PROG.	-	-	-	150,000	-	0%	-	
121-390-3689-4260	CONTRACTUAL SERVICES	73,982	2,175	-	100,000	-	0%	-	
121-390-3689-4300	DEPARTMENT SUPPLIES	4,812	-	-	-	-	0%	-	
Total Public Works Grants		79,785	45,675	649	1,100,000	7,900	1%	-	
Recreation and Community Service									
121-420-0671-4600	PIONEER PARK PLYGRD 2018 PARKS BOND ACT	-	-	-	254,961	-	0%	-	
121-420-3689-4270	COVID GLOBAL OUTBREAK	-	-	-	50,000	-	0%	-	
121-420-3689-4300	DEPARTMENT SUPPLIES	3,132	-	-	-	-	0%	-	
121-422-3689-4300	DEPARTMENT SUPPLIES	720	-	-	-	-	0%	-	
121-424-3689-4300	DEPARTMENT SUPPLIES	2,110	-	-	-	-	0%	-	
Total Recreation and Community Service Grants		5,961	-	-	304,961	-	0%	-	
Operations & Maintenance Costs		110,436	93,218	45,411	2,851,773	19,108	1%	-	

Fund: American Rescue Plan Act
Resp. Dept: Administration

APPROPRIATIONS (Cont.)		2021	2022	2023	2024	As of	2024	2025
Account Number & Title		Actual	Actual	Actual	Adjusted	12/31/23	% Used	Proposed
121-115-3689-4500	CAPITAL EXPENSE	-	36,377	-	-	-	0%	-
121-135-3689-4500	CAPITAL EXPENSE	-	-	17,240	103,870	1,031	1%	-
121-190-3689-4500	CAPITAL EXPENSE	-	-	-	-	-	0%	-
121-250-3689-4500	CAPITAL EXPENSE	2,442	-	-	-	-	0%	-
121-311-0560-4600	STREET RESURFACING PROGRAM	-	-	1,007,232	-	-	0%	-
121-311-3689-4600	COVID-19 GLOBAL OUTBREAK	-	-	-	950,000	-	0%	-
121-385-3689-4600	COVID-19 GLOBAL OUTBREAK	-	-	-	-	-	0%	-
121-422-3689-4600	COVID-19 GLOBAL OUTBREAK	-	-	-	400,000	-	0%	-
121-423-3689-4600	COVID-19 GLOBAL OUTBREAK	-	-	194,244	6,097	5,756	94%	-
<i>Capital Costs</i>		2,442	36,377	1,218,716	1,459,967	6,787	0%	-
Total Appropriations		112,878	129,596	1,264,127	4,311,740	25,895	1%	-
ANNUAL SURPLUS/DEFICIT		-	7,526	4,304,213	(4,311,740)	(25,895)		-
Ending Balance:		-	7,526	4,311,740	(0)			(0)



PAGE INTENTIONALLY
LEFT BLANK

SECTION VI.

**CAPITAL IMPROVEMENT
PROGRAM
FISCAL YEAR 2024-2025
&
FISCAL YEAR 2025-2026**

**Capital Improvement Program
Project Status (FY2024-25 and FY2025-26)**

Road Infrastructure Projects				
Project Number	Project Name	Program Year		Strategic Goals
		FY2024-25	FY2025-26	
0560	Phase 3:Annual Street Resurfacing Project	\$2,411,228	TBD	VI.2.a – Street Resurfacing
0560	Phase 4:Annual Street Resurfacing Project	\$1,255,208	TBD	VI.2.a – Street Resurfacing
0175	Phase 2: Bus Shelter Project	\$313,520	One Time	V.5 – Beautify and Update Bus Stops
0550/0551	Pacoima Wash Bikeway Project	\$4,392,491		V.7 – Improve City’s Trail Network
0567	Phase 2: Pacoima Wash Bikeway Project	\$5,773,530		V.7 – Improve City’s Trail Network
0510	Citywide Traffic Signal Synchronization Project	\$982,250	One Time	V – Reducing Traffic Congestion
0562	HSIP Cycle 8 Traffic Signal Improvements	\$1,721,227	One Time	V – Reducing Traffic Congestion
0847	Carlisle Green Alley Project	\$3,482,535		V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing
0671	Pioneer Park Playground Renovations Project	\$447,961		V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing
0156	Las Palmas Park Revitalization Project	\$3,703,261		V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing
TBD	Sidewalk Repair Project	\$500,000	TBD	V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing
0525	Fixed Route ADA Improvements Project	\$833,000	One Time	V – Reducing Traffic Congestion, V.3 – Pedestrian-focused

				Improvements, IV – Water Quality, V1.2.a – Street Resurfacing
TBD	Parking Meter Upgrade Project	\$150,000	TBD	V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing
Water System Projects				
Project Number	Project Name	Program Year		Strategic Goals
		FY2024-25	FY2025-26	
0716	Reservoir 4 Replacement Project	\$7,702,901	One Time	IV.3 – Water Storage Improvements
0857	Nitrate Treatment System: Well 2A	\$6,777,984	TBD	IV.3.e – Continue to use 100% local groundwater supply
TBD	Water Master Plan	\$100,000	Every Five years	Water Master Plan Water System Assesment
TBD	Water and Sewer Rate Study	\$50,000	Every Five years	Water & Sewer Rate Study
TBD	Lead Service Replacement Program	\$50,000	\$50,000	Lead Service Replacement Program
TBD	Meter Replacement Program ON GOING	\$85,000	\$85,000	Meter Replacement Program - ON GOING
TBD	Fire Hydrant Upgrade Program – ON GOING	\$50,000	\$50,000	Fire Hydrant Upgrade Program – ON GOING
Sewer System Projects				
Project Number	Project Name	Program Year		Strategic Goals
		FY2024-25	FY2025-26	
TBD	City-Wide CCTV Project	\$150,000	TBD	Sewer Line Monitoring
TBD	Sanitary Sewer Master Plan Project	\$250,000	Every Five years	Sewer Study
TBD	Sewer Line Replacement Project	\$1,095,000	TBD	Sewer Line Replacement

**ROAD INFRASTRUCTURE
PROGRAM
FISCAL YEAR 2024-2025
&
FISCAL YEAR 2025-2026**

Title: Phase 3: Annual Street Resurfacing Project

Program Years: FY2024-25

Strategic Goals: VI.2.a – Street Resurfacing

Project: 0560

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2024-25 Funds
SB1	025-3623-0560	\$715,000	\$350,000
Measure R	012-3210-0560	\$145,000	
Measure M	024-3210-0560	\$345,000	
Prop C	008-3210-0000	\$200,000	
State Gas Tax	011-3850-0560	\$144,242	
Capital Outlay	032-3970-0560	\$101,908	
STP-L	022-3664-0560	\$159,313	
ARPA	121-3668-3689	\$250,000	
Subtotals from previous and new Fiscal Years:		\$2,060,463	\$350,000
Total Sources (Phase 3):		\$2,411,228	

USES		
Activity	Account Number	Cost
Design	012-311-0560-4600	\$59,759
Construction Management	012/032-311-0560-4600	\$191,260
Construction – Phase 3 including Optional Work	025/110/024/011-311-0560-4600	\$1,800,174
Contingency	008/022-311-0560-4600	\$360,035
Total Uses:		\$2,411,228

Project Description: Phase 3 of the Annual Street Resurfacing Project will focus on approximately two miles of streets that are moderately-to-significantly deteriorated with cracks and potholes, so a more robust three-step slurry seal process will be performed. These are streets that typically require an overlay treatment, which involves cold milling existing asphalt and placement of new asphalt. This three-step process involves multiple layers of asphalt slurry that help to fill, level, and create a more acceptable travel surface to the road at a significant reduction in price, when compared to traditional overlays.

Schedule: Construction has been awarded. Construction will begin June/July 2024 and be completed by October 2024.

Title: Phase 4: Annual Street Resurfacing Project

Program Years: FY2024-25

Strategic Goals: VI.2.a – Street Resurfacing

Project: 0560

SOURCES			
Fund	Account Number	Allocation	
		FY2024-25 Funds	FY2025-26 (estimated)
SB1	025-3623-0560	\$150,000	\$600,000
Measure R	012-3210-0560	\$255,000	TBD
Measure M	024-3210-0560	\$450,000	TBD
Prop C	008-3210-0000	\$350,000	TBD
Pavement Management Fund	050-3800-0000	\$13,734	0
Total Sources (FY 2024-25):		\$1,218,734	

USES		
Activity	Account Number	Cost
Pavement Design/Construction Management	012/008-311-0560-4600	\$265,208
Street Construction	024/025/008/050-311-0560-4600	\$863,526
Contingency	008-311-0560-4600	\$90,000
Total Uses:		\$1,218,734

Project Description: The project will consist of 2-Step and 3-Step Slurry Seal treatments. It has yet to be determined the total miles of streets that will be treated.

Schedule: Design phase for the project is expected to begin in August 2024. Bid process expected begin in October 2024 with construction kicking off in January 2025.

Title: Phase 2 Bus Shelter Project

Program Years: FY2024-25

Strategic Goals: V.5 – Beautify and Update Bus Stops

Project: 0175

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2024-25 Funds
FTA 5309 Grant	010-3686-0175	\$250,816	\$0
Prop C	008-3686-0175	\$62,704	\$0
Subtotals from previous and new Fiscal Years:		\$313,520	\$0
Total Sources:		\$313,520	

USES		
Activity	Account Number	Cost
Construction	010-311-0175-4600	\$250,816
Match requirement	008-313-0175-4600	\$62,704
Total Uses:		\$313,520

Project Description: The City is using the remainder of FTA funds left over from the Phase 1 Bus Shelter project to upgrade approximately eight (8) bus stops by adding shade structures and other bus stop modifications to improve the quality and comfort of passengers waiting for the bus.

Schedule: Procurement process for contractor will be completed by June 2024. Construction of new shade structures and bus stop improvements will be completed by Spring 2025.

Title: Pacoima Wash Bikeway Project

Program Years: FY 2024-25

Strategic Goals: V.7 – Improve City’s Trail Network

Project: 0550/0551/0549/0647

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2024-25 Funds
CMAQ	010-3686-0549	\$1,513,000	\$0
ATP Cycle 3	010-3686-0550	\$973,000	\$0
AQMD/MSRC AB2726	010-3686-0551	\$354,000	\$0
Measure R	012-3210-0551	\$398,000	\$0
Measure M	024-3210-0551	\$217,000	\$0
SMMC Grant	010-3686-0647	\$937,491	\$0
Caltrans Grant (Assemblywoman Luz Rivas)	010-3686-0567	\$2,647,432	
Subtotals from previous and new Fiscal Years:		\$7,039,923	\$0
Total Sources:		\$7,039,923	

USES		
Activity	Account Number	Cost
Construction (Toro)	010/012/024-311-XXXX-4600	\$6,172,658
Construction Management (Willdan)	010/012/024-311-XXXX-4600	\$777,939
Studio-MLA	010/012/024-311-XXXX-4600	\$89,326
Total Uses:		\$7,039,923

Project Description: Construction of new bike path that extends a 1.34-mile length of the Pacoima Wash within the City of San Fernando, from 4th Street to 8th Street. It will also include a pedestrian/bike bridge over the Pacoima Wash at 8th Street, new fencing, lighting, wayfinding signage, and a bioretention swale.

Schedule: Construction is 85 percent complete. Scheduled to be 100 percent complete in August 2024.

Title: Pacoima Wash Connect Bikeway Project (Phase 2)

Program Years: FY2024-25

Strategic Goals: V.7 – Improve City’s Trail Network

Project: 0567

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2024-25 Funds
State Budget Allocation (Assemblywoman Luz Rivas)	010-3656-0567	\$5,773,530	\$0
			\$0
Subtotals from previous and new Fiscal Years:		\$5,773,530	\$0
Total Sources:		\$5,773,530	

USES		
Activity	Account Number	Cost
Design	010-311-0567-4600	\$250,000
Construction Management, Inspections	010-311-0567-4600	\$300,000
Construction	010-311-0567-4600	\$5,200,000
Contingency	010-311-0567-4600	\$780,000
On-Call Engineer Administration	010-311-0567-4600	\$23,530
Total Uses:		\$5,773,530

Project Description: A new bridge along west bank of the Pacoima Wash on Foothill Blvd. between Griswald and Eighth Street; New bikeway along the east bank of the Pacoima Wash from Eighth Street to Foothill Blvd; Solar lights along path; Decorative gate entrances; Landscaping.

Schedule: Procure consultant to design project by October 2024 and complete design by June 2025.

Title: Citywide Traffic Signal Synchronization Project

Program Years: FY2024-25

Strategic Goals: V – Reducing Traffic Congestion

Project: 0510

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2024-25 Funds
Prop C 25% Grant	009-3686-0510	\$775,376	\$0
Measure M	024-3210-0510	\$16,884	\$0
Subtotals from previous and new Fiscal Years:		\$792,260	\$0
New Funds (FY 24-25)			
Street Lighting Fund	027-3110-0000	\$190,000	\$0
Subtotals from new funding:		\$190,000	\$0
Total Sources:		\$982,260	

USES		
Activity	Account Number	Cost
Design (Completed)		\$0
Construction Engineering	009/024-371-0510-4600	\$95,625
Construction	012/024-371-0510-4600	\$853,124
Project Administration	012/024-371-0510-4600	\$33,501
Total Uses:		\$982,250

Project Description: The proposed project will improve the flow of traffic along two major north-south arterials and four major east-west arterials within the City as well as improve the efficiency of LACMTA bus line operations by providing bus improvements that will reduce traffic queuing. The project consists of the synchronization of 35 signalized intersections along the following arterials within the City of San Fernando: Truman Street, Hubbard Street, Maclay Avenue, Glenoaks Boulevard, Brand Boulevard and San Fernando Mission Boulevard.

Schedule: Award construction contract August 2024; begin construction in September 2024; complete project March 2025.

Title: HSIP Cycle 8 Traffic Signal Improvements

Program Years: FY2024-25

Strategic Goals: V – Reducing Traffic Congestion

Project: 0562

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2024-25 Funds
HSIP Grant	010-3686-0562	\$1,549,176	\$0
Measure M	024-3210-0562	\$30,481	\$0
Measure R	012-3210-0562	\$95,000	\$0
Total Sources:		\$1,674,657	

USES		
Activity	Account Number	Cost
Construction Management/Inspection/ Testing/Labor Compliance	010-311-0562-4600	\$245,984
Construction	010-311-0562-4600	\$1,229,430
Construction Contingency	010/012/024/-311-0562-4600	\$122,943
Staff Oversight/Grant Administration	012/024-311-0562-4600	\$61,000
Total Uses:		\$1,659,357

Project Description: The project includes the installation of larger signal heads, additional street lighting and protected left turn signal phases where left turns currently exist and all appurtenant work necessary to have a fully functional system. A total of nine intersection form part of this project. The intersections include: First Street at Hubbard Avenue; First Street at N Maclay Avenue; San Fernando Road at N Brand Boulevard; San Fernando Road at N Maclay Avenue; San Fernando Road at Hubbard Avenue; Truman Street at Wolfskill Street; Truman Street at N Brand Boulevard; Truman Street at N Maclay Avenue and Truman Street at Hubbard Avenue.

Schedule: Design is complete for this project. Expecting to receive E76 from Caltrans by September 2023. Construction contract will be awarded by December 2023. Construction will be completed by Fall 2024.

Title: Carlisle Green Alley Project

Program Years: FY2024-25

Strategic Goals: V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing

Project: 0847

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2025-26 Funds
CNRA – Urban Greening Grant	010-3683-0847	\$3,482,535	\$0
Total Sources:		\$3,482,535	

USES		
Activity	Account Number	Cost
Design/Construction Management/Inspection	010-310-0847-4260	\$400,000
Construction	010-310-0847-4600	\$3,082,535
Total Uses:		\$3,482,535

Project Description: The Carlisle Green Alley project transforms an underutilized alley (Carlisle Street) into a new linear greenspace that provides multiple benefits to residents and fulfills the City's goals for resiliency, climate adaptation, and active transportation. This project will include permeable surfaces for groundwater infiltration, trees and native landscaping, a clear bikeway, bioswales, a dedicated pedestrian pathway, and intersection improvements that encourage more walking and biking trips through San Fernando. The transformation of the alley will also address long-standing issues of blight and neglect often associated with alleys, and provide key connections to activity centers such as parks, churches, schools, and the Downtown San Fernando Mall. The project also delivers on a citywide planning effort to green adjacent public parking lots by installing trees and vegetated bioswales in the parking lot at Carlisle and Pico Streets.

Schedule: Design expected to start in second half of 2023. Construction expected to begin by Fall 2024 and be completed by Summer 2025.

Title: Pioneer Park Playground Renovation Project

Program Years: FY2024-25

Strategic Goals: V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing

Project: 0671

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2025-26 Funds
Playground Grant	010-3697-0671	\$192,905	\$0
ARPA	121-3668-3689	\$254,961	\$0
Total Sources:		\$447,866	

USES		
Activity	Account Number	Cost
Design/Construction Management/Inspection		\$0
Construction	010/121-423-3643-4600	\$447,961
Total Uses:		\$447,961

Project Description: The Pioneer Park Playground Renovation Project will replace the existing dilapidated play equipment with new ADA accessible inclusive play equipment. In addition, the project will add shading and an outdoor exercise equipment area to the footprint.

Schedule: Currently under design with design to be completed during June 2024. Construction is expected to start in July 2024 and completed in October 2024.

Title: Las Palmas Park Revitalization Project

Program Years: FY2024-25

Strategic Goals: V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing

Project: 0156

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2025-26 Funds
CNRA	010-3692-0156	\$3,703,261	\$0
Total Sources:		\$3,703,261	

USES		
Activity	Account Number	Cost
Design/Construction Management/Inspection	010-422-0156-4600	\$0
Construction	010-422-0156-4600	\$3,703,261
Total Uses		\$3,703,261

Project Description: The Revitalization Project includes addition of Multipurpose Athletic Field; (Splash Pad; Tennis/Pickleball Court; Sports Field & Park Lighting.

Renovations of: Play Area; Basketball Court; Baseball Fields; Walking Paths; Picnic Shelters; Outdoor Exercise Equip; Restroom/Concession Bldg.

Schedule: Currently under design with design to be completed during December 2024. Project bid and award will occur January through March 2025. Construction is expected to begin in April 2025 and completed in December 2025.

Title: City Sidewalk Repair Project

Program Years: FY2024-25

Strategic Goals: V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing

Project: 0866

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2025-26 Funds
ARPA	121-3668-3689	\$500,000	TBD
TDA Article 3 Funds	015-3695-0866	\$37,935	TBD
Total Sources:		\$537,935	

USES		
Activity	Account Number	Cost
Design/Construction Management/Inspection	015/121/311-0866-4600	\$39,800
Construction Management	121-311-0866-4600	\$21,735
Inspect/Labor Compliance/Testing	121-311-0866-4600	\$38,600
Construction	121-311-0866-4600	\$398,000
Contingency	121-311-0866-4600	\$39,800
Total Uses:		\$537,935

Project Description: There are five options for the Sidewalk Project, meeting the \$500,000 budget. All five options include wheelchair and sidewalk repairs on San Fernando Road, from Brand Blvd. and Chatsworth Drive, stemming from claim against the City.

Project Options:

1. School side of O'Melveny Elementary School, San Fernando Elementary School, SF Early Education Center and LA County Court.
2. Both sides of Chatsworth Drive, O'Melveny Elementary School.
3. Both sides of Mott Street and O'Melveny Ave., San Fernando Elementary Schools, SF Early Education Center and O'Melveny Elem. School.
4. LA County Court and Parking lot.
5. Various locations, not including schools or Court.

Schedule: Schedule is pending location identification. Once selected, work will be completed before the end of Fiscal Year 2024-25.

Title: Fixed Route ADA Sidewalk Improvements Project

Program Years: FY2024-25

Strategic Goals: V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing

Project: 0525

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2025-26
Enhanced Mobility for Seniors Grant (5310)	010-3686-0525	\$750,000	\$0
STP-L Funds	022-3662/3664/-0000	\$83,333	\$0
Total Sources:		\$833,333	

USES		
Activity	Account Number	Cost
Design	010-311-0525-4600	\$30,864
Construction	010-311-0525-4600	\$617,284
Construction Contingency	010-311-0525-4600	\$61,728
Construction Engineering	022/010-311-0525-4600	\$92,593
Project Administration	010-310-0525-4600	\$30,864
Total Uses:		\$833,333

Project Description: The Project is located at and immediately around three main intersections within the City. The three intersections are:

- Seventh Street and Harding Avenue
- Hubbard Street and Truman Street
- Truman Street between Brand Boulevard and Maclay Street

The Project consists of bringing the pedestrian walkways within the stated locations into ADA compliance by making improvements to or installing new curb cuts, sidewalks, accessible pedestrian ramps, wheelchair ramps, drive approaches, and tree parkway.

Schedule: Between July 2024 and September 2024, RFP will be released and construction contract awarded. Construction will begin in October 2024 and is scheduled to complete in January 2025.

Title: Parking Meter Upgrade Project

Program Years: FY2024-25

Strategic Goals: V – Reducing Traffic Congestion, V.3 – Pedestrian-focused Improvements, IV – Water Quality, V1.2.a – Street Resurfacing

Project: *Pending CIP Approval*

SOURCES			
Fund	Account Number	Allocation	
		FY2023-24 Carryover	FY2024-25 Funds
Parking and Maintenance Operations	029-3850-0000	\$100,000	\$50,000
Total Sources:		\$150,000	

USES		
Activity	Account Number	Cost
Purchase and Installation of Meters	029-335-XXXX-4600	\$150,000
Total Uses:		\$150,000

Project Description: Upgrade parking meters in Downtown Mall area, and the meters around courthouse that were not upgraded during phase one of the project, to smart meters.

Schedule: Project will kick-off in July 2024.

WATER SYSTEM CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2024-2025
&
FISCAL YEAR 2025-2026

Title: Reservoir 4 Replacement Project

Program Years: FY2024-25

Strategic Goals: IV.3 – Water Storage Improvements

Project: 0716

SOURCES			
Fund	Account Number	Allocation	
		Carryover from Previous Years	FY2024-25 Funds
State of California Funding - DWR	010-3686-0716	\$5,000,000	\$0
Water Fund	070-3686-0716	\$2,702,901	\$0
Subtotals from previous and new Fiscal Years:		\$7,702,901	\$0
Total Sources:		\$7,702,901	

USES		
Activity	Account Number	Cost
DWR Grant Administration Fee	010-385-0716-4600	\$200,000
Grant Match Requirement	070-385-0716-4600	\$50,000
Design and Specifications	010-385-0716-4600	\$545,345
Construction Management	010-385-0716-4600	\$427,746
Construction	010/070-385-0716-4600	\$5,890,000
Contingency (10%)	010/070-385-0716-4600	\$589,000
Total Uses:		\$7,702,091

Project Description: This project will replace an existing 1MG concrete reservoir with a new 1.1MG rectangular reservoir. The existing Upper Reservoir is a partially buried, circular reinforced concrete reservoir that was damaged due to seismic activity and has been operating at reduced capacity to avoid leakage. Due to this damage, the reservoir needs to be replaced to protect the public from catastrophic failure during major earthquake or natural disaster, provide increased operational flexibility, and effectively meet water demands.

Schedule: Construction is estimated to be completed by late part of June 2024 or early July 2024

Title: Nitrate Treatment System – Well 2A

Program Years: FY2024-25 and FY2025-26

Strategic Goals: IV.3.e – Continue to use 100% local groundwater supply

Project: 0857

SOURCES			
Fund	Account Number	Allocation	
		FY2024-25 Funds	FY2025-26 Funds
State Budget Allocation (Senator Robert Hertzberg)	010-3686-0857	\$0	\$7,000,000
Subtotals from previous and new Fiscal Years:		\$0	\$7,000,000
Total Sources:		\$7,000,000	

USES		
Activity	Account Number	Cost
IX Treatment System – Engineering and Design IX Treatment System for Well 2A	010-385-0857-4270	\$500,000
IX Treatment System – Construction for IX Treatment System for Well 2A	010-385-0857-4600	\$5,000,000
IX Treatment System – Construction Management for Well 2A	010-385-0857-4600	\$500,000
Total Uses:		\$6,000,000

Project Description: The second phase of the nitrate treatment system at Well 3 will allow for all four wells in the City’s water system to operate and ensure resiliency and a consistent water supply. The ion exchange treatment technology is the same that was developed and installed successfully for Well 7A in 2018. The new system will be installed next to the existing Well 7A system. The two systems combined can treat all the water extracted from Well 3 and Well 7A. A new system is planned for Well 2A. This will require system modifications and additional pipe line extensions to allow the use of a blending plan along with the operational treatment system.

Schedule: Well 3 IX Treatment System was completed and fully operational on March 2024. The timeline for installing and implementing a blending plan along with the IX Treatment System for Well 2A is: Design firm on board (by September 2024); Complete design (by January 2025); Secure additional funds based on completed design (by June 2025); Complete construction and system operational - 12-18 months (by December 2026). The Funding needed to complete the Well 2A project will be approximately \$2,250,000.

Title: Water Master Plan and Water Utility Rate Study

Program Years: FY2024-25 & FY2025-26

Strategic Goals: Infrastructure Improvements Analysis and Assessment

Project: Pending CIP Approval

SOURCES			
Fund	Account Number	Allocation	
		FY2024-25 Funds	FY2025-26 Funds
Water Fund	070-3810-0000	\$150,000	\$0
Total Sources:		\$150,000	

USES		
Activity	Account Number	Cost
Develop Water Master Plan	070-385-XXXX-4260	\$100,000
Conduct Water Utility Rate Study	070-385-XXXX-4260	\$50,000
Total Uses:		\$150,000

Project Description: The Water Master Plan and Water & Sewer Rate Study will assess and provide a holistic and forward-thinking strategy that outlines the long term vision and actions necessary to manage a community's water resource. It serves as a roadmap for asset owners and utilities to ensure the sustainable use and protection of water sources. Through the use of computer modeling and field data, the master plan covers the entire distribution system, provides a comprehensive overview of the system functions, and includes where improvements are needed based on assessments of the system's capacity and reliability. It will evaluate hydraulic performance and capacity, evaluate the City's water storage and source of supply, and recommend a proactive and manageable utility capital improvement program for the next 10 years. Previous Water Master Plan was conducted in 1969. Water Utility Standards recommends a Water Master Plan be conducted every 10 years.

The Water and Sewer Rate Study will allow the opportunity to evaluate the current set rates to help set a baseline rate adjustments if needed to help sustain the water system and its future capital infrastructure needs.

Schedule: Starting July 2024 will be the RFP process and once awarded the completion of these studies and reports are anticipated to be completed by January 2025.

Title: Lead Service Line Replacement Program

Program Years: FY2024-25 and FY2025-26

Strategic Goals: Public Health - Replace lead service lines with copper lines to meet the State Drinking Water Requirements and EPA's 2021 LCRR Rule to help minimize health concerns related to lead.

Project: *Pending CIP Approval*

SOURCES			
Fund	Account Number	Allocation	
		FY2024-25 Funds	FY2025-26 Funds
Water Fund	070-3810-0000	\$50,000	\$50,000
Total Sources:		\$100,000	

USES		
Activity	Account Number	Cost
New On Going Program to replace lead service lines	070-385-XXXX-4260	\$100,000
Total Uses:		\$50,000

Project Description: Replace lead service lines with copper lines to meet the State Drinking Water Requirements and EPA's 2021 LCRR Rule to help minimize health concerns related to lead exposure.

Schedule: New EPA LCRR Rule effective date is October 16, 2024 requiring Water utilities to provide the State with an inventory list of all service line and houseline material inventory. Staff has completed the distribution section phase 1 and is currently working on houseline customer side pipeline material list to be completed before October 2024 completing phase 2. Phase 3 the replacement of identified lead service lines will begin November. 2024 and continue until all lead lines have been replaced. Deadline to complete all replacements is 10 years (i.e. October 2034).

SEWER SYSTEM CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR 2024-2025
&
FISCAL YEAR 2025-2026

Title: City-Wide CCTV Project

Program Years: FY2024-25 & FY2025-26

Project: *Pending CIP Approval*

SOURCES			
Fund	Account Number	Allocation	
		FY2024-25 Funds	FY2025-26 Funds
Sewer Capital Fund	072-3745-0000	\$150,000	\$20,000
Total Sources:		\$170,000	

USES		
Activity	Account Number	Cost
Cleaning/Video/Data Analysis Report	072-365-XXXX-4600	\$170,000
Total Uses:		\$170,000

Project Description: A Citywide cleaning, videoing of all sewer lines (40 miles) in the City. All video will be reviewed and a report will be developed based on findings. This is a required prerequisite before conducting the sanitary sewer master plan.

Schedule: RFP for services will be sent out in August 2024.

Title: Sanitary Sewer Master Plan Project

Program Years: FY2024-25 & FY2025-26

Project: *Pending CIP Approval*

SOURCES			
Fund	Account Number	Allocation	
		FY2024-25 Funds	FY2025-26 Funds
Sewer Capital Fund	072-3745-0000	\$250,000	Every Five Years
Total Sources:		\$250,000	

USES		
Activity	Account Number	Cost
Develop Sanitary Sewer Master Plan	072-365-0000-4260	\$250,000
Total Uses:		\$250,000

Project Description: State Requirement. Update the City's sanitary sewer master plan; last done in 2015. State requires plan to be updated every five years. Plan is also a requirement prior to conduct a utility user fee process.

Schedule: RFP will be sent out once CCTV project has been complete; estimated early 2025.



Title: Sewer Line Replacement Project

Program Years: FY2024-25 & FY2025-26

Project: *Pending CIP Approval*

SOURCES			
Fund	Account Number	Allocation	
		FY2024-25 Funds	FY2025-26 Funds
Sewer Capital Fund	072-3745-0000	\$1,095,000	\$1,095,000
Total Sources:		\$2,190,000	

USES		
Activity	Account Number	Cost
Design and Specifications	072-365-0000-4260	\$250,000
Construction Management	072-365-0000-4600	\$65,000
Construction	072-365-0000-4600	\$650,000
Contingency (15%)	072-365-0000-4600	\$97,500
On-Call Engineer Review (5%)	072-365-0000-4600	\$32,500
Total Uses:		\$1,095,000

Project Description: Replacement of sewer lines.

Schedule: TBD (If Necessary)



City of San Fernando Water and Sewer Rate Study

**Draft Report
September 9, 2019**



LECHOWICZ + TSENG
MUNICIPAL CONSULTANTS

PO Box 3065
Oakland, CA 94609
(510) 545-3182
www.LTmuniconsultants.com

TABLE OF CONTENTS

SECTION 1: INTRODUCTION AND EXECUTIVE SUMMARY	1
1.1 Background	1
1.2 Requirements of Proposition 218	1
1.3 San Juan Capistrano Court Case.....	2
1.4 Rate Study Process.....	3
1.5 Proposed Rates	4
SECTION 2: CURRENT RATES AND CUSTOMER BASE	9
2.1 Current Water Rates	9
2.2 Water Customer Base	10
2.3 Residential Tiered Water Use	12
2.4 Current Wastewater Rates.....	13
SECTION 3: WATER REVENUE REQUIREMENT	16
3.1 Revenues.....	16
3.2 Operations.....	16
3.3 Water Capital Improvement Plan	18
Water	21
3.4 Reserves	21
3.5 Water Fund Cash Flow	21
SECTION 4: WATER COST ALLOCATION	26
4.1 Methodology.....	26
4.2 Cost Allocation Results.....	26
SECTION 5: WATER RATE DESIGN	29
5.1 Billing Units	29
5.2 Unit Cost Calculation.....	30
5.3 Meter Fee Calculation.....	32
5.4 Usage Rate	32
5.5 Low Income Water Rate Assistance.....	33
5.6 Options Comparison	33
5.7 Proposed Water Rates	35
5.8 Bill Impacts	37
SECTION 6: SEWER REVENUE REQUIREMENT.....	40
6.1 Revenues.....	40
6.2 Operations.....	40
6.3 Sewer Capital Improvement Plan	42
6.4 Sewer Reserves	44
6.5 Sewer Fund Cash Flow	44
SECTION 7: SEWER COST ALLOCATION	48
7.1 Methodology.....	48
7.2 Cost Allocation Results.....	49
SECTION 8: SEWER RATE DESIGN.....	53
8.1 Reduced Multi-Family Residential Sewer Rate	53
8.2 Billing Units	54
8.3 Flow Analysis	55
8.4 Unit Cost Calculation.....	56

8.5	Options Comparison	58
8.6	Proposed Sewer Rates	59
8.7	Bill Impacts	61
SECTION 9: CONCLUSIONS AND RECOMMENDATIONS.....		63
9.1	Rate Study Conclusions.....	63
9.2	Utility Bill Comparison.....	63

Appendix A: Water Cost Allocations for Phase 2 Option

Appendix B: Sewer Cost Allocations for Phase 2 Option

LIST OF TABLES

Table 1: PHASE 1 Five Year Water Rate Plan	4
Table 2: PHASE 2 Five Year Water Rate Plan	5
Table 3: PHASE 1 Five Year Sewer Rate Plan	6
Table 4: PHASE 2 Five Year Sewer Rate Plan	7
Table 5: Current Water Rates	10
Table 6: Water Accounts and Estimated Revenue.....	11
Table 7: Water Use.....	11
Table 8: Current Average Bi-monthly Single Family Residential Water Bill.....	12
Table 9: Residential Tiered Water Use.....	12
Table 10: Current Bi-monthly Sewer Rates.....	14
Table 11: Sewer Accounts and Estimated Revenues	15
Table 12: History of Water Expenses	17
Table 13: Water Operating Expense Projection.....	18
Table 14: PHASE 1 - Water Capital Improvement Plan.....	19
Table 15: PHASE 2 - Water Capital Improvement Plan.....	20
Table 16: Water Option Comparison	22
Table 17: PHASE 1 - Water Utility Cash Flow	24
Table 18: PHASE 2 - Water Utility Cash Flow	25
Table 19: PHASE 1 - Water Cost Allocation.....	27
Table 20: PHASE 1 - Allocation to Fixed and Variable Cost Categories.....	28
Table 21: Water Billing Unit Projection	29
Table 22: Meter Equivalents	30
Table 23: PHASE 1 - Water Unit Cost Calculation	31
Table 24: PHASE 1 - FY2020 Water Fixed Charge Calculation.....	32
Table 25: FY2020 Water Rate Comparison	33
Table 26: Class Comparison of Meter Fee and Water Usage Rate Revenue	34
Table 27: Total Water Rate Revenue Class Comparison.....	35
Table 28: PHASE 1 Five Year Water Rate Plan	36
Table 29: PHASE 2 Five Year Water Rate Plan	37
Table 31: Single Family Residential Water Bill Impacts	38
Table 31: History of Sewer Expenses	41
Table 32: Sewer Operating Expense Projection.....	41
Table 33: Sewer Capital Improvement Plan.....	43
Table 34: Sewer Option Comparison	45
Table 35: PHASE 1 - Sewer Utility Cash Flow	46
Table 36: PHASE 2 - Sewer Utility Cash Flow	47
Table 38: Classification of Sewer Expenses by Function.....	49
Table 39: Sewer Loading Calculations.....	50
Table 40: Sewer Allocation Factors.....	51
Table 41: Sewer Revenue Requirements by Class – PHASE 1.....	52
Table 42: Projected Sewer Customers	54
Table 43: Projected Sewer Flow (HCF).....	55
Table 44: PHASE 1 - Sewer Rate Derivation.....	56
Table 45: FY2020 Sewer Rate Comparison	58

Table 46: PHASE 1 Five Year Sewer Rate Plan	59
Table 47: PHASE 2 Five Year Sewer Rate Plan	60
Table 48: Sample Sewer Bill Impacts	61

SECTION 1: INTRODUCTION AND EXECUTIVE SUMMARY

1.1 Background

The City of San Fernando (City) provides water and sewer service to over five thousand accounts. The City's water supply is provided via four groundwater wells. The City also has an "as-needed" water supply contract with the Metropolitan Water District of Southern California (MWD). San Fernando last imported water from MWD in 2015 and this study assumes that no future water purchases will be needed over the next five years. The City owns and operates a sewer collection system of about 220,000 linear feet of mainlines. Wastewater effluent is conveyed to the City of Los Angeles for treatment and disposal.

The City last conducted an in-depth utility rate study in 2011 to review the cost of service and design appropriate rates and charges. Based on the results of that study, sewer rates were last increased in fiscal year (FY) 2014/15 and water rates were last increased in FY2016/17. Since the prior rate study, the City has conducted an engineering analysis to determine needs for funding infrastructure repairs and improvements. Moreover, recent legal rulings have set more stringent requirements regarding how public agencies can implement tiered water rates.

1.2 Requirements of Proposition 218

Proposition 218, the "Right to Vote on Taxes Act", was approved by California voters in November 1996 and is codified as Articles XIII C and XIII D of the California Constitution. Proposition 218 establishes requirements for imposing any new or increasing any existing property-related fees and charges. For many years, there was no legal consensus on whether water and sewer service fees met the definition of "property-related fees." In July 2007, the California Supreme Court essentially confirmed that Proposition 218 applies to water and wastewater (sewer) service fees.

The City must follow the procedural requirements of Proposition 218 for all utility rate increases. These requirements include:

1. **Noticing Requirement** – The City must mail a notice of the proposed rate increases to all affected property owners or ratepayers. The notice must specify the amount of the fee, the basis upon which it was calculated, the reason for the fee, and the date/time/location of a public rate hearing at which the proposed rates will be considered/adopted.
2. **Public Hearing** – The City must hold a public hearing prior to adopting the proposed rate increases. The public hearing must be held not less than 45 days after the required notices are mailed.
3. **Rate Increases Subject to Majority Protest** - At the public hearing, the proposed rate increases are subject to majority protest. If more than 50% of affected property owners or ratepayers submit written protests against the proposed rate increases, the increases cannot be adopted.

Proposition 218 also established substantive requirements that apply to water and sewer rates and charges, including:

1. **Cost of Service** - Revenues derived from the fee or charge cannot exceed the funds required to provide the service. In essence, fees cannot exceed the “cost of service”.
2. **Intended Purpose** - Revenues derived from the fee or charge can only be used for the purpose for which the fee was imposed.
3. **Proportional Cost Recovery** - The amount of the fee or charge levied on any customer shall not exceed the proportional cost of service attributable to that customer.
4. **Availability of Service** - No fee or charge may be imposed for a service unless that service is used by, or immediately available to, the owner of the property.
5. **General Government Services** - No fee or charge may be imposed for general governmental services where the service is available to the public at large.

Charges for water, sewer, and refuse collection are exempt from additional voting requirements of Proposition 218, provided the charges do not exceed the cost of providing service and are adopted pursuant to procedural requirements of Proposition 218.

1.3 San Juan Capistrano Court Case

The judge’s ruling in the Capistrano Taxpayers Association, Inc. v. City of San Juan Capistrano court case clarified the cost of service requirements applicable to tiered water rates in California. Under a tiered structure, higher levels of water use are charged a higher rate. To comply with Proposition 218, each water rate tier breakpoint (i.e. the consumption used in each tier) and the price of each tier must be individually cost-justified. The City of San Juan Capistrano was found to be out of compliance with Prop 218 requirements because the City arbitrarily developed its higher water tiers to achieve conservation goals. The City’s tiered rate structure did not reflect the actual cost of providing water to higher tiers.

San Fernando’s current water rate structure includes three tiers for residential water use. Non-residential customers are charged a uniform rate under which all levels of use are charged the same \$/hundred cubic foot rate. The current residential rates were developed prior to the San Juan Capistrano ruling. It is unclear if the City could provide a nexus between higher use and the higher potential cost of delivering water. It is recommended that the City transition all customers to a uniform water rate structure.

1.4 Rate Study Process

This section details the development of the City's water and sewer rates via the Proposition 218 process as shown in the following figure.

Figure 1: Comprehensive Cost of Service Study Process



The following is a brief description of the rate study process:

- **Revenue Requirements** - Revenue requirements are analyzed via financial plans developed from the Water and Sewer Fund budgets. Based on the best information currently available, the financial plans incorporate projected operation and maintenance costs, capital expenditures, debt service, and growth to estimate annual revenue requirements. The plans serve as a roadmap for funding the City's future operating and capital programs while maintaining long-term fiscal stability.
- **Cost of Service Allocation** - The cost of service process builds on the financial plan analysis and assigns water and wastewater system costs to functional cost components: customer service, meters and services, base, and extra for water, and base, flow, and strength for sewer.

- **Rate Design** - Rate design involves developing a rate structure that proportionately recovers costs from customers. Final rate recommendations are designed to (a) fund the utilities' short- and long-term costs of providing service; (b) proportionately allocate costs to all customers and customer classes; and (c) comply with the substantive requirements of Proposition 218.

1.5 Proposed Rates

The findings and recommendations presented in this report were developed with substantial input from City staff, the Ad Hoc Rates Advisory Committee, and City Council. Two water rate and three sewer rate options were developed based on varying levels of infrastructure funding. The water rate options are provided in Tables 1 and 2, and the sewer rate options are provided in Tables 4 and 5.

Table 1: PHASE 1 Five Year Water Rate Plan
City of San Fernando
Water and Sewer Rate Study 2019

	Current	2019/20	2020/21	2021/22	2022/23	2023/24	
BI-MONTHLY FIXED CHARGES							
<u>Meter Size</u>							
5/8" and 3/4"	\$37.37	\$41.11	\$44.41	\$47.96	\$51.80	\$55.94	
1"	\$63.93	\$83.53	\$90.24	\$97.45	\$105.25	\$113.66	
1-1/2"	\$108.20	\$154.23	\$166.61	\$179.92	\$194.32	\$209.86	
2"	\$161.32	\$239.07	\$258.26	\$278.89	\$301.21	\$325.30	
3"	\$302.99	\$465.31	\$502.66	\$542.81	\$586.25	\$633.14	
4"	\$462.37	\$719.83	\$777.61	\$839.72	\$906.92	\$979.46	
6"	\$905.07	\$1,426.83	\$1,541.36	\$1,664.47	\$1,797.67	\$1,941.46	
BI-MONTHLY COMMODITY CHARGES (rate per hcf)							
Single & Multi-Family Residential							
Tier 1: 0 - 18 hcf		\$1.31					
Tier 2: 19 - 36 hcf		\$2.67					
Tier 3: Over 36 hcf		\$3.56					
			All customer classes				
Non-Residential		\$2.38	\$2.27	\$2.46	\$2.66	\$2.87	\$3.10

Table 2: PHASE 2 Five Year Water Rate Plan
City of San Fernando
Water and Sewer Rate Study 2019

	Current	2019/20	2020/21	2021/22	2022/23	2023/24
BI-MONTHLY FIXED CHARGES						
<u>Meter Size</u>						
5/8" and 3/4"	\$37.37	\$42.95	\$48.19	\$53.98	\$60.45	\$67.70
1"	\$63.93	\$87.49	\$98.08	\$109.87	\$123.05	\$137.80
1-1/2"	\$108.20	\$161.71	\$181.23	\$203.02	\$227.37	\$254.62
2"	\$161.32	\$250.78	\$281.01	\$314.80	\$352.56	\$394.81
3"	\$302.99	\$488.30	\$547.09	\$612.88	\$686.40	\$768.65
4"	\$462.37	\$755.51	\$846.43	\$948.22	\$1,061.97	\$1,189.22
6"	\$905.07	\$1,497.76	\$1,677.93	\$1,879.72	\$2,105.22	\$2,357.47
BI-MONTHLY COMMODITY CHARGES (rate per hcf)						
Single & Multi-Family Residential						
Tier 1: 0 - 18 hcf	\$1.31					
Tier 2: 19 - 36 hcf	\$2.67					
Tier 3: Over 36 hcf	\$3.56					
		All customer classes				
Non-Residential	\$2.38	\$2.35	\$2.63	\$2.94	\$3.30	\$3.69

HCF - hundred cubic feet; one HCF = 748 gallons

Table 3: PHASE 1 Five Year Sewer Rate Plan
City of San Fernando
Water and Sewer Rate Study 2019

	Current	Projected				
		2019/20	2020/21	2021/22	2022/23	2023/24
BI-MONTHLY FIXED CHARGES						
<u>Customer Class</u>						
Single Family Residential	\$65.40	\$78.35	\$79.93	\$81.53	\$83.16	\$84.82
Multi-Family Residential	\$65.40	\$57.37	\$58.52	\$59.69	\$60.89	\$62.11
Group II Commercial (1)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Group III Commercial (2)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Group IV Commercial (3)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
City Property	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Industrial	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Schools (4)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Higher Education (4)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
UNIT CHARGES (rate per hcf)						
<u>Customer Class</u>						
Group II Commercial (1)	\$1.89	\$2.67	\$2.72	\$2.78	\$2.83	\$2.89
Group III Commercial (2)	\$3.04	\$4.43	\$4.52	\$4.61	\$4.70	\$4.79
Group IV Commercial (3)	\$4.57	\$6.54	\$6.67	\$6.80	\$6.94	\$7.08
City Property	\$1.44	\$2.32	\$2.36	\$2.41	\$2.46	\$2.51
Industrial	\$1.44	\$2.38	\$2.43	\$2.48	\$2.53	\$2.58
Schools (4)	\$1.28	\$1.71	\$1.75	\$1.78	\$1.82	\$1.86
Higher Education (4)	\$1.28	\$1.71	\$1.75	\$1.78	\$1.82	\$1.86

SFR – single family residential; MFR – multi family residential

1 - Group II Commercial: auto parking, barber shop, car wash, church, commercial use, dental office/clinic, department & retail stores, film processing, food processing plant (industrial), health club/spa, hospitals, indoor theatre, laundromats, library: public ares, lumber yards, membership organizations, motion picture (studios), professional offices, social services, soft water service, theatre (cinema), and warehouse

2 - Group III Commercial: gas station (4 bays max), hotels/motels w/o restaurants, manufacturing, manufacturing (industrial), repair & service stations

3 - Group IV Commercial: bakeries (wholesale)/donut shop, banquet room/ball room, cafeteria, hotels/motels with restaurants, mortuary - embalming area, restaurants, supermarkets

4 - Charge per student

Table 4: PHASE 2 Five Year Sewer Rate Plan
City of San Fernando
Water and Sewer Rate Study 2019

	Current	Projected				
		2019/20	2020/21	2021/22	2022/23	2023/24
BI-MONTHLY FIXED CHARGES						
<u>Customer Class</u>						
Single Family Residential	\$65.40	\$81.41	\$86.31	\$91.51	\$97.02	\$102.86
Multi-Family Residential	\$65.40	\$59.60	\$63.19	\$67.00	\$71.03	\$75.31
Group II Commercial (1)	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Group III Commercial (2)	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Group IV Commercial (3)	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
City Property	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Industrial	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Schools (4)	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Higher Education (4)	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
UNIT CHARGES (rate per hcf)						
<u>Customer Class</u>						
Group II Commercial (1)	\$1.89	\$2.77	\$2.94	\$3.12	\$3.31	\$3.50
Group III Commercial (2)	\$3.04	\$4.60	\$4.88	\$5.17	\$5.48	\$5.81
Group IV Commercial (3)	\$4.57	\$6.79	\$7.20	\$7.63	\$8.09	\$8.58
City Property	\$1.44	\$2.41	\$2.55	\$2.71	\$2.87	\$3.04
Industrial	\$1.44	\$2.47	\$2.62	\$2.78	\$2.95	\$3.13
Schools (4)	\$1.28	\$1.78	\$1.89	\$2.00	\$2.12	\$2.25
Higher Education (4)	\$1.28	\$1.78	\$1.89	\$2.00	\$2.12	\$2.25

SFR – single family residential; MFR – multi family residential

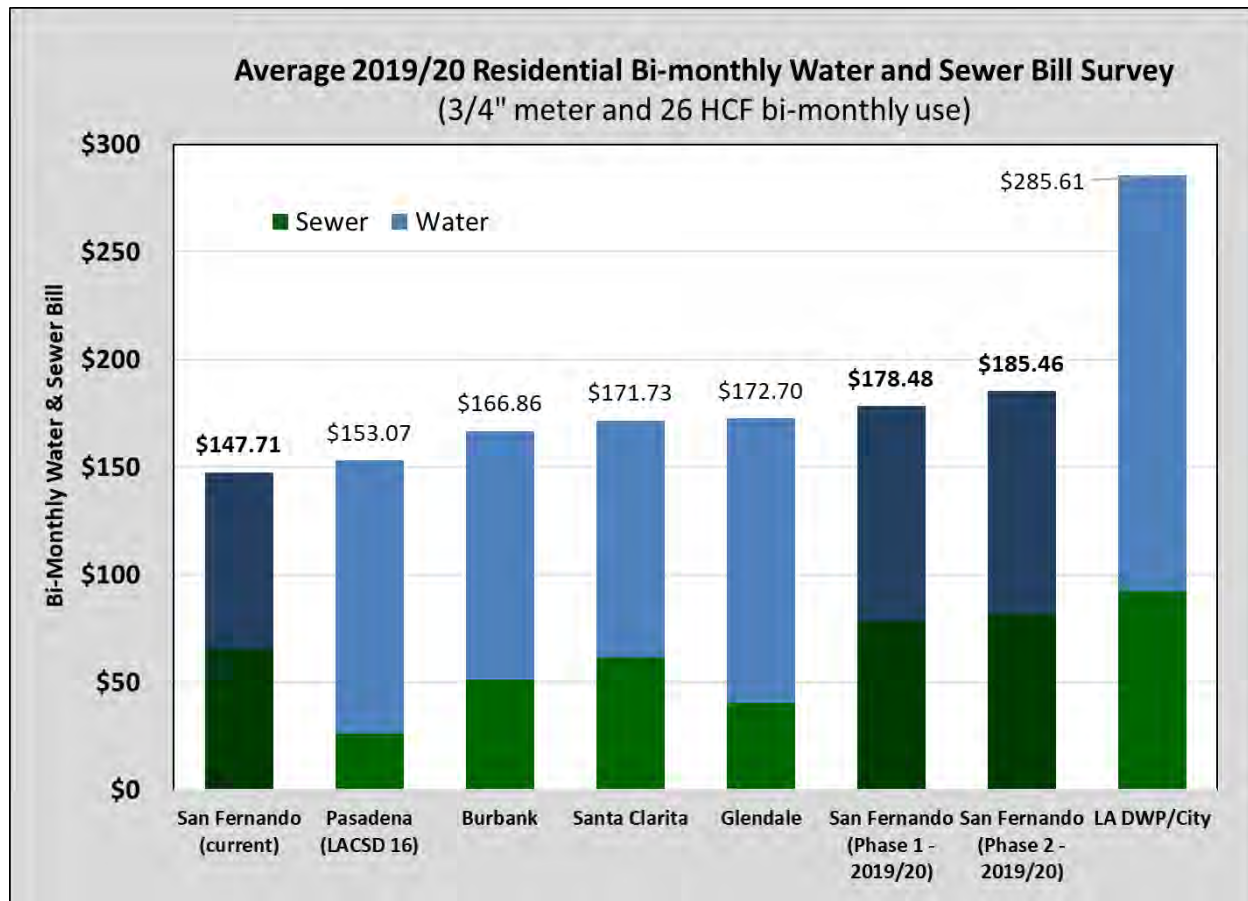
1 - Group II Commercial: auto parking, barber shop, car wash, church, commercial use, dental office/clinic, department & retail stores, film processing, food processing plant (industrial), health club/spa, hospitals, indoor theatre, laundromats, library: public ares, lumber yards, membership organizations, motion picture (studios), professional offices, social services, soft water service, theatre (cinema), and warehouse

2 - Group III Commercial: gas station (4 bays max), hotels/motels w/o restaurants, manufacturing, manufacturing (industrial), repair & service stations

3 - Group IV Commercial: bakeries (wholesale)/donut shop, banquet room/ball room, cafeteria, hotels/motels with restaurants, mortuary - embalming area, restaurants, supermarkets

4 - Charge per student

The average bi-monthly water use of a single family customer is 26 hundred cubic feet (HCF) and the most common residential meter size is 3/4". Based on these parameters, a utility bill survey was conducted comparing the City of San Fernando's current and proposed bills to other local agencies.



SECTION 2: CURRENT RATES AND CUSTOMER BASE

This section provides an overview of the City's current water and sewer rates, customer base, and current rate revenues.

2.1 Current Water Rates

The City bills for water and sewer service bi-monthly, i.e. each bill covers a two-month period. The City's water rate structure includes fixed meter charges and volume rates based on metered water usage.

2.1.1 Fixed Charges

All customers, residential and non-residential, are charged the same fixed charges based on their meter size. The fixed charge is levied regardless of water consumption and recognizes that even when a customer does not use any water, the City incurs fixed costs associated with maintaining the ability or readiness to serve each connection. Meter size represents the estimated demand that each customer can place on the water system. A significant portion of a water system's design, and therefore, the utility's operating and capital costs are associated with meeting capacity requirements. The City's base meter size is either a 5/8" or 3/4" meter. Larger meters are charged based on their estimated capacity represented by meter ratios recommended by the American Water Works Association (AWWA). These meter capacity ratios provide a basis for charging customers proportional to the capacity that is reserved for them in the water system.

2.1.2 Volume Rates

For residential customers, the City uses a tiered water rate structure in which higher levels of use are charged a higher rate per HCF. Non-residential customers are charged a uniform rate for all water use. Prior and current water rates are provided in Table 5.

Table 5: Current Water Rates
City of San Fernando
Water and Sewer Rate Study 2019

Water Rates							Annual Percent Change			
		2012/13	2013/14	2014/15	2015/16	2016/17	2013/14	2014/15	2015/16	2016/17
BI-MONTHLY FIXED CHARGES							FIXED CHARGES			
<u>Meter Size</u>	<u>Meter Ratios</u>					Current				
5/8" and 3/4"	1.0	\$27.15	\$30.22	\$32.94	\$35.90	\$37.37	11%	9%	9%	4%
1"	2.5	\$45.58	\$50.73	\$55.30	\$60.27	\$63.93	11%	9%	9%	6%
1-1/2"	5.0	\$76.30	\$84.92	\$92.56	\$100.89	\$108.20	11%	9%	9%	7%
2"	8.0	\$113.16	\$125.94	\$137.27	\$149.63	\$161.32	11%	9%	9%	8%
3"	16.0	\$211.44	\$235.33	\$256.51	\$279.60	\$302.99	11%	9%	9%	8%
4"	25.0	\$322.02	\$358.40	\$390.65	\$425.81	\$462.37	11%	9%	9%	9%
6"	50.0	\$629.17	\$700.25	\$763.27	\$831.96	\$905.07	11%	9%	9%	9%
BI-MONTHLY COMMODITY CHARGES (rate per hcf)							COMMODITY CHARGES			
Single & Multi Family Residential										
Tier 1: 0 - 18 hcf		\$0.89	\$1.00	\$1.11	\$1.20	\$1.31	12%	11%	8%	9%
Tier 2: 19 - 36 hcf		\$1.81	\$2.04	\$2.25	\$2.45	\$2.67	13%	10%	9%	9%
Tier 3: Over 36 hcf		\$2.42	\$2.72	\$3.00	\$3.27	\$3.56	12%	10%	9%	9%
Non-Residential							12%	10%	9%	9%

hcf - hundred cubic feet; one hcf = 748 gallons

2.2 Water Customer Base

Table 6 provides customer meter information and estimated revenues for FY2018/19. Single family residential customers make up about 76% of the City's total water accounts. In FY2018/19, the City expects to collect about \$3.975 million in water service charges, of which about 37% is made up of fixed meter charges and 63% is water usage rate revenue. Table 7 provides annual water use and the bi-monthly average use per customer. The average single family water use is 26 HCF per bi-monthly period. Under current rates, the average bi-monthly bill is about \$82, see Table 8.

Table 6: Water Accounts and Estimated Revenue
City of San Fernando
Water and Sewer Rate Study 2019

Customer Class	5/8"	3/4"	1"	1.5"	2"	3"	4"	6"	Total	
Single Family	6	3,544	278	9	4	0	0	0	3,841	76%
Multi Family	1	283	104	37	24	3	2	0	454	9%
Church	0	14	13	10	12	0	0	0	49	1%
Commercial	0	210	96	57	58	7	0	0	428	8%
City	0	2	2	2	6	3	1	0	16	0%
Elementary School	0	1	0	2	6	2	2	0	13	0%
Higher Education	0	2	1	1	4	1	2	1	12	0%
Industrial	0	53	43	42	28	0	0	0	166	3%
<u>Irrigation</u>	<u>0</u>	<u>13</u>	<u>23</u>	<u>9</u>	<u>15</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>61</u>	<u>1%</u>
Total	7	4,122	560	169	157	16	8	1	5,040	100%

2018/19 FIXED CHARGE REVENUE

Bi-Monthly 2018/19 Fixed Charge \$37.37 \$37.37 \$63.93 \$108.20 \$161.32 \$302.99 \$462.37 \$905.07

2018/19 Fixed Charge Revenue \$1,570 \$924,235 \$214,805 \$109,715 \$151,963 \$29,087 \$22,194 \$5,430 \$1,458,999

Total 2018/19 Budgeted Revenue \$3,975,000
Fixed \$1,458,999 37%
Variable \$2,516,001 63%

Table 7: Water Use
City of San Fernando
Water and Sewer Rate Study 2019

Customer Class	CY2018 Water Use (HCF)	# of Meters	Avg Bi-monthly Use
Single Family	603,407	3,841	26
Multi Family	183,440	454	67
Church	17,852	49	61
Commercial	152,014	428	59
City	13,441	16	140
Elementary School	10,476	13	134
Higher Education	16,604	12	231
Industrial	101,590	166	102
<u>Irrigation</u>	<u>41,616</u>	<u>61</u>	<u>114</u>
Total	1,140,440	5,040	

CY - calendar year

Table 8: Current Average Bi-monthly Single Family Residential Water Bill
City of San Fernando
Water and Sewer Rate Study 2019

Category	Current Rate		# of Units		Total
Meter Fee (3/4")	\$37.37	x	1	meter	\$37.37
Usage Rates (\$/hcf)					
Tier 1: 0 - 18 hcf	\$1.31	x	18	hcf	\$23.58
Tier 2: 19 - 36 hcf	\$2.67	x	8	hcf	\$21.36
Tier 3: Over 36 hcf	\$3.56	x	0	hcf	\$0.00
Total Bi-monthly Water Bill (26 hcf)					\$82.31

2.3 Residential Tiered Water Use

A summary of the City's residential tiered water use is provided in Table 9. The current tiered rate structure applies to both single family and multi-family residential customers. Thus, a four-unit apartment complex is allotted the same 18 hcf for Tier 1 as a single family home. Typically, public agencies assign tiers to multi-family customers based on the number of dwelling units. A four-unit apartment building would have a Tier 1 allotment of 72 (i.e. 18 HCF times 4 dwelling units). However, the City of San Fernando does not use this billing procedure. Instead, multi-family accounts are charged the same tiered allotments as single family and thus use more water in Tier 3.

L&T recommends transitioning from a tiered water rate structure for residential customers to a single uniform tier in which all customers pay the same usage rate. This transition is discussed further in Section 5.5 Usage Rate.

Table 9: Residential Tiered Water Use
City of San Fernando
Water and Sewer Rate Study 2019

Tier	Single Family		Multi Family		Total Residential (1)		Assumed in Prior
	Use (HCF)	%	Use (HCF)	%	Use (HCF)	%	Rate Study
Tier 1: 0 - 18 hcf	361,631	60%	44,551	24%	406,182	52%	40%
Tier 2: 19 - 36 hcf	165,051	27%	36,771	20%	201,822	26%	26%
Tier 3: Over 36 hcf	<u>76,725</u>	<u>13%</u>	<u>102,118</u>	<u>56%</u>	<u>178,843</u>	<u>23%</u>	<u>34%</u>
	603,407	100%	183,440	100%	786,847	100%	100%

1 - Single family and multi family

2.4 Current Wastewater Rates

The City has a separate schedule of charges for residential and commercial sewer customers. Residential customers, including both single family and multi-family customers, are billed a fixed bi-monthly fee charged on a per dwelling unit basis. Residential customers are not billed volume rates for sewer flow. Instead, the fixed residential fee is intended to recover the average cost of provided sewer service across the entire residential customer base.

Commercial customers are charged a fixed base fee plus volume rates based on metered water consumption. Most outdoor commercial water use is separately metered under an irrigation account and is not billed for sewer service. There are six sub-categories of non-residential sewer customers: Group II, Group III, Group IV, City property, industrial, and schools. Group II corresponds to low/domestic strength customers; Group III corresponds to medium strength customers; and Group IV corresponds to high strength customers. The volume rates correspond to the cost to convey and treat the wastewater pollutants of each group. Prior and current sewer rates are provided in Table 10.

The last water rate increase was in FY2016/17. However, sewer rates have not been increased since FY2014/15 as shown on Table 10.

Table 10: Current Bi-monthly Sewer Rates
City of San Fernando
Water and Sewer Rate Study 2019

Sewer Rates						Annual Percent Change			
	2012/13	2013/14	2014/15	2015/16	2016/17	2013/14	2014/15	2015/16	2016/17
BI-MONTHLY FIXED CHARGES						FIXED CHARGES			
<u>Customer Class</u>									
Residential (SFR & MF)	\$56.64	\$62.30	\$65.40	\$65.40	\$65.40	10%	5%	0%	0%
Group II Commercial (1)	\$32.60	\$35.86	\$37.66	\$37.66	\$37.66	10%	5%	0%	0%
Group III Commercial (2)	\$32.60	\$35.86	\$37.66	\$37.66	\$37.66	10%	5%	0%	0%
Group IV Commercial (3)	\$32.60	\$35.86	\$37.66	\$37.66	\$37.66	10%	5%	0%	0%
City Property	\$32.60	\$35.86	\$37.66	\$37.66	\$37.66	10%	5%	0%	0%
Industrial	\$32.60	\$35.86	\$37.66	\$37.66	\$37.66	10%	5%	0%	0%
Schools (4)	\$32.60	\$35.86	\$37.66	\$37.66	\$37.66	10%	5%	0%	0%
Higher Education (4)	\$32.60	\$35.86	\$37.66	\$37.66	\$37.66	10%	5%	0%	0%
UNIT CHARGES (rate per hcf)						COMMODITY CHARGES			
<u>Customer Class</u>									
Group II Commercial (1)	\$1.63	\$1.80	\$1.89	\$1.89	\$1.89	10%	5%	0%	0%
Group III Commercial (2)	\$2.63	\$2.90	\$3.04	\$3.04	\$3.04	10%	5%	0%	0%
Group IV Commercial (3)	\$3.94	\$4.35	\$4.57	\$4.57	\$4.57	10%	5%	0%	0%
City Property	\$1.25	\$1.37	\$1.44	\$1.44	\$1.44	10%	5%	0%	0%
Industrial	\$1.25	\$1.37	\$1.44	\$1.44	\$1.44	10%	5%	0%	0%
Schools (4)	\$1.11	\$1.22	\$1.28	\$1.28	\$1.28	10%	5%	0%	0%
Higher Education (4)	\$1.11	\$1.22	\$1.28	\$1.28	\$1.28	10%	5%	0%	0%

SFR – single family residential; MFR – multi family residential

1 - Group II Commercial: auto parking, barber shop, car wash, church, commercial use, dental office/clinic, department & retail stores, film processing, food processing plant (industrial), health club/spa, hospitals, indoor theatre, laundromats, library: public ares, lumber yards, membership organizations, motion picture (studios), professional offices, social services, soft water service, theatre (cinema), and warehouse

2 - Group III Commercial: gas station (4 bays max), hotels/motels w/o restaurants, manufacturing, manufacturing (industrial), repair & service stations

3 - Group IV Commercial: bakeries (wholesale)/donut shop, banquet room/ball room, cafeteria, hotels/motels with restaurants, mortuary - embalming area, restaurants, supermarkets

4 - Charge per student (ADA)

Table 11 provides sewer rate revenues by category. About 74% revenues are collected from the fixed residential and commercial customer charges and about 26% of rate revenues are collected from the nonresidential flow rates.

Table 11: Sewer Accounts and Estimated Revenues
City of San Fernando
Water and Sewer Rate Study 2019

Customer Class	No. of Accts or Dwelling Units	Bi-monthly Fixed Charge	Est. Fixed Charge Revenue
Single Family Residential	3,813	\$65.40	\$1,496,221
Multi Family Residential	2,021	\$65.40	\$793,040
Group II Commercial	275	\$37.66	\$62,139
Group III Commercial	56	\$37.66	\$12,654
Group IV Commercial	88	\$37.66	\$19,884
City Property	15	\$37.66	\$3,389
Industrial	164	\$37.66	\$37,057
Schools	13	\$37.66	\$2,937
Total	6,445		\$2,427,323
SEWER REVENUES			
Sewer Fixed Charges	\$2,427,323	74%	
<u>Variable Charges</u>	<u>\$847,220</u>	<u>26%</u>	
Total Sewer Service Charges (1)	\$3,274,543	100%	

1 - Source: FINAL - Enterprise Funds Budget Worksheet

SECTION 3: WATER REVENUE REQUIREMENT

Proposition 218 requires that utility rates be based on the reasonable cost of providing service to customers. The cost of service includes annual operating expenses, debt service payments, capital projects, and the accumulation of appropriate reserves. The water and sewer utility cost of service was developed based on the FY2019/20 adopted budget, capital project lists developed by staff, and reserve recommendations based on City policies.

3.1 Revenues

For FY2019/20, the City budgeted about \$4.3 million in Water Fund Revenues. The vast majority, \$3.975 million, consists of water service rates and charges. Other revenue categories include meter and fire services, installation fees, capital facilities fees, backflow prevention fees, interest income, and delinquent penalties. Interest income and delinquent penalties are expected to generate non-rate revenues of about \$90,000 in FY2019/20. If the City wishes to pursue a low-income rate program, it is recommended that these revenues be used as the funding source. The Water Fund's other revenue sources are subject to the provisions of Proposition 218 and 26 and cannot be used to fund ratepayer discounts.

3.2 Operations

In FY2019/20, the water operating budget is approximately \$3.87 million. Major line-items include administration, salaries and benefits, maintenance, water supply-related costs, and repayment of an internal loan from the Sewer Fund. A detailed expense summary is provided in Table 12 and a five-year projection of water expenses is provided in Table 13. Personnel costs are projected to increase by 4% annually while all other operating expenses are projected to increase by 3% over the next 5 years.

Table 12: History of Water Expenses
City of San Fernando
Water and Sewer Rate Study 2019

	Actual			Budget		
	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
Water Attorney						
Operating & Maintenance Expenses	\$1,220	\$1,560	\$1,000	\$0	\$0	\$0
Water Retirement						
Personnel Costs	73,407	(46,304)	88,771	75,000	75,000	225,000
Water Administration						
Personnel Costs	195,475	974,622	1,282,446	1,042,805	1,005,930	1,240,750
Operating & Maintenance Expenses						
Interest Expense (1)	5,191	7,007	10,365	75,000	75,000	131,300
Other O&M Expenses	83,213	111,980	115,986	174,483	171,683	247,787
Subtotal O&M Expenses	88,404	118,988	126,351	249,483	246,683	379,087
Cost Allocation (2)	398,735	398,735	455,902	456,469	463,939	511,160
Internal Service Charges (3)	0	277,538	281,360	295,741	272,667	239,821
Capital Costs	654	0	0	0	0	0
Transfers (4)	119,054	120,000	120,000	132,434	132,434	132,434
Subtotal Water Administration	802,321	1,889,883	2,266,059	2,176,932	2,121,653	2,503,252
Water Billing						
Personnel Costs	232,900	149,496	139,370	135,998	168,002	174,493
Operating & Maintenance Expenses	47,230	33,624	21,081	80,000	80,000	55,000
Internal Service Charges	0	17,718	24,764	28,757	30,752	34,946
Subtotal Water Billing	280,130	200,837	185,215	244,755	278,754	264,439
Water Distribution						
Personnel Costs	371,310	24,136	0	0	0	0
Operating & Maintenance Expenses	73,046	68,379	72,557	118,000	228,500	118,500
Capital Costs	665,560	2,260	23,663	1,400	0	0
Subtotal Water Distribution	1,109,916	94,776	96,220	119,400	228,500	118,500
Water Production						
Personnel Costs	411,864	50,649	0	0	0	0
Utilities	198,712	175,889	212,108	170,000	170,000	170,000
Contractual Services	112,848	157,942	70,049	200,000	150,000	150,000
Operating & Maintenance Expenses	278,887	202,208	155,699	250,650	249,950	345,950
Capital Costs	54,248	1,900	0	0	0	0
Transfers	8,634	1,000	0	0	0	0
Subtotal Water Production	1,065,193	589,589	437,856	620,650	569,950	665,950
TOTAL OPERATING EXPENSES	\$3,332,188	\$2,730,340	\$3,075,121	\$3,236,737	\$3,273,857	\$3,777,141
Percent Change		-18%	13%	5%	1%	15%
CAPITAL EXPENSES						
TOTAL WATER CAPITAL	\$0	\$69,906	\$96,692	\$801,128	\$342,750	\$2,219,000
Percent Change		-	38%	729%	-57%	547%
TOTAL WATER BUDGET	\$3,332,188	\$2,800,246	\$3,171,813	\$4,037,865	\$3,616,607	\$5,996,141
Percent Change		-16%	13%	27%	-10%	66%

1 - Loan re-payment to sewer. Includes principal payment for budget purposes.

2 - Transfer to General Fund to over indirect costs (including payroll, human resources, accounting, IT & computer support services, and

3 - Includes Liability Charge, Equipment Maintenance Charge, Equipment Replacement Charge, and Facility Maintenance Charge

4 - Includes \$60,000 for rental charges for the use of 120 Macneil. Amount charged is based on the square footage of the building and the number of employees occupying the building. Includes \$60,000 for property insurance premiums for well sites. Includes \$12,434 to repay Retirement Fund for pension loan.

Table 13: Water Operating Expense Projection
City of San Fernando
Water and Sewer Rate Study 2019

	Budget 2019/20	Escalation Factor	Rate Study			
			2020/21	2021/22	2022/23	2023/24
Personnel Costs	\$1,640,243	4%	\$1,706,000	\$1,774,000	\$1,845,000	\$1,919,000
O & M Expenses	767,237	3%	790,000	814,000	838,000	863,000
Interest Expense for Internal Debt (1)	131,300	-	131,300	131,300	131,300	131,300
Cost Allocation (2)	511,160	3%	526,000	542,000	558,000	575,000
Utilities	170,000	3%	175,000	180,000	185,000	191,000
Contractual Services	150,000	3%	155,000	160,000	165,000	170,000
Internal Service Charges (3)	274,767	3%	283,000	291,000	300,000	309,000
Transfers (4)	132,434	0%	132,000	132,000	132,000	132,000
Low Income Program (5) (OPT 1)	90,000		106,300	109,600	114,000	121,500
TOTAL OPERATING EXPENSES	\$3,867,141		\$4,004,600	\$4,133,900	\$4,268,300	\$4,411,800
<i>% Change</i>	<i>18%</i>		<i>4%</i>	<i>3%</i>	<i>3%</i>	<i>3%</i>

1 - Loan re-payment to sewer. Includes principal payment for budget purposes.

2 - Transfer to General Fund to over indirect costs (including payroll, human resources, accounting, IT & computer support services, and management support). The actual amounts charged are calculated by an outside consultant using various statistical data such as the adopted

3 - Includes Liability Charge, Equipment Maintenance Charge, Equipment Replacement Charge, and Facility Maintenance Charge

4 - Includes \$60,000 for rental charges for the use of 120 Macneil. Amount charged is based on the square footage of the building and the number of employees occupying the building. Includes \$60,000 for property insurance premiums for well sites. Includes \$12,434 to repay

5 - The annual cost of the Low Income Program should be equal to the non-rate revenues generated from interest earnings and delinquent pen

3.3 Water Capital Improvement Plan

Two water capital improvement plan options were developed based on input from the City. Phase 1 includes \$8.9 million of infrastructure improvements focusing on water main replacements, as shown on Table 14. Phase 1 assumes new debt issuances to fund construction costs.

Phase 2 consists of a fully funded plan, totaling \$22.4 million, as detailed in Table 15. Phase 2 includes all the projects in the Phase 1 plan in addition to a new ion exchange system, automated meters, and a one million gallon reservoir. Phase 2 assumes new debt issuances to fund construction costs. For the new reservoir, it is assumed that the City will fund \$8.75 million of the estimated \$10 million cost with a grant in FY2023/24.

Table 14: PHASE 1 - Water Capital Improvement Plan
City of San Fernando
Water and Sewer Rate Study 2019

Water Capital Improvement Plan (CIP)						
	Rate Study					5-Year Total
	2019/20	2020/21	2021/22	2022/23	2023/24	
WATER MAIN PROJECTS						
Glenoaks Blvd - Hubbard to Harding - 18" Stl Conc to 18" DIP	750,000	0	0	0	0	\$750,000
Hollister Street - Kalisher to S. Huntington - 6" Stl to 8" DIP	150,000	0	0	0	0	\$150,000
N Workman Street - Second to Fourth Streets - 6" Stl to 8" DIP	105,000	0	0	0	0	\$105,000
Celis Street - Wolfskill St to Brand Blvd - 6" Stl to 8" DIP	150,000	0	0	0	0	\$150,000
N. Workman Street - Glenoaks to Seventh St - 6" CIP to 8" DIP	370,500	0	0	0	0	\$370,500
Lucas Street - N.Workman to Orange Grove - 6" CIP to 8" DIP	156,400	0	0	0	0	\$156,400
N Lazard Street - Fourth St to Fifth St	1,750	0	0	0	0	\$1,750
S. Workman Street - Behind Store Fronts 4" CIP to 8" DIP	30,000	0	0	0	0	\$30,000
Arroyo Avenue - Fifth St to Glenoaks Blvd	60,000	0	0	0	0	\$60,000
Harding Avenue - Glenpaks Blvd to Eighth St	0	790,000	0	0	0	\$790,000
Phillippi Street - Hubbard Ave to Orange Grove Ave	0	290,000	0	0	0	\$290,000
Griswold Ave - Fourth St. to Third St. 4" Stl to 8" DIP	0	68,000	0	0	0	\$68,000
Alley e/o No.Maclay Ave. Fourth St. to Library St. 4" Stl to 8" CIP	0	90,000	0	0	0	\$90,000
Seventh St - Orange Grove Ave to Hubbard St 6" ACP to 8" DIP	0	280,000	0	0	0	\$280,000
Orange Grove Ave - Seventh St to Eighth St 6" ACP to 8" DIP	0	195,000	0	0	0	\$195,000
Hubbard - Dronfield to Glenoaks - 18" Stl to 18" DIP	0	567,000	0	0	0	\$567,000
Hollister Street - Mid Block to Chatsworth 6" Stl to 8" DIP	0	54,000	0	0	0	\$54,000
Hubbard St, Foothill Blvd to Dronfield Ave. - 18" Stl Conc to 18" DIP	0	0	407,500	0	0	\$407,500
Hagar Street, 5th to Glenoaks - 6" CIP to 8" DIP	0	0	187,500	0	0	\$187,500
Fox Street - Pico to Hewitt - Loop/ New Installation - New 8" DIP	0	0	0	127,500	0	\$127,500
Newton Avenue - Fourth St. to Third St. 4" CIP to 8" DIP	0	0	0	68,000	0	\$68,000
De Haven Street - N. Brand to Griswold St. 4" CIP to 8" DIP	0	0	0	100,500	0	\$100,500
De Garmo Street - N. Brand to Griswold St. - 6" CIP to 8" DIP	0	0	0	100,500	0	\$100,500
Alexander St - Fifth Street to Glenoaks Boulevard 6" CIP to 8" DIP	0	0	0	189,000	0	\$189,000
Brand Blvd, San Fernando Rd to South City Limit - Relocation of 8" DIP	0	0	0	0	520,000	\$520,000
Subtotal Water Main Projects	1,773,650	2,334,000	595,000	585,500	520,000	5,808,150
SYSTEM IMPROVEMENTS						
Security Fencing	272,000	0	0	0	0	\$272,000
Arroyo Booster #1 Rehabilitation	25,000	0	0	0	0	\$25,000
MWD Booster Pump # 4	23,983	0	0	0	0	\$23,983
Ion-Exchange Removal System - Phase II, Well #3	0	0	0	0	0	\$0
Well 2A Rehabilitation	0	0	130,000	0	0	\$130,000
Well 2A Electrical Upgrades	0	0	60,000	0	0	\$60,000
Subtotal System Improvements	320,983	0	190,000	0	0	510,983
MISCELLANEOUS & EQUIPMENT						
Water Masterplan	80,000	0	0	0	0	\$80,000
Ion Exchange Treatment Unit - O&M (Contract No. 1729)	175,000	175,000	175,000	175,000	0	\$700,000
Ion Exchange Treatment Unit - Operating Costs	110,000	110,000	110,000	110,000	110,000	\$550,000
StarLite Solar Arrow Board - Equipment # 0720	0	0	0	0	0	\$0
Chevy 2500HD - Vehicle 9503	0	0	0	0	0	\$0
Well 4A Building Expansion Block Building	102,960	0	0	0	0	\$102,960
AMI Meter Reading	0	0	0	0	0	\$0
Security Bldg for ION-Exchange Treatment System, 12900 Dronfield Block Bldg	84,240	0	0	0	0	\$84,240
Chevy 2500HD - Vehicle # 8095	44,100	0	0	0	0	\$44,100
Ford Ranger - Vehicle # 3241	30,000	0	0	0	0	\$30,000
EDEN Upgrade	30,000	0	0	0	0	\$30,000
Facility Maintenance - 12900 Dronfield Roadway	156,000	0	0	0	0	\$156,000
Construct New Reservoir to Increase Capacity	0	0	0	0	0	\$0
Ford F-150 (CNG) - Vehicle # 4416	0	45,000	0	0	0	\$45,000
Ford F-450 - Vehicle # 4573	0	0	55,000	0	0	\$55,000
Whiteman MLTDA7 (Stadium Lighting) - Generator # 0246	0	0	30,000	0	0	\$30,000
Hyster Forklift - Vehicle # 5289	0	0	0	40,000	0	\$40,000
John Deere 310SK Backhoe - Vehicle # 2571	0	0	0	0	140,000	\$140,000
Well 4A Rehabilitation	0	0	0	0	400,000	\$400,000
Water Department Office Expansion (120 Macneil) - Block Building	0	0	0	0	90,200	\$90,200
Subtotal Miscellaneous Equipment	812,300	330,000	370,000	325,000	740,200	2,577,500
TOTAL WATER CIP (Current \$)	\$2,906,933	\$2,664,000	\$1,155,000	\$910,500	\$1,260,200	\$8,896,633

Table 15: PHASE 2 - Water Capital Improvement Plan
City of San Fernando
Water and Sewer Rate Study 2019

Water Capital Improvement Plan (CIP)						
	Rate Study					5-Year Total
	2019/20	2020/21	2021/22	2022/23	2023/24	
WATER MAIN PROJECTS						
Glenoaks Blvd - Hubbard to Harding - 18" Stl Conc to 18" DIP	750,000	0	0	0	0	\$750,000
Hollister Street - Kalisher to S. Huntington - 6" Stl to 8" DIP	150,000	0	0	0	0	\$150,000
N Workman Street - Second to Fourth Streets - 6" Stl to 8" DIP	105,000	0	0	0	0	\$105,000
Celis Street - Wolfskill St to Brand Blvd - 6" Stl to 8" DIP	150,000	0	0	0	0	\$150,000
N. Workman Street - Glenoaks to Seventh St - 6" CIP to 8" DIP	370,500	0	0	0	0	\$370,500
Lucas Street - N.Workman to Orange Grove - 6" CIP to 8" DIP	156,400	0	0	0	0	\$156,400
N Lazard Street - Fourth St to Fifth St	1,750	0	0	0	0	\$1,750
S. Workman Street - Behind Store Fronts 4" CIP to 8" DIP	30,000	0	0	0	0	\$30,000
Arroyo Avenue - Fifth St to Glenoaks Blvd	60,000	0	0	0	0	\$60,000
Harding Avenue - Glenpaks Blvd to Eighth St	790,000	0	0	0	0	\$790,000
Phillippi Street - Hubbard Ave to Orange Grove Ave	290,000	0	0	0	0	\$290,000
Griswold Ave - Fourth St. to Third St. 4" Stl to 8" DIP	0	68,000	0	0	0	\$68,000
Alley e/o No.Maclay Ave. Fourth St. to Library St. 4" Stl to 8" CIP	0	90,000	0	0	0	\$90,000
Seventh St - Orange Grove Ave to Hubbard St 6" ACP to 8" DIP	0	280,000	0	0	0	\$280,000
Orange Grove Ave - Seventh St to Eighth St 6" ACP to 8" DIP	0	195,000	0	0	0	\$195,000
Hubbard - Dronfield to Glenoaks - 18" Stl to 18" DIP	0	567,000	0	0	0	\$567,000
Hollister Street - Mid Block to Chatsworth 6" Stl to 8" DIP	0	54,000	0	0	0	\$54,000
Hubbard St, Foothill Blvd to Dronfield Ave. - 18" Stl Conc to 18" DIP	0	0	407,500	0	0	\$407,500
Hagar Street, 5th to Glenoaks - 6" CIP to 8" DIP	0	0	187,500	0	0	\$187,500
Fox Street - Pico to Hewitt - Loop/ New Installation - New 8" DIP	0	0	0	127,500	0	\$127,500
Newton Avenue - Fourth St. to Third St. 4" CIP to 8" DIP	0	0	0	68,000	0	\$68,000
De Haven Street - N. Brand to Griswold St. 4" CIP to 8" DIP	0	0	0	100,500	0	\$100,500
De Garmo Street - N. Brand to Griswold St. - 6" CIP to 8" DIP	0	0	0	100,500	0	\$100,500
Alexander St - Fifth Street to Glenoaks Boulevard 6" CIP to 8" DIP	0	0	0	189,000	0	\$189,000
Brand Blvd, San Fernando Rd to South City Limit - Relocation of 8" DIP	0	0	0	0	520,000	\$520,000
Subtotal Water Main Projects	2,853,650	1,254,000	595,000	585,500	520,000	5,808,150
SYSTEM IMPROVEMENTS						
Security Fencing	272,000	0	0	0	0	\$272,000
Arroyo Booster #1 Rehabilitation	25,000	0	0	0	0	\$25,000
MWD Booster Pump # 4	23,983	0	0	0	0	\$23,983
Ion-Exchange Removal System - Phase II, Well #3	0	2,000,000	0	0	0	\$2,000,000
Well 2A Rehabilitation	0	0	130,000	0	0	\$130,000
Well 2A Electrical Upgrades	0	0	60,000	0	0	\$60,000
Subtotal System Improvements	320,983	2,000,000	190,000	0	0	2,510,983
MISCELLANEOUS & EQUIPMENT						
Water Masterplan	80,000	0	0	0	0	\$80,000
Ion Exchange Treatment Unit - O&M (Contract No. 1729)	175,000	175,000	175,000	175,000	0	\$700,000
Ion Exchange Treatment Unit - Operating Costs	110,000	110,000	110,000	110,000	110,000	\$550,000
StarLite Solar Arrow Board - Equipment # 0720	0	0	0	0	0	\$0
Chevy 2500HD - Vehicle 9503	0	0	0	0	0	\$0
Well 4A Building Expansion Block Building	102,960	0	0	0	0	\$102,960
AMI Meter Reading	0	0	1,500,000	0	0	\$1,500,000
Security Bldg for ION-Exchange Treatment System, 12900 Dronfield Block Bldg	84,240	0	0	0	0	\$84,240
Chevy 2500HD - Vehicle # 8095	44,100	0	0	0	0	\$44,100
Ford Ranger - Vehicle # 3241	30,000	0	0	0	0	\$30,000
EDEN Upgrade	30,000	0	0	0	0	\$30,000
Facility Maintenance - 12900 Dronfield Roadway	156,000	0	0	0	0	\$156,000
Construct New Reservoir to Increase Capacity	0	0	0	0	10,000,000	\$10,000,000
Ford F-150 (CNG) - Vehicle # 4416	0	45,000	0	0	0	\$45,000
Ford F-450 - Vehicle # 4573	0	0	55,000	0	0	\$55,000
Whiteman MLTDA7 (Stadium Lighting) - Generator # 0246	0	0	30,000	0	0	\$30,000
Hyster Forklift - Vehicle # 5289	0	0	0	40,000	0	\$40,000
John Deere 310SK Backhoe - Vehicle # 2571	0	0	0	0	140,000	\$140,000
Well 4A Rehabilitation	0	0	0	0	400,000	\$400,000
Water Department Office Expansion (120 Macneil) - Block Building	0	0	0	0	90,200	\$90,200
Subtotal Miscellaneous Equipment	812,300	330,000	1,870,000	325,000	10,740,200	14,077,500
TOTAL WATER CIP (Current \$)	\$3,986,933	\$3,584,000	\$2,655,000	\$910,500	\$11,260,200	\$22,396,633

3.4 Water Reserves

The City's *Contingency and Stabilization Reserve Fund* stipulates a target of 25 percent of annual operating expenses. The City's *Infrastructure Replacement Reserve Fund* does not require a specific target. The policy states that "contribution rate is intended to level-amortize the cost of infrastructure replacement projects over a long period of time." The City's *2011 Tiered Water Rate Study* recommended a Capital Repair and Replacement reserve to be "funded with the annual amount of depreciation, plus any excess funds from the operating reserve." Adequate fund reserves protect the City when faced with unforeseen financial challenges such as emergency expenses and revenue deficits. Furthermore, the Water Fund may be required to maintain certain levels of reserves to obtain debt financing.

For this rate study, the Operating Reserve target is 25 percent of annual operating expenses. A Capital Reserve target of \$1 million is also included in the cash flow analysis. This target is a placeholder and can be modified based on input from the City. The fund reserve target will escalate as the Water Fund's expenses increase over time. It is acceptable if reserves dip below the target on a temporary basis, provided the City takes action to attain the target over the longer run.

3.5 Water Fund Cash Flow

3.5.1 Cash Flow Objectives

Based on the FY2019/20 adopted budget, the Water Fund is projected to begin FY2019/20 with a fund balance of \$3.2 million. Over the five-year rate study period, rate increases are proposed to meet the following objectives, in order of importance:

- 1) Fund operating costs
- 2) Fund debt service costs
- 3) Meet or exceed the debt service coverage requirement of 1.25 times the annual payment
- 4) Fund capital costs
- 5) Each year's ending fund balance should meet or exceed the target of 25% of operating expenses plus \$1 million in capital reserves
- 6) The fund balance at the end of the 5-year rate plan should roughly equal the current fund balance of \$3.8 million

The final objective listed above avoids a situation in which the City under-charges the cost of service through the end of FY2023/24. The cash flows included in this report were optimized to use the available fund balance to overcome year to year funding shortfalls only and not to subsidize the long-term cost of service.

3.5.2 Summary of Options

A summary of the two Water Fund Options and revenue adjustments is provided in Table 16. Phase 1 is based on generating sufficient revenue each year to cover the cost of basic ongoing maintenance and

repair of the City's water infrastructure and the implementation of an \$8.9 million water capital improvement plan that focuses on water main replacement. Phase 1 increases include an initial adjustment to all rate categories on January 1, 2020 followed by annual rate increases of 8% beginning on January 1, 2021 through January 1, 2024.

Phase 2 includes all Phase 1 expenses with added funding to pay for an additional \$13 million in infrastructure improvements. These projects include a new ion exchange system, automated water meters, and a 1 million gallon reservoir. Phase 2 increases include an initial adjustment to all rate categories on January 1, 2020 followed by annual rate increases of 12% percent beginning on January 1, 2021 through January 1, 2024.

**Table 16: Water Option Comparison
City of San Fernando
Water and Sewer Rate Study 2019**

Revenue Adjustment Comparison						
Option	Description	2019/20	2020/21	2021/22	2022/23	2023/24
#1	<u>REDUCED WATER INFRASTRUCTURE IMPROVEMENTS</u> - Funds projects totaling \$8.9 million. Excludes Nitrate Removal, AMI Meters, and the New Reservoir. - \$2.0 million loan projected in FY2019/20 - \$2.0 million loan projected in FY2020/21	8.0%	8.0%	8.0%	8.0%	8.0%
#2	<u>FULL WATER INFRASTRUCTURE IMPROVEMENTS</u> - Funds all projects totaling \$22.4 million - \$3.0 million loan projected in FY2019/20 - \$3.0 million loan projected in FY2020/21 - \$2.0 million loan projected in FY2021/22 - Assumes New Reservoir in FY2023/24 for \$10 million will be 80% grant funded and 20% cash funded	12.0%	12.0%	12.0%	12.0%	12.0%

3.5.3 Revenues

The cash flows for both options are presented in Table 17 and Table 18. The first rate increase will go into effect on January 1, 2020 when water consumption is generally lower, and therefore, minimizing the impact to ratepayers. Subsequent rate increases are assumed to go into effect January 1 of each year through January 1, 2024. The rate revenue projection includes customer growth of 0.5% annually. Non-rate revenues associated with interest income and delinquent charges can be pledged toward a new low-income rate payer assistance program.

3.5.4 Expenses

Operating expenses shown in the cash flows are taken from Table 13 and capital project costs are taken from the above tables. Both capital plans assume that the City will need to issue debt. The debt issuances shown in the cash flow projections are for informational purposes only. Conservative debt financing terms and conditions were assumed (i.e. slightly high interest rates and short repayment periods). The projections assume that repayment will begin the year following the debt issuance. Moreover, any new debt would be subject to the industry standard debt service coverage requirement of 1.25 times meaning that net operating revenues should exceed the annual debt service payment by 25%. It is unknown if the Water Fund's debt to the Sewer Fund would apply towards the debt coverage calculation.

For Phase 2, the \$10 million new reservoir will be funded with \$8.75 million in grant funding and \$1.25 million taken from Water Fund reserves as matching funds.

Table 17: PHASE 1 - Water Utility Cash Flow
City of San Fernando
Water and Sewer Rate Study 2019

	Years 1 -5: Proposition 218				
	Projected 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
1 Assumptions:					
2 Overall Revenue Adjustment	8.0%	8.0%	8.0%	8.0%	8.0%
3 Date Rate Increase Effective	Jan 1, 2020	Jan 1, 2021	Jan 1, 2022	Jan 1, 2023	Jan 1, 2024
5 Interest Earnings Rate	1.0%	1.0%	1.0%	1.0%	1.0%
6 Other Revenues	3.0%	3.0%	3.0%	3.0%	3.0%
7 Growth - %	0.5%	0.5%	0.5%	0.5%	0.5%
8 BEGINNING FUND BALANCE	\$3,224,666	\$2,917,616	\$2,834,616	\$2,302,066	\$2,275,416
9 Water Sales based on 12 months	4,314,000	4,682,000	5,082,000	5,516,000	5,987,000
10 REVENUES					
11 Water Sales (1)	4,145,000	4,414,000	4,748,000	5,132,000	5,560,000
12 Interest Income	15,000	29,000	28,000	23,000	23,000
13 Delinquent Penalties	75,000	77,300	79,600	82,000	84,500
14 Meter & Fire Service	120,000	123,600	127,300	131,100	135,000
15 Water Installation Charges	50,000	51,500	53,000	54,600	56,200
16 Capital Facilities Charges	50,000	51,500	53,000	54,600	56,200
17 Backflow Prevention Fee	12,000	12,400	12,800	13,200	13,600
19 Total Revenues	4,467,000	4,759,300	5,101,700	5,490,500	5,928,500
20 EXPENSES					
21 Operating & Maintenance					
22 Personnel Costs	1,640,200	1,706,000	1,774,000	1,845,000	1,919,000
23 O & M Expenses	767,200	790,000	814,000	838,000	863,000
24 Interest Expense (Internal Debt)	131,300	131,300	131,300	131,300	131,300
25 Cost Allocation	511,200	526,000	542,000	558,000	575,000
26 Utilities	170,000	175,000	180,000	185,000	191,000
27 Contractual Services	150,000	155,000	160,000	165,000	170,000
28 Internal Service Charges	274,800	283,000	291,000	300,000	309,000
29 Capital Costs	0	0	0	0	0
30 Transfers	132,400	132,000	132,000	132,000	132,000
31 Low Income Program (2)	90,000	106,300	107,600	105,000	107,500
32 Subtotal O&M	3,867,100	4,004,600	4,131,900	4,259,300	4,397,800
33 Capital Projects					
<i>Capital Improvement Plan (CIP)</i>					
34 System Improvements	321,000	0	190,000	0	0
35 Miscellaneous & Equipment	812,300	330,000	370,000	325,000	740,200
36 Water Main Projects	1,773,650	2,334,000	595,000	585,500	520,000
37 Less Grant Funding	0	0	0	0	0
38 Less New Debt Proceeds (3)	(2,000,000)	(2,000,000)	0	0	0
37 Subtotal Capital Projects	906,950	664,000	1,155,000	910,500	1,260,200
38 Debt Service					
39 New Debt (3)	0	173,700	347,350	347,350	347,400
40 Subtotal Debt Service	0	173,700	347,350	347,350	347,400
41 Total Expenses	4,774,050	4,842,300	5,634,250	5,517,150	6,005,400
42 Net Revenues (Revs Less Exps)	(307,050)	(83,000)	(532,550)	(26,650)	(76,900)
43 ENDING FUND BALANCE	2,917,616	2,834,616	2,302,066	2,275,416	2,198,516
44 Fund Reserve Target					
45 Operating Reserve Target (25% of O&M)	966,800	1,001,200	1,033,000	1,064,800	1,099,500
46 Capital Reserve Target (\$1M)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
47 Total Water Fund Reserves	1,966,800	2,001,200	2,033,000	2,064,800	2,099,500
48 Target Met	yes	yes	yes	yes	yes
49 Debt Service Coverage (1.25x)	-	4.34	2.79	3.54	4.41
50 Target Met	-	yes	yes	yes	yes

1 - Water Sales Revenue have been adjusted based on January 1 effective date.

2 - The annual budget for the low income program is equal to interest earnings and delinquency fees (i.e. non-rate revenues)

3 - Loans assumed to have 3.5% interest paid over 15 years

Table 18: PHASE 2 - Water Utility Cash Flow
City of San Fernando
Water and Sewer Rate Study 2019

	Years 1 -5: Proposition 218				
	Budget 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
1 Assumptions:					
2 Overall Revenue Adjustment	12.0%	12.0%	12.0%	12.0%	12.0%
3 Date Rate Increase Effective	Jan 1, 2020	Jan 1, 2021	Jan 1, 2022	Jan 1, 2023	Jan 1, 2024
5 Interest Earnings Rate	1.0%	1.0%	1.0%	1.0%	1.0%
6 Other Revenues Growth	3.0%	3.0%	3.0%	3.0%	3.0%
7 Growth - %	0.5%	0.5%	0.5%	0.5%	0.5%
8 BEGINNING FUND BALANCE	\$3,224,666	\$2,917,566	\$3,044,766	\$3,240,591	\$3,674,316
9 Water Sales based on 12 months	4,474,000	5,036,000	5,669,000	6,381,000	7,182,000
10 REVENUES					
11 Water Sales (1)	4,225,000	4,631,000	5,150,000	5,766,000	6,474,000
12 Interest Income	15,000	29,000	30,000	32,000	37,000
13 Delinquent Penalties	75,000	77,300	79,600	82,000	84,500
14 Meter & Fire Service	120,000	123,600	127,300	131,100	135,000
15 Water Installation Charges	50,000	51,500	53,000	54,600	56,200
16 Capital Facilities Charges	50,000	51,500	53,000	54,600	56,200
17 Backflow Prevention Fee	12,000	12,400	12,800	13,200	13,600
19 Total Revenues	4,547,000	4,976,300	5,505,700	6,133,500	6,856,500
20 EXPENSES					
21 Operating & Maintenance					
22 Personnel Costs	1,640,200	1,706,000	1,774,000	1,845,000	1,919,000
23 O & M Expenses	767,200	790,000	814,000	838,000	863,000
24 Interest Expense (Internal Debt)	131,300	131,300	131,300	131,300	131,300
25 Cost Allocation	511,200	526,000	542,000	558,000	575,000
26 Utilities	170,000	175,000	180,000	185,000	191,000
27 Contractual Services	150,000	155,000	160,000	165,000	170,000
28 Internal Service Charges	274,800	283,000	291,000	300,000	309,000
30 Transfers	132,400	132,000	132,000	132,000	132,000
31 Low Income Program (2)	90,000	106,300	109,600	114,000	121,500
32 Subtotal O&M	3,867,100	4,004,600	4,133,900	4,268,300	4,411,800
33 Capital Projects					
Capital Improvement Plan (CIP)					
34 System Improvements	321,000	2,000,000	190,000	0	0
35 Miscellaneous & Equipment	812,300	330,000	1,870,000	325,000	10,740,200
36 Water Main Projects	2,853,700	1,254,000	595,000	585,500	520,000
37 Less Grant Funding (3)	0	0	0	0	(8,000,000)
38 Less New Debt Proceeds (4)	(3,000,000)	(3,000,000)	(2,000,000)	0	0
37 Subtotal Capital Projects	987,000	584,000	655,000	910,500	3,260,200
38 Debt Service					
39 New Debt (4)	0	260,500	520,975	520,975	521,000
40 Subtotal Debt Service	0	260,500	520,975	520,975	521,000
41 Total Expenses	4,854,100	4,849,100	5,309,875	5,699,775	8,193,000
42 Net Revenues (Revs Less Exps)	(307,100)	127,200	195,825	433,725	(1,336,500)
43 ENDING FUND BALANCE	2,917,566	3,044,766	3,240,591	3,674,316	2,337,816
44 Fund Reserve Target					
45 Operating Reserve Target (25% of O&M)	966,800	1,001,200	1,033,500	1,067,100	1,103,000
46 Capital Reserve Target (\$1M)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
47 Total Water Fund Reserves	1,966,800	2,001,200	2,033,500	2,067,100	2,103,000
48 Target Met	yes	yes	yes	yes	yes
49 Debt Service Coverage (1.25x)	-	3.73	2.63	3.58	4.69
50 Target Met	-	yes	yes	yes	yes

1 - Water Sales Revenue have been adjusted based on January 1 effective date.

2 - The annual budget for the low income program is equal to interest earnings and delinquency fees (i.e. non-rate revenues).

3 - Assumes New Reservoir will be 80% grant-funded and 20% cash-funded.

4 - Loans assumed to have 3.5% interest paid over 15 years

SECTION 4: WATER COST ALLOCATION

The revenue requirements detailed in the previous section determine the amount of revenue to be recovered from water rates. The cost of service allocation determines how revenues will be recovered from customers based on how they use the water system. Proposition 218 requires that agencies providing “property-related services” (including water utility service) set rates and charges that are based on the cost of providing those services.

4.1 Methodology

The American Water Works Association (AWWA) recommends two primary methods to classify costs among various customers: (1) the base-extra capacity method in which costs are allocated to the different customer classes proportionate to their use of the water system; and (2) the commodity-demand method in which costs are proportionately allocated to each customer class based on their peak demand. Although the two methods vary in the way that costs are allocated, both result in rates designed to recover the reasonable cost of service during periods of both average and peak demands. The base-extra method was selected for this rate study to provide consistency with prior rate studies. Furthermore, the City focuses its water system cost allocation based on the relative impact of various customer classes.

In the base-extra method, costs are typically separated into four components: (a) base demand, (b) extra (peak) costs, (c) customer service, and (d) meters and services. The base and extra categories include most operations and maintenance costs related to supply, transmission, and distribution. Customer costs include the fixed costs associated with serving customers such as billing and answering customer inquiries. The meters and services category includes the cost of maintaining and replacing meters and a portion of the Water Fund’s overhead and administrative costs.

4.2 Cost Allocation Results

The FY2019/20 was selected as the test year for the water cost allocation because it reflects the most recent and up-to-date cost information. Moreover, beyond FY2019/20, the capital costs included in each option vary significantly which would lead to wide disparities between the two scenarios.

Table 19 provides the allocation of expense categories from Table 12 into the base-extra demand categories for Phase 1. Production and distribution costs were allocated to the base and extra categories because these expenses are directly associated with the delivery and use of water by customers. The sub-allocation between the base and extra categories was determined using the ratio of peak period use to average period use based on calendar year 2018 data. Utility billing was allocated to the customer service category. Meters and services costs are assumed to be about 15% of the Water Fund administration expense and a small portion of capital costs. The capital expense was allocated across the categories based on the five-year total of projects.

Table 19: PHASE 1 - Water Cost Allocation
City of San Fernando
Water and Sewer Rate Study 2019

Expenses	Budget 2019/20	Allocation Categories				Notes	Base	Extra	Cust. Serv.	Meters & Services
		Base	Extra	Cust. Serv.	Meters & Srvs					
Production	665,950	562,153	103,797	0	0	Avg/Max Day (1)	84%	16%	0%	0%
Distribution	118,500	100,030	18,470	0	0	Avg/Max Day (1)	84%	16%	0%	0%
Utility Billing	264,439	0	0	264,439	0		0%	0%	100%	0%
O&M Subtotal	1,048,889	662,184	122,266	264,439	0					
Administration	2,728,252	1,636,951	545,650	136,413	409,238		60%	20%	5%	15%
Capital (1)	705,895	575,146	106,196	2,380	22,173	5 yr composite	81%	15%	0.3%	3%
	3,434,148	2,212,098	651,846	138,793	431,411					
Total	4,483,036	2,874,281	774,113	403,232	431,411		64%	17%	9%	10%

1 - Based on the ratio of the peak bi-monthly period to the average bi-monthly period's water use

The costs allocated to the base and extra categories were further sub-allocated between fixed and variable cost categories. Contractual services associated with production was determined to be a fixed cost. Administration was allocated between variable and fixed based the composite operations and maintenance subtotal. Capital costs were determined to be 50% variable and 50% fixed. The City repairs and replaces infrastructure at the end of its useful life or when it becomes obsolete. Under such circumstances, the replacement would not be dependent on heavy use and could be considered a fixed cost. Alternately, the City must replace water system assets to a greater degree when facilities are used more heavily and when demand on the system is high. Thus, a portion of capital projects is dependent on the amount of water used and should be classified as a variable expense.

Table 20: PHASE 1 - Allocation to Fixed and Variable Cost Categories
City of San Fernando
Water and Sewer Rate Study 2019

Categories	Base			Extra		
	Total Cost	Fixed	Variable	Total Cost	Fixed	Variable
Production (1)	562,153	26%	74%	103,797	26%	74%
Distribution	100,030	0%	100%	18,470	0%	100%
Utility Billing	<u>0</u>	<u>NA</u>	<u>NA</u>	<u>0</u>	<u>NA</u>	<u>NA</u>
O&M Subtotal	662,184	147,948	514,236	122,266	27,317	94,949
Composite		22%	78%		22%	78%
Administration	1,636,951	22%	78%	545,650	22%	78%
Capital	<u>575,146</u>	<u>50%</u>	<u>50%</u>	<u>106,196</u>	<u>50%</u>	<u>50%</u>
	2,212,098	653,308	1,558,789	651,846	175,010	476,837
Total	2,874,281	801,256	2,073,025	774,113	202,327	571,786
Cost Allocation		28%	72%		26%	74%

1 - Contractual services allocated to fixed

The methodology and calculations provided above for Phase 1 were also applied for Phase 2, see Appendix A.

SECTION 5: WATER RATE DESIGN

5.1 Billing Units

Customer growth and water use was projected over the next five years, see Table 21. The count of water meters is based on November and December 2018 data (the most up to date data available). Water use is based on 2018 calendar year data reduced by 2%. As rates increase, customers may respond by reducing their consumption. Customer billing units for FY2020/21 through FY2023/24 are increased annually by 0.5% reflecting modest growth.

Table 21: Water Billing Unit Projection
City of San Fernando
Water and Sewer Rate Study 2019

Meter Size	FY2020	FY2021	FY2022	FY2023	FY2024
5/8"	7	7	7	7	7
3/4"	4,122	4,143	4,163	4,184	4,205
1"	560	563	566	568	571
1-1/2"	169	170	171	172	172
2"	157	158	159	159	160
3"	16	16	16	16	16
4"	8	8	8	8	8
6"	1	1	1	1	1
Total	5,040	5,065	5,091	5,116	5,142
Water Use (HCF)	1,117,631	1,123,219	1,128,835	1,134,480	1,140,152

Table 22 provides the calculation of current meter equivalents. AWWA guidelines recommend using meter equivalents to assign demand-related costs to larger meter sizes. Demand costs are incurred by the City to maintain capacity in the system.

Table 22: Meter Equivalents
City of San Fernando
Water and Sewer Rate Study 2019

Meter Size	# of Meters	Meter Factor (1)	# of Meter Equivalents (2)
5/8" and 3/4"	4,129	1.00	4,129
1"	560	2.50	1,400
1-1/2"	169	5.00	845
2"	157	8.00	1,256
3"	16	16.00	256
4"	8	25.00	200
6"	<u>1</u>	50.00	<u>50</u>
Total	5,040		8,136

1 - American Water Works Association equivalent meter factor; meter factors used here are consistent with the City's prior rate study

2 - Meter ratio times number of meters

5.2 Unit Cost Calculation

Table 23 calculates the unit cost for the various water rates and charges for Phase 1. The unit cost calculations for Phase 2 is provided in Appendix A. The revenue requirement is taken as the FY2020 desired rate revenue adjusted to account for a January 1 implementation date. The percent allocations to the base, extra, customer service, and meters and services categories is taken from Table 19. The base and extra categories are further subdivided into fixed and variable categories based on the information in Table 20. Base and extra fixed costs and meter and services costs are divided amongst customer meter equivalents. Customer service costs are divided amongst the total number of accounts. The base and extra variable costs are divided by water use to calculate a volume rate. In total, about 59% of total costs are variable costs and 41% are fixed costs which is an adjustment to the Water Fund's current cost recovery of 63% through volume rates and 37% meter fees, see Table 6.

Table 23: PHASE 1 - Water Unit Cost Calculation
City of San Fernando
Water and Sewer Rate Study 2019

	Base		Extra		Cust. Serv.	Meters & Services	Total
Cost Allocation	64%		17%		9%	10%	100%
FY2020 Rate	\$2,765,904		\$744,924		\$388,028	\$415,144	\$4,314,000
Revenue Requirement							
	Fixed	Variable	Fixed	Variable	Fixed	Fixed	
	28%	72%	26%	74%	100%	100%	
Cost	\$771,044	\$1,994,860	\$194,698	\$550,226	\$388,028	\$415,144	\$4,314,000
Billing Units	8,136	1,117,631	8,136	1,117,631	5,040	8,136	
	Meter Equiv.	HCF (1)	Meter Equiv.	HCF	# of Accounts	Meter Equiv.	
Rate	\$15.79	\$1.78	\$3.99	\$0.49	\$12.83	\$8.50	
	\$/bimo/equiv.	\$/HCF	\$/bimo/equiv.	\$/HCF	\$/bimo/account	\$/bimo/equiv.	

Total Volume Rate	\$2.27	\$2,545,086	59%
Total Meter Equiv. Rate	\$28.28	\$1,380,886	32%
Total Customer Serv. Rate	\$12.83	\$388,028	9%

1 - 98% of calendar year 2018 water use. As rates change, customers may respond by consuming less water.

5.3 Meter Fee Calculation

The proposed meter fees recover the City's customer service, meter and services, and demand-related costs. The customer service rate calculated in Table 23 is collected as a \$/account fee for all customers. The base-extra fixed charges plus the meter and services fee is calculated as the \$/meter equivalent times the factor for each meter. The total fee calculation for each meter size is provided in Table 24 for Phase 1. The calculation for Phase 2 is provided in Appendix A.

Table 24: PHASE 1 - FY2020 Water Fixed Charge Calculation
City of San Fernando
Water and Sewer Rate Study 2019

Meter Size					Meters & Services, Fixed		Cust. Serv.	Total Fixed Charge
	Meter Ratio		Unit Cost		Base-Extra			
5/8" and 3/4"	1.00	X	\$28.28	=	\$28.28	+	\$12.83	\$41.11
1"	2.50	X	\$28.28	=	\$70.70	+	\$12.83	\$83.53
1-1/2"	5.00	X	\$28.28	=	\$141.40	+	\$12.83	\$154.23
2"	8.00	X	\$28.28	=	\$226.24	+	\$12.83	\$239.07
3"	16.00	X	\$28.28	=	\$452.48	+	\$12.83	\$465.31
4"	25.00	X	\$28.28	=	\$707.00	+	\$12.83	\$719.83
6"	50.00	X	\$28.28	=	\$1,414.00	+	\$12.83	\$1,426.83

5.4 Usage Rate

The City's current residential rate structure includes volume rates across three tiers of consumption: Tier 1 is 0 to 18 HCF of use, Tier 2 is 19 to 36 HCF of use, and Tier 3 is use over 36 HCF bi-monthly. Since the City's prior rate study, tiered water rates have come under increased scrutiny in California. The Capistrano Taxpayers Association, Inc. v. City of San Juan Capistrano court case made a landmark ruling regarding cost of service requirements applicable to tiered water rates. To comply with Proposition 218, each water rate tier breakpoint (i.e. the consumption used in each tier) and the price of each tier must be individually cost-justified. Higher use must be directly tied to specific costs such as imported water, higher electricity costs associated with peak pumping, increased maintenance, and/or conservation programs. Tiers can no longer be assigned to customers solely based on conservation objectives. For example, public agencies may not arbitrarily raise the price of higher use tiers in order to offer a discount to lower water users.

It is recommended that the City of San Fernando transition away from tiered residential rates to a uniform rate applied to all levels of use. The City's prior rate study heavily emphasized conservation objectives. Tier 1 was set to encompass efficient, indoor water use, Tier 2 is double tier 1, and Tier 3 is excess use. It is unclear how these tiers relate to the City's source of supply and which costs are assigned to Tier 3 vs. Tier 1, for example. The City's current rate structure may be out of compliance with Proposition 218 cost of service requirements. Therefore, it is recommended that the City implement a uniform rate as calculated in Table 23.

5.5 Low Income Water Rate Assistance

In the past, the City provided a utility discount program for seniors which was phased-out. To comply with Proposition 218's cost of service requirements, sewer rate revenues from one group of customers cannot be used to subsidize the rates of another group. Instead, the City could utilize non-rate revenues associated with interest earnings and delinquent penalties to fund a new program. In FY2019/20, these revenues are estimated at about \$90,000 for the Water Fund. It is recommended that the City provide assistance to low income residents who meet the criteria of other local assistance programs such as Southern California Edison's CARE and FERA programs. This eliminates the administrative burden of the City developing its own low-income criteria. It is also recommended that rate discounts be applied to the meter fee portion of the bill rather than the usage portion of the bill to encourage conservation.

Moreover, the low income discount program should be reviewed annually by the City to determine whether the Water Fund has adequate non-rate revenues to fund the program.

5.6 Options Comparison

Table 25 provides a comparison of current rates to the FY2020 rates developed under the two options.

Table 25: FY2020 Water Rate Comparison
City of San Fernando
Water and Sewer Rate Study 2019

	Current	Phase 1	Phase 2
BI-MONTHLY FIXED CHARGES			
<u>Meter Size</u>			
5/8" and 3/4"	\$37.37	\$41.11	\$42.95
1"	\$63.93	\$83.53	\$87.49
1-1/2"	\$108.20	\$154.23	\$161.71
2"	\$161.32	\$239.07	\$250.78
3"	\$302.99	\$465.31	\$488.30
4"	\$462.37	\$719.83	\$755.51
6"	\$905.07	\$1,426.83	\$1,497.76
BI-MONTHLY COMMODITY CHARGES (rate per hcf)			
Single & Multiple-Family Residential			
Tier 1: 0 - 18 hcf	\$1.31		
Tier 2: 19 - 36 hcf	\$2.67		
Tier 3: Over 36 hcf	\$3.56		
		All customer classes	
Non-Residential	\$2.38	\$2.27	\$2.35

Table 26 and Table 27 compare the cost responsibility of each customer class under each rate option. Under the proposed rate options, the larger meters are assigned a greater portion of costs than under the current rates. This benefits the single family residential class which is overwhelmingly served by small meters. However, single family customers are assigned higher costs attributable to changes in the volume rate. Under the current rate structure, 60% of water use falls in Tier 1 (see Table 9), the lowest cost tier. Under the proposed rate options, Tier 1 is eliminated and all use is charged the uniform volume rate which is roughly equal to the current Tier 2 price. The multi-family customer class will pay a lower proportion of total system volume rate revenues because Tier 3 is eliminated. As shown in Table 9, more than half of multi-family use currently falls in Tier 3.

Table 26: Class Comparison of Meter Fee and Water Usage Rate Revenue
City of San Fernando
Water and Sewer Rate Study 2019

METER FEES	Current		Phase 1		Phase 2	
Single Family Residential	\$912,331	62.5%	\$1,029,037	58.2%	\$1,075,511	58.1%
Multi-Family Residential	\$161,824	11.1%	\$207,853	11.8%	\$217,645	11.8%
Church	\$26,233	1.8%	\$36,435	2.1%	\$38,190	2.1%
Commercial	\$189,779	13.0%	\$255,398	14.4%	\$267,593	14.5%
City	\$16,550	1.1%	\$24,648	1.4%	\$25,856	1.4%
Elementary School	\$16,514	1.1%	\$24,926	1.4%	\$26,152	1.4%
Higher Education	\$18,150	1.2%	\$27,648	1.6%	\$29,012	1.6%
Industrial	\$82,746	5.7%	\$113,653	6.4%	\$119,111	6.4%
<u>Irrigation</u>	<u>\$34,873</u>	<u>2.4%</u>	<u>\$48,897</u>	<u>2.8%</u>	<u>\$51,259</u>	<u>2.8%</u>
Total (1)	\$1,458,999	100%	\$1,768,496	100.0%	\$1,850,329	100.0%
Rate Design Target (1)			\$1,768,914		\$1,850,726	
USAGE RATES (2)	Current		Phase 1		Phase 2	
Single Family Residential	\$1,187,564	46.6%	\$1,342,339	52.9%	\$1,389,646	52.9%
Multi-Family Residential	\$520,080	20.4%	\$408,081	16.1%	\$422,462	16.1%
Church	\$42,488	1.7%	\$39,714	1.6%	\$41,113	1.6%
Commercial	\$361,793	14.2%	\$338,170	13.3%	\$350,088	13.3%
City	\$31,990	1.3%	\$29,901	1.2%	\$30,955	1.2%
Elementary School	\$24,933	1.0%	\$23,305	0.9%	\$24,126	0.9%
Higher Education	\$39,518	1.6%	\$36,937	1.5%	\$38,239	1.5%
Industrial	\$241,784	9.5%	\$225,997	8.9%	\$233,962	8.9%
<u>Irrigation</u>	<u>\$99,046</u>	<u>3.9%</u>	<u>\$92,579</u>	<u>3.6%</u>	<u>\$95,842</u>	<u>3.6%</u>
Total (1)	\$2,549,196	100%	\$2,537,023	100.0%	\$2,626,433	100.0%
Rate Design Target (1)			\$2,545,086		\$2,623,274	

1 - Slight difference due to rounding the rates to the nearest \$0.01

2 - To be conservative, both options assume all customers will use 2% less water in response to the rate change. Thus, although the volume rate increased, a portion of the revenue increase is offset by a reduction in consumption.

Table 27: Total Water Rate Revenue Class Comparison
City of San Fernando
Water and Sewer Rate Study 2019

Customer Class	Current		Phase 1		Phase 2	
Single Family Residential	\$2,099,895	52.4%	\$2,371,376	55.1%	\$2,465,157	55.1%
Multi Family Residential	\$681,904	17.0%	\$615,933	14.3%	\$640,107	14.3%
Church	\$68,720	1.7%	\$76,149	1.8%	\$79,304	1.8%
Commercial	\$551,573	13.8%	\$593,568	13.8%	\$617,681	13.8%
City	\$48,539	1.2%	\$54,548	1.3%	\$56,811	1.3%
Elementary School	\$41,447	1.0%	\$48,231	1.1%	\$50,278	1.1%
Higher Education	\$57,667	1.4%	\$64,586	1.5%	\$67,251	1.5%
Industrial	\$324,530	8.1%	\$339,651	7.9%	\$353,073	7.9%
Irrigation	<u>\$133,919</u>	<u>3.3%</u>	<u>\$141,476</u>	<u>3.3%</u>	<u>\$147,100</u>	<u>3.3%</u>
Total (1), (2)	\$4,008,194	100.0%	\$4,305,519	100.0%	\$4,476,763	100.0%
Rate Design Target (1)			\$4,314,000		\$4,474,000	

1 - Slight difference due to rounding the rates to the nearest \$0.01

2 - Revenue targets are based on calendar year data.

5.7 Proposed Water Rates

The five-year rate plan for both options is provided below. As described, the FY2019/20 rates are calculated based on a detailed cost allocation process. The rates for the subsequent years are calculated as the rate revenue requirements shown in the cash flow projections.

Table 28: PHASE 1 Five Year Water Rate Plan
City of San Fernando
Water and Sewer Rate Study 2019

	Current	2019/20	2020/21	2021/22	2022/23	2023/24
BI-MONTHLY FIXED CHARGES						
<u>Meter Size</u>						
5/8" and 3/4"	\$37.37	\$41.11	\$44.41	\$47.96	\$51.80	\$55.94
1"	\$63.93	\$83.53	\$90.24	\$97.45	\$105.25	\$113.66
1-1/2"	\$108.20	\$154.23	\$166.61	\$179.92	\$194.32	\$209.86
2"	\$161.32	\$239.07	\$258.26	\$278.89	\$301.21	\$325.30
3"	\$302.99	\$465.31	\$502.66	\$542.81	\$586.25	\$633.14
4"	\$462.37	\$719.83	\$777.61	\$839.72	\$906.92	\$979.46
6"	\$905.07	\$1,426.83	\$1,541.36	\$1,664.47	\$1,797.67	\$1,941.46
BI-MONTHLY COMMODITY CHARGES (rate per hcf)						
Single & Multi-Family Residential						
Tier 1: 0 - 18 hcf	\$1.31					
Tier 2: 19 - 36 hcf	\$2.67					
Tier 3: Over 36 hcf	\$3.56					
		All customer classes				
Non-Residential	\$2.38	\$2.27	\$2.46	\$2.66	\$2.87	\$3.10

Table 29: PHASE 2 Five Year Water Rate Plan
City of San Fernando
Water and Sewer Rate Study 2019

	Current	2019/20	2020/21	2021/22	2022/23	2023/24
BI-MONTHLY FIXED CHARGES						
<u>Meter Size</u>						
5/8" and 3/4"	\$37.37	\$42.95	\$48.19	\$53.98	\$60.45	\$67.70
1"	\$63.93	\$87.49	\$98.08	\$109.87	\$123.05	\$137.80
1-1/2"	\$108.20	\$161.71	\$181.23	\$203.02	\$227.37	\$254.62
2"	\$161.32	\$250.78	\$281.01	\$314.80	\$352.56	\$394.81
3"	\$302.99	\$488.30	\$547.09	\$612.88	\$686.40	\$768.65
4"	\$462.37	\$755.51	\$846.43	\$948.22	\$1,061.97	\$1,189.22
6"	\$905.07	\$1,497.76	\$1,677.93	\$1,879.72	\$2,105.22	\$2,357.47
BI-MONTHLY COMMODITY CHARGES (rate per hcf)						
Single & Multi-Family Residential						
Tier 1: 0 - 18 hcf	\$1.31					
Tier 2: 19 - 36 hcf	\$2.67					
Tier 3: Over 36 hcf	\$3.56					
		All customer classes				
Non-Residential	\$2.38	\$2.35	\$2.63	\$2.94	\$3.30	\$3.69

HCF - hundred cubic feet; one HCF = 748 gallons

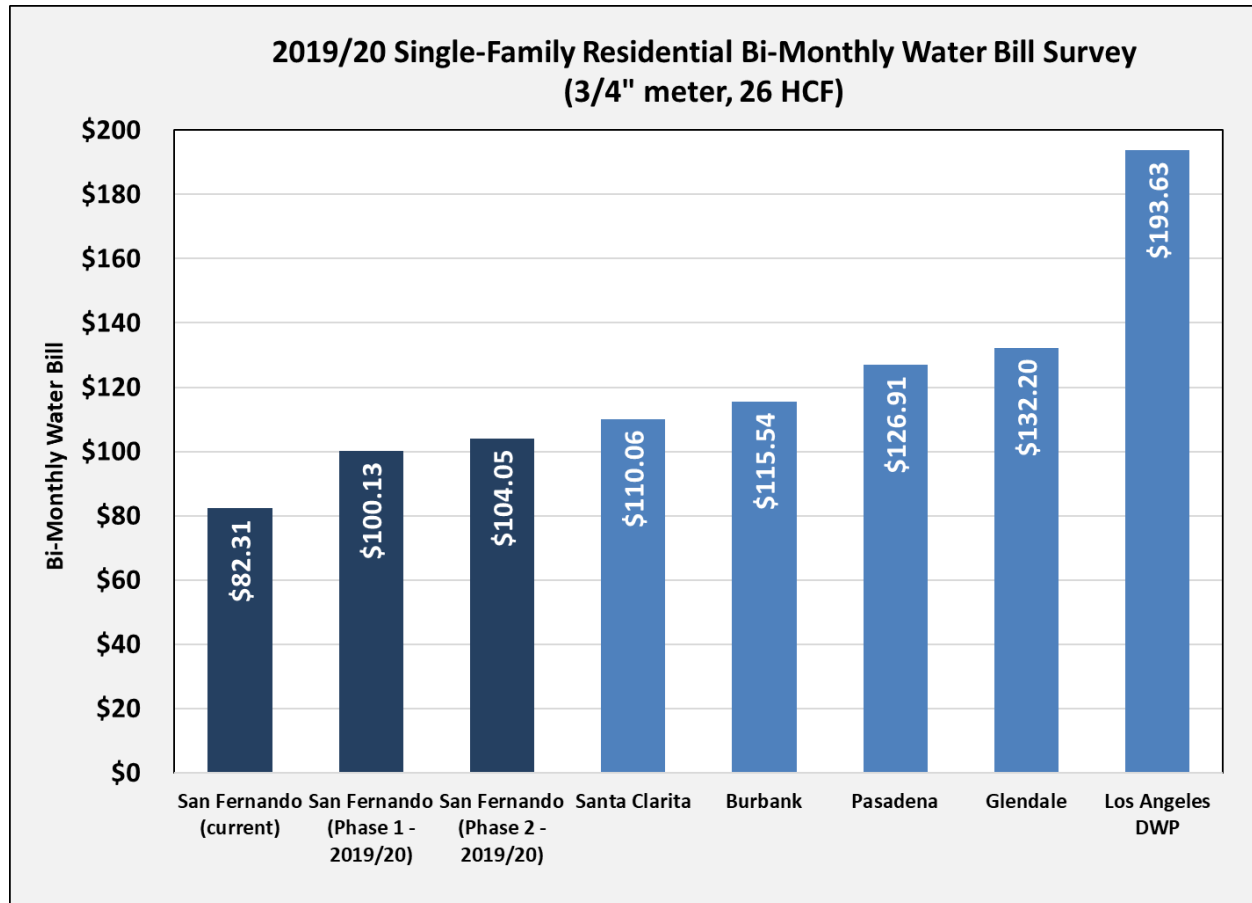
5.8 Bill Impacts

Table 30 provides a bill impact analysis for different levels of residential water use. Due to the increase in the meter charge and the elimination of the lower-priced tier 1, lower water users will have a higher percent increase to their bills than higher water users.

Table 30: Single Family Residential Water Bill Impacts
City of San Fernando
Water and Sewer Rate Study 2019

Example Customer	Bi-Monthly Water Use (hcf)	Current	PHASE 1					PHASE 2				
			2019/20	2020/21	2021/22	2022/23	2023/24	2019/20	2020/21	2021/22	2022/23	2023/24
Low Water Use												
Meter Fee (3/4")		\$37.37	\$41.11	\$44.41	\$47.96	\$51.80	\$55.94	\$42.95	\$48.19	\$53.98	\$60.45	\$67.70
Water Usage Charge	9	<u>\$11.79</u>	<u>\$20.43</u>	<u>\$22.14</u>	<u>\$23.94</u>	<u>\$25.83</u>	<u>\$27.90</u>	<u>\$21.15</u>	<u>\$23.67</u>	<u>\$26.46</u>	<u>\$29.70</u>	<u>\$33.21</u>
Total Bill		\$49.16	\$61.54	\$66.55	\$71.90	\$77.63	\$83.84	\$64.10	\$71.86	\$80.44	\$90.15	\$100.91
\$ Change			\$12.38	\$5.01	\$5.35	\$5.73	\$6.21	\$14.94	\$7.76	\$8.58	\$9.71	\$10.76
% Change			25%	8%	8%	8%	8%	30%	12%	12%	12%	12%
Average Winter Bill												
Meter Fee (3/4")		\$37.37	\$41.11	\$44.41	\$47.96	\$51.80	\$55.94	\$42.95	\$48.19	\$53.98	\$60.45	\$67.70
Water Usage Charge	20	<u>\$28.92</u>	<u>\$45.40</u>	<u>\$49.20</u>	<u>\$53.20</u>	<u>\$57.40</u>	<u>\$62.00</u>	<u>\$47.00</u>	<u>\$52.60</u>	<u>\$58.80</u>	<u>\$66.00</u>	<u>\$73.80</u>
Total Bill		\$66.29	\$86.51	\$93.61	\$101.16	\$109.20	\$117.94	\$89.95	\$100.79	\$112.78	\$126.45	\$141.50
\$ Change			\$20.22	\$7.10	\$7.55	\$8.04	\$8.74	\$23.66	\$10.84	\$11.99	\$13.67	\$15.05
% Change			31%	8%	8%	8%	8%	36%	12%	12%	12%	12%
Median Water Bill												
Meter Fee (3/4")		\$37.37	\$41.11	\$44.41	\$47.96	\$51.80	\$55.94	\$42.95	\$48.19	\$53.98	\$60.45	\$67.70
Water Usage Charge	22	<u>\$34.26</u>	<u>\$49.94</u>	<u>\$54.12</u>	<u>\$58.52</u>	<u>\$63.14</u>	<u>\$68.20</u>	<u>\$51.70</u>	<u>\$57.86</u>	<u>\$64.68</u>	<u>\$72.60</u>	<u>\$81.18</u>
Total Bill		\$71.63	\$91.05	\$98.53	\$106.48	\$114.94	\$124.14	\$94.65	\$106.05	\$118.66	\$133.05	\$148.88
\$ Change			\$19.42	\$7.48	\$7.95	\$8.46	\$9.20	\$23.02	\$11.40	\$12.61	\$14.39	\$15.83
% Change			27%	8%	8%	8%	8%	32%	12%	12%	12%	12%
Average Water Bill												
Meter Fee (3/4")		\$37.37	\$41.11	\$44.41	\$47.96	\$51.80	\$55.94	\$42.95	\$48.19	\$53.98	\$60.45	\$67.70
Water Usage Charge	26	<u>\$44.94</u>	<u>\$59.02</u>	<u>\$63.96</u>	<u>\$69.16</u>	<u>\$74.62</u>	<u>\$80.60</u>	<u>\$61.10</u>	<u>\$68.38</u>	<u>\$76.44</u>	<u>\$85.80</u>	<u>\$95.94</u>
Total Bill		\$82.31	\$100.13	\$108.37	\$117.12	\$126.42	\$136.54	\$104.05	\$116.57	\$130.42	\$146.25	\$163.64
\$ Change			\$17.82	\$8.24	\$8.75	\$9.30	\$10.12	\$21.74	\$12.52	\$13.85	\$15.83	\$17.39
% Change			22%	8%	8%	8%	8%	26%	12%	12%	12%	12%
Average Summer Bill												
Meter Fee (3/4")		\$37.37	\$41.11	\$44.41	\$47.96	\$51.80	\$55.94	\$42.95	\$48.19	\$53.98	\$60.45	\$67.70
Water Usage Charge	35	<u>\$68.97</u>	<u>\$79.45</u>	<u>\$86.10</u>	<u>\$93.10</u>	<u>\$100.45</u>	<u>\$108.50</u>	<u>\$82.25</u>	<u>\$92.05</u>	<u>\$102.90</u>	<u>\$115.50</u>	<u>\$129.15</u>
Total Bill		\$106.34	\$120.56	\$130.51	\$141.06	\$152.25	\$164.44	\$125.20	\$140.24	\$156.88	\$175.95	\$196.85
\$ Change			\$14.22	\$9.95	\$10.55	\$11.19	\$12.19	\$18.86	\$15.04	\$16.64	\$19.07	\$20.90
% Change			13%	8%	8%	8%	8%	18%	12%	12%	12%	12%
Top 10% Bill												
Meter Fee (3/4")		\$37.37	\$41.11	\$44.41	\$47.96	\$51.80	\$55.94	\$42.95	\$48.19	\$53.98	\$60.45	\$67.70
Water Usage Charge	46	<u>\$107.24</u>	<u>\$104.42</u>	<u>\$113.16</u>	<u>\$122.36</u>	<u>\$132.02</u>	<u>\$142.60</u>	<u>\$108.10</u>	<u>\$120.98</u>	<u>\$135.24</u>	<u>\$151.80</u>	<u>\$169.74</u>
Total Bill		\$144.61	\$145.53	\$157.57	\$170.32	\$183.82	\$198.54	\$151.05	\$169.17	\$189.22	\$212.25	\$237.44
\$ Change			\$0.92	\$12.04	\$12.75	\$13.50	\$14.72	\$6.44	\$18.12	\$20.05	\$23.03	\$25.19
% Change			1%	8%	8%	8%	8%	4%	12%	12%	12%	12%

The figure below compares the City's current and proposed typical water bill with the bills of other local agencies. Even with the proposed FY2019 rate increase, the City's bill will remain comparable with neighboring cities.



SECTION 6: SEWER REVENUE REQUIREMENT

Proposition 218 requires that utility rates be based on the reasonable cost of providing service to customers. The cost of service includes annual operating expenses, debt service payments, capital projects, and the accumulation of appropriate reserves. The sewer utility cost of service was developed based on the FY2019/20 adopted budget, capital project list developed by staff, and reserve recommendations based on City policies. Sewer rates have not been increased since FY2014/15 as shown on Table 10.

6.1 Revenues

For FY2019/20, the City budgeted approximately \$3.4 million in total Sewer Fund Revenues. Sewer service charges are projected at nearly \$3.3 million, representing the majority of all sewer revenues. Other revenue categories include capital facilities fees, industrial waste permits, interest income, and delinquent penalties which are expected to generate non-rate revenues totaling \$127,500.

6.2 Operations

In FY2019/20, the sewer operating budget is approximately \$3.0 million. Major line-items include administration, salaries and benefits, contractual services, maintenance, and supplies. Table 31 provides a detailed historical summary of the Sewer Fund's expenses. Table 32 includes a five-year projection through FY2023/24. Beginning in FY2020/21, personnel costs are escalated by 4.0% per year while all other operating expenses are escalated by 3.0% annually. Although the City has not implemented a sewer rate increase for the past 4 years, expenses continue to increase.

Table 31: History of Sewer Expenses
City of San Fernando
Water and Sewer Rate Study 2019

	Actual			Budget		
	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
OPERATING EXPENSES						
Personnel Costs	\$433,500	\$802,465	\$852,616	\$861,077	\$880,580	\$685,796
Operating & Maintenance Expenses						
Contractual Services	855,975	1,456,205	1,129,016	159,530	194,500	194,500
Contractual Services - LA Treatment	0	0	0	1,504,000	1,466,629	1,409,200
Cost Allocation	286,742	286,742	282,346	330,030	330,030	360,538
Other O&M Expenses	159,274	133,526	133,190	206,055	173,355	159,855
Subtotal O&M Expenses	1,301,991	1,876,474	1,544,552	2,199,615	2,164,514	2,124,093
Internal Service Charges	0	116,503	134,230	183,764	181,092	140,634
Transfers						
Transfer to General Fund	60,000	60,000	60,000	60,000	60,000	60,000
Transfer to Retirement Fund	0	0	0	12,434	12,434	12,434
Subtotal Transfers	60,000	60,000	60,000	72,434	72,434	72,434
TOTAL OPERATING EXPENSES	1,795,490	2,855,441	2,591,398	3,316,890	3,298,620	3,022,957
<i>Percent Change</i>		59%	-9%	28%	-1%	-8%
CAPITAL EXPENSES						
Operating & Maintenance Expenses	0	0	0	60,000	0	250,000
Capital Costs	1,036	0	0	0	0	409,000
Capital Projects	626,959	1,634,765	950,042	3,255,000	912,429	1,413,960
TOTAL SEWER CAPITAL	627,995	1,634,765	950,042	3,315,000	912,429	2,072,960
<i>Percent Change</i>		160%	-42%	249%	-72%	127%
TOTAL SEWER EXPENSES	2,423,485	4,490,206	3,541,440	6,631,890	4,211,049	5,095,917
<i>Percent Change</i>		85%	-21%	87%	-37%	21%

Table 32: Sewer Operating Expense Projection
City of San Fernando
Water and Sewer Rate Study 2019

	Budget 2019/20	Escalation Factor	Rate Study			
			2020/21	2021/22	2022/23	2023/24
Personnel Costs	\$685,796	4%	\$713,000	\$742,000	\$772,000	\$803,000
O & M Expenses	159,855	3%	\$165,000	170,000	175,000	180,000
Contractual Services	194,500	3%	\$200,000	206,000	212,000	218,000
Contractual Services - LA Treatment	1,409,200	3%	\$1,451,000	1,495,000	1,540,000	1,586,000
Cost Allocation	360,538	3%	\$371,000	382,000	393,000	405,000
Internal Service Charges	140,634	3%	\$145,000	149,000	153,000	158,000
Transfers	72,434	0%	\$72,000	72,000	72,000	72,000
TOTAL OPERATING EXPENSES	\$3,022,957		\$3,117,000	\$3,216,000	\$3,317,000	\$3,422,000

6.3 Sewer Capital Improvement Plan

The City has identified approximately \$5.28 million in sewer improvements through FY2023/24 as shown on Table 33. These projects include sewer main hydraulically deficient projects and replacing sewer mains.

Two sewer capital improvement plan options were developed based on input from the City. Phase 1 consists of a fully funded plan in which all projects are funded on a cash basis, totaling \$5.28 million. Phase 2 only includes the “Sewer Main Hydraulically Deficient Projects,” totaling \$3.27 million.

Table 33: Sewer Capital Improvement Plan
City of San Fernando
Water and Sewer Rate Study 2019

	Rate Study					5-Year Total
	2019/20	2020/21	2021/22	2022/23	2023/24	
SEWER EQUIPMENT						
Ford LNT-8000-Guzzler - Vehicle # 1258	\$0	\$0	\$0	\$0	\$0	\$0
Ford F-150 - Vehicle # 0597	60,000	0	0	0	0	60,000
Subtotal	60,000	0	0	0	0	60,000
SEWER MAIN HYDRAULICALLY DEFICIENT PROJECTS						
Harding Ave - Seventh Street to Fifth Street	0	0	0	0	0	0
Easement s/o Warren - WCL to Meyer	60,973	0	0	0	0	60,973
Glenoaks Blvd - Orange Grove Ave to Harding Ave	0	0	0	0	0	0
Harding Ave - Phillippi St to Seventh St	156,690	0	0	0	0	156,690
Seventh St - Fermoore St to N Workman St	60,987	0	0	0	0	60,987
Eighth Street - Lazard St to Orange Grove Ave		0	55,776			55,776
Orange Grove Ave - Glenoaks Blvd to Warren St	209,652	0	0	0	0	209,652
Alloy w/o N Maclay - Eighth St to Knox St	62,436	0	0	0	0	62,436
Brand Blvd - Fourth St to Third St	71,504	0	0	0	0	71,504
N Maclay Ave - Mountain View to Seventh St	76,124	0	0	0	0	76,124
N Maclay Ave - Glenoaks Blvd	4,950	0	0	0	0	4,950
Griswold Ave - De Garmo St to Fifth St	0	71,279	0	0	0	71,279
N Brand Blvd - Morningside Ct to Library St	0	46,374	0	0	0	46,374
Library St - N Brand Blvd to Newton St	0	68,853	0	0	0	68,853
Coronel St - N Maclay to Carlisle	0	77,449	0	0	0	77,449
Carlisle St - Hollister St to O'Melveny	0	343,091	0	0	0	343,091
O'Melveny St - San Fernando Mission Blvd to Fox St	0	0	433,977	0	0	433,977
Newton St - Library St to Fourth St	0	0	69,339	0	0	69,339
N Huntington St - Glenoaks Blvd to Fermoore St	0	0	72,817	0	0	72,817
Fifth St - Fermoore to N Workman St	0	0	71,195	0	0	71,195
First St - Harding Ave to Alexander St	0	0	0	212,961	0	212,961
Alexander St - First St to Alley n/o First St	0	0	0	43,079	0	43,079
Alley n/o First St - Alexander St to N Brand Blvd	0	0	0	345,468	0	345,468
N Brand Blvd - n/o First St to Easement s/o Truman St	0	0	0	176,350	0	176,350
Easement s/o Truman St - N Brand Blvd to Wolfskill St	0	0	0	0	240,530	240,530
Wolfskill St - Easement s/o Truman St to Celis St	0	0	0	0	111,715	111,715
Eighth St - Aviation Pl to Arroyo Ave	0	0	0	0	55,177	55,177
First St - Park Ave to Fox St	0	0	0	0	62,698	62,698
San Fernando Rd - Hubbard Ave	0	0	0	0	10,204	10,204
Subtotal	703,316	607,046	703,104	777,858	480,324	3,271,648
SEWER MAIN REPLACEMENT PROJECTS						
Newton - Seventh to Eighth	162,000	0	0	0	0	162,000
Seventh - N. Brand Blvd to 300 ft. west	54,000	0	0	0	0	54,000
DeFoe - N. Brand Blvd to 300 ft. west	54,000	0	0	0	0	54,000
Harding - Eighth to Phillippi	116,100	0	0	0	0	116,100
Fourth - Newton to Griswold	0	61,200	0	0	0	61,200
Seventh - 4 segments between Maclay and Harding (2 at 385 ft., 2 at 365 ft.)	0	270,000	0	0	0	270,000
N. Huntington - Glenoaks to 300 ft. south	0	0	54,000	0	0	54,000
N. Huntington - Fifth to 600 ft. south	0	0	108,000	0	0	108,000
Fourth - Macneil 165 ft. east to alley	0	0	0	29,700	0	29,700
Alley #29 - Second towards First, b/w Hagar & Maclay	0	0	0	67,500	0	67,500
Meyer - 280 ft. north from Second St.	0	0	0	0	50,400	50,400
Lazard - 240 ft. north from Second St.	0	0	0	0	43,200	43,200
Pico - San Fernando Mission Blvd to 350 ft. east	63,000	0	0	0	0	63,000
Pico - Kalisher to 350 ft. east	63,000	0	0	0	0	63,000
Subtotal	512,100	331,200	162,000	97,200	93,600	1,196,100
SEWER MAIN MISCELLANEOUS						
Citywide CCTV of Sewer System	150,000	150,000	150,000	150,000	150,000	750,000
Subtotal	150,000	150,000	150,000	150,000	150,000	750,000
TOTAL SEWER CIP	\$1,425,416	\$1,088,246	\$1,015,104	\$1,025,058	\$723,924	\$5,277,748

6.4 Sewer Reserves

The City's *Contingency and Stabilization Reserve Fund* stipulates a target of 25 percent of annual operating expenses. The City's *Infrastructure Replacement Reserve Fund* does not require a specific target. The policy states that "contribution rate is intended to level-amortize the cost of infrastructure replacement projects over a long period of time." The City's *2011 Tiered Water Rate Study* recommended a Capital Repair and Replacement reserve to be "funded with the annual amount of depreciation, plus any excess funds from the operating reserve." Adequate fund reserves protect the City when faced with unforeseen financial challenges such as emergency expenses and revenue deficits. Furthermore, the Sewer Fund may be required to maintain certain levels of reserves if the City were to obtain debt financing.

For this rate study, the Operating Reserve target is 25 percent of annual operating expenses. A Capital Reserve target of \$1 million is also included in the cash flow analysis. This target is a placeholder and can be modified based on input from the City. The fund reserve target will escalate as the Sewer Fund's expenses increase over time. It is acceptable if reserves dip below the target on a temporary basis, provided the City takes action to attain the target over the longer run.

6.5 Sewer Fund Cash Flow

6.5.1 Cash Flow Objectives

Based on the FY2019/20 adopted budget, the Sewer Fund is projected to begin FY2019/20 with a fund balance of \$1.74 million. Over the five-year rate study period, rate increases are proposed such that the following objectives are met, in order of importance:

- 1) Fund operating costs
- 2) Fund capital costs
- 3) The fund balance at the end of each year should meet or exceed the operating reserve fund target of 25 percent of annual operating expenses.
- 4) The fund balance at the end of the 5-year rate plan should meet or exceed the operating fund target of 25 percent of annual operating expenses and the \$1 million capital fund target.

The objectives listed above are intended to eliminate operating deficits in which the City under-charges the cost of service by funding deficit spending from reserves.

6.5.2 Summary of Options

A summary of the three sewer fund CIP options and revenue adjustments is provided in Table 34. It is assumed that all sewer CIP projects will be funded with cash (i.e. no new debt).

Table 34: Sewer Option Comparison
City of San Fernando
Water and Sewer Rate Study 2019

Revenue Adjustment Comparison						
Phase	Description	2019/20	2020/21	2021/22	2022/23	2023/24
#1	<u>MAIN REPLACEMENT PROJECTS ONLY</u> - Only includes Main Replacements for FY2019/20 - FY2023/24 totaling \$1.2 million - Projects are funded with cash; No debt.	2.0%	2.0%	2.0%	2.0%	2.0%
#2	<u>HYDRAULICALLY DEFICIENT PROJECTS ONLY</u> - Only includes Hydraulically Deficient projects for FY2019/20 - FY2023/24 totaling \$3.3 million - Projects are funded with cash; No debt.	6.0%	6.0%	6.0%	6.0%	6.0%

6.5.3 Revenues

The cash flows for both options are presented in Table 35 and Table 36. The first rate increase will go into effect on January 1, 2020 when water consumption is generally lower, and therefore, minimizing the impact to ratepayers. Subsequent rate increases are assumed to go into effect January 1 of each year through January 1, 2024. The rate revenue projection includes customer growth of 0.5% annually. Non-rate revenues associated with interest income and delinquent charges can be pledged toward a new low income rate payer assistance program.

6.5.4 Expenses

Operating expenses shown in the cash flows are based on Table 32. Capital project costs are from Table 33. Beginning in 2019/20, personnel costs are escalated by 4.0% per year while all other operating expenses are escalated by 3.0% each year.

Table 35: PHASE 1 - Sewer Utility Cash Flow
City of San Fernando
Water and Sewer Rate Study 2019

	Years 1 -5: Proposition 218				
	Budget 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
1 Assumptions:					
2 Overall Revenue Adjustment	2.0%	2.0%	2.0%	2.0%	2.0%
3 Rate Increase Effective	Jan 1, 2020	Jan 1, 2021	Jan 1, 2022	Jan 1, 2023	Jan 1, 2024
4 Interest Earnings Rate	1.0%	1.0%	1.0%	1.0%	1.0%
5 Other Revenues	3.0%	3.0%	3.0%	3.0%	3.0%
6 Growth - %	0.5%	0.5%	0.5%	0.5%	0.5%
7 BEGINNING FUND BALANCE	\$1,740,753	\$1,693,696	\$1,800,496	\$2,057,496	\$2,367,296
8 Water Sales based on 12 months	3,383,000	3,468,000	3,555,000	3,644,000	3,735,000
9 REVENUES					
10 Sewer Service Charges (1)	3,342,000	3,405,000	3,480,000	3,562,000	3,649,000
11 Interest Income	17,000	17,000	18,000	21,000	24,000
12 Delinquent Penalties	41,000	42,000	43,000	44,000	45,000
13 Industrial Waste Permits	31,000	32,000	33,000	34,000	35,000
14 Capital Facility Charges	31,000	32,000	33,000	34,000	35,000
15 Transfer from General Fund	26,000	27,000	28,000	29,000	30,000
16 Total Revenues	<u>3,488,000</u>	<u>3,555,000</u>	<u>3,635,000</u>	<u>3,724,000</u>	<u>3,818,000</u>
17 EXPENSES					
18 <u>Operating & Maintenance</u>					
19 Personnel Costs	685,796	713,000	742,000	772,000	803,000
20 O & M Expenses	159,855	165,000	170,000	175,000	180,000
21 Contractual Services	194,500	200,000	206,000	212,000	218,000
22 Contractual Services - LA Treatment	1,409,200	1,451,000	1,495,000	1,540,000	1,586,000
23 Cost Allocation	360,538	371,000	382,000	393,000	405,000
24 Internal Service Charges	140,634	145,000	149,000	153,000	158,000
25 Transfers	72,434	72,000	72,000	72,000	72,000
26 Subtotal O&M	<u>3,022,957</u>	<u>3,117,000</u>	<u>3,216,000</u>	<u>3,317,000</u>	<u>3,422,000</u>
27 <u>Capital Projects</u>					
28 <i>Capital Improvement Plan (CIP)</i>					
29 Sewer Equipment	0	0	0	0	0
30 Sewer Main Hydraulically Deficient Projects	0	0	0	0	0
31 Sewer Main Replacement Projects	512,100	331,200	162,000	97,200	93,600
32 Sewer Main Miscellaneous	0	0	0	0	0
33 Subtotal Capital Projects	<u>512,100</u>	<u>331,200</u>	<u>162,000</u>	<u>97,200</u>	<u>93,600</u>
34 Total Expenses	<u>3,535,057</u>	<u>3,448,200</u>	<u>3,378,000</u>	<u>3,414,200</u>	<u>3,515,600</u>
35 Net Revenues (Revs Less Exps)	(47,057)	106,800	257,000	309,800	302,400
36 ENDING FUND BALANCE	1,693,696	1,800,496	2,057,496	2,367,296	2,669,696
37 <i>Fund Reserve Target</i>					
38 Operating Reserve Target (25% of O&M)	755,739	779,250	804,000	829,250	855,500
39 Capital Reserve Target (\$1M)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
40 Total Sewer Fund Reserves	<u>1,755,739</u>	<u>1,779,250</u>	<u>1,804,000</u>	<u>1,829,250</u>	<u>1,855,500</u>
41 Target Met	no	yes	yes	yes	yes

1 - Sewer Sales Revenue have been adjusted based on January 1 effective date.

Table 36: PHASE 2 - Sewer Utility Cash Flow
City of San Fernando
Water and Sewer Rate Study 2019

	Years 1 -5: Proposition 218				
	Budget 2019/20	Projected 2020/21	Projected 2021/22	Projected 2022/23	Projected 2023/24
1 Assumptions:					
2 Overall Revenue Adjustment	6.0%	6.0%	6.0%	6.0%	6.0%
3 Rate Increase Effective	Jan 1, 2020	Jan 1, 2021	Jan 1, 2022	Jan 1, 2023	Jan 1, 2024
4 Interest Earnings Rate	1.0%	1.0%	1.0%	1.0%	1.0%
5 Other Revenues	3.0%	3.0%	3.0%	3.0%	3.0%
6 Growth - %	0.5%	0.5%	0.5%	0.5%	0.5%
7 BEGINNING FUND BALANCE	\$1,740,753	\$1,568,480	\$1,570,434	\$1,588,330	\$1,668,472
8 Water Sales based on 12 months	3,515,000	3,745,000	3,990,000	4,251,000	4,529,000
9 REVENUES					
10 Sewer Service Charges (1)	3,408,000	3,577,000	3,784,000	4,018,000	4,274,000
11 Interest Income	17,000	16,000	16,000	16,000	17,000
12 Delinquent Penalties	41,000	42,000	43,000	44,000	45,000
13 Industrial Waste Permits	31,000	32,000	33,000	34,000	35,000
14 Capital Facility Charges	31,000	32,000	33,000	34,000	35,000
15 Transfer from General Fund	26,000	27,000	28,000	29,000	30,000
16 Total Revenues	<u>3,554,000</u>	<u>3,726,000</u>	<u>3,937,000</u>	<u>4,175,000</u>	<u>4,436,000</u>
17 EXPENSES					
18 <u>Operating & Maintenance</u>					
19 Personnel Costs	685,796	713,000	742,000	772,000	803,000
20 O & M Expenses	159,855	165,000	170,000	175,000	180,000
21 Contractual Services	194,500	200,000	206,000	212,000	218,000
22 Contractual Services - LA Treatment	1,409,200	1,451,000	1,495,000	1,540,000	1,586,000
23 Cost Allocation	360,538	371,000	382,000	393,000	405,000
24 Internal Service Charges	140,634	145,000	149,000	153,000	158,000
25 Transfers	72,434	72,000	72,000	72,000	72,000
26 Subtotal O&M	<u>3,022,957</u>	<u>3,117,000</u>	<u>3,216,000</u>	<u>3,317,000</u>	<u>3,422,000</u>
27 <u>Capital Projects</u>					
28 <i>Capital Improvement Plan (CIP)</i>					
29 Sewer Equipment	0	0	0	0	0
30 Sewer Main Hydraulically Deficient Projects	703,316	607,046	703,104	777,858	480,324
31 Sewer Main Replacement Projects	0	0	0	0	0
32 Sewer Main Miscellaneous	0	0	0	0	0
33 Subtotal Capital Projects	<u>703,316</u>	<u>607,046</u>	<u>703,104</u>	<u>777,858</u>	<u>480,324</u>
34 Total Expenses	<u>3,726,273</u>	<u>3,724,046</u>	<u>3,919,104</u>	<u>4,094,858</u>	<u>3,902,324</u>
35 Net Revenues (Revs Less Exps)	(172,273)	1,954	17,896	80,142	533,676
36 ENDING FUND BALANCE	1,568,480	1,570,434	1,588,330	1,668,472	2,202,148
37 <i>Fund Reserve Target</i>					
38 Operating Reserve Target (25% of O&M)	755,739	779,250	804,000	829,250	855,500
39 Capital Reserve Target (\$1M)	<u>1,000,000</u>	<u>1,000,000</u>	<u>1,000,000</u>	<u>1,000,000</u>	<u>1,000,000</u>
40 Total Sewer Fund Reserves	<u>1,755,739</u>	<u>1,779,250</u>	<u>1,804,000</u>	<u>1,829,250</u>	<u>1,855,500</u>
41 <i>Target Met</i>	no	no	no	no	yes

1 - Sewer Sales Revenue have been adjusted based on January 1 effective date.

SECTION 7: SEWER COST ALLOCATION

The revenue requirements detailed in the previous section determine the amount of revenue to be recovered from sewer rates. The cost of service allocation determines how revenues will be recovered from customers based on their estimated impact on the sewer system. Proposition 218 requires that agencies providing “property-related services” (including sewer service) set rates and charges that are based on the cost of providing those services.

7.1 Methodology

A revenue requirement analysis determines the utility’s overall financial needs, while the cost of service analysis determines the fair and equitable manner to collect that revenue requirement. The first step is classification where the functionalized costs are classified into specific cost components. The following cost classifiers were used to develop the cost of service analysis:

- *Base Costs:* Base costs represent the fixed expenditures of the sewer utility, including personnel costs and overhead expenses.
- *Flow Costs:* Volume or flow related costs that vary with the total quantity of wastewater collected and treated.
- *Strength Costs:* Strength related costs are those expenditures associated with the additional handling and treatment of high strength sewer. Sewer strength is typically measured in biochemical oxygen demand (BOD) and suspended solids (SS). Increased levels of BOD or SS typically equate to increased treatment costs.

The second step is to proportionally allocate the cost components to each customer class. The allocation is based on each customer class’ relative contribution to the cost component using the following allocation factors:

- *Base Allocation Factor:* Base or fixed costs are allocated to each customer class based on the total number of customer accounts in that class of service.
- *Flow Allocation Factor:* Flow-related costs are typically allocated on the basis of contribution to sewer flows. Because the City does not meter wastewater discharges, metered water consumption is used to estimate contributed average wastewater volume units of service.
- *Strength Allocation Factor:* Strength-related costs are classified between BOD and SS. Both of these types of costs are allocated to each of the classes of service based upon the assumed domestic strength level of 175 mg/l for BOD and SS.

7.2 Cost Allocation Results

The FY2019/20 was selected as the test year for the sewer cost allocation because it reflects the most recent and up to date cost information. Moreover, beyond FY2019/20, the capital costs included in each option vary significantly which would lead to wide disparities between the two options. Table 37 shows the classification of sewer expenses to the cost components of Base Costs, Flow, and Strength.

Table 37: Classification of Sewer Expenses by Function
City of San Fernando
Water and Sewer Rate Study 2019

	Budget	Classification					Cost Allocation				
	2019/20	Base	Flow	BOD	SS	Total	Base	Flow	BOD	SS	Total
<u>Operating & Maintenance Expenses</u>											
Personnel Costs	\$685,796	100%	0%	0%	0%	100%	\$685,796	\$0	\$0	\$0	\$685,796
Utilities	\$5,000	0%	50%	25%	25%	100%	\$0	\$2,500	\$1,250	\$1,250	\$5,000
Telephone	\$900	25%	50%	0%	25%	100%	\$225	\$450	\$0	\$225	\$900
Rents & Leases	\$11,300	10%	80%	0%	10%	100%	\$1,130	\$9,040	\$0	\$1,130	\$11,300
Contractual Services	\$1,603,700	10%	30%	30%	30%	100%	\$160,370	\$481,110	\$481,110	\$481,110	\$1,603,700
Office Equipment Maintenance	\$3,680	25%	50%	0%	25%	100%	\$920	\$1,840	\$0	\$920	\$3,680
Department Supplies	\$20,400	25%	50%	0%	25%	100%	\$5,100	\$10,200	\$0	\$5,100	\$20,400
Equipment & Supplies	\$6,900	25%	50%	0%	25%	100%	\$1,725	\$3,450	\$0	\$1,725	\$6,900
Department Equipment Maintenance	\$3,500	25%	50%	0%	25%	100%	\$875	\$1,750	\$0	\$875	\$3,500
Uniform Allowance	\$175	25%	50%	0%	25%	100%	\$44	\$88	\$0	\$44	\$175
Small Tools	\$5,000	25%	50%	0%	25%	100%	\$1,250	\$2,500	\$0	\$1,250	\$5,000
Personnel Training	\$2,500	25%	50%	0%	25%	100%	\$625	\$1,250	\$0	\$625	\$2,500
Vehicle Allowance & Maintenance	\$900	25%	50%	0%	25%	100%	\$225	\$450	\$0	\$225	\$900
Vehicle O&M	\$5,000	25%	50%	0%	25%	100%	\$1,250	\$2,500	\$0	\$1,250	\$5,000
Activities & Programs	\$5,200	0%	50%	25%	25%	100%	\$0	\$2,600	\$1,300	\$1,300	\$5,200
Other Expenses	\$86,400	25%	50%	0%	25%	100%	\$21,600	\$43,200	\$0	\$21,600	\$86,400
Cost Allocation	\$360,538	100%	0%	0%	0%	100%	\$360,538	\$0	\$0	\$0	\$360,538
PW Maintenance & Repair Supplies	\$3,000	25%	50%	0%	25%	100%	\$750	\$1,500	\$0	\$750	\$3,000
Internal Service Charges	\$140,634	100%	0%	0%	0%	100%	\$140,634	\$0	\$0	\$0	\$140,634
Transfers Out	\$72,434	10%	80%	0%	10%	100%	\$7,243	\$57,947	\$0	\$7,243	\$72,434
Subtotal O&M Expenses	\$3,022,957						\$1,390,301	\$622,375	\$483,660	\$526,622	\$3,022,957
<u>Non-Operating Expenses</u>											
Capital Improvement Plan (CIP)	\$2,072,960	25%	25%	25%	25%	100%	\$518,240	\$518,240	\$518,240	\$518,240	\$2,072,960
Subtotal Non-Operating Expenses	\$2,072,960						\$518,240	\$518,240	\$518,240	\$518,240	\$2,072,960
Total Expenses							\$1,908,541	\$1,140,615	\$1,001,900	\$1,044,862	\$5,095,917
Classification Factor							37.5%	22.4%	19.7%	20.5%	100.0%

Table 38 presents the loading calculations used to determine the allocation factors. The City does not meter wastewater discharges, therefore, flow is estimated from metered water data. Projected flow is based on a four-year average from CY2015 through CY2018. To account for water used for outdoor irrigation that is not discharged to the wastewater system, it is assumed that 20% of residential water demand and 10% of commercial demand is for irrigable needs and is therefore not included in the total flow calculation.

Table 38: Sewer Loading Calculations
City of San Fernando
Water and Sewer Rate Study 2019

Customer Class	No. of Accounts	Base Factor	Adjusted Projected Wastewater Flow			Wastewater Strength (mg/l)		Wastewater Loadings (lbs)			
			Wastewater Flow (hcf) (1)	Flow Factor	Flow (MG)	BOD	SS	BOD	SS	BOD Factor	SS Factor
Single Family Residential	3,813	59.2%	451,463	54.7%	338	200	200	563,312	563,312	45.0%	48.9%
Multi-Family Residential	2,021	31.4%	140,129	17.0%	105	175	175	152,990	152,990	12.2%	13.3%
Group II Commercial	275	4.3%	68,396	8.3%	51	250	250	106,677	106,677	8.5%	9.3%
Group III Commercial	56	0.9%	10,982	1.3%	8	500	500	34,256	34,256	2.7%	3.0%
Group IV Commercial	88	1.4%	42,034	5.1%	31	800	800	209,789	209,789	16.7%	18.2%
City Property	15	0.2%	7,560	0.9%	6	200	200	9,433	9,433	0.8%	0.8%
Industrial	164	2.5%	81,132	9.8%	61	310	120	156,911	60,740	12.5%	5.3%
Schools	13	0.2%	24,322	2.9%	18	130	100	19,726	15,174	1.6%	1.3%
Total	6,445	100%	826,018	100%	618			1,253,093	1,152,370	100%	100%

MG - million gallons

1 - Based on 4-year average (2015-2018). Discharge assumptions: 80% of residential consumption and 90% of commercial consumption. Does not include irrigation accounts.

Table 39 includes the allocation factors by customer class. The allocation factors are computed by multiplying the functionalization factors from Table 37 (37.5% for Base, 22.4% for Flow, 19.7% for BOD, and 20.5% for SS) by the loading percentages for each customer class. For example, the single family Residential class has a Flow Allocation Factor of 12.2%, which is the product of the single family Residential Flow Loading Factor of 54.7% and the Flow Functionalization Factor of 22.4%. This means that the flow generated by the single family Residential customer class contributes to 12.2% of the total revenue requirement. Combined with the Base (22.2%), BOD (8.8%), and SS (10.0%) allocation factors, 53.3% of the total revenue requirement is allocated to the single family Residential class.

Table 39: Sewer Allocation Factors
City of San Fernando
Water and Sewer Rate Study 2019

Customer Class	Factor				
	Base Factor	Flow Factor	BOD Factor	SS Factor	
Single Family Residential	59.2%	54.7%	45.0%	48.9%	
Multi-Family Residential	31.4%	17.0%	12.2%	13.3%	
Group II Commercial	4.3%	8.3%	8.5%	9.3%	
Group III Commercial	0.9%	1.3%	2.7%	3.0%	
Group IV Commercial	1.4%	5.1%	16.7%	18.2%	
City Property	0.2%	0.9%	0.8%	0.8%	
Industrial	2.5%	9.8%	12.5%	5.3%	
Schools	0.2%	2.9%	1.6%	1.3%	
Total	100.0%	100.0%	100.0%	100.0%	
Functionalization Factors					
	37.5%	22.4%	19.7%	20.5%	
Customer Class	Allocation Factor				
	Base Factor	Flow Factor	BOD Factor	SS Factor	Total Factor
Single Family Residential	22.2%	12.2%	8.8%	10.0%	53.3%
Multi-Family Residential	11.7%	3.8%	2.4%	2.7%	20.7%
Group II Commercial	1.6%	1.9%	1.7%	1.9%	7.0%
Group III Commercial	0.3%	0.3%	0.5%	0.6%	1.8%
Group IV Commercial	0.5%	1.1%	3.3%	3.7%	8.7%
City Property	0.1%	0.2%	0.1%	0.2%	0.6%
Industrial	1.0%	2.2%	2.5%	1.1%	6.7%
Schools	0.1%	0.7%	0.3%	0.3%	1.3%
Total					100.0%

The total costs classified to each cost component were allocated between the customer classes using the allocation factors. Then the allocated expenses for each customer group were aggregated to determine each customer group's overall revenue responsibility. The required revenue allocations for each customer class for Phase 1 is shown on Table 40.

Table 40: Sewer Revenue Requirements by Class – PHASE 1
City of San Fernando
Water and Sewer Rate Study 2019

	2019/20	2020/21	2021/22	2022/23	2023/24
SINGLE FAMILY RESIDENTIAL					
Revenue Requirement	\$1,801,523	\$1,846,788	\$1,893,117	\$1,940,512	\$1,988,971
# of Accounts	3,832	3,851	3,870	3,889	3,908
Bi-Monthly Fixed Charge	\$78.35	\$79.93	\$81.53	\$83.16	\$84.82
MULTI- FAMILY RESIDENTIAL					
Revenue Requirement	\$699,056	\$716,620	\$734,598	\$752,989	\$771,793
# of Accounts	2,031	2,041	2,051	2,061	2,071
Bi-Monthly Fixed Charge	\$57.37	\$58.52	\$59.69	\$60.89	\$62.11
NON-RESIDENTIAL					
Revenue Requirement	\$120,116	\$123,134	\$126,223	\$129,383	\$132,614
# of Accounts	613	615	617	619	621
Bi-Monthly Fixed Charge	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Unit Rates					
Group II Commercial	\$2.67	\$2.72	\$2.78	\$2.83	\$2.89
Group III Commercial	\$4.43	\$4.52	\$4.61	\$4.70	\$4.79
Group IV Commercial	\$6.54	\$6.67	\$6.80	\$6.94	\$7.08
City Property	\$2.32	\$2.36	\$2.41	\$2.46	\$2.51
Industrial	\$2.38	\$2.43	\$2.48	\$2.53	\$2.58
Schools (4)	\$1.71	\$1.75	\$1.78	\$1.82	\$1.86
Revenue Check					
Single Family Residential - Fixed Charges	\$1,801,423	\$1,846,863	\$1,893,127	\$1,940,455	\$1,988,859
Multi-Family Residential - Fixed Charges	\$699,111	\$716,636	\$734,545	\$752,966	\$771,779
Commercial - Fixed Charges	\$120,123	\$123,135	\$126,238	\$129,396	\$132,608
<u>Commercial - Unit Charges</u>	<u>\$762,187</u>	<u>\$781,354</u>	<u>\$801,214</u>	<u>\$821,234</u>	<u>\$842,137</u>
Total	\$3,382,845	\$3,467,988	\$3,555,124	\$3,644,051	\$3,735,384

The allocation of revenue requirements provided in Table 40 has also been calculated for the Phase 2 option, see Appendix B.

SECTION 8: SEWER RATE DESIGN

The City's current sewer rate structure includes a fixed charge for all residential sewer customers. Non-residential customers classes are billed a flat charge plus a quantity charge based on metered water use. The quantity charge varies based on customer class and wastewater strength.

Because a residential customer's peak usage does not directly affect sewer discharge, a flat sewer rate is appropriate for the residential class. The fixed rate provides revenue stability for the City and reflects the fact that the majority of the Sewer Fund's costs are fixed. By contrast, the majority of non-residential water consumption is for business needs and has a direct relationship to the amount of water discharged. Moreover, the strength characteristics vary significantly between different types of businesses (i.e., an office versus a restaurant). As a result, a fixed base charge plus a quantity charge per unit of water consumed is an appropriate rate structure for non-residential customers.

8.1 Reduced Multi-Family Residential Sewer Rate

Currently all residential customers are charged the same flat sewer rate. Based on an analysis of the City's water consumption, this study proposes a reduced multi-family sewer rate. As shown on Table 41, multi-family customers generally use less water than single-family customers per dwelling unit. Typical sewer discharge for a single family household is estimated at 10 HCF per month. Comparatively, for a multi-family customer, average monthly sewer discharge is approximately 6 HCF. To account for water used for other purposes such as outdoor irrigation, the analysis assumes that 20% of total water used does not go to the sewer system. The rate derivation for the proposed reduced multi-family sewer rate for Phase 1 is shown on Table 44.

Table 41: Single Family & Multi-Family Residential Sewer Flow
City of San Fernando
Water and Sewer Rate Study 2019

Customer Class	No. of Dwelling Units	Adjusted Wastewater Flow (HCF) (1)	Average Monthly Flow per Dwelling Unit (HCF)
Single Family Residential	3,813	451,463	10
Multi-Family Residential	2,021	140,129	6

1 - Based on 4-year average (2015-2018). Discharge assumptions: 80% of residential consumption

8.2 Billing Units

Customer growth was projected over the next five years as shown on Table 42. The number of current sewer accounts is based on 2017 and 2018 customer data. Customer billing units for FY2020/21 through FY2023/24 are increased annually by 0.5% reflecting modest growth.

Table 42: Projected Sewer Customers
City of San Fernando
Water and Sewer Rate Study 2019

Customer Class	2018/19	Projected				
		2019/20	2020/21	2021/22	2022/23	2023/24
Projected Growth		0.5%	0.5%	0.5%	0.5%	0.5%
Residential Dwelling Units						
Single Family Residential	3,813	3,832	3,851	3,870	3,889	3,908
Multi Family Residential	2,021	2,031	2,041	2,051	2,061	2,071
Subtotal	5,834	5,863	5,892	5,921	5,950	5,979
Non-Residential Accounts						
Group II Commercial	275	276	277	278	279	280
Group III Commercial	56	56	56	56	56	56
Group IV Commercial	88	88	88	88	88	88
City Property	15	15	15	15	15	15
Industrial	164	165	166	167	168	169
Schools	13	13	13	13	13	13
Subtotal	611	613	615	617	619	621
Total	6,445	6,476	6,507	6,538	6,569	6,600

8.3 Flow Analysis

Table 43 shows the estimated flow by customer class over the next five years. Because the City does not meter wastewater discharges, flow is estimated from metered water data. Projected flow is based on a four-year average from Calendar Year (CY) 2015 through CY2018. To account for water used for outdoor irrigation that is not discharged to the wastewater system, it is assumed that 20% of residential water demand and 10% of commercial demand is for irrigable needs and is therefore not included in the total flow calculation.

Table 43: Projected Sewer Flow (HCF)
City of San Fernando
Water and Sewer Rate Study 2019

Customer Class	2018/19	Projected				
		2019/20	2020/21	2021/22	2022/23	2023/24
Projected Growth		0.5%	0.5%	0.5%	0.5%	0.5%
Residential						
Single Family Residential	451,463	453,720	455,989	458,269	460,560	462,863
Multi Family Residential	140,129	140,829	141,533	142,241	142,952	143,667
Subtotal	591,592	594,549	597,522	600,510	603,512	606,530
Non-Residential						
Group II Commercial	68,396	68,738	69,082	69,427	69,774	70,123
Group III Commercial	10,982	11,037	11,092	11,147	11,203	11,259
Group IV Commercial	42,034	42,244	42,455	42,667	42,880	43,094
City Property	7,560	7,598	7,636	7,674	7,712	7,751
Industrial	81,132	81,538	81,946	82,356	82,768	83,182
Schools	24,322	24,444	24,566	24,689	24,812	24,936
Subtotal	234,426	235,599	236,777	237,960	239,149	240,345
Total (HCF)	826,018	830,148	834,299	838,470	842,661	846,875

8.4 Unit Cost Calculation

Table 44 presents the rate derivation for the fixed and quantity charges for Phase 1. The fixed rate for residential customers is derived by dividing the annual revenue requirement by the number of estimated residential dwelling units (Table 42) for each year. The fixed rate for non-residential customers is calculated in the same manner as the residential fixed rate. The unit or quantity charge is derived by multiplying the Flow, BOD, and SS Allocation Factors (Table 39) by the annual revenue requirement (Table 40) and dividing by the estimated water use for each commercial customer class. The rate derivation and unit cost calculations for Phase 2 are provided in Appendix B.

Table 44: PHASE 1 - Sewer Rate Derivation
City of San Fernando
Water and Sewer Rate Study 2019

	Phase 1				
	2019/20	2020/21	2021/22	2022/23	2023/24
SINGLE FAMILY RESIDENTIAL					
Revenue Requirement	\$1,801,523	\$1,846,788	\$1,893,117	\$1,940,512	\$1,988,971
# of Accounts	3,832	3,851	3,870	3,889	3,908
Bi-Monthly Fixed Charge	\$78.35	\$79.93	\$81.53	\$83.16	\$84.82
MULTI- FAMILY RESIDENTIAL					
Revenue Requirement	\$699,056	\$716,620	\$734,598	\$752,989	\$771,793
# of Accounts	2,031	2,041	2,051	2,061	2,071
Bi-Monthly Fixed Charge	\$57.37	\$58.52	\$59.69	\$60.89	\$62.11
NON-RESIDENTIAL					
Revenue Requirement	\$120,116	\$123,134	\$126,223	\$129,383	\$132,614
# of Accounts	613	615	617	619	621
Bi-Monthly Fixed Charge	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Unit Rates					
Group II Commercial	\$2.67	\$2.72	\$2.78	\$2.83	\$2.89
Group III Commercial	\$4.43	\$4.52	\$4.61	\$4.70	\$4.79
Group IV Commercial	\$6.54	\$6.67	\$6.80	\$6.94	\$7.08
City Property	\$2.32	\$2.36	\$2.41	\$2.46	\$2.51
Industrial	\$2.38	\$2.43	\$2.48	\$2.53	\$2.58
Schools (4)	\$1.71	\$1.75	\$1.78	\$1.82	\$1.86
Revenue Check					
Single Family Residential - Fixed Charges	\$1,801,423	\$1,846,863	\$1,893,127	\$1,940,455	\$1,988,859
Multi-Family Residential - Fixed Charges	\$699,111	\$716,636	\$734,545	\$752,966	\$771,779
Commercial - Fixed Charges	\$120,123	\$123,135	\$126,238	\$129,396	\$132,608
<u>Commercial - Unit Charges</u>	<u>\$762,187</u>	<u>\$781,354</u>	<u>\$801,214</u>	<u>\$821,234</u>	<u>\$842,137</u>
Total	\$3,382,845	\$3,467,988	\$3,555,124	\$3,644,051	\$3,735,384

8.5 Low Income Sewer Rate Assistance

In the past, the City provided a utility discount program for seniors which was phased-out. To comply with Proposition 218's cost of service requirements, sewer rate revenues from one group of customers cannot be used to subsidize the rates of another group. Instead, the City could utilize non-rate revenues associated with interest earnings and delinquent penalties to fund a new program. In FY2019/20, these revenues are estimated at about \$58,000 for the Sewer Fund. It is recommended that the City provide assistance to low income residents who meet the criteria of other local assistance programs such as Southern California Edison's CARE and FERA programs. This eliminates the administrative burden of the City developing its own low-income criteria.

Moreover, the low income discount program should be reviewed annually by the City to determine whether the Sewer Fund has adequate non-rate revenues to fund the program.

8.6 Options Comparison

Table 45 provides a comparison of current rates to the FY2019/20 rates developed under the two options.

Table 45: FY2020 Sewer Rate Comparison
City of San Fernando
Water and Sewer Rate Study 2019

	Current Rates	Proposed 2019/20 Rates	
		Phase 1 Main Replacements Only	Phase 2 Main Replacements Only
BI-MONTHLY FIXED CHARGES			
<u>Customer Class</u>			
Single Family Residential	\$65.40	\$78.35	\$81.41
Multi-Family Residential	\$65.40	\$57.37	\$59.60
Group II Commercial (1)	\$37.66	\$32.66	\$33.93
Group III Commercial (2)	\$37.66	\$32.66	\$33.93
Group IV Commercial (3)	\$37.66	\$32.66	\$33.93
City Property	\$37.66	\$32.66	\$33.93
Industrial	\$37.66	\$32.66	\$33.93
Schools (4)	\$37.66	\$32.66	\$33.93
Higher Education (4)	\$37.66	\$32.66	\$33.93
UNIT CHARGES (rate per hcf)			
<u>Customer Class</u>			
Group II Commercial (1)	\$1.89	\$2.67	\$2.77
Group III Commercial (2)	\$3.04	\$4.43	\$4.60
Group IV Commercial (3)	\$4.57	\$6.54	\$6.79
City Property	\$1.44	\$2.32	\$2.41
Industrial	\$1.44	\$2.38	\$2.47
Schools (4)	\$1.28	\$1.71	\$1.78
Higher Education (4)	\$1.28	\$1.71	\$1.78

SFR – single family residential; MFR – multi family residential

1 - Group II Commercial: auto parking, barber shop, car wash, church, commercial use, dental office/clinic, department & retail stores, film processing, food processing plant (industrial), health club/spa, hospitals, indoor theatre, laundromats, library: public ares, lumber yards, membership organizations, motion picture (studios), professional offices, social services, soft water service, theatre (cinema), and warehouse

2 - Group III Commercial: gas station (4 bays max), hotels/motels w/o restaurants, manufacturing, manufacturing (industrial), repair & service stations

3 - Group IV Commercial: bakeries (wholesale)/donut shop, banquet room/ball room, cafeteria, hotels/motels with restaurants, mortuary - embalming area, restaurants, supermarkets

4 - Charge per student

8.7 Proposed Sewer Rates

The five-year rate plan for both options is provided in Table 46 and Table 47. Detailed rate calculations for Phase 2 are included in Appendix B. For FY2019/20, the proposed rate adjustments in the cash flows do not directly correlate to the same increase in rates. The cost of service analysis reallocates the required revenue proportionate to each customer class' demand on the sewer system. Therefore, actual rate adjustments will vary between customer classes.

Table 46: PHASE 1 Five Year Sewer Rate Plan
City of San Fernando
Water and Sewer Rate Study 2019

	Current	Projected				
		2019/20	2020/21	2021/22	2022/23	2023/24
BI-MONTHLY FIXED CHARGES						
<u>Customer Class</u>						
Single Family Residential	\$65.40	\$78.35	\$79.93	\$81.53	\$83.16	\$84.82
Multi-Family Residential	\$65.40	\$57.37	\$58.52	\$59.69	\$60.89	\$62.11
Group II Commercial (1)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Group III Commercial (2)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Group IV Commercial (3)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
City Property	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Industrial	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Schools (4)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Higher Education (4)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
UNIT CHARGES (rate per hcf)						
<u>Customer Class</u>						
Group II Commercial (1)	\$1.89	\$2.67	\$2.72	\$2.78	\$2.83	\$2.89
Group III Commercial (2)	\$3.04	\$4.43	\$4.52	\$4.61	\$4.70	\$4.79
Group IV Commercial (3)	\$4.57	\$6.54	\$6.67	\$6.80	\$6.94	\$7.08
City Property	\$1.44	\$2.32	\$2.36	\$2.41	\$2.46	\$2.51
Industrial	\$1.44	\$2.38	\$2.43	\$2.48	\$2.53	\$2.58
Schools (4)	\$1.28	\$1.71	\$1.75	\$1.78	\$1.82	\$1.86
Higher Education (4)	\$1.28	\$1.71	\$1.75	\$1.78	\$1.82	\$1.86

SFR – single family residential; MFR – multi family residential

1 - Group II Commercial: auto parking, barber shop, car wash, church, commercial use, dental office/clinic, department & retail stores, film processing, food processing plant (industrial), health club/spa, hospitals, indoor theatre, laundromats, library: public ares, lumber yards, membership organizations, motion picture (studios), professional offices, social services, soft water service, theatre (cinema), and warehouse

2 - Group III Commercial: gas station (4 bays max), hotels/motels w/o restaurants, manufacturing, manufacturing (industrial), repair & service stations

3 - Group IV Commercial: bakeries (wholesale)/donut shop, banquet room/ball room, cafeteria, hotels/motels with restaurants, mortuary - embalming area, restaurants, supermarkets

4 - Charge per student

Table 47: PHASE 2 Five Year Sewer Rate Plan
City of San Fernando
Water and Sewer Rate Study 2019

	Current	Projected				
		2019/20	2020/21	2021/22	2022/23	2023/24
BI-MONTHLY FIXED CHARGES						
<u>Customer Class</u>						
Single Family Residential	\$65.40	\$81.41	\$86.31	\$91.51	\$97.02	\$102.86
Multi-Family Residential	\$65.40	\$59.60	\$63.19	\$67.00	\$71.03	\$75.31
Group II Commercial (1)	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Group III Commercial (2)	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Group IV Commercial (3)	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
City Property	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Industrial	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Schools (4)	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Higher Education (4)	\$37.66	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
UNIT CHARGES (rate per hcf)						
<u>Customer Class</u>						
Group II Commercial (1)	\$1.89	\$2.77	\$2.94	\$3.12	\$3.31	\$3.50
Group III Commercial (2)	\$3.04	\$4.60	\$4.88	\$5.17	\$5.48	\$5.81
Group IV Commercial (3)	\$4.57	\$6.79	\$7.20	\$7.63	\$8.09	\$8.58
City Property	\$1.44	\$2.41	\$2.55	\$2.71	\$2.87	\$3.04
Industrial	\$1.44	\$2.47	\$2.62	\$2.78	\$2.95	\$3.13
Schools (4)	\$1.28	\$1.78	\$1.89	\$2.00	\$2.12	\$2.25
Higher Education (4)	\$1.28	\$1.78	\$1.89	\$2.00	\$2.12	\$2.25

SFR – single family residential; MFR – multi family residential

1 - Group II Commercial: auto parking, barber shop, car wash, church, commercial use, dental office/clinic, department & retail stores, film processing, food processing plant (industrial), health club/spa, hospitals, indoor theatre, laundromats, library: public ares, lumber yards, membership organizations, motion picture (studios), professional offices, social services, soft water service, theatre (cinema), and warehouse

2 - Group III Commercial: gas station (4 bays max), hotels/motels w/o restaurants, manufacturing, manufacturing (industrial), repair & service stations

3 - Group IV Commercial: bakeries (wholesale)/donut shop, banquet room/ball room, cafeteria, hotels/motels with restaurants, mortuary - embalming area, restaurants, supermarkets

4 - Charge per student

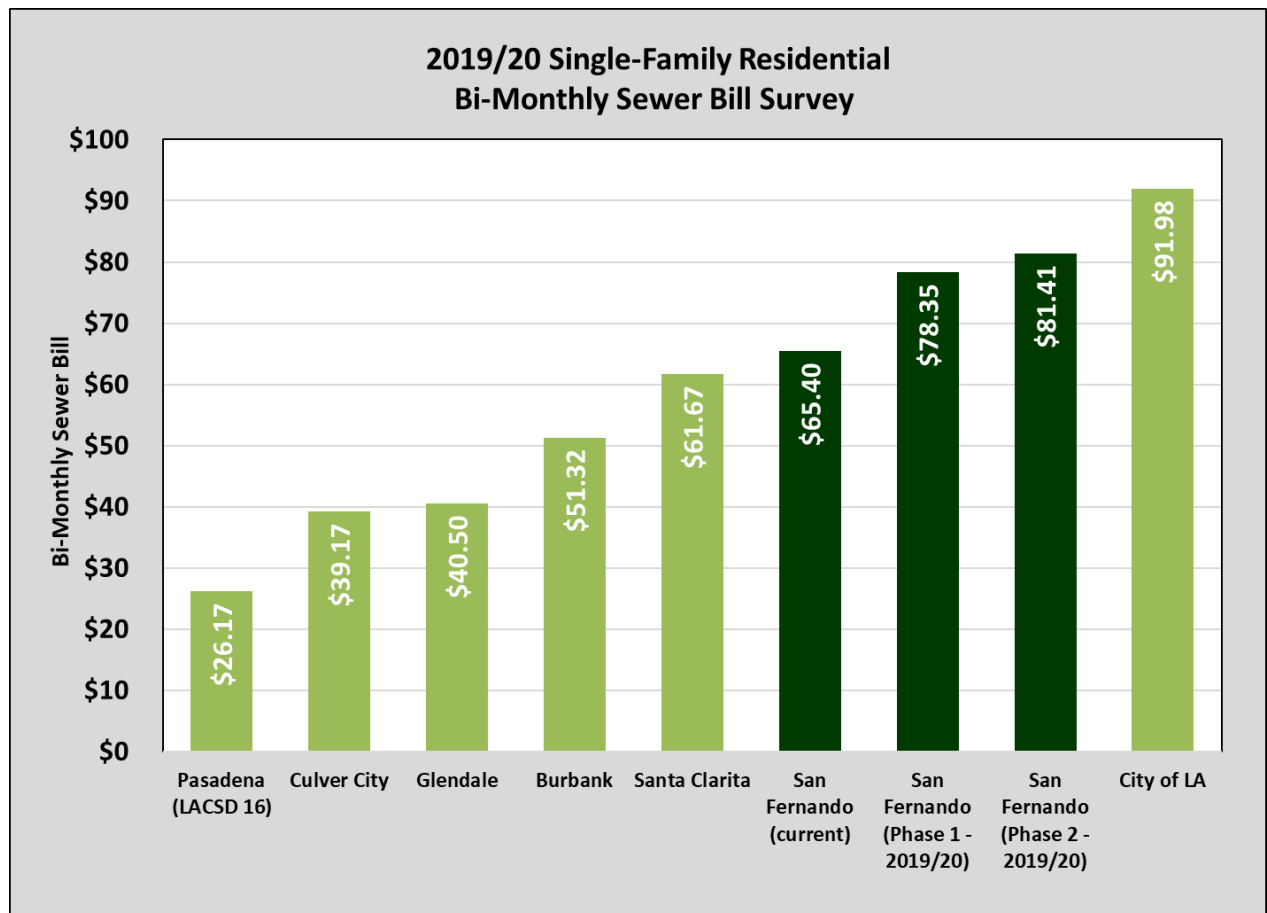
8.8 Bill Impacts

Table 48 provides a bill impact analysis for residential customers and a sample of sewer customers with varying levels of water use. It is important to note that water consumption levels may fluctuate each month. Therefore, non-residential customers will see a range of impacts throughout the year.

Table 48: Sample Sewer Bill Impacts
City of San Fernando
Water and Sewer Rate Study 2019

	Bi-Monthly Water Use (hcf)		PHASE 1					PHASE 2				
Example Customer		Current	2019/20	2020/21	2021/22	2022/23	2023/24	2019/20	2020/21	2021/22	2022/23	2023/24
RESIDENTIAL												
Single Family Residential		\$65.40	\$78.35	\$79.93	\$81.53	\$83.16	\$84.82	\$81.41	\$86.31	\$91.51	\$97.02	\$102.86
\$ Change			\$12.95	\$1.58	\$1.60	\$1.63	\$1.66	\$16.01	\$4.90	\$5.20	\$5.51	\$5.84
% Change			20%	2%	2%	2%	2%	24%	6%	6%	6%	6%
Multi-Family Residential		\$65.40	\$57.37	\$58.52	\$59.69	\$60.89	\$62.11	\$59.60	\$63.19	\$67.00	\$71.03	\$75.31
\$ Change			(\$8.03)	\$1.15	\$1.17	\$1.20	\$1.22	(\$5.80)	\$3.59	\$3.81	\$4.03	\$4.28
% Change			-12%	2%	2%	2%	2%	-9%	6%	6%	6%	6%
NON-RESIDENTIAL												
Group II Commercial												
Fixed Charge		\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Unit Charges	16	\$30.24	\$42.72	\$43.52	\$44.48	\$45.28	\$46.24	\$44.32	\$47.04	\$49.92	\$52.96	\$56.00
Total Bill		\$67.90	\$75.38	\$76.89	\$78.58	\$80.12	\$81.83	\$78.25	\$83.07	\$88.19	\$93.60	\$99.16
\$ Change			\$7.48	\$1.51	\$1.69	\$1.54	\$1.71	\$10.35	\$4.82	\$5.12	\$5.41	\$5.56
% Change			11%	2%	2%	2%	2%	15%	6%	6%	6%	6%
Group III Commercial												
Fixed Charge		\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Unit Charges	30	\$91.20	\$132.90	\$135.60	\$138.30	\$141.00	\$143.70	\$138.00	\$146.40	\$155.10	\$164.40	\$174.30
Total Bill		\$128.86	\$165.56	\$168.97	\$172.40	\$175.84	\$179.29	\$171.93	\$182.43	\$193.37	\$205.04	\$217.46
\$ Change			\$36.70	\$3.41	\$3.43	\$3.44	\$3.45	\$43.07	\$10.50	\$10.94	\$11.67	\$12.42
% Change			28%	2%	2%	2%	2%	33%	6%	6%	6%	6%
Group IV Commercial												
Fixed Charge		\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Unit Charges	80	\$365.60	\$523.20	\$533.60	\$544.00	\$555.20	\$566.40	\$543.20	\$576.00	\$610.40	\$647.20	\$686.40
Total Bill		\$403.26	\$555.86	\$566.97	\$578.10	\$590.04	\$601.99	\$577.13	\$612.03	\$648.67	\$687.84	\$729.56
\$ Change			\$152.60	\$11.11	\$11.13	\$11.94	\$11.95	\$173.87	\$34.90	\$36.64	\$39.17	\$41.72
% Change			38%	2%	2%	2%	2%	43%	6%	6%	6%	6%
City Property												
Fixed Charge		\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Unit Charges	50	\$72.00	\$116.00	\$118.00	\$120.50	\$123.00	\$125.50	\$120.50	\$127.50	\$135.50	\$143.50	\$152.00
Total Bill		\$109.66	\$148.66	\$151.37	\$154.60	\$157.84	\$161.09	\$154.43	\$163.53	\$173.77	\$184.14	\$195.16
\$ Change			\$39.00	\$2.71	\$3.23	\$3.24	\$3.25	\$44.77	\$9.10	\$10.24	\$10.37	\$11.02
% Change			36%	2%	2%	2%	2%	41%	6%	6%	6%	6%
Industrial												
Fixed Charge		\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Unit Charges	85	\$122.40	\$202.30	\$206.55	\$210.80	\$215.05	\$219.30	\$209.95	\$222.70	\$236.30	\$250.75	\$266.05
Total Bill		\$160.06	\$234.96	\$239.92	\$244.90	\$249.89	\$254.89	\$243.88	\$258.73	\$274.57	\$291.39	\$309.21
\$ Change			\$74.90	\$4.96	\$4.98	\$4.99	\$5.00	\$83.82	\$14.85	\$15.84	\$16.82	\$17.82
% Change			47%	2%	2%	2%	2%	52%	6%	6%	6%	6%
School												
Fixed Charge		\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Unit Charges	100	\$128.00	\$171.00	\$175.00	\$178.00	\$182.00	\$186.00	\$178.00	\$189.00	\$200.00	\$212.00	\$225.00
Total Bill		\$165.66	\$203.66	\$208.37	\$212.10	\$216.84	\$221.59	\$211.93	\$225.03	\$238.27	\$252.64	\$268.16
\$ Change			\$38.00	\$4.71	\$3.73	\$4.74	\$4.75	\$46.27	\$13.10	\$13.24	\$14.37	\$15.52
% Change			23%	2%	2%	2%	2%	28%	6%	6%	6%	6%

The figure below compares the City's current and proposed typical residential sewer bill with the bills of other local agencies.



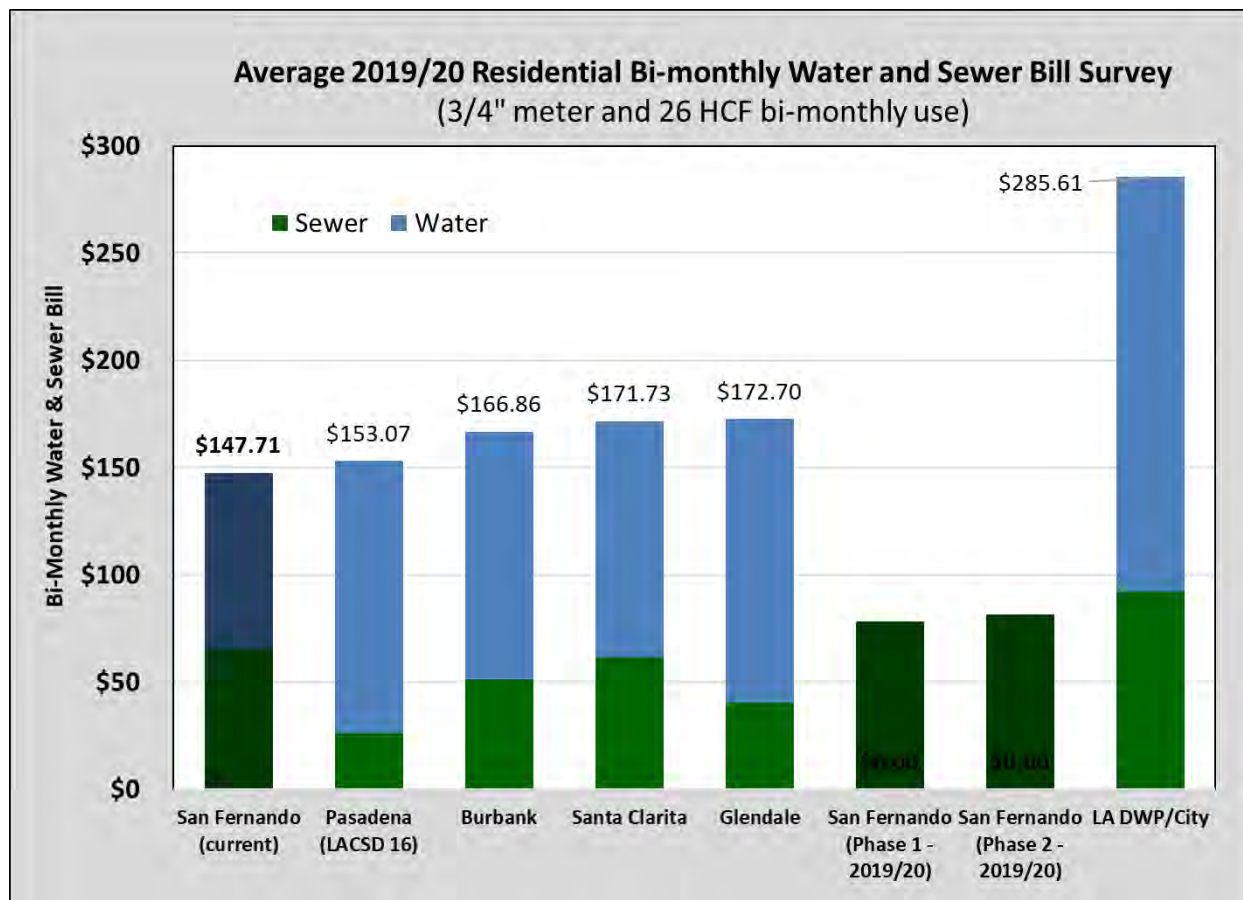
SECTION 9: CONCLUSIONS AND RECOMMENDATIONS

9.1 Rate Study Conclusions

The rates developed in this report were based on the best available information gathered from City billing data, audits, budgets, and input from staff and City Council. The cost allocations proposed herein are based on American Water Works Association methodologies and industry standard practice. The proposed rates are based on the reasonable cost of providing service and proportional to the benefits received by each customer. It is recommended that the City update its rates and cost of service every five years to account for cost increases, operational changes, and growth in the customer base.

9.2 Utility Bill Comparison

The figure below compares the City's current combined water and sewer bill with the bills of other local agencies.



APPENDIX A: Water Cost Allocation Table for Phase 2 Option

Table A1: PHASE 2 - Water Cost Allocation
Water Rate Study 2019
Water Rate Study 2019

Expenses	Budget 2019/20	Allocation Categories				Notes	Base	Extra	Cust. Serv.	Meters & Services
		Base	Extra	Cust. Serv.	Meters & Srvs					
Production	665,950	562,153	103,797	0	0	Avg/Max Day (2)	84%	16%	0%	0%
Distribution	118,500	100,030	18,470	0	0	Avg/Max Day (2)	84%	16%	0%	0%
Utility Billing	<u>264,439</u>	<u>0</u>	<u>0</u>	<u>264,439</u>	<u>0</u>		0%	0%	100%	0%
O&M Subtotal	1,048,889	662,184	122,266	264,439	0					
Administration	2,728,252	1,636,951	545,650	136,413	409,238		60%	20%	5%	15%
Capital (2)	<u>705,895</u>	<u>547,731</u>	<u>101,134</u>	<u>946</u>	<u>56,085</u>	5 yr composite	78%	14%	0.1%	8%
	3,434,148	2,184,683	646,784	137,358	465,322					
Total	4,483,036	2,846,866	769,051	401,797	465,322		64%	17%	9%	10%

1 - Five-year average from 2015/16 through 2019/20

2 - Based on the ratio of the peak bi-monthly period to the average bi-monthly period's water use

Table A2: PHASE 2 - Allocation to Fixed and Variable Cost Categories

City of San Fernando
Water Rate Study 2019

Categories	Base			Extra		
	Total Cost	Fixed	Variable	Total Cost	Fixed	Variable
Production (1)	562,153	26%	74%	103,797	26%	74%
Distribution	100,030	0%	100%	18,470	0%	100%
Utility Billing	<u>0</u>	<u>NA</u>	<u>NA</u>	<u>0</u>	<u>NA</u>	<u>NA</u>
O&M Subtotal	662,184	147,948	514,236	122,266	27,317	94,949
Composite		22%	78%		22%	78%
Administration	1,636,951	22%	78%	545,650	22%	78%
Capital	<u>547,731</u>	<u>50%</u>	<u>50%</u>	<u>101,134</u>	<u>50%</u>	<u>50%</u>
	2,184,683	639,601	1,545,082	646,784	172,479	474,306
Total	2,846,866	787,549	2,059,317	769,051	199,796	569,255
Cost Allocation		28%	72%		26%	74%

1 - Contractual services allocated to fixed

Table A3: PHASE 2 - Unit Cost Calculation
City of San Fernando
Water Rate Study 2019

	Base		Extra		Cust. Serv.	Meters & Services	Total
Cost Allocation	64%		17%		9%	10%	100%
FY2020 Rate	\$2,841,127.83		\$767,501		\$400,987	\$464,384	\$4,474,000
Revenue	Fixed	Variable	Fixed	Variable	Fixed	Fixed	
	28%	72%	26%	74%	100%	100%	
Cost	\$785,961	\$2,055,166	\$199,393	\$568,107	\$400,987	\$464,384	\$4,474,000
Billing Units	8,136	1,117,631	8,136	1,117,631	5,040	8,136	
	Meter Equiv.	HCF (1)	Meter Equiv.	HCF (2)	# of Accounts	Meter Equiv.	
Rate	\$16.10	\$1.84	\$4.08	\$0.51	\$13.26	\$9.51	
	\$/bimo/equiv.	\$/HCF	\$/bimo/equiv.	\$/HCF	\$/bimo/account	\$/bimo/equiv.	

Total Volume Rate	\$2.35	\$2,623,274	59%
Total Meter Equiv. Rate	\$29.69	\$1,449,739	32%
Total Customer Serv. Rate	\$13.26	\$400,987	9%

1 - 98% of calendar year 2018 water use. As rates change, customers may respond by consuming less water.

Table A4: PHASE 2 - 2019/20 Fixed Charge Calculation
City of San Fernando
Water Rate Study 2019

Meter Size	Unit Cost				Meters & Services, Fixed		Cust. Serv.	Total Fixed Charge
	Meter Ratio				Base-Extra			
5/8" and 3/4"	1.00	X	\$29.69	=	\$29.69	+	\$13.26	\$42.95
1"	2.50	X	\$29.69	=	\$74.23	+	\$13.26	\$87.49
1-1/2"	5.00	X	\$29.69	=	\$148.45	+	\$13.26	\$161.71
2"	8.00	X	\$29.69	=	\$237.52	+	\$13.26	\$250.78
3"	16.00	X	\$29.69	=	\$475.04	+	\$13.26	\$488.30
4"	25.00	X	\$29.69	=	\$742.25	+	\$13.26	\$755.51
6"	50.00	X	\$29.69	=	\$1,484.50	+	\$13.26	\$1,497.76

APPENDIX B: Sewer Cost Allocation Tables for Phase 2 Option

Table B1: PHASE 2 - Allocation of Revenue Requirements
City of San Fernando
Sewer Rate Study 2019

Customer Class	Total Allocation Factor	Phase 2: Revenue Requirement				
		2019/20	2020/21	2021/22	2022/23	2023/24
Revenue Requirement (1)		\$3,515,000	\$3,745,000	\$3,990,000	\$4,251,000	\$4,529,000
<u>Customer Class</u>						
Single Family Residential	53.3%	\$1,871,816	\$1,994,296	\$2,124,764	\$2,263,753	\$2,411,794
Multi-Family Residential	20.7%	\$726,332	\$773,859	\$824,485	\$878,418	\$935,863
Group II Commercial	7.0%	\$246,866	\$263,020	\$280,227	\$298,557	\$318,082
Group III Commercial	1.8%	\$62,215	\$66,286	\$70,623	\$75,242	\$80,163
Group IV Commercial	8.7%	\$304,915	\$324,867	\$346,120	\$368,760	\$392,876
City Property	0.6%	\$21,366	\$22,764	\$24,254	\$25,840	\$27,530
Industrial	6.7%	\$235,298	\$250,695	\$267,095	\$284,567	\$303,177
Schools	1.3%	\$46,190	\$49,213	\$52,432	\$55,862	\$59,515
Total	100.0%	\$3,648,000	\$3,745,000	\$3,990,000	\$4,251,000	\$4,529,000

1 - Because the new rates will go into effect on January 1 of each year, the City will only collect 6 months of revenue at the new rates. The revenue requirements shown here represents a full 12 months of revenues at the new rates, which is used for rate design purposes.

Table B2: PHASE 2 - Sewer Rate Derivation
City of San Fernando
Sewer Rate Study 2019

	Phase 2				
	2019/20	2020/21	2021/22	2022/23	2023/24
SINGLE FAMILY RESIDENTIAL					
Revenue Requirement	\$1,871,816	\$1,994,296	\$2,124,764	\$2,263,753	\$2,411,794
# of Accounts	3,832	3,851	3,870	3,889	3,908
Bi-Monthly Fixed Charge	\$81.41	\$86.31	\$91.51	\$97.02	\$102.86
MULTI- FAMILY RESIDENTIAL					
Revenue Requirement	\$726,332	\$773,859	\$824,485	\$878,418	\$935,863
# of Accounts	2,031	2,041	2,051	2,061	2,071
Bi-Monthly Fixed Charge	\$59.60	\$63.19	\$67.00	\$71.03	\$75.31
NON-RESIDENTIAL					
Revenue Requirement	\$124,802	\$132,969	\$141,667	\$150,934	\$160,805
# of Accounts	613	615	617	619	621
Bi-Monthly Fixed Charge	\$33.93	\$36.03	\$38.27	\$40.64	\$43.16
Unit Rates					
Group II Commercial	\$2.77	\$2.94	\$3.12	\$3.31	\$3.50
Group III Commercial	\$4.60	\$4.88	\$5.17	\$5.48	\$5.81
Group IV Commercial	\$6.79	\$7.20	\$7.63	\$8.09	\$8.58
City Property	\$2.41	\$2.55	\$2.71	\$2.87	\$3.04
Industrial	\$2.47	\$2.62	\$2.78	\$2.95	\$3.13
Schools (4)	\$1.78	\$1.89	\$2.00	\$2.12	\$2.25
Revenue Check					
Single Family Residential - Fixed Charges	\$1,871,779	\$1,994,279	\$2,124,862	\$2,263,865	\$2,411,861
Multi-Family Residential - Fixed Charges	\$726,286	\$773,825	\$824,502	\$878,357	\$935,802
Commercial - Fixed Charges	\$124,795	\$132,951	\$141,676	\$150,937	\$160,814
Commercial - Unit Charges	\$791,232	\$843,506	\$898,916	\$958,144	\$1,020,621
Total	\$3,514,090	\$3,744,560	\$3,989,955	\$4,251,303	\$4,529,098

RESOLUTION NO. 7963

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
SAN FERNANDO, CALIFORNIA, ESTABLISHING NEW WATER
SERVICE RATES**

WHEREAS, the City Council of the City of San Fernando ("City Council") at its Regular Meeting of September 16, 2019 approved the findings of that certain water rate study for the proposed increase of water rates in the City of San Fernando ("City") entitled "City of San Fernando Water and Sewer Rate Study" and dated September 9, 2019 (hereinafter, the "Approved Rate Study"); and

WHEREAS, the City Council at the same Regular Meeting of November 18, 2019 also authorized the conduct of a majority-protest public hearing in accordance with Article XIID of the California Constitution for the consideration and approval of property-related fees and charges; and

WHEREAS, based on the findings of the water and sewer rate study recently completed, water rate adjustments is necessary to ensure sufficient operation of and maintenance, repairs and improvements to the City's water infrastructure; and

WHEREAS, the approved rate adjustments will help ensure the health and safety of the community while protecting the City's financial stability as well as being sensitive to the impacts on the rate payers; and

WHEREAS, San Fernando's Municipal Code authorizes the City Council to amend water service rates by resolution; and

WHEREAS, the City Council conducted a duly noticed majority-protest public hearing on November 18, 2019 as required by Article XIID of the California Constitution and has received written protests from ratepayers and property owners and has also considered comments and input from interested parties; and

WHEREAS, forty-five days prior to the public hearing, the proposed rater were noticed to all water customers; and

WHEREAS, under the majority-protest public hearing process, if written protests in opposition to a rate increase are submitted on behalf of more than 50% of the real property parcels that are eligible to have a written protest submitted on their behalf by or before the end of the public comment/protest portion of the majority protest public hearing, the rate increase cannot be approved; and

WHEREAS, of the 5040 customer accounts in the City for which written protests in opposition to the rate increase, the City received 9 protests by the close of the public comment/protest portion of the majority-protest proceedings of November 18, 2019; and

WHEREAS, the City received written protests in opposition to the proposed rate increase by less than 50% of the total number of real property parcels in the City for which written protests could be submitted; and

WHEREAS, the City Council deems it to be in the best public interest to establish new rates for 2020 through 2025; and

WHEREAS, Section (a) of Government Code Section 53759 allows the City to adopt the schedule of rates and inflationary adjustments for a period of up to five years; and

WHEREAS, Section (d) of Government Code Section 53759 requires notice of any adjustment pursuant to the rate schedule shall be given no less than 30 days before the effective date of the adjustment; and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF SAN FERNANDO DOES HEREBY RESOLVE, FIND, DETERMINE, AND ORDER AS FOLLOWS:

1. FINDINGS:

- a. The foregoing recitals are true and correct; and
- b. The adjusted water rates implemented by this resolution have been fixed in an amount sufficient to pay the operating expenses of the City's water utility operations and provide for repair, improvement, and replacement of water system works and facilities; and
- c. The adjusted water rates are reasonably related to, and do not exceed, the City's cost of providing the particular utility service; and
- d. The revenues derived from the rates do not exceed the funds required to provide the water utility service and shall not be used for any general fund purpose or purpose other than the water utility enterprise; and
- e. The amount of water rates imposed on each user does not exceed the proportional cost of the user's service; and
- f. The City Council has conducted a duly noticed public hearing on the proposed rate adjustment in accordance with California Constitution Article XIII D, and the City Council did not receive a majority protest against the proposed adjustment.
- g. The City Council reaffirms its approval of the Approved Water Rate Study and the findings set forth therein.

- 2. WATER SERVICE RATES AND CHARGES.** The City Council hereby approves and levies the rates for City water service as shown below:

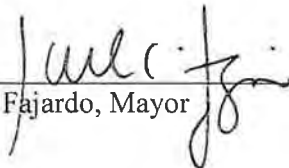
Approved Water Service Rates

	Current Rates	PROPOSED WATER RATES				
		Jan 1, 2020	Jan 1, 2021	Jan 1, 2022	Jan 1, 2023	Jan 1, 2024
FIXED METER CHARGES						
Meter Size						
5/8" and 3/4"	\$37.37	\$40.11	\$42.11	\$47.96	\$51.80	\$55.94
1"	\$63.93	\$83.53	\$90.24	\$97.45	\$105.25	\$113.66
1-1/2"	\$108.20	\$154.23	\$166.61	\$179.92	\$194.32	\$209.86
2"	\$161.32	\$239.07	\$258.26	\$278.89	\$301.21	\$325.30
3"	\$302.99	\$465.31	\$502.66	\$542.81	\$586.25	\$633.14
4"	\$462.37	\$719.83	\$777.61	\$839.72	\$906.92	\$979.46
6"	\$905.07	\$1,426.83	\$1,541.36	\$1,664.47	\$1,797.67	\$1,941.46
COMMODITY CHARGES ¹ (per HCF ²)						
Single & Multi-Family Residential						
Tier 1: 0 - 18 hcf	\$1.31	\$2.10	\$2.40	\$2.66	\$2.87	\$3.10
Tier 2: 19 - 36 hcf	\$2.67	\$2.10	\$2.40	\$2.66	\$2.87	\$3.10
Tier 3: Over 36 hcf	\$3.56	\$2.10	\$2.40	\$2.66	\$2.87	\$3.10
Non-Residential	\$2.38	\$2.10	\$2.40	\$2.66	\$2.87	\$3.10

1. One hundred cubic feet (HCF) equals 748 gallons.

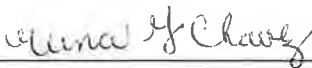
3. **SUBSEQUENT ADJUSTMENTS.** The new billing rates will commence the first billing period after January 1, 2020. The water service rates shall be adjusted, as shown above, annually over the next four years on January 1st.
4. **SUPERSEDED EARLIER RATES.** This resolution shall amend and supersede the water service rates and charges of all previous resolutions.
5. This Resolution shall take effect immediately upon its approval by the City Council, however, the rate increase contemplated under this Resolution shall go into effect until January 1, 2020. The City Clerk shall certify the approval of this Resolution.

PASSED, APPROVED, AND ADOPTED this 26th day of November, 2019.



 Joel Fajardo, Mayor

ATTEST:



 Elena G. Chávez, City Clerk

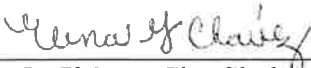
STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss
CITY OF SAN FERNANDO)

I HEREBY CERTIFY that the foregoing Resolution was approved and adopted at a regular meeting of the City Council held on the 26th day of November, 2019, by the following vote to wit:

AYES: Fajardo, Ballin, Gonzales, Mendoza – 4

NOES: None

ABSENT: Pacheco – 1



Elena G. Chávez, City Clerk

Sec. 94-265. - Installation and capital facility charges.

The following installation charges and capital facility charges are hereby established, and shall be charged and collected by the city for making all water connections for consumers situated within the city, and said rates shall be paid before such connections are made. In the case of service connections larger than one inch, the installation charges listed below shall constitute deposits against the actual cost of the labor, materials and equipment plus 35-percent overhead expended by the city in the installation. Upon the completion of such work, said actual cost, including overhead, shall be deducted from the paid deposit, and any excess or the deposit over such cost shall be refunded. In the event the actual cost, including overhead, exceeds such deposit, the applicant for such service connection shall, upon demand, pay the same to the city, and for failure to pay such excess to the city, the city shall have the right to refuse water service through such meter and to turn the water service off and/or disconnect the same.

(1) The installation charges and capital facility charges shall be as follows:

User classification	Water meter size (in inches)	Capital facility charge	Installation charge or deposit	Total connection charge
Residential (per dwelling unit)	¾	\$945.00	\$1,821.00	\$2,766.00
Commercial/institutional/industrial (water meter size):	1	\$1,578.00	\$1,885.00	\$3,463.00
	1½	\$3,156.00	\$2,732.00	\$5,888.00
	2	\$5,050.00	\$3,105.00	\$8,155.00
	3	\$9,444.00	\$6,210.00	\$15,654.00
	4	\$16,810.00	\$9,688.00	\$26,498.00
	6	\$22,693.00	\$13,165.00	\$35,858.00
	8 and over	\$36,309.00	\$16,643.00	\$52,952.00
Fire service connection, un-metered (one-third of metered service plus installation):	Fire Service Line size (in inches)			
	2	\$1,663.00	\$2,870.00	\$4,533.00
	3	\$3,119.00	\$5,739.00	\$8,858.00
	4	\$5,198.00	\$8,954.00	\$14,152.00
	6	\$10,395.00	\$12,168.00	\$22,563.00
	8 and over	\$16,623.00	\$15,383.00	\$32,006.00

(2) The fire hydrant installation charges are as follows:

- a. Change fire hydrant top. Remove single hydrant and install 4-inch by 4-inch or 4-inch by 2 1/2-inch double wet-barrel fire hydrant \$1,501.00
- b. New 6-inch wet-barrel fire hydrant 4-inch by 4-inch or 4-inch by 2 1/2-inch, including 6-inch gate valve, 6-inch lateral and appurtenances, connection to existing main: \$6,946.00

For service connections and installations wherein a deposit is required, the actual cost of labor, equipment and materials plus 35-percent overhead shall be computed after completion of the work. The cost shall be deducted from the deposit, and any excess of the deposit over such cost shall be refunded to the person originally making such deposit. If the aggregate cost including city overhead exceeds such deposit, the applicant for such service connection shall, upon demand, pay the additional amount to the city. For failure to pay such excess to the city, the city shall have the right to refuse water service through such meter and turn the water off and/or disconnect the water.

RESOLUTION NO. 7964

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN FERNANDO, CALIFORNIA, ESTABLISHING NEW SEWER SERVICE RATES

WHEREAS, the City Council of the City of San Fernando ("City Council") at its Regular Meeting of September 16, 2019 approved the findings of that certain water rate study for the proposed increase of water rates in the City of San Fernando ("City") entitled "City of San Fernando Water and Sewer Rate Study" and dated September 9, 2019 (hereinafter, the "Approved Rate Study"); and

WHEREAS, the City Council at the same Regular Meeting of November 18, 2019 also authorized the conduct of a majority-protest public hearing in accordance with Article XIID of the California Constitution for the consideration and approval of property-related fees and charges; and

WHEREAS, based on the findings of the water and sewer rate study recently completed, a sewer rate adjustment is necessary to ensure sufficient operation of and maintenance, repairs and improvements to the City's sewer infrastructure; and

WHEREAS, the approved rate adjustments will help ensure the health and safety of the community while protecting the City's financial stability as well as being sensitive to the impacts on the rate payers; and

WHEREAS, San Fernando's Municipal Code authorizes the City Council to amend sewer service rates by resolution; and

WHEREAS, the City Council conducted a duly noticed majority-protest public hearing on November 18, 2019 as required by Article XIID of the California Constitution and has received written protests from ratepayers and property owners and has also considered comments and input from interested parties; and

WHEREAS, forty-five days prior to the public hearing, the proposed rates were noticed to all sewer customers; and

WHEREAS, under the majority-protest public hearing process, if written protests in opposition to a rate increase are submitted on behalf of more than 50% of the real property parcels that are eligible to have a written protest submitted on their behalf by or before the end of the public comment/protest portion of the majority protest public hearing, the rate increase cannot be approved; and

WHEREAS, of the 6044 customer accounts in the City for which written protests in opposition to the rate increase, the City received 9 protests by the close of the public comment/protest portion of the majority-protest proceedings of November 18, 2019; and

WHEREAS, the City received written protests in opposition to the proposed rate increase by less than 50% of the total number of real property parcels in the City for which written protests could be submitted; and

WHEREAS, the City Council deems it to be in the best public interest to establish new rates for 2020 through 2025; and

WHEREAS, Section (a) of Government Code Section 53759 allows the City to adopt the schedule of rates and inflationary adjustments for a period of up to five years; and

WHEREAS, Section (d) of Government Code Section 53759 requires notice of any adjustment pursuant to the rate schedule shall be given no less than 30 days before the effective date of the adjustment; and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF SAN FERNANDO DOES HEREBY RESOLVE, FIND, DETERMINE, AND ORDER AS FOLLOWS:

1. FINDINGS:

- a. The foregoing recitals are true and correct; and
- b. The adjusted sewer rates implemented by this resolution have been fixed in an amount sufficient to pay the operating expenses of the City's sewer utility operations and provide for repair, improvement, and replacement of sewer system works and facilities; and
- c. The adjusted sewer rates are reasonably related to, and do not exceed, the City's cost of providing the particular utility service; and
- d. The revenues derived from the rates do not exceed the funds required to provide the sewer utility service and shall not be used for any general fund purpose or purpose other than the sewer utility enterprise; and
- e. The amount of sewer rates imposed on each user does not exceed the proportional cost of the user's service; and
- f. The City Council has conducted a duly noticed public hearing on the proposed rate adjustment in accordance with California Constitution Article XIII D, and the City Council did not receive a majority protest against the proposed adjustment.
- g. The City Council reaffirms its approval of the Approved Water Rate Study and the findings set forth therein.

2. **SEWER SERVICE RATES AND CHARGES.** The City Council hereby approves and levies the rates for City sewer service as shown below:

Approved Sewer Service Rates

	Current Rates	PROPOSED BI-MONTHLY SEWER RATES				
		Jan 1, 2020	Jan 1, 2021	Jan 1, 2022	Jan 1, 2023	Jan 1, 2024
FIXED CHARGES						
<u>Customer Class</u>						
Single Family Residential	\$65.40	\$72.59	\$79.93	\$81.53	\$83.16	\$84.82
Multi-Family Residential	\$65.40	\$57.37	\$58.52	\$59.69	\$60.89	\$62.11
Group II Commercial (1)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Group III Commercial (2)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Group IV Commercial (3)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
City Property	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Industrial	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Schools (4)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
Higher Education (4)	\$37.66	\$32.66	\$33.37	\$34.10	\$34.84	\$35.59
VOLUME CHARGES (per HCF)						
<u>Customer Class</u>						
Group II Commercial (1)	\$1.89	\$2.67	\$2.72	\$2.78	\$2.83	\$2.89
Group III Commercial (2)	\$3.04	\$4.43	\$4.52	\$4.61	\$4.70	\$4.79
Group IV Commercial (3)	\$4.57	\$6.54	\$6.67	\$6.80	\$6.94	\$7.08
City Property	\$1.44	\$2.32	\$2.36	\$2.41	\$2.46	\$2.51
Industrial	\$1.44	\$2.38	\$2.43	\$2.48	\$2.53	\$2.58
Schools (4)	\$1.28	\$1.71	\$1.75	\$1.78	\$1.82	\$1.86
Higher Education (4)	\$1.28	\$1.71	\$1.75	\$1.78	\$1.82	\$1.86

Note: One hundred cubic feet (HCF) equals 748 gallons.

1 - Group II Commercial: auto parking, barber shop, car wash, church, commercial use, dental office/clinic, department & retail stores, film processing, food processing plant (industrial), health club/spa, hospitals, indoor theatre, laundromats, library: public ares, lumber yards, membership organizations, motion picture (studios), professional offices, social services, soft water service, theatre (cinema), and warehouse

2 - Group III Commercial: gas station (4 bays max), hotels/motels w/o restaurants, manufacturing, manufacturing (industrial), repair & service stations

3 - Group IV Commercial: bakeries (wholesale)/donut shop, banquet room/ball room, cafeteria, hotels/motels with restaurants, mortuary - embalming area, restaurants, supermarkets

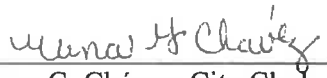
4 - Charge per student

3. **SUBSEQUENT ADJUSTMENTS.** The new billing rates will commence the first billing period after January 1, 2020. The sewer service rates shall be adjusted, as shown above, annually over the next four years on January 1st.
4. **SUPERSED EARLIER RATES.** This resolution shall amend and supersede the sewer service rates and charges of all previous resolutions.
5. This Resolution shall take effect immediately upon its approval by the City Council, however, the rate increase contemplated under this Resolution shall go into effect until January 1, 2020. The City Clerk shall certify the approval of this Resolution.

PASSED, APPROVED, AND ADOPTED this 26th day of November, 2019.


Joel Fajardo, Mayor

ATTEST:


Elena G. Chávez, City Clerk

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss
CITY OF SAN FERNANDO)

I HEREBY CERTIFY that the foregoing Resolution was approved and adopted at a regular meeting of the City Council held on the 26th day of November, 2019, by the following vote to wit:

AYES: Fajardo, Ballin, Gonzales, Mendoza – 4

NOES: None

ABSENT: Pacheco – 1


Elena G. Chávez, City Clerk

ORDINANCE NO. 1570

AN ORDINANCE OF THE CITY OF SAN FERNANDO AMENDING PORTIONS OF CHAPTER 94, UTILITIES, TO INCREASE SEWER CAPITAL FACILITY CHARGES

THE CITY COUNCIL OF THE CITY OF SAN FERNANDO DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. Section 94-61 (Schedule of capital facilities for sewer connections) of the Municipal Code is hereby amended to read in its entirety as follows:

Sec. 94-61. Schedule of capital facilities charges for sewer connections.

(a) *Schedule.* The following schedule of capital facility charges imposed pursuant to section 94-29 of this article is adopted:

User Classification	Unit of Usage	Fee
GROUP I RESIDENTIAL:		
Typical Domestic (3 bedrm SFR)	Unit	\$ 1,798
Residential (boarding house)	Bed	586
Residential Apt. (bachelor)	Dwelling unit	625
Residential Apt. (1 bedroom)	Dwelling unit	938
Residential Apt. (2 bedroom)	Dwelling unit	1,251
Residential Apt. (3 bedroom)	Dwelling unit	1,564
Residential Apt. (<3 bedroom)	Additional bedroom	313
Residential Condo (1 bedroom)	Dwelling unit	938
Residential Condo (2 bedroom)	Dwelling unit	1,251
Residential Condo (3 bedroom)	Dwelling unit	1,564
Residential Condo (<3 bedroom)	Additional bedroom	313
Residential Duplex/Townhouse/SFD (1 bedroom)	Dwelling unit	1,016
Residential Duplex/Townhouse/SFD (2 bedroom)	Dwelling unit	1,407
Residential Duplex/Townhouse/SFD (3 bedroom)	Dwelling unit	1,798
Residential Duplex/Townhouse/SFD (<3 bedroom)	Additional bedroom	391
Residential Rm. Addition (bedroom)	Bedroom	391
Residential Room Conversion into a Bedroom	Bedroom	391
Residential Mobile Home	Dwelling unit	1,251
Residential, Artist (2/3 area)	1,000 gr. sq. ft.	625
Residential, Artist Residence	Dwelling unit	625
Residential Guest Home (without kitchen)	Bedroom	313
Rest Home	Bed	520
Mortuary--Living Area	1,000 sq. ft.	577

User Classification	Unit of Usage	Fee
GROUP II COMMERCIAL		
Auto Parking	1,000 sq. ft.	132
Barber Shop	1,000 sq. ft.	659
Beauty Parlor	1,000 sq. ft.	1,847
Car Wash (1) (2)	Calculated individually based on flow & Strength	
Church	Fixed Seat	27
Commercial Use	1,000 sq. ft.	527
Dental Office/Clinic	1,000 sq. ft.	1,539
Department & Retail Stores	1,000 sq. ft.	527
Film Processing (1 hr. photo)	1,000 sq. ft.	659
Food Processing Plant (industrial)	Calculated individually based on flow & Strength	
Health Club/Spa	1,000 sq. ft.	5274
Hospitals	Bed	518
Indoor Theatre	Seat.	26
Laundromats	Calculated individually based on flow & Strength	
Laundromats	Machine	1,089
Library: Public Area	1,000 sq. ft.	527
Lumber Yard	Calculated individually based on flow & Strength	
Membership Organizations	1,000 sq. ft.	527
Motion Pictures (studios)	1,000 sq. ft.	527
Professional Offices	1,000 sq. ft.	923
Social Services	1,000 sq. ft.	923
Soft Water Service	1,000 sq. ft.	923
Theatre, cinema	Seat	26
Warehouse	1,000 sq. ft.	132
GROUP III COMMERCIAL		
Gas Station (4 bays max)	Per station	3,165
Hotels-Motels (w/o restaurants)	Room	953
Manufacturing	Calculated individually based on flow & Strength	
Manufacturing (industrial)	Calculated individually based on flow & Strength	
Repair and Service Stations	1,000 sq. ft.	3,164
GROUP IV COMMERCIAL		
Bakeries (wholesale)/Doughnut Shop	1,000 sq. ft.	3,772
Banquet Room/Ball Room	1,000 sq. ft.	10,777
Cafeteria	Seat	404

User Classification	Unit of Usage	Fee
Doughnut Shop	1,000 sq. ft.	3,772
Hotels-Motels (w/restaurants)(3)		
Mortuary--Embalming Area	Calculated individually based on flow & Strength	
Restaurants, take-out	1,000 sq. ft.	4,042
Restaurants (drive-in, fast food)	Seat	270
Restaurants (fast food, outdoor seat)	Seat	162
Restaurants (full serve, indoor seat)	Seat	404
Restaurants (full serve, outdoor seat)	Seat	243
Supermarkets	x flow (gpd)	
GROUP V INSTITUTIONAL		
Church School Day Care/Elem.	Occupant	50
Church School (1 day use)	1,000 sq. ft.	1,250
Schools: Elementary/Junior	Student	50
Schools: High	Student	75
GROUP VI LARGE VOLUME USERS		Calculated individually based on flow & Strength

- (1) L.A. bills by average process flow
- (2) Car wash area is the tunnel area and restaurant area is the gross customer area.
- (3) Calculated separately as motel and restaurant.

(b) *Purpose.* The purpose of this fee is for sewage treatment; the collected fee shall be used to increase treatment capacity and lines for city residents. There is a direct relationship between the use of the fee and the type of development described above and between the need for facility and type of project in that houses and commercial and industrial facilities need sewage treatment. The relationship between the amount of the fee and the cost of the portion of the facility attributed to the development as described above is set forth in the Wastewater Rate Study dated June 28, 2004 prepared by the Public Works Director which was based on the September 14, 1999 Wastewater Rate Study prepared by Black & Veach Corporation, Consulting Engineers, and which is on file in the office of the City Engineer.

(c) *Rate Adjustment.* On July 1, 2006 and on 1 July of each year thereafter, the rates shall automatically increase based on fees payable to the City of Los Angeles per the contract between the City and the City of San Fernando. The increases shall be cumulative and include the City of San Fernando portion of capital facilities charges calculated to be 34.79% above the payable amount due to the City of Los Angeles. Therefore, the Schedule of Capital Facilities Charges for Sewer Connections detailed in subsection (a) should be adjusted to reflect the annual increase in payment due to the City of Los Angeles. This adjustment is independent and may be applied in addition to any other applicable adjustment.



ANNUAL FEE SCHEDULE FY 2023/2024

WWW.SFCITY.ORG



FY 2023/24 ANNUAL FEE SCHEDULE

V. PUBLIC WORKS DEPARTMENT

- Any services provided by the Public Works Department not listed below shall be charged at the actual cost to provide services
- Processing and Review fees are non-refundable. These fees include administrative and engineering staffing costs. After six months, all other fees are non-refundable per Section 2-681 of the San Fernando City Code.
- For more complex events or permits, staff will prepare a cost estimate based on the fee schedule.
- Base fees are typical staff time, materials required, and market rate for consultant costs.
- Inspections, which require additional staff time shall require payment of additional fee, based on actual labor cost.
- Fees are due paid in full upon issuance of permit, prior to start of work or event.

A. ENCROACHMENT PERMIT (Dumpster or Other)

#	Description	Base Fee	Unit	Conditions	Authority
1	Dumpster For Residential Area	114.95	Lump Sum	Permit Good For A Maximum Of 14 Days	SF Resolution 8233
2	Dumpster For Commercial Area	123.15	Lump Sum	Permit Good For A Maximum Of 14 Days	SF Resolution 8233
3	Right-of-Way Encroachments				SF Resolution 8233
3a	Sidewalk – 30 Days	122.00	Per Each Block Side		SF Resolution 8233
3b	Street Closure Without Traffic Signals	645.15	Per Block/ Per Day		SF Resolution 8233
3c	Street Closure With Traffic Signals	991.20	Per Block/ Per Day		SF Resolution 8233
3d	Parking Stall, No Meter	5.00 (if applicable) + Staff Cost	Per Stall	Includes Parking Lot Maintenance Fee; See Section L. Professional Services for Staff Cost (time involved determined on case-by-case basis)	SF Resolution 8233
3e	Parking Stall, Metered	Loss of Meter Revenue + 5.00 (if applicable) + Staff Cost	Per Stall	Includes Loss of Meter Revenue + Parking Lot Maintenance Fee; See Section L. Professional Services for Staff Cost (time involved determined on case-by-case basis)	SF Resolution 8233
3f	Parking Stall, Construction	279.15	Each	Plus Cost of Traffic Delineators and Temporary No Parking Signs	SF Resolution 8233
4	A-Frame Annual Permit	351.90	Each		SF Resolution 8233
5	A-Frame Permit Fee	122.00	Each		SF Resolution 8233
6	Expedite Fee; Engineering	319.05	Each		SF Resolution 8233

B. HOUSE MOVING/ WIDE LOAD PERMIT

#	Description	Base Fee	Unit	Conditions	Authority
1	House Moving / Wide Load Permit	191.20	Each	Additional Costs for Police, Road Closure or Utilities Relocation may also be required	SF Resolution 8233



FY 2023/24 ANNUAL FEE SCHEDULE

V. PUBLIC WORKS DEPARTMENT

C. CERTIFICATE OF SEWER CONNECTION/SEWER DYE TEST					
#	Description	Base Fee	Unit	Conditions	Authority
1	Certificate Of Sewer Connection/Sewer Dye Test	457.45	Each	Minimum fee for Staff Review and Testing to Verify Connections and Leaks.	SF Resolution 8233
D. DRAIN SWIMMING POOL					
#	Description	Base Fee	Unit	Conditions	Authority
1	Drain Swimming Pool	347.20	Lump Sum	Minimum Fee for Staff Review and Testing	SF Resolution 8233
E. CONSTRUCTION INSPECTION					
#	Description	Base Fee	Unit	Conditions	Authority
1	Sidewalk, Driveway Approaches; Processing and Review Fee for Construction Permit	191.20			SF Resolution 8233
2	Curb And Gutter				
2a	Processing and Review Fee for Construction Permit	281.50	Each	Includes One Hour Inspection Time	SF Resolution 8233
2b	Residential	159.55	Hour	When More Than One Hour Inspection Time is Needed	SF Resolution 8233
2c	Commercial	159.55	Hour	When More Than One Hour Inspection Time is Needed	SF Resolution 8233
3	Curb Drain	4.90	Linear Foot		SF Resolution 8233
4	Expedite Fee; Engineering	319.05	Each		SF Resolution 8233
F. UTILITY TRENCH EXCAVATION					
#	Description	Base Fee/Fine	Unit	Conditions	Authority
1	Review For Utility Trench Work	362.45	Lump Sum	Minimum Inspection Fee; Includes One Hour Inspection Time	SF Resolution 8233
2	Processing Utility Trench Permit	122.00	Each		SF Resolution 8233
3	Inspection For Utility Trenches	281.50	Hour	Includes One Hour Inspection	SF Resolution 8233
4	Inspection For Utility Tranches; Additional Hours	159.55	Hour	When More Than One Hour Inspection Time is Needed	SF Resolution 8233
5	Expedite Fee; Engineering	319.05	Each		SF Resolution 8233
G. SEWER HOUSE CONNECTION/REPAIR					
#	Description	Base Fee	Unit	Conditions	Authority
1	Processing/Review for Sewer Connection/Repair	266.25	Lump Sum		SF Resolution 8233
2	Inspection	768.30	Flat		SF Resolution 8233
3	Expedite Fee; Engineering	319.05	Each		SF Resolution 8233



FY 2023/24 ANNUAL FEE SCHEDULE

V. PUBLIC WORKS DEPARTMENT

H. FINAL PARCEL MAP

#	Description	Base Fee	Unit	Conditions	Authority
1	Plan Check Fee	4,485.00	N/A	Minimum Fee Based on Typical Consultant Cost Plus Staff Cost. If City's Actual Costs Exceeds \$3,200, Actual Consultant Fee Will Be Paid Prior to Final Recordation	SF Resolution 8233
2	Additional Fee	310.50	Each	Per Lot	SF Resolution 8233

I. FINAL TRACT MAP

#	Description	Base Fee	Unit	Conditions	Authority
1	Plan Check Fee	5,635.00	N/A	Minimum Fee; If City's Cost Exceeds, Actual Consultant Fee Will Be Paid Prior To Final Recordation	SF Resolution 8233
2	Additional Fee	310.50	Each	Per Lot	SF Resolution 8233

J. PUBLICATION VENDING MACHINES / NEWS RACK

#	Description	Base Fee	Unit	Conditions	Authority
1	Annual Permit Fee	28.75	Each		SF Resolution 8233
2	Inspection Fee	159.55	Each	Inspection Fee For New Installation Of Machine/News Rack. Includes first annual permit	SF Resolution 8233

K. PUBLIC WORKS IMPROVEMENT PLAN CHECK / REPORT

#	Description	Base Fee	Unit	Conditions	Authority
1	Grading Plan Check For Residential Development	586.50		Minimum Fee	SF Resolution 8233
2	Grading Plan Check For Commercial Development	978.65		Minimum Fee	SF Resolution 8233
3	Site Plan Check List Fee	1,636.45			SF Resolution 8233

L. PROFESSIONAL SERVICES

#	Description	Rate with Benefits	Unit				Authority
1	Public Works Director/City Engineer	199.40	Hour				SF Resolution 8233
4	Management Analyst	127.85	Hour				SF Resolution 8233
5	Civil Engineer Assistant II	211.15	Hour				SF Resolution 8233
6	Office Specialist	172.45	Hour				SF Resolution 8233
7	Public Works Superintendent	163.05	Hour				SF Resolution 8233
8	Public Works Field Supervisor II	141.95	Hour				SF Resolution 8233
9	Public Works Field Supervisor I	129.05	Hour				SF Resolution 8233
10	Senior Maintenance Worker	144.30	Hour				SF Resolution 8233
11	Public Works Administrative Coordinator	132.55	Hour				SF Resolution 8233
12	Public Works Office Specialist	199.40	Hour				SF Resolution 8233
13	Public Works Maintenance Worker	127.85	Hour				SF Resolution 8233



FY 2023/24 ANNUAL FEE SCHEDULE

V. PUBLIC WORKS DEPARTMENT						
L. PROFESSIONAL SERVICES						
#	Description	Rate with Benefits	Unit			Authority
14	Public Works Maintenance Helper	48.10	Hour			SF Resolution 8233
15	Building Maintenance/ Electrical Helper	133.70	Hour			SF Resolution 8233
16	Electrical Supervisor	193.55	Hour			SF Resolution 8233
17	Equipment & Materials Supervisor	193.55	Hour			SF Resolution 8233
18	Mechanical Helper	136.05	Hour			SF Resolution 8233
19	Water/ Backflow Technician	133.70	Hour			SF Resolution 8233
20	Meter Technician	116.15	Hour			SF Resolution 8233
21	Senior Account Clerk (Finance)	84.45	Hour			SF Resolution 8233
M. MISCELLANEOUS FEES						
#	Description	Base Fee	Unit	Conditions		Authority
1	AIMS Maintenance Surcharge	10%	Each	Added to All Permit Fees		SF Resolution 8233
2	Inspection Fees After Office Hours	299.10	Hour	Minimum Per Hour		SF Resolution 8233
3	Research Fee	See Section F	Hour	Minimum Per Hour Rate		SF Resolution 8233
4	Aerial Photos					SF Resolution 8233
3a	24" X 36" Plain Paper	97.75	Each			SF Resolution 8233
3b	24" X 36" Photo Paper	97.75	Each			SF Resolution 8233
3c	36" X 60" Plain Paper	97.75	Each			SF Resolution 8233
3d	36" X 60" Photo Paper	97.75	Each			SF Resolution 8233
N. PLAN CHECK AND INSPECTION FEES						
#	Estimated Cost of Improvements	Base Fee	Add to Cost	Over		Authority
1	Inspection Fee					
1a	0 – 10,000	483.00	+8%	1,000		SF Resolution 8233
1b	10,001 – 25,000	1,476.60	+3.5%	10,000		SF Resolution 8233
1c	25,001 – 40,000	2,201.10	+3.5%	25,000		SF Resolution 8233
1d	40,001 – 55,000	2,925.60	+3.5%	40,000		SF Resolution 8233
1e	55,001 – 75,000	3,650.10	+3.5%	55,000		SF Resolution 8233
1f	75,001 – 100,000	4,616.10	+3.5%	75,000		SF Resolution 8233
1g	100,001 – 250,000	5,823.60	+2%	10,000		SF Resolution 8233
1h	250,000 – 350,000	9,963.60	+2%	250,000		SF Resolution 8233
1i	Over 350,000	12,723.60	+2%	350,000		SF Resolution 8233
2	Plan Check Fee					
2a	0 – 10,000	586.50	+8%	2,500		SF Resolution 8233
2b	10,001 – 25,000	2,656.50	+3.5%	10,000		SF Resolution 8233
2c	25,001 – 40,000	6,589.50	+3.5%	25,000		SF Resolution 8233



FY 2023/24 ANNUAL FEE SCHEDULE

V. PUBLIC WORKS DEPARTMENT

N. PLAN CHECK AND INSPECTION FEES					
#	Estimated Cost of Improvements	Base Fee	Add to Cost	Over	Authority
2d	40,001 – 55,000	9,384.00	+3.5%	40,000	SF Resolution 8233
2e	55,001 – 75,000	11,454.00	+3.5%	55,000	SF Resolution 8233
2f	75,001 – 100,000	13,662.00	+3.5%	75,000	SF Resolution 8233
2g	100,001 – 250,000	15,732.00	+2%	100,000	SF Resolution 8233
2h	250,000 – 350,000	26,082.00	+2%	250,000	SF Resolution 8233
2i	Over 35,000	31,602.00	+2%	350,000	SF Resolution 8233
O. EQUIPMENT AND MATERIAL RATES					
#	Description	Hourly Rate	Unit	Conditions	Authority
1	Equipment				
1a	Dump Truck 5 – 6 Yard	88.55	Each		SF Resolution 8233
1b	2 Ton Service Truck With Small Tools	72.45	Each		SF Resolution 8233
1c	Backhoe	89.70	Each		SF Resolution 8233
1d	Service, Signal Or Electrical Utility Truck	27.60	Each		SF Resolution 8233
1e	Aerial Lift Truck	78.20	Each		SF Resolution 8233
1f	Sweeper Truck	72.45	Each		SF Resolution 8233
1g	Sewer Truck	89.70	Each		SF Resolution 8233
1h	Compressor With Air Tools	39.10	Each		SF Resolution 8233
1i	Stow Saw	27.60	Each		SF Resolution 8233
1j	Concrete Saw	33.35	Each		SF Resolution 8233
1k	Dump Utility	33.35	Each		SF Resolution 8233
1l	Arrow Boards / Solar	28.75	Each		SF Resolution 8233
1m	Traffic Delineator	1.90	Each		SF Resolution 8233
1n	Barricade Bare	2.55	Each		SF Resolution 8233
1o	Concrete Mixer	23.00	Each		SF Resolution 8233
1p	High Pressure Washer With Trailer	73.60	Each		SF Resolution 8233
1q	Light Tower	37.95	Each		SF Resolution 8233
1r	Portable Generator 6 Kw	20.70	Each		SF Resolution 8233
1s	Large Capacity Mobile Generator	143.75	Each		SF Resolution 8233
1t	Chain Saw 20"	18.70	Each		SF Resolution 8233
1u	Vibrator Compactor	27.60	Each		SF Resolution 8233
1v	3" Trash Pump	29.90	Each		SF Resolution 8233
1w	2" Trash Pump	23.00	Each		SF Resolution 8233
1x	5 Horsepower Tiller Walk Behind	23.00	Each		SF Resolution 8233
1y	Airless Paint Sprayer	40.25	Each		SF Resolution 8233
1z	500 Gallon Water Trailer	27.60	Each		SF Resolution 8233



FY 2023/24 ANNUAL FEE SCHEDULE

V. PUBLIC WORKS DEPARTMENT

O. EQUIPMENT AND MATERIAL RATES					
#	Description	Hourly Rate	Unit	Conditions	Authority
1aa	5,000 Lb Fork Lift Industrial	57.50	Each		SF Resolution 8233
1bb	Message Board	304.75	Each	Installation, Removal and Programming	SF Resolution 8233
1cc	1690 AM Programming	432.40	Each	Recording and Programming	SF Resolution 8233
1dd	Temporary "No Parking" Signs	Market Value	Each	Price Per Sign	SF Resolution 8233
1ee	K-Rail (Day)	5.75	Each		SF Resolution 8233
1ff	K-Rail (Week)	23.00	Each		SF Resolution 8233
1gg	K-Rail (Month)	57.50	Each		SF Resolution 8233
1hh	Directional Signs (Right; Left; No Turn) (Day)	1.60	Each		SF Resolution 8233
1ii	Advanced Warning Signs (Day)	4.60	Each		SF Resolution 8233
2	Materials				
2a	Cement	Actual Cost	Cubic Yard		SF Resolution 8233
2b	Slurry	Market Value	Cubic Yard		SF Resolution 8233
2c	Road Base	Market Value	Ton		SF Resolution 8233
2d	Fill Sand	Market Value	Ton		SF Resolution 8233
2e	Temp A/C 800 Cold Mix	Market Value	Ton		SF Resolution 8233
2f	Permanent A/C	Market Value	Ton		SF Resolution 8233
P. PUBLIC WORKS TREE SERVICES ON PUBLIC PARKWAY					
#	Description	Rate	Unit	Conditions	Authority
1	Tree Planting – 24" Box	234.60	Each	With Root Barrier	SF Resolution 8233
2	Tree Planting – 36" Box	234.60	Each	With Root Barrier	SF Resolution 8233
3	Tree And Stump Removal – Measured at 60" Height	Contract Rate	Per Diameter Inch		SF Resolution 8233
4	Stump Removal	Contract Rate	Per Diameter Inch		SF Resolution 8233
5	Tree Trim – Grid Or Light Trim Not To Exceed 20% Of Tree	Contract Rate	Per Tree		SF Resolution 8233
6	Palm Tree Trimming	Contract Rate	Per Tree		SF Resolution 8233
7	Ficus Tree Trimming	Contract Rate	Per Tree		SF Resolution 8233
Q. RESIDENTIAL SIDEWALK PARTNER PROGRAM					
#	Description	Base Fee	Unit	Conditions	Authority
1	Sidewalk or Approach	31.65	Square Foot	Only Offered As Funds Remain Available	SF Resolution 8233
R. CITY BANNER AND BUS SHELTER PROGRAM					
#	Description	Base Fee	Unit	Conditions	Authority
1	Cross Street Banner				



FY 2023/24 ANNUAL FEE SCHEDULE

V. PUBLIC WORKS DEPARTMENT

R. CITY BANNER AND BUS SHELTER PROGRAM

#	Description	Base Fee	Unit	Conditions	Authority
1a	Install And Removal Of Banner	1,085.00	Each	City Reserves The Right To Review And Approve Content Of Banner	SF Resolution 8233
1b	Weekly Ad Rate For Display Of Banner	102.35	Each		SF Resolution 8233
2	Vertical Street Pole Banner Permit	102.35			SF Resolution 8233
2a	Install And Removal Single Banner	382.40	Each	City Reserves The Right To Review And Approve Content Of Banner	SF Resolution 8233
2b	Install And Removal Double Banner On Single Pole	382.40	Each	City Reserves The Right To Review And Approve Content Of Banner	SF Resolution 8233
2c	Weekly Ad Rate For Display Of Single Banner	102.35	Each		SF Resolution 8233
2d	Weekly Ad Rate For Display Of Double Banner On Single Pole	102.35	Each		SF Resolution 8233
2e	Install Of Banner Hanging Hardware	161.85	Each		SF Resolution 8233
3	Banner Ads On City Trolley	-			
3a	Install And Removal Of Single Banner On Exterior	104.40	Each	Applicant To Provide Banner Ads; City Reserves The Right To Review And Approve Content Of Banner	SF Resolution 8233
3b	Weekly Ad Rate For Display Of Banner	104.40	Each		SF Resolution 8233
3c	Weekly Ad Rate For Display Of Ads On Trolley Interior, Or Running Of Ad On Trolley Closed Circuit TV Display	104.40	Each		SF Resolution 8233
4	Bus Shelters				SF Resolution 8233
4a	Poster Size Banner Installation And Take Down	173.60	Each	City Reserves The Right To Review And Approve Content Of Banner	SF Resolution 8233
4b	Banner Display – Monthly Ad Rate	102.35	Each		SF Resolution 8233

S. NPDES COMMERCIAL / INDUSTRIAL SITE INSPECTION PROGRAM

#	Description	Base Fee	Unit	Conditions	Authority
1	Initial Inspection				
1a	Industrial	Contractor Cost	Each	Plus 27%	SF Resolution 8233
1b	Auto-Related	Contractor Cost	Each	Plus 27%	SF Resolution 8233
1c	Retail Gas Outlet	Contractor Cost	Each	Plus 27%	SF Resolution 8233
1d	Restaurants	Contractor Cost	Each	Plus 27%	SF Resolution 8233
2	Second Follow-Up Inspection				
2a	Industrial	Contractor Cost	Each	Plus 27%	SF Resolution 8233
2b	Auto-Related	Contractor Cost	Each	Plus 27%	SF Resolution 8233
2c	Retail Gas Outlet	Contractor Cost	Each	Plus 27%	SF Resolution 8233
2d	Restaurants	Contractor Cost	Each	Plus 27%	SF Resolution 8233



FY 2023/24 ANNUAL FEE SCHEDULE

V. PUBLIC WORKS DEPARTMENT

T: COMMERCIAL SELF-HAUL PERMIT / INSPECTION FEES					
#	Description	Base Fee	Unit	Conditions	Authority
1	Annual Permit Fee	169.05	Each		SF Resolution 8233
2	Inspection Fee	63.25	Each		SF Resolution 8233



THE CITY OF
SAN FERNANDO
**ANNUAL COMPREHENSIVE
FINANCIAL REPORT**

FOR THE
FISCAL YEAR ENDED
JUNE 30, 2023

SAN FERNANDO,
CALIFORNIA



CITY OF SAN FERNANDO, CALIFORNIA
ANNUAL COMPREHENSIVE FINANCIAL REPORT
WITH REPORT ON AUDIT
BY INDEPENDENT
CERTIFIED PUBLIC ACCOUNTANTS
FOR THE FISCAL YEAR ENDED JUNE 30, 2023

Prepared By:
Finance Department

City of San Fernando
Annual Comprehensive Financial Report
Year Ended June 30, 2023

TABLE OF CONTENTS

I. INTRODUCTORY SECTION	PAGE
Letter of Transmittal	1 - 18
Directory of Officials	19
Organization Chart	20
Certificate of Achievement for Excellence in Financial Reporting	21
 II. FINANCIAL SECTION	
Independent Auditor's Report	22 - 24
Management's Discussion & Analysis	25 - 40
Basic Financial Statements:	
Government-wide Financial Statements:	
Statement of Net Position	41
Statement of Activities	42 - 43
Fund Financial Statements:	
Governmental Funds:	
Balance Sheet	44
Reconciliation of the Governmental Funds Balance Sheet to the Statement of Net Position	45
Statement of Revenues, Expenditures and Changes in Fund Balances	46
Reconciliation of the Statement of Revenues, Expenditures, and Changes in Fund Balances of Governmental Funds to the Statement of Activities	47
Proprietary Funds:	
Statement of Net Position	48
Statement of Revenues, Expenses and Changes in Net Position	49
Statement of Cash Flows	50
Fiduciary Funds:	
Statement of Net Position	51
Statement of Changes in Net Position	52
Notes to Financial Statements	53 - 80
Required Supplementary Information:	
Schedule of Changes in Total OPEB Liability and Related Ratios	81
Schedule of the City's Proportionate Share of the Net Pension Liability	82
Schedule of Plan Contributions	83
Budgetary Comparison Schedules - Major Governmental Funds:	
General Fund	84
Retirement Tax Fund	85
ARPA Fund	86
Notes to Required Supplementary Information	87
Supplementary Information:	
Schedule of Revenues, Expenditures, and Changes in Fund Balance - Budget and Actual:	
Capital Grants Fund	88
Combining Balance Sheet - Other Governmental Funds	91 - 95
Combining Statement of Revenues, Expenditures and Changes in Fund Balances - Other Governmental Funds	96 - 100
Schedule of Revenues, Expenditures, and Changes in Fund Balance - Budget and Actual:	
Measure R Fund	101
Mall Maintenance Operations Fund	102
Proposition A Local Transit Fund	103
Proposition C Discretionary Fund	104
Traffic Safety Fund	105
Parking Maintenance and Operations Fund	106
Local Transportation Fund	107
Recreation Fund	108
Quimby Act Fees Fund	109
Street Lighting Fund	110

City of San Fernando
Annual Comprehensive Financial Report
Year Ended June 30, 2023

TABLE OF CONTENTS – Continued

Supplementary Information - Continued:	PAGE
State Asset Forfeiture Fund	111
State Gas Tax Fund	112
Federal Asset Forfeiture Fund	113
AQMD Fund	114
Cash-in-Lieu of Parking Fund	115
Pavement Management Fund	116
Proposition C Fund	117
Community Development Block Grant Fund	118
Community Development Surcharge Fund	119
Operating Grants Fund	120
STP Local Fund	121
SLESF Fund	122
Measure M Fund	123
Road Maintenance & Rehab Fund	124
Housing Fund	125
Capital Outlay Fund	126
Combining Statement of Net Position – Nonmajor Enterprise Funds	128
Combining Statement of Revenues, Expenses and Changes in Net Position - Nonmajor Enterprise Funds	129
Combining Statement of Cash Flows – Nonmajor Enterprise Funds	130
Combining Statement of Net Position - Internal Service Funds	131
Combining Statement of Revenues, Expenses and Changes in Net Position - Internal Service Funds	132
Combining Statement of Cash Flows - Internal Service Funds	133
 III. STATISTICAL SECTION	
Description of Statistical Section Contents	134
Financial Trends:	
Net Position by Component - Last Ten Fiscal Years	135 - 136
Changes in Net Position - Last Ten Years	137 - 140
Fund Balances of Governmental Funds - Last Ten Fiscal Years	141 - 142
Changes in Fund Balances of Governmental Funds - Last Ten Fiscal Years	143 - 144
Revenue Capacity:	
Assessed Value of Taxable Property - Last Ten Fiscal Years	145
Direct and Overlapping Property Tax Rates - Last Ten Fiscal Years	146
Principal Property Taxpayers (Top Ten) - Current Year and Nine Years Ago	147
Property Tax Levies and Collections - Last Ten Fiscal Years	148
Top 25 Sales Tax Producers – Current Year and Nine Years Ago	149 - 150
Taxable Sales by Category – Last Ten Calendar Years	151 - 152
Water Customers - Current Year and Nine Years Ago	153
Debt Capacity:	
Ratios of Outstanding Debt by Type - Last Ten Fiscal Years	154
Direct and Overlapping Debt	155
Legal Debt Margin Information - Last Ten Fiscal Years	156 - 157
Demographic and Economic Information:	
Demographic and Economic Statistics	158
Miscellaneous and Demographic Statistics	159
Principal Employers - Current Year and Nine Years Ago	160
Operating Information:	
Full-time Equivalent City Employees by Function - Last Ten Fiscal Years	161
Operating Indicators by Function - Last Ten Calendar Years	162 - 163
Capital Asset Statistics by Function - Last Ten Fiscal Years	164 - 165

INTRODUCTORY SECTION



THE CITY OF SAN FERNANDO

CITY COUNCIL

February 28, 2024

MAYOR
CELESTE T. RODRIGUEZ

Honorable Mayor and City Council Members
Residents of San Fernando

VICE MAYOR
MARY MENDOZA

COUNCILMEMBER
JOEL FAJARDO

COUNCILMEMBER
CINDY MONTAÑEZ

COUNCILMEMBER
MARY SOLORIO

The Annual Comprehensive Financial Report (ACFR) of the City of San Fernando, California for the fiscal year ended June 30, 2023, is hereby submitted. Responsibility for both the accuracy of the data, and the completeness and fairness of the presentation, including all disclosures, rests with the City of San Fernando. To the best of our knowledge and belief, the enclosed data is accurate in all material respects and is reported in a manner designed to present fairly the financial position and results of operations of the various funds of the City. All disclosures necessary to enable the reader to gain an understanding of the City's financial activities have been included.

The financial statements are prepared in accordance with Generally Accepted Accounting Principles (GAAP) as promulgated by the Governmental Accounting Standards Board (GASB). This report consists of management's representations concerning the finances of the City of San Fernando, California. Consequently, management assumes full responsibility for the completeness and reliability of all of the information presented in this report. To provide a reasonable basis for making these representations, City management has established a comprehensive internal control framework that is designed both to protect the City's assets from loss, theft or misuse and to compile sufficient reliable information for the preparation of the City's financial statements in conformity with GAAP. Because the cost of internal controls should not outweigh their benefits, the City's comprehensive framework of internal controls have been designed to provide reasonable rather than absolute assurance that the financial statements will be free from material misstatement. As management, we assert that, to the best of our knowledge and belief, this financial report is complete and reliable in all material respects.

FINANCE DEPARTMENT

117 MACNEIL STREET
SAN FERNANDO
CALIFORNIA
91340

ADMINISTRATIVE
DIVISION
(818) 898-1200

BUSINESS LICENSE DIVISION
(818) 898-1245

TREASURER DIVISION
(818) 898-1207

WATER DIVISION
(818) 898-1213

WWW.SFCITY.ORG

The City of San Fernando City Code requires an annual audit by an independent certified public accountant. The City's financial statements have been audited by Van Lant & Fankhanel, LLP; a public accounting firm fully licensed and qualified to perform audits of the State and local governments within the State of California. The purpose of the independent audit is to provide reasonable assurance that the financial statements of the City of San Fernando for the fiscal year ended June 30, 2023, are free of material misstatements. The independent audit involves examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; assessing the accounting principles used and significant estimates made by management; and evaluating the overall financial statement presentation. The independent auditors concluded, based upon the audit, that there was a reasonable basis for rendering an unmodified opinion that the City of San Fernando's financial statements for the fiscal year ended June 30, 2023, are fairly presented in conformity with GAAP. The independent auditors' report is presented as the first component of the financial section of this report.

The independent audit of the financial statements of the City is part of a broader, federally mandated "Single Audit" designed to meet the special needs of Federal grantor agencies. The City is required to undergo the annual single audit in conformance with provisions of

the Single Audit Act Amendments of 1996 and the Uniform Guidance. The Single Audit Report, which is issued separately, includes the schedule of federal expenditures, findings and recommendations, the auditors' reports on the internal control structure and compliance with applicable laws and regulations.

GAAP requires that management provide a narrative introduction, overview and analysis to accompany the basic financial statements in the form of Management's Discussion and Analysis (MD&A). This letter of transmittal is designed to complement the MD&A and should be read in conjunction with it. The City's MD&A can be found immediately following the report of the independent auditors in the financial section of the ACFR.

PROFILE OF THE CITY OF SAN FERNANDO

The City of San Fernando, which has a residential population of approximately 24,000, was incorporated on August 31, 1911. It is conveniently located in the northeast section of the San Fernando Valley at the southern foot of the San Gabriel Mountains. This compact community of 2.4 square miles is completely surrounded by the City of Los Angeles, including the nearby communities of Sylmar, Mission Hills and Pacoima. Major physiographic features located near the City include the San Gabriel Mountains (located approximately 3 miles to the north), the Pacoima Wash (located along the eastern side of the City), Hansen Lake (located 3 miles to the southeast of the City), and the Los Angeles Reservoir (located approximately 4 miles to the northwest). Regional access to the City of San Fernando is possible from three freeways located in the area: Interstate 5 Freeway (I-5), State Route 118 (SR-118), and Interstate 210 Freeway (I-210).

The City operates under the City Council - City Manager form of government and provides a full range of municipal services, including police protection; construction and maintenance of streets and infrastructure; community development activities; recreational and cultural activities; and general administrative and support services. Fire and ambulance services are provided by contract with the City of Los Angeles Fire Department. In addition, the City provides refuse services through an exclusive franchise agreement and water and sanitary sewer under an Enterprise Fund system whereby customer user fees cover the cost of providing service.

The City adopts an annual budget by July 1st each year. The budget includes detailed allocations by line item for each operating department and special revenue fund. The budget includes, at a minimum, the following expenditure categories for each fund and department:

- Personnel Services;
- Contractual Services;
- Maintenance and Operations; and
- Capital Outlay.

The Annual Budget, as adopted by the City Council, establishes the total appropriation provided for each City Department's operations. Expenditures may not legally exceed budgeted appropriations at the Department level within a fund. The Director of Finance is authorized to transfer budget amounts within salary accounts and within Maintenance and

Honorable Mayor and City Council Members

Residents of San Fernando

Page 3 of 18

Operations accounts at his/her discretion. The City Council may amend or supplement the budget by motion adopted by the affirmative votes of at least three members. The City's general ledger is maintained by the line item detail or object of expenditure. Revenues are estimated annually and measured against actual revenues earned.

The City Council exercises control over and is financially accountable for the legally separate San Fernando Public Financing Authority, which is included in this report as a blended component unit of the City. The Los Angeles Unified School District and other public bodies have not met the established criteria for inclusion in the reporting entity since independent boards not under City Council control govern them. The City Council does not have any voting power over them; accordingly, they are excluded from this report. Additional information on blended component units can be found in Note 1 of the Notes to the Financial Statements.

History of San Fernando

When entering the City of San Fernando along picturesque, palm-lined Brand Boulevard, you will discover a community rich in California history dating back almost two centuries. Named in honor of a Spanish Saint/King, San Fernando was selected for settlement long before the rest of Los Angeles. The City grew out of the ranching activities surrounding Mission de San Fernando Rey, whose graceful porticoes still stand today. By the early 1800's the settlement had blossomed into a small trading center where farm crops, olives, wine, and thousands of livestock raised by the resident Indians were bought and sold.

San Fernando enjoyed a brief gold rush in the 1840s when nuggets were discovered in a nearby canyon. In 1874, San Fernando became the valley's first organized community, thus earning the title "First City of the Valley." With the arrival of the railroad two years later, town lots soared from \$10 each to \$150 apiece.

The City of San Fernando is a community of attractive contrasts. What was once a land of farms and ranches adjoining the Mission de San Fernando Rey is now a vibrant center of manufacturing and commerce. San Fernando enjoys a sweeping view of the panoramic San Gabriel foothills and a sense of privacy; yet it is only minutes from downtown Los Angeles and other centers of commercial activity, thanks to a network of freeways and nearby airports. The City combines modern metropolitan conveniences with a close-knit community of friendly, civic-minded residents.

FINANCIAL CONDITION AND OUTLOOK

The information presented in the financial statements is perhaps best understood when it is considered from the broader perspective of the specific economic environment within which the City of San Fernando operates.

Prior to the onset of the COVID-19 pandemic in March 2020, the national and state economies were in the midst of the longest recorded economic expansion. The economy had been on a long, slow recovery since the end of the Great Recession in 2009 with strong fundamentals, such as low unemployment, increasing household income and personal consumption, and most stock market indices were at record levels.

This long economic expansion was brought to an abrupt stop in March 2020 as pandemic-induced restrictions led to soaring unemployment and plummeting consumer spending. Governor Newsom officially ended the COVID-19 declared emergency on February 28, 2023. While there has been an economic recovery over the past two years, COVID-19 dramatically altered lives and significantly impacted regional, state, national, and global economies. The actions taken to stabilize the economy throughout the pandemic were unprecedented and will impact global economies for the foreseeable future.

The following analysis of the federal, state and local economic outlooks provide context for the City's revenues during the 2023 fiscal year.

Federal Economy

Inflation and the Federal Reserve's response to it (i.e. seven interest rate increases in 2022) were the focus of economic policy in 2022 as prices increased at a pace not seen since stagflation in the 1970's and 1980's. Conversely, Gross Domestic Product (GDP), which is a measure of output for the US economy, increased by only 1.1% in 2022. GDP is expected to grow by approximately 0.8% in 2023 and 1.5% in 2024, which represents very slow growth, by historical standards.

The U.S. labor market has rebounded from the pandemic as well. The unemployment rate, which was 5.4% in 2021, improved to 3.7% by the end of 2022. Despite very low unemployment, the labor pool in the United States continues to shrink as the trend of more workers leaving the workforce then entering it continues. This has created a tight labor market, resulting in increased salaries for many workers.

Inflation became the main economic headline in 2022 as the Consumer Price Index (CPI) rose significantly again in 2022. CPI hit 8.0% in 2022, which is the highest rate since 1979. Inflation is, effectively, a tax on the economy as consumers have to spend more of their disposable income to buy the same amount, or fewer, goods than in the past. The Federal Reserve has been consistently increasing baseline interest rates to increase the value of money and offset inflation. It remains to be seen how the policy of raising interest rates to curb inflation will impact the economy.

Contrary to the strong performance of U.S. stocks in 2020 and 2021, stock markets in 2022 experienced sizeable losses and increased volatility. This suggests pessimism, or at least significant uncertainty, by investors in the Federal Reserve's ability to curb inflation without pushing the country into a recession.

In summary, the national economy shows some stability, with the U.S. GDP reporting solid growth going into 2023 and the labor market experiencing robust job production and record low unemployment. However, continued high inflation, increasing interest rates, continued supply chain disruptions, and a volatile stock market are signaling an economic slowdown over the next year.

State Economy

California's economy has significantly recovered from the pandemic-induced downturn as many economic indicators are back to their pre-pandemic levels. The focus of California economic policy makers will be the effects of Federal Reserve policy, inflation, and supply chain instability on the California economy. Throughout the pandemic, California experienced its first recorded decline in population since recording began over 100 years ago. This trend continued in 2022 as an additional 210,000 residents left the state. Continued population declines could have long-term implications for California's economic vitality.

Housing affordability continues to be an ongoing public policy challenge and is the primary issue driving the California population flight. California's housing market remains significantly more expensive compared to housing markets throughout much of the United States. California's continued recovery in the years to come will depend on a variety of factors including national and state economic policy and new developments related to the pandemic. Additionally, the housing market, relocation of businesses to other states, and relatively high degree of income inequality, pose continuing challenges for the state.

Although the employment situation in California continued to improve in 2022 (unemployment in December 2022 was 4.1%), a slew of recent layoffs by large technology companies may be cause for concern in 2023. Job growth is expected to slow in 2023, with most of the growth in the Education and Health sectors. Jobs in Manufacturing, Transportation/Trade, Construction, and Financial Activities sectors are expected to contract in 2023 and 2024.

While California significantly recovered from the pandemic-induced downturn in 2021, and experienced a record budget surplus in 2022, economic challenges remain. The high cost of housing, high inflation, Federal Reserve fiscal policy, and population migration out of California, represent continuing threats to the California economy and are expected to hamper growth in 2023.

Local Economy

The resiliency of San Fernando's local economy was made clear throughout the COVID-19 pandemic. Many of the City's large employers are essential manufacturing and service business such as LAUSD, Pharmavite, Pepsi, Home Depot, Puretek Corp, and Vallarta. Conversely, small businesses, which are the lifeblood of the City's unique character and charm, were hit hardest by the economic restrictions imposed by COVID-19. To support small businesses, the City Council provided \$10,000 grants to 40 small San Fernando businesses and supported the San Fernando Outdoor Market through fee waivers and City staff to close the streets, manage traffic, and provide safety services.

There are a few large projects currently under construction that are expected to open in 2023 and add to the City's economic base. American Fruits and Flavors, which manufactures Monster Energy Drinks, is expected to complete construction of a 165,000 square foot manufacturing facility in the Fall. When fully operational, the new facility will be home to more than 300 jobs. Additionally, a new Target is under construction and is also expected to be completed in Fall 2023. The new Target is expected to add a significant amount of sales tax to the City's General Fund revenue once it is open and fully operational.

Honorable Mayor and City Council Members

Residents of San Fernando

Page 6 of 18

The City recently hired a Deputy City Manager/Economic Development to focus on developing and implementing economic development programs, support local businesses to facilitate a business friendly environment, and lead business recruitment and retention efforts. The City also awarded a contract to a consultant to develop a Downtown Master Plan. Development of this Plan includes a significant amount of public outreach to develop a long-term vision for the City's downtown and Maclay commercial corridors. These efforts are critical to make the local economy even more resilient in the long term.

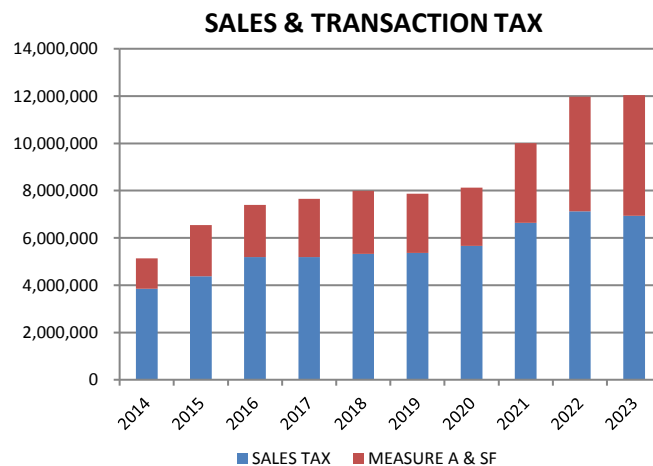
San Fernando's local economy and customer base proved to be resilient throughout the pandemic. The City has a solid base of retail, manufacturing, personal service, and restaurant businesses that provide sales and business taxes that have consistently grown over the past 10 years. With affordable lease rates, easy access to major transit routes (i.e. Interstate 5, 210 Freeway, and the 118 Freeway) and access to regional transit from the Sylmar Metrolink Station, the local economy is expected to remain stable over the next fiscal year.

Major General Fund Revenue

The City's major sources of General Fund revenue include Sales, Use & Transaction Tax, Property Tax, Property Tax In-Lieu of Motor Vehicle License Fee, Charges for Services, Business License Taxes and Fees, and Admissions Tax.

Sales, Use and Transaction Tax

The sale of all tangible personal property is subject to sales or use tax in California, unless exempt or otherwise excluded by law. Since October 1, 2017, the sales and use tax in Los Angeles County is 9.5%, of which 6.25% is distributed to the State, 2.25% to the County of Los Angeles, and 1.0% to the City of San Fernando.



In addition to the state, county, and local sales and use tax, San Fernando voters approved a ½-cent (0.5%) local transaction tax (commonly referred to as “Measure A”) in June 2013. “Measure A” was due to sunset within seven years. In November 2018, voters approved to extend the tax indefinitely. In November 2020, San Fernando voters approved an additional (0.25%) local transaction use tax (Measure SF) to keep sales tax local and avoid other

taxing entities from passing a transaction tax that would otherwise be imposed on San Fernando customers, but spent regionally rather than locally. The total local transaction use tax revenues totaled \$5.1 million, which is an increase of 5.5% over prior year proceeds due largely to FY2022-2023 continued economic recovery and improvements.

Sales, use and transaction tax (Sales Tax) is the City's largest revenue, accounting for almost 44.0% of total General Fund revenues. Since Sales Tax revenue is a function of business and consumer spending on tangible personal property, it is highly sensitive to economic cycles. The resiliency of San Fernando's local economy was made clear throughout the COVID-19 pandemic. Many of the City's large employers are essential manufacturing and service business such as LAUSD, Pharmavite, Pepsi, Home Depot, Puretek Corp., and Vallarta. The City does not have a significant leisure and tourism industry, which was hit the hardest by the COVID-19 restrictions.

Locally, sales taxes experienced accelerated growth following the pandemic but have since slowed down. Sales Tax revenues experienced a slight decline in FY 2022-2023 of 2.7% which is again attributable to the market slow down with growth patterns instead reaching peak.

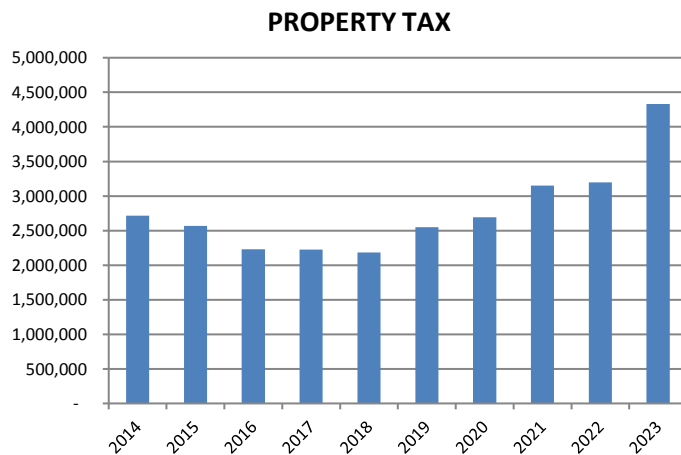
Property Tax

Property tax is an ad valorem tax levied on property owners in the City of San Fernando. The property tax rate is limited by Proposition 13 to 1% of the property's assessed value, which is typically established as the property's purchase price. Each year thereafter, the property's assessed value increases by two percent

(2%) or the rate of inflation, whichever is lower, until the property is sold and re-assessed.

The City receives approximately fifteen cents for every dollar in property tax paid by property owners in San Fernando. The remaining amount is distributed to Los Angeles County agencies and local school districts. Property Tax accounts for 16% of General Fund revenue.

Assessed property values are steadily rebounding since they bottomed out in FY 2010-2011. Consequently, Property Tax revenue has shown steady growth over the last few years, which continued through 2023 due to strong market conditions and local

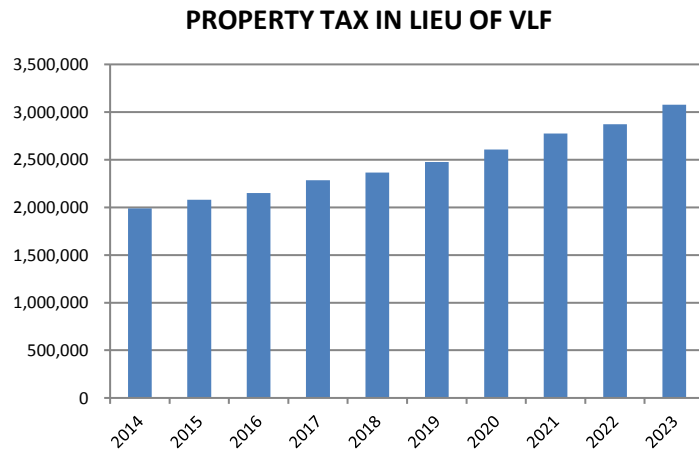


investment. The median of a Single Family Residential sales price has increased from \$545,000 to \$675,000 over the last two years.

Although Proposition 13 limits the annual increase of Assessed Values to 2%, strong local investment and property turnover drove an increase in Property Tax revenue by 35.4% in FY 2022-2023.

Property Tax In-Lieu of Motor Vehicle License Fee

Prior to 2004, cities in California received a share of the state's Motor Vehicle License Fee (VLF), which is a fee imposed on motor vehicles based on the original sale price of the vehicle. In 2004, the state shifted revenues from the VLF to fund other programs. To make cities whole, the state replaced the loss of VLF revenue with a like amount of property tax revenue.



Property Tax In-lieu of Motor Vehicle License Fee accounts for more than 12% of General Fund revenue.

Revenue and Taxation Code Section (c)(1)(B)(i) specifies the VLF Adjustment Amount for each city and county is to grow in proportion to the growth of gross assessed valuation in that jurisdiction from the prior year. Assessed value increases increased by approximately 6.3%. Consequently, Property Tax In-lieu of VLF increased by 7.1% in FY 2022-2023.

Charges for Services

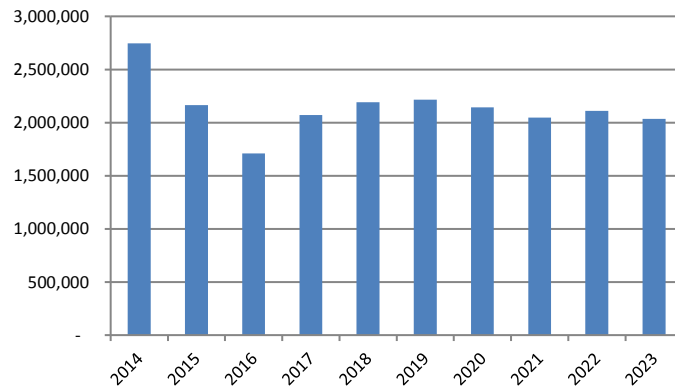
San Fernando charges fees for various services it provides to users who derive a direct benefit from the provision of those services. Some examples include construction permit and inspection fees, livescan fingerprint fees, special police services, and administrative charges to the Enterprise and Special

Revenue funds. Administrative charges are intended to reimburse the City for costs incurred to support non-General Fund operations including, but are not limited to; recruiting and benefit administration services; billing, accounts payable, payroll and accounting services; and information technology services.

Charges for Services are the City's fourth largest revenues source, accounting for 7.4% of total General Fund revenues.

Charges for Services are projected based on historical trends, known upcoming events (e.g. large development project or special event), and changes in the cost to provide the service (i.e. increase in personnel costs). While Charges for Services declined by 2.7%, a new fees and charges study is underway in 2023-2024 with the aim of establishing rates to recover maximum value of City services.

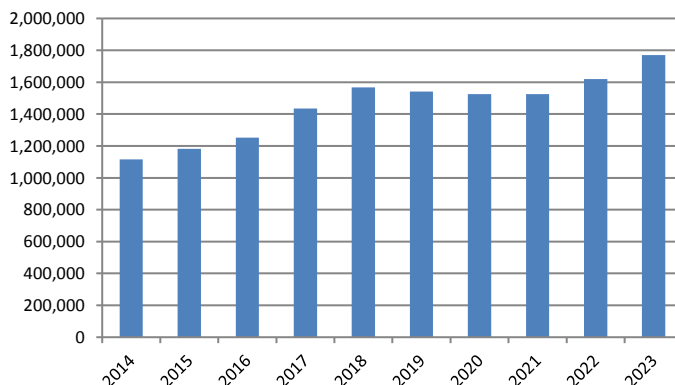
CHARGES FOR SERVICES



Business License Taxes and Fees

San Fernando imposes a Business License fee on certain businesses, trades, professions and occupations specified in the City's Municipal Code. There are a number of different fees based on business type, but generally, the fee imposed is \$1.20 per \$1,000 in

BUSINESS LICENSE TAXES & FEES



gross receipts for the sale of goods and \$2.40 per \$1,000 in gross receipts for services.

Business License is the City's fifth largest revenue source, accounting for almost 5% of General Fund revenue.

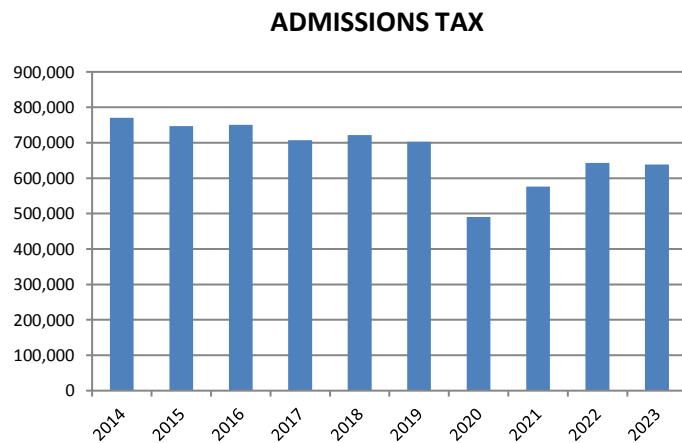
Business License revenue is very sensitive to economic conditions and due to the COVID-19 pandemic and restrictions many businesses suffered especially small businesses that provide in person services, including restaurants, bars, hair salons, laundry services, niche retail, etc. that rely on personal interaction and are often incompatible with remote operations. COVID-19 prevented such services due to the risk of transmission associated with unnecessary person-to-person contact. San Fernando has approved a number of COVID-19 Relief Programs for businesses including a Small Business Grant Program with American Rescue Plan Act Funds.

In FY 2022-2023, the City saw continued business recovery with an increase of 9.4% over prior year adjusted revenues.

Admissions Tax

San Fernando imposes a tax on each person who pays an admission charge to any place located within the City limits ("Admissions Tax"), which is collected by the operator at the time admission is paid.

Admissions Tax revenue is the City's sixth largest revenue source, accounting for approximately 2.8% of General Fund revenue.

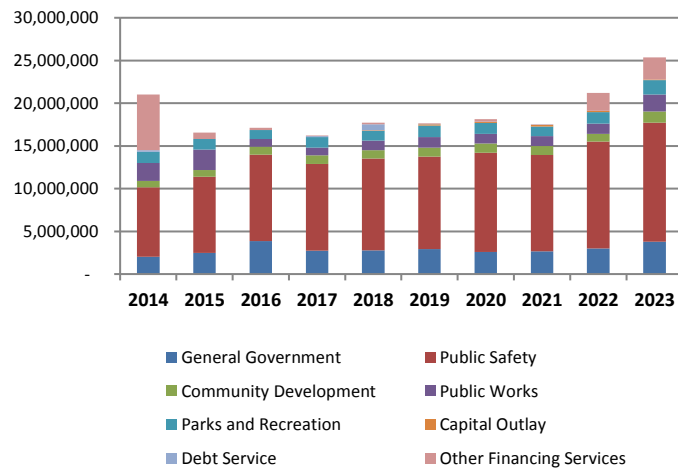


The primary driver for Admissions Tax revenues is the privately owned and operated swap meet in the City. Swap meet vendors sell new and used goods, typically at deeply discounted prices. Similar to other discount retailers, attendance at the swap meet has proven to be anti-cyclical in that, when the economy is depressed, the demand for discount goods increases and as the economy improves the demand for discount goods declines. As the economy continues to recover, Admission Tax revenues remained relatively flat in the comparison to the prior year.

General Fund Expenditures

Since fiscal year 2013-2014, total General Fund expenditures have increased by approximately 21%. Fortunately, the City was able to climb out of a significant financial hole due to Measures A & SF revenues. The City is able to align on-going expenses with on-going revenues.

**General Fund
Statement of Expenditures**



Excluding Capital Outlay, Debt Service and Transfers Out, General Fund departmental expenditures increased by 19.78% from FY 2021-2022. The increase is due to increased staffing levels and various enhancements in alignment with City Council Strategic Priorities.

Public Safety (including the Fire Service contract with City of Los Angeles) expenditures accounted for 55% of General Fund expenditures in FY 2022-2023, as expenditures increased by 11% over FY 2020-2021, as vacant positions were filled. General Government and Community Development expenditures increased by 26% and 44% respectively due to position and contractual service enhancements. Public Works expenditures increased by 70% increased staffing levels. Parks and Recreation expenditures increased by 24% as social activities and special events were reopened and enhanced following the COVID-19 pandemic.

Over the past three years, 22 new full-time and part-time positions have been approved by City Council and we have welcomed 38 new full-time employees to the City team. We have purchased 20 new vehicles and equipment to serve as a force multiplier in the field. We have invested more than \$2.7 million in technology and communications to improve efficiency, customer service, and public safety. We have implemented a number of organizational changes to reflect the City Council's policy priorities and Strategic Goals, including, but not limited to, creating a new Economic Development Division in the City Manager's Office, a new Housing Division in the Community Development Department, and reorganizing the reporting structure in the Police Department to enhance patrol services. Since COVID, the City has significantly enhanced outreach and community engagement efforts to educate more community members about the City's programs, capital projects, and services. Rather than "recovering" from the social and economic impacts of COVID-19, which implies returning to the way things used to be, staff has been asked to explore restructuring their department based on the services that the City will be providing over the next 10 years and creatively re-imagine services to set the City up for an equitable, sustainable, and resilient future.

**CITY-WIDE STRATEGIC GOALS
FISCAL YEAR 2022-2026**

City-wide Strategic Goals articulate City-wide long-term strategic goals and objectives that the organization strives to achieve over the next three to five years. They provide broad context for budget development to ensure staff is working toward achieving the organization's long-term objectives. The Strategic Goals which led the development of the Fiscal Year 2022-2023 budget and beyond are:

I. FOCUS ON COMMUNITY FIRST

The City of San Fernando is committed to providing a high standard of service, safety, and quality of life for San Fernando taxpayers. The City works to increase opportunities and support for residents to secure their basic needs and connect residents to support services. These outcomes can be achieved by enhancing public safety, increasing access to City services and programs, and keeping the community informed through outreach and transparency initiatives:

1. Provide a high standard for service and quality of life for San Fernando taxpayers, residents and community members through our top-notch San Fernando Police Department, community-based public safety programming, efficient service delivery, access to local government, and excellent public service.
2. Ensure San Fernando Police Department has adequate resources for personnel, equipment, training and community-based policing options.
3. Improve the City's use of technology to enhance customer service, work more efficiently and make it easier to conduct business with the City, improve transparency, and increase community access to broadband.
4. Explore opportunities to expand recreation and community service programs, senior programs, and healthy lifestyle initiatives.
5. Implement the Homeless Action Plan and related policies to support unsheltered and under housed individuals and families.
6. Expand collaboration with Public-Private Partnerships (PPP's) and local Community-Based Organizations (CBO's) to support San Fernando in achieving key strategic goals.

II. CULTIVATING A STRONGER LOCAL ECONOMY

The City of San Fernando is committed to pursuing economic development opportunities to bolster the City's revenue, enhance the health of the business climate, and highlight the City's rich history, culture, music, arts, Native American, and Latin American roots. Enhancing the local economy provides the resources to fund top-notch City services, programs, and infrastructure:

1. Provide technical and financial assistance programs for small business retention, expansion and recruitment. Establish programs that support a "One-Stop Business Center."
2. Create a Downtown Master Plan to enhance the historic downtown business corridor through architectural design and signage standards, business development support and pedestrian focused improvements.
3. Attract and retain private investment in all of the City's business corridors and support place-making efforts. Attract well-paying jobs to the City's industrial and commercial corridors by focusing on growing industries including, but not limited to, climate resiliency research and development, clean energy, emerging technologies, cultural arts, culinary arts, and entertainment options.

III. PRESERVE BEAUTIFUL HOMES AND NEIGHBORHOODS

The City of San Fernando is committed to facilitating common-sense housing policy to preserve the charm of San Fernando and provide natural, safe, neighborhood-centered spaces for residents to play and be active:

1. Promote home ownership and first time homeowner programs, particularly programs that provide home ownership opportunities for current San Fernando residents/renters.
2. Explore programs that provide technical assistance, architectural guidance, and financial support for the preservation and restoration of historic residential homes, and rehabilitation assistance for low- to moderate-income homeowners.
3. Support historic preservation programs, including Los Angeles Unified School District efforts to restore and rehabilitate the historic San Fernando Auditorium and Morningside Auditorium to be used as a public theatre.
4. Educate property owners on property maintenance standards to protect the charm and character of the City's neighborhoods.
5. Invest in enhancing parks, park amenities, and accessibility at all of the City's recreational parks, natural parks and open spaces.

IV. STRENGTHEN CLIMATE RESILIENCE AND ENVIRONMENTAL JUSTICE

The City of San Fernando is committed to protecting public health, natural resources, and local water independence by being a leader in promoting conservation, energy efficiency, sustainability, reducing climate-related risks, and increasing climate resilience and adaptation:

1. Strengthen the City's urban forest by continuing to invest in tree planting and tree care efforts, which will improve air quality, expand native habitat and address extreme heat and heat island impacts.
2. Safeguard the City's water quality and local water supply through conservation programs, landscape regulations, water capture, smart-technology and equipment upgrades and other programs to reduce water usage with the goal of maintaining 100% water independence.
3. Reduce the City's carbon footprint through energy efficient facility improvements, aggressive waste and food reduction, recycling and reuse, and alternative energy vehicles and equipment.
4. Advocate for, and leverage, funding opportunities through federal, state, and regional agencies to connect residents and businesses to sustainability and conservation financial resources.

V. ENHANCE PUBLIC TRANSPORTATION TO MOVE SAN FERNANDO

The City of San Fernando is committed to enhancing regional and local public transportation options that benefit residents, employees, visitors, and customers of San Fernando businesses and cultural institutions:

1. Enhance public transit by providing affordable access to the Mission City Transit system (i.e. Trolley) and improve Trolley stops by making them more user friendly, attractive, clean and architecturally consistent.
2. Improve the City's pedestrian and bike trail network, services, and accessibility, including increased maintenance of the Mission City Bike Trail and completion of the Pacoima Wash Bike Path.
3. Support and prioritize deployment of electric and alternative fuel vehicles through the promotion of electric charging stations and other clean fuel options.
4. Ensure the East San Fernando Valley Regional Light Rail and Metrolink projects servicing San Fernando complement and enhance existing public transportation options without causing undue hardship to traffic, pedestrian and parking systems.

5. Pursue funding to construct projects identified in Metro’s First/Last Mile Plan, the City’s Safe and Active Streets Plan, and other planning efforts that support access to public transportation and pedestrian-focused improvements.

VI. BUILD RESILIENT AND RELIABLE INFRASTRUCTURE

The City of San Fernando is committed to increasing capital expenditures to address critical infrastructure needs, including, but not limited to, addressing deferred maintenance of City buildings, streets, water and sewer systems, and sidewalks:

1. Invest in water and sewer infrastructure through risk, resiliency and redundancy improvements, infiltration projects, treatment systems, and storage enhancements.
2. Maximize annual street paving and sidewalk repair by leveraging multiple sources of federal, state, county and private funding.
3. Beautify the Civic Center through investment in public buildings, landscaping and infrastructure, including modernizing the City’s Police Station and City Hall.

VII. FORGE FINANCIAL STRENGTH AND STABILITY

The City of San Fernando is committed to managing taxpayer funds responsibly, growing the City’s revenue streams and protecting minimum reserve balances in accordance with adopted Comprehensive Financial Policies:

1. Ensure transparency and engagement opportunities for stakeholders to provide input on management of City resources, including special tax measures and budget priorities.
2. Review and update the City’s Comprehensive Financial Policies biannually.
3. Implement strategies to reduce long-term pension and other post-employment benefits (i.e. retiree health) liabilities.
4. Focus on grant funding to raise significant resources to implement strategic goals and priority projects
5. Continue to submit and receive the Government Financial Officers Association (GFOA) Awards for Excellence in Financial Reporting and Budget Preparation.

VIII. EMERGENCY PREPAREDNESS: SUPPORTING THE COMMUNITY

The City of San Fernando is committed to preparing City staff and community members to be safe before, during, and after an emergency or natural disaster, including but not limited to, earthquakes, wildfires, wind events, extreme heat, floods, and pandemics. Effective emergency management requires adequate training and preparation before an emergency, decisive action and coordination during the response, leveraging resources during the recovery, and providing timely information and clear communication throughout:

1. Continually review and update the Emergency Operations Plan, including providing Emergency Operations Center training to City staff and emergency response personnel to ensure effective inter-department and inter-agency coordination during an emergency response. Increase capability to disseminate timely and relevant information to the community through effective communication channels and community partners.
2. Foster relationships with regional agencies, local businesses, and community based organizations to improve the City's emergency response capacity through partnerships and mutual aid.
3. Increase capability to disseminate timely and relevant information to the community through effective communication channels and community partners.
 - a) Leverage community partnerships to maximize outreach for vaccine distribution, updated health order information, financial programs available to residents and businesses, and available technical/financial assistance programs.
 - b) Utilize emergency communication capability (ALERT San Fernando) appropriately to ensure important information is actively pushed out to the community.
4. Leverage federal, state, and regional resources through the Federal Emergency Management Agency (FEMA), California Office of Emergency Services (CalOES), mutual aid from Los Angeles County and surrounding cities to increase our capacity and ability to effectively prepare, respond, and recover from an emergency.

FINANCIAL INFORMATION

The City maintains its accounting system with due consideration given to the adequacy of internal accounting controls. These controls are designed to provide reasonable, but not absolute, assurance that assets are adequately safeguarded from waste, fraud and inefficient use. The financial records maintained allow for the preparation of financial statements in conformity with Generally Accepted Accounting Principles. The concept of reasonable assurance recognizes that: (1) the cost of a control should not exceed the benefits likely to be derived; and (2) the evaluation of costs and benefits requires estimates and judgments by management.

Significant Financial Events

The Governmental Accounting Standards Board (GASB) is a private, non-governmental organization that creates accounting reporting standards, or generally accepted accounting principles (GAAP), for state and local governments. Changes in accounting policies issued by the Board, known as GASB Statements, will impact how the City reports and compiles its financial report. During the fiscal year ended June 30, 2023, the City implemented the following new GASB Pronouncement.

GASB Statement No. 96 – Subscription-based Information Technology Arrangements

The requirements of this Statement will improve financial reporting by establishing a definition for Subscription-based Information Technology Arrangements (SBITAs) and providing uniform guidance for accounting and financial reporting for transactions that meet that definition. That definition and uniform guidance will result in greater consistency in practice. Establishing the capitalization criteria for implementation costs also will reduce diversity and improve comparability in financial reporting by governments. This Statement also will enhance the relevance and reliability of the City's financial statements by requiring the City to report a subscription asset and subscription liability for a SBITA and to disclose essential information about the arrangement. The disclosures will allow users to understand the scale and important aspects of the SBITA activities and evaluate those obligations and assets resulting from SBITAs.

The new guidance is effective for fiscal years beginning after June 30, 2023.

OTHER INFORMATION

Government Finance Officers Association Certificate of Achievement Award

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the City of San Fernando for its comprehensive annual financial report for the fiscal year ended June 30, 2022. This was the 39th consecutive year that the City has received this prestigious award. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and all applicable legal requirements.

Honorable Mayor and City Council Members

Residents of San Fernando

Page 18 of 18

A Certificate of Achievement is valid for a period of one year only. The City believes that the current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements and will submit it to the GFOA to determine its eligibility for the 2023 certification.

Acknowledgments

The preparation of the Annual Comprehensive Financial Report on a timely basis was made possible by the dedicated service of the Finance Department staff. This report would not have been accomplished without their support and without the dedication of the audit firm Van Lant & Fankhanel, LLP. Each contributing member of the City staff has my sincere appreciation for the contributions made in the preparation of this report. I would also like to thank the members of the current City Council for their interest and commitment to conducting the financial operations of the City in a responsible and fiscally prudent manner and setting a course for the City that is both progressive and positive.

Respectfully Submitted,



Erica D. Melton
Director of Finance/City Treasurer



THE CITY OF SAN FERNANDO

DIRECTORY OF OFFICIALS

FISCAL YEAR 2022-2023

ELECTED OFFICIALS

CITY COUNCIL

MAYOR

CELESTE T. RODRIGUEZ

VICE MAYOR

MARY MENDOZA

COUNCILMEMBERS

JOEL FAJARDO

CINDY MONTAÑEZ

MARY SOLORIO

EXECUTIVE MANAGEMENT

CITY MANAGER

NICK KIMBALL

DEPUTY CITY MANAGER/ECONOMIC DEVELOPMENT

KANIKA KITH

CHIEF OF POLICE

FABIAN VALDEZ

CITY CLERK

JULIA FRITZ

DIRECTOR OF COMMUNITY DEVELOPMENT

VACANT

DIRECTOR OF FINANCE/CITY TREASURER

ERICA D. MELTON

DIRECTOR OF PUBLIC WORKS

VACANT

DIRECTOR OF RECREATION AND
COMMUNITY SERVICES

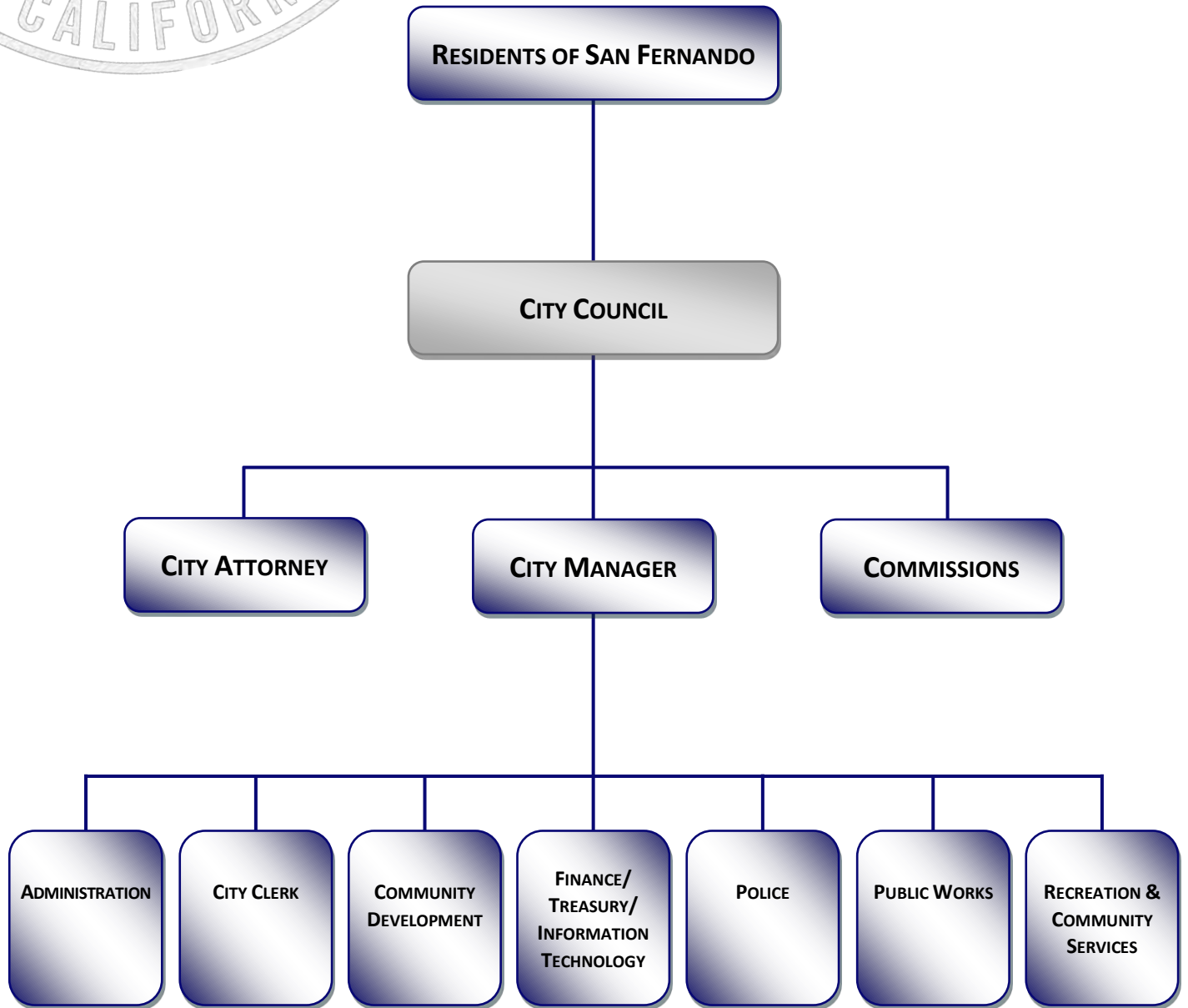
JULIAN J. VENEGAS



THE CITY OF SAN FERNANDO

ORGANIZATIONAL CHART

FISCAL YEAR 2022-2023



ELECTED
OFFICIAL



Government Finance Officers Association

Certificate of
Achievement
for Excellence
in Financial
Reporting

Presented to

**City of San Fernando
California**

For its Annual Comprehensive
Financial Report
For the Fiscal Year Ended

June 30, 2022

Christopher P. Morill

Executive Director/CEO

FINANCIAL SECTION

Independent Auditor's Report

The Honorable City Council
City of San Fernando, California

Report on the Financial Statements

Opinions

We have audited the accompanying financial statements of the governmental activities, business-type activities, each major fund, and the aggregate remaining fund information of the City of San Fernando (City), as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the City's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the governmental activities, business-type activities each major fund, and the aggregate remaining fund information of the City of San Fernando, as of June 30, 2023, and the respective changes in financial position, and, where applicable, cashflows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the City and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to error or fraud.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the City's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and

therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the City's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and other required supplementary information, as listed in the table of contents, be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the City's basic financial statements. The accompanying combining statements and budget schedules, as listed in the table of contents, are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and

was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combining statements, as listed in the table of contents, are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Information

Management is responsible for the other information included in the annual report. The other information comprises the introductory and statistical sections but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued a report dated February 28, 2024, on our consideration of the City's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the City's internal control over financial reporting and compliance.

A handwritten signature in black ink that reads "Van Lant & Fankhaenel, LLP". The signature is written in a cursive, flowing style.

February 28, 2024

CITY OF SAN FERNANDO
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023

This section of the Annual Comprehensive Financial Report provides a narrative overview and analysis of the financial activities of the City of San Fernando (City) for the fiscal year ended June 30, 2023. As management of the City, we encourage readers to consider the information presented here in conjunction with additional information we have furnished in our letter of transmittal, which can be found beginning on pages i - xii, and the City's financial statements beginning on page 39.

FINANCIAL HIGHLIGHTS

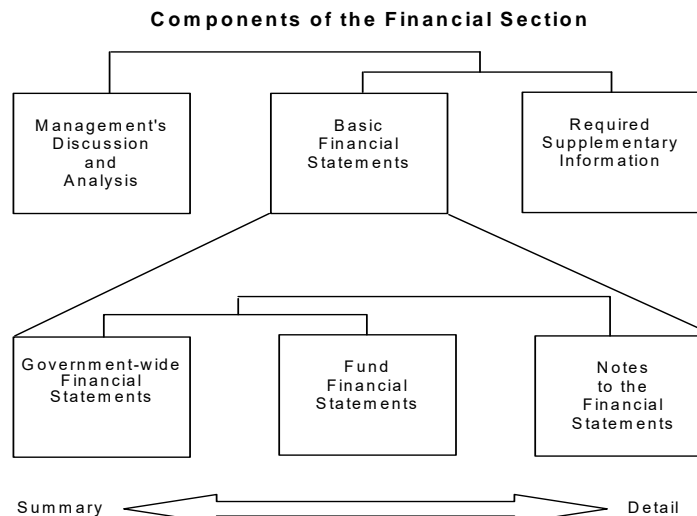
The following are some key financial highlights for the fiscal year ending June 30, 2023:

- ↑ The City's total net position increased from \$8,536,951 as of June 30, 2022 to \$14,392,968 as of June 30, 2023 for a total increase of \$5,855,996 or 68.22%. Additional information on the increase in net position is discussed in more detail in the Government-wide Financial Analysis beginning on page 6.
- ↓ The City's total unrestricted net position grew from (\$78,309,011) at June 30, 2022 to (\$88,785,529) at June 30, 2023 for a total decline of \$10,476,534, or 13.38%.
- ↓ The City's total fund balances for governmental funds decreased from \$38,988,537 as of June 30, 2022 to \$24,773,307 as of June 30, 2023 for a total decrease of \$14,215,239 or 36.46%.
- ↑ The total fund balance for the General Fund increased from \$10,231,040 as of June 30, 2022 to \$10,282,877 as of June 30, 2023 for a total increase of \$51,836 or 0.51%. Fund balance is classified per GASB Statement No. 54 as Nonspendable: \$33,955 and Unassigned: \$10,248,922. Additional information on fund balances is located in Note 1.
- ↓ The combined fund balance for the City's other governmental funds, excluding the General Fund, decreased from \$28,757,497 as of June 30, 2022 to \$14,490,430 as of June 30, 2023 for a total decrease of \$14,267,075, or 49.61%.

OVERVIEW OF THE FINANCIAL STATEMENTS

This annual report consists of four parts: 1) Management's Discussion and Analysis, 2) the basic financial statements, 3) required supplementary information, and 4) *optional* combining statements for non-major governmental funds.

The City's basic financial statements are comprised of three components: 1) Government-wide Financial Statements 2) Fund Financial Statements and 3) Notes to the Financial Statements.



Government-wide Financial Statements

The Government-wide Financial Statements are designed to present financial information about the City as a whole in a manner similar to a private-sector business, including the use of accrual-based accounting to recognize revenues and expenses. *Governmental activities*, which are principally supported by taxes and intergovernmental revenues, are reported separately from *business-type activities*, which rely primarily on user fees and charges to fund operations. *Governmental activities* include those traditionally associated with local government, such as public safety, public works, community development, recreation, and general government (administrative) functions. *Business-type activities* include the City's water and wastewater utility operations and Compressed Natural Gas (CNG) fueling station.

The Statement of Net Position presents information on all of the City's assets, including capital assets, and all related current liabilities and long-term obligations. The difference between total assets and total liabilities is presented as net position, which serves as a measure of the financial health of the City. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the City is improving or deteriorating.

The Statement of Activities presents information showing how the City's net position changed during the most recent fiscal year. Decreases in net position are presented as "Expenses;" increases in net position are presented as "Revenues." Revenues directly attributable to a particular function within the City are presented as "Program Revenues." Tax revenues, including those restricted to a particular program function, are reported as "General Revenues" unless specifically required to be reported as program revenues.

All changes in net position are reported as soon as the underlying event giving rise to the change occurs, *regardless of the timing of related cash flows*. Thus, revenues and expenses are reported in this statement for some items that will only affect cash flows in future fiscal periods (e.g., revenues pertaining to uncollected taxes, or expenses pertaining to earned, but unused, vacation and sick leave).

The government-wide financial statements include the City (known as the primary government) and the San Fernando Public Financing Authority, which is a legally separate entity. The City is financially accountable for this entity and financial information for this blended component unit is reported within the financial information presented for the primary government itself.

The government-wide financial statements can be found beginning on page 23 of this report.

Fund Financial Statements

The City, like other state and local governments, uses fund accounting for recording its financial activities. In general, fund accounting provides a mechanism to separately account for a variety of different funding sources and enables the City to demonstrate compliance with legal and/or contractual requirements that may be associated with these funds. Thus, the accompanying fund financial statements present individual funds organized into one of three categories: Governmental, Proprietary, or Fiduciary Funds. Note that the fund financial statements only present information on the most significant (i.e. "major") funds on the face of the statements. Nonmajor funds are grouped and presented in total on the face of the statements. In addition, the fund financial statements include a schedule that reconciles the fund financial statements to the government-wide financial statements. This is designed to explain the differences created by the integrated approach to ensure and demonstrate compliance with finance-related legal requirements.

Governmental Funds. Most of the City's basic services are reported in governmental funds. Governmental funds include the General Fund, Special Revenue, Capital Projects, and Debt Service funds. In the fund financial statements, all governmental fund types are reported using the modified accrual basis of accounting, whereby revenues are generally recognized when measurable and available to finance current operating costs, and expenditures are recognized when the related liability is incurred. In addition, the focus is on inflow (revenues) and outflow (expenditures) of the current period. As such, the balance sheets of governmental funds are intended to present only short-term assets and liabilities.

The fund financial statements include separate columns, by fund type, for all "Major" governmental funds of the City. All "Nonmajor" governmental funds are consolidated into a single column labeled "Other Governmental

Fund Financial Statements (cont.)

Funds.” The details of these funds are included in the Combining and Individual Fund Statements and schedules located in the supplementary information section of this report on pages 76-110.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for *governmental funds* with similar information presented for *governmental activities* in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the City’s near-term financial decisions. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures and changes in fund balances provide a reconciliation to facilitate this comparison between *governmental funds* and *governmental activities*.

The City maintains 30 individual governmental funds. Information is presented separately in the governmental fund balance sheet and in the governmental fund statement of revenues, expenditures and changes in fund balances for the General Fund, Retirement Tax Fund and Capital Grants. Data from the other 27 governmental funds are combined into a single, aggregated presentation of “Other Governmental Funds.” Individual fund data for each of these non-major governmental funds is provided in the form of *combining statements* in the *non-major governmental funds supplementary information* section of this report.

The City adopts an annual appropriated budget for its General Fund. A budgetary comparison statement has been provided for the General Fund to demonstrate its compliance with this budget.

Proprietary Funds. Proprietary funds are used to account for services provided to external customers or other City departments and funds that are primarily funded from user fees and charges. Proprietary funds use the accrual basis of accounting and measure the balance and change in *total economic* resources. Accordingly, balance sheets of proprietary funds include all assets and liabilities, including long-term receivables, capital assets, and long-term liabilities. The basis of accounting and measurement focus used to prepare proprietary fund statements is the same that is used to prepare the government-wide statements. Thus, proprietary fund statements provide the same, but more detailed, information about these funds, which are included in the “Business-Type Activity” column of the government-wide statements.

The City maintains two different types of proprietary funds: *Enterprise and Internal Service*.

- *Enterprise funds* are used to report the same functions presented as business-type activities in the government-wide financial statements. The City currently uses enterprise funds to account for the following activities: 1) water operations, 2) sewer operations, 3) compressed natural gas (CNG) fueling station operations, and 4) refuse operations.
- *Internal Service funds* are used by the City to account for its intra-city services. The City currently uses three internal service funds: 1) Equipment Maintenance and Replacement Fund, 2) Facility Maintenance Fund and 3) Self Insurance Fund.

Because internal service funds predominantly benefit governmental rather than business-type functions, they have been included within *governmental activities* in the government-wide financial statements. Internal service funds are combined into a single, aggregated presentation in the proprietary funds financial statements. Individual fund data for the internal service funds is provided in the form of *combining statements* in the supplementary information section.

The basic proprietary fund financial statements can be found beginning on page 32 of this report.

Fiduciary Funds. Fiduciary funds are used to account for resources held by the City as trustee on behalf of other agencies or individuals. Fiduciary funds are *not* presented in the accompanying government-wide financial statements since the resources of those funds are *not* available to support the City’s programs. The basis of accounting used for the fiduciary funds is similar to what is used for the proprietary funds. The fiduciary funds financial statements are located in the basic financial statements section of this report.

Fund Financial Statements (cont.)

The City uses fiduciary funds to account for the activities of the Successor Agency to the San Fernando Redevelopment Agency and one other small agency fund where the City serves as custodian.

Notes to Basic Financial Statements

The notes to basic financial statements provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements. The notes to the basic financial statements can be found beginning on page 34 of this report.

Other Information

In addition to the basic financial statements and accompanying notes, this report also presents certain *required supplementary information* beginning on page 85 of this report. This section includes a comparison of budgeted to actual results for the general and major special revenue funds.

The combining statements referred to earlier in connection with non-major governmental funds are presented immediately following *the required supplementary information*. Combining and individual fund statements and schedules can be found beginning on page 76 of this report.

Government-wide Financial Analysis

Statement of Net Position

As noted earlier, net position may serve over time as a useful indicator of the City's financial position. In fiscal year 2022-2023, the City's net position increased from \$8,536,951 as of June 30, 2022 to \$14,392,968 as of June 30, 2023 for a total increase of \$5,855,996 or 68.60%.

Total assets increased by \$15,786,340 or 12.17% due primarily to increased Grants and Capital Assets. The increase in Grant funding is attributable to significant efforts and coordination of City Staff, as directed by the City Council Strategic Priorities and reinforced via the approved City Legislative Platform. The combination of priorities and platform have enabled City staff to formalize appropriation requests to state and federal legislators to secure financial support for City programs and initiatives while building partnerships with other federal and state government entities. Much of the grant-funded areas have focused on capital projects, which has concurrently led to significant enhancements in value to City-wide capital assets.

Total liabilities also decreased during the fiscal year by \$19,621,853 or 14.44% from the prior year due to significant declines in the City's long-term liabilities; refer to Note 7. Additional information related to the City's pension benefits/liability and Other Post-Employment Benefits (OPEB) benefits/liability can be found in Notes 8 and 9, respectively.

The largest portion of the City's net position, \$79,192,763 reflects its investment in capital assets (e.g., land, buildings, infrastructure, machinery and equipment, etc.) less any related debt used to acquire those assets that is still outstanding. The City uses these capital assets to provide services to citizens; consequently, these assets are not available for future spending.

A portion of the City's net position, \$23,985,734 represents resources that are subject to external restrictions on how they may be used. The remaining balance of unrestricted net position, if any, may be used to meet the government's ongoing obligations to citizens and creditors.

As of June 30, 2023, the City is reporting positive net positions balances in only two categories: 1) Net Investment in Capital Assets, and 2) Restricted; the City's government-wide unrestricted net position reflects a deficit of \$88,785,529. This large deficit is the result of long-term liabilities, most notably, pension and OPEB liabilities as detailed in Notes 7, 8 and 9.

CITY OF SAN FERNANDO
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023

Government-wide Financial Analysis (cont.)

The following table summarizes the Statement of Net Position for Governmental and Business-Type Activities for the fiscal year ended June 30, 2023, with comparative totals for the fiscal year ended June 30, 2022.

Summary of Net Position

	<u>Governmental Activities</u>		<u>Business-type Activities</u>		<u>Total</u>	
	2023	2022	2023	2022	2023	2022
Assets:						
Current and other assets	\$ 53,191,569	\$ 55,513,453	\$ 9,875,409	\$ 11,836,450	\$ 63,066,978	\$ 67,349,903
Capital assets	66,052,260	47,191,501	16,391,881	15,183,375	82,444,141	62,374,876
Total assets	119,243,829	102,704,954	26,267,290	27,019,825	145,511,119	129,724,779
Deferred Outflows of Resources:	31,687,884	43,586,827	4,738,991	7,453,296	36,426,875	51,040,123
Liabilities:						
Current and other liabilities	16,161,634	12,869,195	2,301,902	1,954,003	18,463,536	14,823,198
Long-term liabilities	85,374,305	104,494,256	12,400,194	16,542,434	97,774,499	121,036,690
Total liabilities	101,535,939	117,363,451	14,702,096	18,496,437	116,238,035	135,859,888
Deferred Inflows of Resources:	44,999,393	30,941,667	6,307,598	5,426,376	51,306,991	36,368,043
Net position:						
Net Investment in Capital Assets	63,770,882	40,754,134	15,421,881	13,946,274	79,192,763	54,700,408
Nonspendable	-	-	-	-	-	-
Restricted	23,985,734	32,145,559	-	-	23,985,734	32,145,559
Unrestricted	(83,360,235)	(74,913,031)	(5,425,294)	(3,395,964)	(88,785,529)	(78,308,995)
Total net position	\$ 4,396,381	\$ (2,013,338)	\$ 9,996,587	\$ 10,550,310	\$ 14,392,968	\$ 8,536,972

Statement of Activities

As previously discussed, the Statement of Net Position provides a measure of the financial health of an entity at a specific date in time (i.e. year-end). In contrast, the Statement of Activities provides details of how net position changed from the prior year. Generally, it indicates whether the financial health of the City as a whole is better at June 30, 2023, in relation to a year earlier.

The City's total net position increased from \$8,536,951 as of June 30, 2022 to \$14,392,968 as of June 30, 2023 for a total increase of \$5,855,996 or 68.60%. Key elements of this increase are as follows:

- ❖ Net position of governmental activities increased from (\$2,013,338) as of June 30, 2022 to \$4,396,381 as of June 30, 2023; a total increase of \$6,409,719. The 318.36% change is primarily attributable to \$9,554,385 growth in capital grants and contributions revenue.

CITY OF SAN FERNANDO
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023

Government-wide Financial Analysis (cont.)

- ❖ Net position of business-type activities decreased from \$10,550,310 as of June 30, 2022 to \$9,996,587 as of June 30, 2023; a total decrease of \$553,723 or 5.25%. The decrease is due to investment losses.

The following table summarizes the Statement of Activities for Governmental Activities and Business-Type Activities for the fiscal year ended June 30, 2023, with comparative totals for the fiscal year ended June 30, 2022.

City of San Fernando Government-wide Financial Statements Summary of Activities						
	<u>Governmental Activities</u>		<u>Business-type Activities</u>		<u>Total</u>	
	2023	2022	2023	2022	2023	2022
Revenues						
Program revenues						
Charges for services	\$ 3,273,502	\$ 2,405,111	\$ 9,767,925	\$ 9,240,331	\$ 13,041,427	\$ 11,645,442
Operating grants and contributions	9,205,604	6,089,498	-	-	9,205,604	6,089,498
Capital grants and contributions	16,944,785	7,390,400	-	-	16,944,785	7,390,400
General revenues						
Taxes	27,797,731	25,007,455	-	-	27,797,731	25,007,455
Investment loss and other	143,115	20,331	109,415	(425,637)	252,530	(405,306)
Total revenue	57,364,737	40,912,795	9,877,340	8,814,694	67,242,077	49,727,489
Expenses						
General government	8,535,396	11,508,546	-	-	8,535,396	11,508,546
Public safety	23,133,497	20,651,820	-	-	23,133,497	20,651,820
Community development	1,450,838	3,047,990	-	-	1,450,838	3,047,990
Public works	6,732,859	2,872,863	-	-	6,732,859	2,872,863
Parks and recreation	3,039,015	2,134,123	-	-	3,039,015	2,134,123
Capital Outlay	-	-	-	-	-	-
Interest and fiscal charges	817,025	417,763	-	-	817,025	417,763
Water operations	-	-	7,102,186	6,855,816	7,102,186	6,855,816
Sewer operations	-	-	2,602,834	5,312,532	2,602,834	5,312,532
CNG operations	-	-	496,035	164,488	496,035	164,488
Refuse operations	-	-	10,000	3,403	10,000	3,403
Total expenses	43,708,630	40,633,105	10,211,055	12,336,239	53,919,685	52,969,344
Excess or (Deficiency) before transfers	13,656,107	279,690	(333,715)	(3,521,545)	13,322,392	(3,241,855)
Transfers In (Out)	220,008	161,023	(220,008)	(161,023)	-	-
Change in Net Position	13,876,115	440,713	(553,723)	(3,682,568)	13,322,392	(3,241,855)
Net position – beginning	(2,013,344)	(2,454,057)	10,550,310	14,232,878	8,536,966	11,778,821
Prior Period Adjustment	(7,466,390)	-	-	-	(7,466,390)	-
Net position – ending	\$ 4,396,381	\$ (2,013,344)	\$ 9,996,587	\$ 10,550,310	\$ 14,392,968	\$ 8,536,966

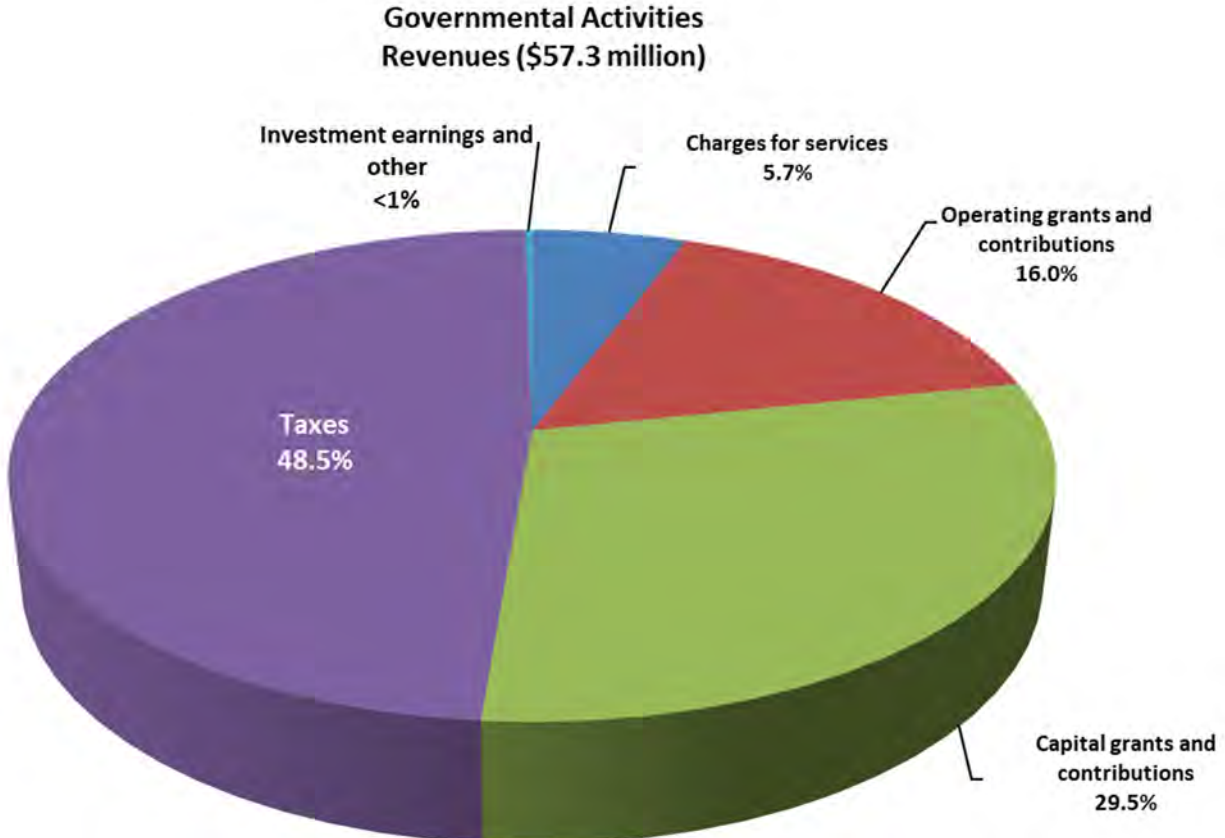
Government-wide Financial Analysis (cont.)

Revenue Highlights

Total governmental activities revenues were \$57,364,737; an increase of \$16,451,942 or 40.21% from 2022. The largest component of governmental activities' revenue are taxes, which generate \$27,797,731 making up 48.46% of total governmental activities' revenues. This is consistent with the nature and purpose of governmental funds, particularly the General Fund, where programs are largely supported by general taxes. The highest tax revenues received by the General Fund include Property Tax (\$12.7 million), Sales and Use Tax (\$12.0 million), and Business License Tax (\$1.8 million). Some key changes in revenues include:

- Property tax revenue increased by \$2,459,661 or 24.12% compared to the prior year. Property tax revenue had shown a significant growth due to assessment value increases in part due to commercial property changes in ownership as well as residential home improvements.
- Sales and Use tax revenue increased by \$123,271 or 1.03% compared to the prior year. Sales taxes have been demonstrating accelerated post-COVID growth but have now stabilized.
- While business license revenue is sensitive to economic conditions, 2023 demonstrated continued business recovery with an increase \$145,865 or 8.74% growth compared to the prior year.

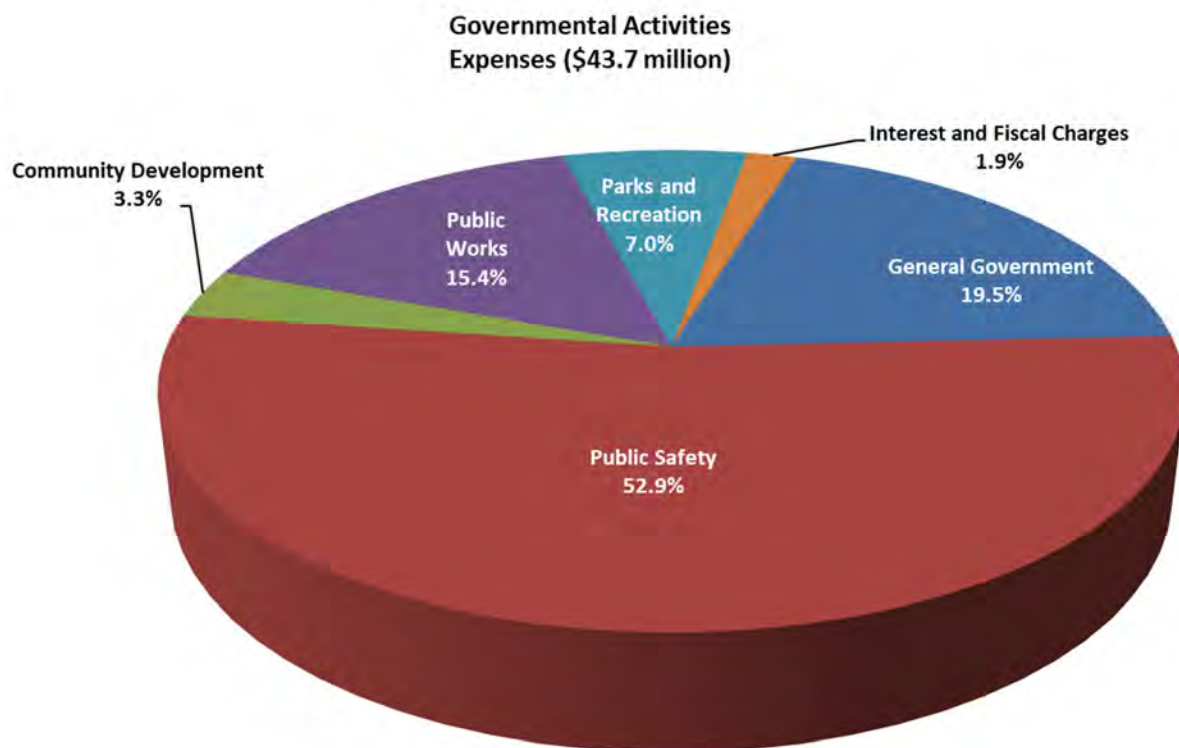
The governmental activities pie chart below illustrates operating revenues by source (excluding transfers). Taxes, which include sales and use, property, motor vehicle license, business and other taxes are general revenues used to support overall government functions. These sources account for approximately 49% of total governmental revenue. Charges for services make up 6% of revenues while operating and capital grants and contributions amount to 30% of total governmental revenues.



Governmental Activities (cont.)

Expense Highlights

Functional expenses for fiscal year 2022-2023 governmental activities totaled \$43,708,630, an increase of \$3,075,525 or 7.6% from the prior year. Public Safety activities, consisting of the San Fernando Police Department and Fire Services contract with the Los Angeles Fire Department, accounted for approximately \$23.1 million (53%) and Public Works activities accounted for approximately \$6.7 million (15%) of the total expenses in the governmental funds. General Government expenses (including City Council, City Manager, City Clerk, Information Technology, Finance, Human Resources, and City Attorney contract) also accounted for approximately \$8.5 million (20%) of total expenses. Community Development (\$1.5 million), and Recreation and Community Services (\$3.0 million) account for the remaining 10% of expenses.



Business-Type Activities

The net position of business-type activities decreased from \$14,232,878 as of June 30, 2022 to \$10,550,310 as of June 30, 2023; a total decrease of \$3,682,568, or 25.87%. A water and sewer rate study was last completed in 2019 and new rates were effective on January 1, 2020. While revenue increased \$527,954 or 5.4% over the prior year due to an updated rate schedule that ensures that fees charged to customers are sufficient to meet the cost of operating the water and sewer system, these increases were offset by increased expenditures for capital costs to replace aging water and sewer main lines. With 2023-2024 being the last year of the current rate schedule, a new water and sewer rate study is being planned for 2024-2025.

The City's Water Utility and Sewer/Wastewater operations are the two largest business-type operations, with charges for service being the primary funding source. The Summary of Activities chart presented on page 14 shows a comparison of program revenues to expenses to prior year for each of the City's business-type activities.

**CITY OF SAN FERNANDO
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023**

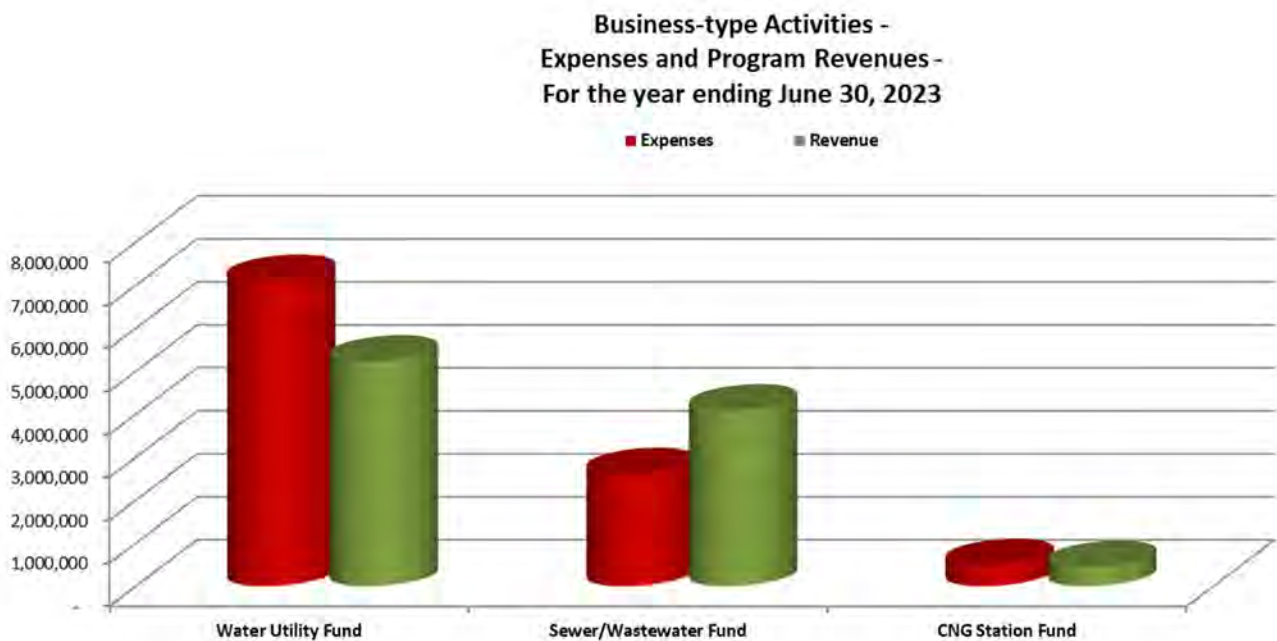
Business-Type Activities (cont.)

Revenue Highlights

Program revenues for the fiscal year ended June 30, 2023 were approximately \$9.8 million; an increase of \$527,594 or 5.71%, from 2022. Increases are attributable to incremental escalations over the life of the current rate schedule. Overall revenues increased by \$1,062,646 or 12.06% as a result of program revenues coupled with investment gains.

Expense Highlights

Total expenses for the fiscal year ended June 30, 2023 were approximately \$10.2 million, a decrease of \$2,125,184 or 17.23%, from 2022. The City's water and wastewater (sewer) infrastructure is aging and many sections are in need of replacement. Many of the significant emergency capital expenditures to repair collapsed water and sewer main lines were initiated in the prior year, with several projects nearing completion.



GOVERNMENTAL FUNDS FINANCIAL ANALYSIS

As noted earlier, the City uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

Governmental Funds. The focus of the City's *governmental funds* is to provide information on near-term inflows, outflows and balances of *spendable* resources. Such information may be useful in assessing the City's financing requirements. In particular, *unassigned fund balance* may serve as a useful measure of the City's net resources available for spending at the end of the fiscal year.

The combined ending fund balances in the City's governmental funds decreased from \$38,988,546 as of June 30, 2022 to \$24,773,307 as of June 30, 2023; a total decrease of \$14,215,239 or 36.46%. The City's governmental funds report an *unassigned* fund balance of \$794,436, which is a \$9,110,835 or 91.98% decrease from June 30, 2022.

CITY OF SAN FERNANDO
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023

GOVERNMENTAL FUNDS FINANCIAL ANALYSIS (cont.)

The remainder of the fund balance is either nonspendable or restricted to indicate that it is not available for new spending because it has already been reserved for the following:

- 1) \$34,850 for prepaid items;
- 2) \$23,944,021 restricted for transportation, housing, air pollution, parks and recreation, public safety, community development and retirement.

**Summary of Governmental Funds
Balance Sheet**

	2023	2022
Assets:		
Cash and Investments	\$ 30,878,502	\$ 41,919,444
Other assets	27,614,861	13,892,409
Total assets	58,493,363	55,811,853
Liabilities:		
Accounts Payable	8,805,321	4,733,945
Other liabilities	12,069,969	7,689,631
Total liabilities	20,875,290	12,423,576
Total deferred Inflows of Resources	12,844,766	4,399,731
Fund balances:		
Nonspendable	34,850	7,384
Restricted	23,944,021	29,075,891
Unassigned	794,436	9,905,271
Total fund balances	\$ 24,773,307	\$ 38,988,546
Total Fund Bal - Excluding GF	\$ 14,490,430	28,757,505

The following is a summary of significant changes to fund balance in the major governmental funds.

General Fund. The General Fund is the chief operating fund of the City. The General Fund's fund balance decreased only slightly from \$10,231,041 as of June 30, 2022 to \$10,282,877 as of June 30, 2023; a total increase \$51,836. This nominal impact is highlighted as the fund balance was projected lower at \$7.5M due to adjusted FY2022-2023 expenditures which included an unanticipated \$2.5M in additional appropriations towards the Police Department HVAC Facility project. Higher than expected revenues offset the adjusted budget in addition to total actual expenditures ending under budget. In 2013, San Fernando voters approved a ½-cent local transaction tax (Measure A) for a period of seven years. In 2008, voters approved to extend the tax indefinitely. In November 2020, voters approved an additional 0.25% local transaction tax (Measure SF). The collection of transaction tax revenues has been imperative to the City's deficit elimination plan, in addition to providing a long-term financial stability.

Retirement Tax Fund. The Retirement Tax Fund is a special revenue fund used to account for the City's special property tax levy that is restricted to pay City employees' pension obligation to CalPERS. The fund balance increased from \$9,435,544 as of June 30, 2022 to \$10,381,204 as of June 30, 2023; a total increase of \$945,660 or 10.02%. Tax

CITY OF SAN FERNANDO
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023

revenues for the year, increased due to higher assessed values in San Fernando and an increase in employee pension contributions implemented through labor negotiations. Assets in the Retirement Tax fund are restricted to pay the City's long-term pension obligation to CalPERS.

Capital Grants Fund. The Capital Grants Fund is a special revenue fund used to account for grants from another governmental agency or other organizations and are restricted for specific capital projects. The fund balance decreased from \$7,340,127 as of June 30, 2022 to a deficit of (\$8,501,762) as of June 30, 2023. In most cases grant agencies issue reimbursable grants, for which this is the case as the City has a significant volume of deferred revenue in process as capital projects are completed. As the City receives more grant funding, a more in-depth grant policy is under development to enhance management and reporting of funds.

PROPRIETARY FUNDS FINANCIAL ANALYSIS

Unlike governmental funds, proprietary funds use the accrual basis of accounting for financial statement purposes. Accordingly, information reported for the individual fund statements is very similar to that presented as Business-Type Activities in the government-wide statements. Government-wide reporting requires the inclusion of activities of the City's internal service funds related to proprietary fund activities in the Business-Type Activities. Therefore, the following analysis is very similar to that presented for Business-Type Activities.

Enterprise Funds. Total net position decreased from \$10,550,306 as of June 30, 2022 to \$9,996,587 as of June 30, 2023; a total decrease of \$553,719 or 5.25%. The decrease is due to capital project expenditures associated with water treatment system repairs and investment losses.

Internal Service Funds. The City's internal service funds are an accounting device used to accumulate and allocate costs internally among the City's various functions. Services provided by internal service funds have been allocated to governmental functions, based on user percentages, in the government-wide financial statements. The City uses internal service funds to account for facility maintenance, vehicle maintenance and replacement, and insurance premiums and claims costs. The total net position of the internal service funds decreased from (\$772,671) as of June 30, 2022 to (\$2,166,154) as of June 30, 2023; for a total decrease of \$1,393,483, or 180.35%. This change was due to a significant increase in claims payable for unresolved liability and workers' compensation claims. The City will be developing a plan to offset current claims liabilities to reduce the deficit in addition to mitigating future risks.

GENERAL FUND BUDGETARY HIGHLIGHTS

The General Fund is the main operating fund of the City. Its revenues are primarily derived from taxes and charges for services, which are used to pay for the traditional services provided by local government - public safety, parks and recreation, community development (building and planning), and public works.

Revenues. Actual General Fund revenues were \$25,353,528 in Fiscal Year 2022-2023, compared to the \$23,400,098 final budget; a difference of \$1,953,430, or 8.35%. The difference is predominately due to additional sales and use tax, business license tax and property tax revenue.

Summary of General Fund Expenditures					
Budget and Actual					
June 30, 2023					
	Budgeted Amounts		Actual Amounts	Variance with Final Budget	
	Original	Final		Positive(Negative)	
REVENUES					
Taxes	\$ 17,957,820	\$ 18,103,878	\$ 20,049,742	\$ 1,945,864	
Licenses and Permits	360,700	360,700	477,454	116,754	
Charges for Services	781,774	781,774	665,499	(116,275)	
Fines and Forfeitures	465,600	465,600	418,240	(47,360)	
Investment Earnings	608,589	608,589	557,907	(50,682)	
Intergovernmental	3,036,557	3,036,557	3,123,012	86,455	
Other	43,000	43,000	61,674	18,674	
Total Revenues	23,254,040	23,400,098	25,353,528	1,953,430	

CITY OF SAN FERNANDO
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023

GENERAL FUND BUDGETARY HIGHLIGHTS (cont.)

Expenditures. Actual General Fund expenditures were \$22,713,498 in Fiscal Year 2022-2023, compared to the \$23,699,251 final budget; a difference of \$985,753 or 4.16%. The variance is a result of continued prudent financial decisions to contain costs while maintaining core services.

Summary of General Fund Expenditures
Budget and Actual
June 30, 2023

	Budgeted Amounts		Actual	Variance with
	Original	Final	Amounts	Final Budget
				Positive(Negative)
EXPENDITURES				
Current:				
General Government:				
City Council	179,000	179,000	162,770	16,230
Administration	492,350	492,350	515,830	(23,480)
Personnel	403,205	403,205	376,507	26,698
City Attorney	153,914	430,792	476,414	(45,622)
City Clerk	271,828	271,828	258,560	13,268
Elections	61,641	61,641	38,678	22,963
Financial Management	711,617	711,617	684,654	26,963
Information Technology	519,271	519,839	365,113	154,726
Retirement and Nondepartmental	1,608,088	1,435,795	908,851	526,944
Public Safety:				
Police	10,268,099	10,279,008	10,870,792	(591,784)
Fire	3,150,000	3,062,793	3,062,793	-
Community Development	1,675,707	1,744,578	1,292,723	451,855
Public Works	2,297,295	2,371,202	2,014,085	357,117
Parks and Recreation	1,709,930	1,710,961	1,656,096	54,865
Capital Outlay	-	-	4,990	(4,990)
Debt Service	-	24,642	24,642	-
Total Expenditures	23,501,945	23,699,251	22,713,498	985,753
Excess (Deficiency) of Revenues over Expenditures	(247,905)	(299,153)	2,640,030	2,939,183
OTHER FINANCING SOURCES (USES)				
Transfers In	520,000	520,000	520,000	-
Transfers Out	(281,333)	(3,309,885)	(3,108,194)	201,691
Total Other Financing Sources (Uses)	238,667	(2,789,885)	(2,588,194)	201,691
Net Change in Fund Balances	(9,238)	(3,089,038)	51,836	3,140,874
Fund Balance, Beginning of Year	10,231,041	10,231,041	10,231,041	-
Fund Balance, End of Year	\$ 10,221,803	\$ 7,142,003	\$ 10,282,877	\$ 3,140,874

CITY OF SAN FERNANDO
MANAGEMENT'S DISCUSSION AND ANALYSIS
JUNE 30, 2023

CAPITAL ASSET AND DEBT ADMINISTRATION

Capital Assets. The City's investment in capital assets for its governmental activities, net of accumulated depreciation, amounts to \$66,052,260 as of June 30, 2022. This investment in capital assets includes land, buildings, improvements other than building, infrastructure (roads, sidewalks, streetlights, etc.), and machinery and equipment. The total change in the City's investment in capital assets through June 30, 2022 was \$18,860,758 due to street, facility, water and other capital improvements completed during the year. Additional information on the City's capital assets can be found in Note 4 to the basic financial statements on pages 49-50 of this report.

Capital Assets (Note 4)
Net of Accumulated Depreciation
June 30, 2022

	Governmental Activities	Business-type Activities	Total
Capital assets not being depreciated	\$ 24,669,914	\$ 2,266,933	\$ 26,936,847
Capital assets being depreciated	113,215,230	43,499,550	156,714,780
Less accumulated depreciation	(71,832,884)	(29,374,602)	(101,207,486)
Net Capital Assets	\$ 66,052,260	\$ 16,391,881	\$ 82,444,141

Major capital asset events during the current fiscal year included the following:

- *Governmental activities:* Capital asset additions in governmental activities include completion of various street and facility improvement projects.
- *Business-type activities:* Capital asset additions related to the water and sewer operations include: various water and sewer main replacements.

Debt Administration. Long-term debts for Governmental Activities decreased from \$107,980,955 as of June 30, 2022 to \$88,879,403 as of June 30, 2023; a total decrease of \$19,101,552 or 17.69%. Total long-term debts in governmental and business activities consist of the following:

Long-Term Liabilities (Note 6)
June 30, 2022

	Beginning Balance	Additions	Deletions	Ending Balance	Due Within One Year
Governmental Activities:					
2016 Installment Sale Agreement	\$ 2,285,000	\$ -	\$ (95,000)	\$ 2,190,000	\$ 100,000
Premium	97,089	-	(5,711)	91,378	5,711
Loans payable from Direct Borrowing:					
Radio Equipment Purchase	563,807	-	(563,807)	-	-
Pension Obligation Bonds					
Series 2021A	30,540,000	-	(1,030,000)	29,510,000	1,035,000
Claims Payable	3,452,690	5,500,411	(3,807,904)	5,145,197	1,552,825
Insurance Assessment Payable	405,285	-	(81,057)	324,228	81,057
Compensated Absences	1,559,304	993,639	(911,318)	1,641,625	730,505
Net Pension Liability (Note 7)	27,937,799	-	(10,468,126)	17,469,673	-
Net OPEB Liability (Note 8)	41,139,981	-	(8,632,679)	32,507,302	-
Total	\$ 107,980,955	\$ 6,494,050	\$ (25,595,602)	\$ 88,879,403	\$ 3,505,098
Business-type Activities:					
Compensated Absences	\$ 232,999	\$ 135,496	\$ (144,638)	\$ 223,857	\$ 124,755
Net Pension Liability (Note 7)	4,911,939	-	(2,143,662)	2,768,277	-
Net OPEB Liability (Note 8)	6,147,353	-	(1,714,538)	4,432,815	-
Loan Payable from Direct Borrowing:					
Radio Equipment Purchase	102,636	-	(102,636)	-	-
2020 Installment Sale Agreement	1,100,000	-	(130,000)	970,000	130,000
Pension Obligation Bonds					
Series 2021B	4,560,000	-	(150,000)	4,410,000	150,000
Total	\$ 17,054,927	\$ 135,496	\$ (4,385,474)	\$ 12,804,949	\$ 404,755

CAPITAL ASSET AND DEBT ADMINISTRATION (cont.)

State statutes limit the amount of general obligation debt a governmental entity may issue to fifteen percent (15%) of its adjusted assessed valuation. The City's total assessed valuation in fiscal year 2022-2023 was \$2,395,190,428. The adjusted assessed valuation (i.e. to account for a change in valuation methodology since the legal debt limit was enacted by the state) is \$598,797,607. Therefore, the legal debt margin is \$89,819,641, which is well in excess of the City's outstanding general obligation debt. Additional information on the City's long-term debt can be found in Note 7 to the basic financial statements on pages 52-56 of this report.

ECONOMIC FACTORS AND NEXT YEARS BUDGET

Economy

Prior to the onset of the COVID-19 pandemic in March 2020, the national and state economies were in the midst of the longest recorded economic expansion. The economy had been on a long, slow recovery since the end of the Great Recession in 2009 with strong fundamentals, such as low unemployment, increasing household income and personal consumption, and most stock market indices were at record levels.

This long economic expansion was brought to an abrupt stop in March 2020 as pandemic-induced restrictions led to soaring unemployment and plummeting consumer spending. Governor Newsom officially ended the COVID-19 declared emergency on February 28, 2023. While there has been an economic recovery over the past two years, COVID-19 dramatically altered lives and significantly impacted regional, state, national, and global economies. The actions taken to stabilize the economy throughout the pandemic were unprecedented and will impact global economies for the foreseeable future.

The following analysis of the federal, state and local economic outlooks provide context for the City's revenue projections.

Federal Economy

Inflation and the Federal Reserve's response to it (i.e. seven interest rate increases in 2022) were the focus of economic policy in 2022 as prices increased at a pace not seen since stagflation in the 1970's and 1980's. Conversely, Gross Domestic Product (GDP), which is a measure of output for the US economy, increased by only 1.1% in 2022. GDP is expected to grow by approximately 0.8% in 2023 and 1.5% in 2024, which represents very slow growth, by historical standards.

The U.S. labor market has rebounded from the pandemic as well. The unemployment rate, which was 5.4% in 2021, improved to 3.7% by the end of 2022. Despite very low unemployment, the labor pool in the United States continues to shrink as the trend of more workers leaving the workforce then entering it continues. This has created a tight labor market, resulting in increased salaries for many workers.

Inflation became the main economic headline in 2022 as the Consumer Price Index (CPI) rose significantly again in 2022. CPI hit 8.0% in 2022, which is the highest rate since 1979. Inflation is, effectively, a tax on the economy as consumers have to spend more of their disposable income to buy the same amount, or fewer, goods than in the past. The Federal Reserve has been consistently increasing baseline interest rates to increase the value of money and offset inflation. It remains to be seen how the policy of raising interest rates to curb inflation will impact the economy.

Contrary to the strong performance of U.S. stocks in 2020 and 2021, stock markets in 2022 experienced sizeable losses and increased volatility. This suggests pessimism, or at least significant uncertainty, by investors in the Federal Reserve's ability to curb inflation without pushing the country into a recession.

In summary, the national economy shows some stability, with the U.S. GDP reporting solid growth going into 2023 and the labor market experiencing robust job production and record low unemployment. However, continued high inflation, increasing interest rates, continued supply chain disruptions, and a volatile stock market are signaling an economic slowdown over the next year.

ECONOMIC FACTORS AND NEXT YEARS BUDGET (cont.)

State Economy

California's economy has significantly recovered from the pandemic-induced downturn as many economic indicators are back to their pre-pandemic levels. The focus of California economic policy makers will be the effects of Federal Reserve policy, inflation, and supply chain instability on the California economy. Throughout the pandemic, California experienced its first recorded decline in population since recording began over 100 years ago. This trend continued in 2022 as an additional 210,000 residents left the state. Continued population declines could have long-term implications for California's economic vitality.

Housing affordability continues to be an ongoing public policy challenge and is the primary issue driving the California population flight. California's housing market remains significantly more expensive compared to housing markets throughout much of the United States. California's continued recovery in the years to come will depend on a variety of factors including national and state economic policy and new developments related to the pandemic. Additionally, the housing market, relocation of businesses to other states, and relatively high degree of income inequality, pose continuing challenges for the state.

Although the employment situation in California continued to improve in 2022 (unemployment in December 2022 was 4.1%), a slew of recent layoffs by large technology companies may be cause for concern in 2023. Job growth is expected to slow in 2023, with most of the growth in the Education and Health sectors. Jobs in Manufacturing, Transportation/Trade, Construction, and Financial Activities sectors are expected to contract in 2023 and 2024.

While California significantly recovered from the pandemic-induced downturn in 2021, and experienced a record budget surplus in 2022, economic challenges remain. The high cost of housing, high inflation, Federal Reserve fiscal policy, and population migration out of California, represent continuing threats to the California economy and are expected to hamper growth in 2023.

Local Economy

The resiliency of San Fernando's local economy was made clear throughout the COVID-19 pandemic. Many of the City's large employers are essential manufacturing and service business such as LAUSD, Pharmavite, Pepsi, Home Depot, Puretek Corp, and Vallarta. Conversely, small businesses, which are the lifeblood of the City's unique character and charm, were hit hardest by the economic restrictions imposed by COVID-19. To support small businesses, the City Council provided \$10,000 grants to 40 small San Fernando businesses and supported the San Fernando Outdoor Market through fee waivers and City staff to close the streets, manage traffic, and provide safety services.

There are a few large projects currently under construction that are expected to open in 2023 and add to the City's economic base. American Fruits and Flavors, which manufactures Monster Energy Drinks, is expected to complete construction of a 165,000 square foot manufacturing facility in the Fall. When fully operational, the new facility will be home to more than 300 jobs. Additionally, a new Target is under construction and is also expected to be completed in Fall 2023. The new Target is expected to add a significant amount of sales tax to the City's General Fund revenue once it is open and fully operational.

The City recently hired a Deputy City Manager/Economic Development to focus on developing and implementing economic development programs, support local businesses to facilitate a business friendly environment, and lead business recruitment and retention efforts. The City also awarded a contract to a consultant to develop a Downtown Master Plan. Development of this Plan includes a significant amount of public outreach to develop a long-term vision for the City's downtown and Maclay commercial corridors. These efforts are critical to make the local economy even more resilient in the long term.

San Fernando's local economy and customer base proved to be resilient throughout the pandemic. The City has a solid base of retail, manufacturing, personal service, and restaurant businesses that provide sales and business taxes that have consistently grown over the past 10 years. With affordable lease rates, easy access to major transit routes (i.e. Interstate 5, 210 Freeway, and the 118 Freeway) and access to regional transit from the Sylmar Metrolink Station, the local economy is expected to remain stable over the next fiscal year.

ECONOMIC FACTORS AND NEXT YEARS BUDGET (cont.)

Budget Outlook

The emphasis of the FY 2023-2024 City Manager's Adopted Budget is to Let the Dust Settle to allow staff time to fulfill recent City Council approved budget enhancements to move the Strategic Goals 2022-2026 forward, including, but not limited to, completing the remaining recruitments for new staff positions, procure new equipment, implement new programs, and measure the impact of those new positions, equipment, and programs on services. Additionally, due to the economic uncertainty, recommended enhancements have been limited to minimize the risk of having to make reductions in the future if we do, in fact, experience an economic recession.

Request for Information

This financial report is designed to provide a general overview of the City's finances for readers of the financial statements. Questions concerning any of the information in this report or requests for additional financial information should be addressed to Erica Melton, Director of Finance at emelton@sfcity.org or 117 Macneil Street, San Fernando, California, 91340.

BASIC FINANCIAL STATEMENTS

City of San Fernando
Statement of Net Position
June 30, 2023

	Governmental Activities	Business-type Activities	Total
ASSETS			
Cash and Investments	\$ 33,920,922	\$ 8,727,132	\$ 42,648,054
Restricted Cash and Investments	354,987	197,158	552,145
Receivables:			
Taxes	3,084,859	-	3,084,859
Accounts	280,132	1,454,961	1,735,093
Interest	226,079	-	226,079
Grants	9,999,316	-	9,999,316
Leases	3,222,968	-	3,222,968
Loans Receivable	1,516,832	-	1,516,832
Internal Balances	505,642	(505,642)	-
Prepaid Items	34,850	1,800	36,650
Inventories	44,982	-	44,982
Capital Assets, Not Depreciated	24,669,914	2,266,933	26,936,847
Capital Assets, Depreciated, Net	41,382,346	14,124,948	55,507,294
Total Assets	<u>119,243,829</u>	<u>26,267,290</u>	<u>145,511,119</u>
DEFERRED OUTFLOWS OF RESOURCES			
Deferred Outflows Related to OPEB	3,786,625	516,359	4,302,984
Deferred Outflows Related to Pensions	27,901,259	4,222,632	32,123,891
Total Deferred Outflows of Resources	<u>31,687,884</u>	<u>4,738,991</u>	<u>36,426,875</u>
LIABILITIES			
Accounts Payable	9,028,212	1,692,747	10,720,959
Accrued Liabilities	708,915	66,005	774,920
Interest Payable	6,453	-	6,453
Deposits Payable	501,458	138,395	639,853
Unearned Revenue	2,168,427	-	2,168,427
Due to Other Agencies	243,071	-	243,071
Long-Term Liabilities:			
Due Within One Year	3,505,098	404,755	3,909,853
Due in More Than One Year	85,374,305	12,400,194	97,774,499
Total Liabilities	<u>101,535,939</u>	<u>14,702,096</u>	<u>116,238,035</u>
DEFERRED INFLOWS OF RESOURCES			
Deferred Inflows Related to Leases	3,125,966	-	3,125,966
Deferred Inflows Related to OPEB	12,218,653	1,666,180	13,884,833
Deferred Inflows Related to Pensions	29,654,774	4,641,418	34,296,192
Total Deferred Inflows of Resources	<u>44,999,393</u>	<u>6,307,598</u>	<u>51,306,991</u>
NET POSITION			
Net Investment in Capital Assets	63,770,882	15,421,881	79,192,763
Restricted for:			
Transportation	2,969,195	-	2,969,195
Housing	3,416,646	-	3,416,646
Air Pollution	180,686	-	180,686
Parks & Recreation	33,844	-	33,844
Public Safety	678,934	-	678,934
Retirement	10,370,216	-	10,370,216
Community Development	5,995,295	-	5,995,295
Parking	340,918	-	340,918
Unrestricted	(83,360,235)	(5,425,294)	(88,785,529)
Total Net Position	<u>\$ 4,396,381</u>	<u>\$ 9,996,587</u>	<u>\$ 14,392,968</u>

The accompanying notes are an integral part of this statement.

City of San Fernando
Statement of Activities
Year Ended June 30, 2023

Functions/Programs	Expenses	Program Revenues		
		Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions
Governmental Activities:				
General Government	\$ 8,535,396	\$ 743,378	\$ -	\$ -
Public Safety	23,133,497	1,081,023	678,199	647,118
Community Development	1,450,838	643,162	5,979,662	-
Public Works	6,732,859	448,638	2,483,267	9,741,389
Parks and Recreation	3,039,015	357,301	64,476	6,556,278
Interest Expense	817,025	-	-	-
Total Governmental Activities	43,708,630	3,273,502	9,205,604	16,944,785
Business-type Activities:				
Water	7,102,186	5,228,074	-	-
Sewer	2,602,834	4,088,886	-	-
Compressed Natural Gas	496,035	450,965	-	-
Waste Disposal	10,000	-	-	-
Total Business-type Activities	10,211,055	9,767,925	-	-
Total Primary Government	<u>\$ 53,919,685</u>	<u>\$ 13,041,427</u>	<u>\$ 9,205,604</u>	<u>\$ 16,944,785</u>

General Revenues:

Taxes:

Property

Sales and Use

Business License Taxes

Franchise

Other Taxes

Investment Income

Other

Transfers

Total General Revenues and Transfers

Change in Net Position

Net Position - Beginning of Year (Restated)

Net Position - End of Year

The accompanying notes are an integral part of this statement.

Net (Expense) Revenue and Changes in Net Position

<u>Governmental Activities</u>	<u>Business-type Activities</u>	<u>Total</u>
\$ (7,792,018)	\$ -	\$ (7,792,018)
(20,727,157)	-	(20,727,157)
5,171,986	-	5,171,986
5,940,435	-	5,940,435
3,939,040	-	3,939,040
(817,025)	-	(817,025)
<u>(14,284,739)</u>	<u>-</u>	<u>(14,284,739)</u>
-	(1,874,112)	(1,874,112)
-	1,486,052	1,486,052
-	(45,070)	(45,070)
<u>-</u>	<u>(10,000)</u>	<u>(10,000)</u>
<u>-</u>	<u>(443,130)</u>	<u>(443,130)</u>
<u>(14,284,739)</u>	<u>(443,130)</u>	<u>(14,727,869)</u>
12,655,839	-	12,655,839
12,036,191	-	12,036,191
1,814,949	-	1,814,949
933,936	-	933,936
356,816	-	356,816
(121,784)	109,415	(12,369)
264,899	-	264,899
<u>220,008</u>	<u>(220,008)</u>	<u>-</u>
<u>28,160,854</u>	<u>(110,593)</u>	<u>28,050,261</u>
13,876,115	(553,723)	13,322,392
<u>(9,479,734)</u>	<u>10,550,310</u>	<u>1,070,576</u>
<u>\$ 4,396,381</u>	<u>\$ 9,996,587</u>	<u>\$ 14,392,968</u>

City of San Fernando
Balance Sheet
Governmental Funds
June 30, 2023

	General Fund	Retirement Tax	ARPA Fund	Capital Grants	Other Governmental Funds	Total
ASSETS						
Cash and Investments	\$ 7,265,167	\$ 6,116,537	\$ 5,564,024	\$ -	\$ 11,949,629	\$ 30,895,357
Restricted Cash and Investments	-	353,062	-	-	1,925	354,987
Receivables:						
Taxes	2,607,637	317,021	-	-	160,201	3,084,859
Accounts	208,472	7,149	-	-	5,186	220,807
Interest	226,079	-	-	-	-	226,079
Grants	-	-	-	9,318,196	681,120	9,999,316
Leases	3,047,357	-	-	-	175,611	3,222,968
Due From Other Funds	5,349,873	-	-	-	-	5,349,873
Loans Receivable	-	-	-	-	1,516,832	1,516,832
Advances to Other Funds	-	3,587,435	-	-	-	3,587,435
Prepaid Items	33,955	-	-	-	895	34,850
Total Assets	<u>\$ 18,738,540</u>	<u>\$ 10,381,204</u>	<u>\$ 5,564,024</u>	<u>\$ 9,318,196</u>	<u>\$ 14,491,399</u>	<u>\$ 58,493,363</u>
LIABILITIES						
Accounts Payable	\$ 690,523	\$ 10,988	\$ 1,252,284	\$ 2,511,731	\$ 4,339,795	\$ 8,805,321
Accrued Liabilities	609,517	-	-	39	59,398	668,954
Deposits	487,871	-	-	-	13,587	501,458
Due to Other Funds	-	-	-	5,113,486	236,387	5,349,873
Unearned Revenue	-	-	-	1,692,439	475,988	2,168,427
Due to Other Agencies	-	-	-	-	243,071	243,071
Advances From Other Funds	3,138,186	-	-	-	-	3,138,186
Total Liabilities	<u>4,926,097</u>	<u>10,988</u>	<u>1,252,284</u>	<u>9,317,695</u>	<u>5,368,226</u>	<u>20,875,290</u>
DEFERRED INFLOWS OF RESOURCES						
Lease Related	2,950,946	-	-	-	175,020	3,125,966
Unavailable Revenues - Grants	578,620	-	-	8,502,263	637,917	9,718,800
Total Deferred Inflows of Resources	<u>3,529,566</u>	<u>-</u>	<u>-</u>	<u>8,502,263</u>	<u>812,937</u>	<u>12,844,766</u>
FUND BALANCES						
Nonspendable:						
Prepaid Items	33,955	-	-	-	895	34,850
Restricted For:						
Transportation	-	-	-	-	2,969,195	2,969,195
Housing	-	-	-	-	3,416,646	3,416,646
Air Pollution	-	-	-	-	172,842	172,842
Parks and Recreation	-	-	-	-	33,844	33,844
Public Safety	-	-	-	-	678,934	678,934
Retirement	-	10,370,216	-	-	-	10,370,216
Community Development	-	-	4,311,740	-	1,649,686	5,961,426
Parking	-	-	-	-	340,918	340,918
Unassigned	10,248,922	-	-	(8,501,762)	(952,724)	794,436
Total Fund Balances	<u>10,282,877</u>	<u>10,370,216</u>	<u>4,311,740</u>	<u>(8,501,762)</u>	<u>8,310,236</u>	<u>24,773,307</u>
Total Liabilities, Deferred Inflows of Resources, and Fund Balances	<u>\$ 18,738,540</u>	<u>\$ 10,381,204</u>	<u>\$ 5,564,024</u>	<u>\$ 9,318,196</u>	<u>\$ 14,491,399</u>	<u>\$ 58,493,363</u>

The accompanying notes are an integral part of this statement.

City of San Fernando
Reconciliation of the Balance Sheet of Governmental Funds
to the Statement of Net Position
June 30, 2023

Fund Balances for Governmental Funds	\$ 24,773,307
--------------------------------------	---------------

Amounts reported for Governmental Activities in the Statement of Net Position are different because:

Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the funds.

Capital Assets	137,264,375
Accumulated Depreciation	(71,648,366)

Long-term liabilities applicable to the City's governmental activities are not due and payable in the current period and accordingly are not reported as fund liabilities. All liabilities, both current and long-term, are reported in the Statement of Net Position:

Net Pension Liability	(17,469,673)
Compensated Absences	(1,641,625)
Total OPEB Liability	(32,507,302)
2016 Installment Sale Agreement	(2,190,000)
Premium on 2016 Installment Sale Agreement	(91,378)
Pension Obligation Bonds Series 2021A	(29,510,000)
Interest Payable on Long-term Debt	(6,453)

Amounts for deferred outflows and deferred inflows related to the City's Net Pension and OPEB Liabilities are not reported in the funds:

Deferred Outflows Related to Pensions	27,901,259
Deferred Inflows Related to Pensions	(29,654,774)
Deferred Outflows Related to OPEB	3,786,625
Deferred Inflows Related to OPEB	(12,218,653)

Other long-term receivables are not available to pay for current period expenditures and, therefore, are reported as unavailable revenue in the funds.	9,718,800
--	-----------

The internal service fund is used by management to charge the costs of equipment purchases to individual funds. The assets and liabilities of the internal service fund are included in Governmental Activities in the Statement of Net Position.	(2,109,761)
---	-------------

Net Position of Governmental Activities	\$ 4,396,381
---	--------------

The accompanying notes are an integral part of this statement.

City of San Fernando
Statement of Revenues, Expenditures, and Changes in Fund Balances
Governmental Funds
Year Ended June 30, 2023

	General Fund	Retirement Tax	ARPA Fund	Capital Grants	Other Governmental Funds	Total
REVENUES						
Taxes	\$ 20,049,742	\$ 5,272,636	\$ -	\$ -	\$ 2,763,426	\$ 28,085,804
Licenses and Permits	477,454	-	-	-	-	477,454
Charges for Services	665,499	-	-	-	399,564	1,065,063
Fines and Forfeitures	418,240	-	-	-	5,045	423,285
Investment Earnings	557,907	(24,654)	-	-	88,245	621,498
Intergovernmental	3,123,012	-	5,568,340	7,622,547	2,147,369	18,461,268
Other	61,674	195,680	-	-	7,750	265,104
Total Revenues	25,353,528	5,443,662	5,568,340	7,622,547	5,411,399	49,399,476
EXPENDITURES						
Current:						
General Government	3,787,377	1,326,130	62,003	-	9,389	5,184,899
Public Safety	13,933,585	1,164,811	-	610	151,512	15,250,518
Community Development	1,292,723	72,555	-	-	138,272	1,503,550
Public Works	2,014,085	115,640	194,892	-	1,885,394	4,210,011
Parks and Recreation	1,656,096	87,728	-	802,629	835,274	3,381,727
Capital Outlay	4,990	-	1,007,232	13,714,252	8,405,628	23,132,102
Debt Service:						
Principal	-	1,030,000	-	499,254	95,000	1,624,254
Interest and Fiscal Charges	24,642	712,126	-	14,927	81,238	832,933
Total Expenditures	22,713,498	4,508,990	1,264,127	15,031,672	11,601,707	55,119,994
Excess of Revenues Over (Under)						
Expenditures	2,640,030	934,672	4,304,213	(7,409,125)	(6,190,308)	(5,720,518)
OTHER FINANCING SOURCES (USES)						
Transfers In	520,000	-	-	-	3,053,194	3,573,194
Transfers Out	(3,108,194)	-	-	-	(400,000)	(3,508,194)
Total Other Financing Sources (Uses)	(2,588,194)	-	-	-	2,653,194	65,000
Net Change in Fund Balances	51,836	934,672	4,304,213	(7,409,125)	(3,537,114)	(5,655,518)
Fund Balances, Beginning of Year (Restated)	10,231,041	9,435,544	7,527	(1,092,637)	11,847,350	30,428,825
Fund Balances, End of Year	\$ 10,282,877	\$ 10,370,216	\$ 4,311,740	\$ (8,501,762)	\$ 8,310,236	\$ 24,773,307

The accompanying notes are an integral part of this statement.

City of San Fernando
Reconciliation of the Statement of Revenues, Expenditures and Changes in Fund
Balances of Governmental Funds to the Statement of Activities
Year Ended June 30, 2023

Net Change in Fund Balances - Total Governmental Funds \$ (5,655,518)

Amounts reported for Governmental Activities in the Statement of Activities
are different because:

Governmental funds report capital outlay as expenditures. However, in the Statement of Activities, the cost of those assets is allocated over the estimated useful lives as depreciation expense.

Capital Expenditures	21,399,770
Depreciation Expense	(2,683,181)

The issuance of long-term debt provides current financial resources to governmental funds, while the repayment of the principal of long-term debt consumes the current financial resources of governmental funds. Neither transaction, however, has any effect on net position. The following represent differences in the treatment of long-term debt and related items:

Principal payment on Installment Sale Agreement	95,000
Amortization of Premium on Installment Sale Agreement	5,711
Principal payment on Radio Equipment Loan	499,254
Principal payment on Pension Obligation Bonds Series 2021A	1,030,000

Some expenses reported in the Statement of Activities do not require the use of current financial resources and therefore are not reported as expenditures in the governmental funds, as follows:

Compensated Absences	(82,321)
Net Pension Liability	10,468,126
Other Post-employment Benefit Liability	8,632,679
Accrued Interest Payable	10,197

Amounts for deferred inflows and deferred outflows related to the City's Net Pension and OPEB Liabilities are not reported in the funds. This is the net change in these deferred outflows and inflows:

Deferred Outflows Related to Pensions	(10,835,395)
Deferred Inflows Related to Pensions	(8,524,908)
Deferred Outflows Related to OPEB	(1,063,548)
Deferred Inflows Related to OPEB	(6,146,369)

Some revenues reported in the Statement of Activities are not considered to be available to finance current expenditures and, therefore, are not reported as revenues in the governmental funds.

7,965,261

The change in net position of the internal service fund is reported with governmental activities.

(1,238,643)

Change in Net Position of Governmental Activities

\$ 13,876,115

The accompanying notes are an integral part of this statement.

City of San Fernando
Statement of Net Position
Proprietary Funds
June 30, 2023

	Business-type Activities Enterprise Funds				Governmental Activities Internal Service Funds
ASSETS	Water	Sewer	Nonmajor	Totals	
Current Assets:					
Cash and Investments	\$ 4,643,759	\$ 3,897,799	\$ 185,574	\$ 8,727,132	\$ 3,025,565
Restricted Cash and Investments	180,849	16,309	-	197,158	-
Customer Accounts Receivable, Net	769,149	685,812	-	1,454,961	59,325
Inventory	-	-	-	-	44,982
Prepaid Items	1,800	-	-	1,800	-
Total Current Assets	5,595,557	4,599,920	185,574	10,381,051	3,129,872
Noncurrent Assets:					
Advances to Other Funds	-	317,489	-	317,489	-
Capital Assets:					
Land	981,168	-	-	981,168	-
Water Rights	624,659	-	-	624,659	-
Construction in Progress	661,106	-	-	661,106	-
Buildings and Plant	5,630,795	118,500	-	5,749,295	81,268
Infrastructure	17,813,763	8,013,009	-	25,826,772	-
Land Improvements	2,733,281	-	-	2,733,281	-
Equipment	7,559,205	1,577,340	53,657	9,190,202	539,501
Less: Accumulated Depreciation	(23,801,502)	(5,519,443)	(53,657)	(29,374,602)	(184,518)
Total Noncurrent Assets	12,202,475	4,506,895	-	16,709,370	436,251
Total Assets	17,798,032	9,106,815	185,574	27,090,421	3,566,123
DEFERRED OUTFLOWS OF RESOURCES					
OPEB Actuarial Amounts	387,269	129,090	-	516,359	-
Pension Actuarial Amounts	3,209,200	1,013,432	-	4,222,632	-
Total Deferred Outflows of Resources	3,596,469	1,142,522	-	4,738,991	-
LIABILITIES					
Current Liabilities:					
Accounts Payable	1,051,413	603,050	38,284	1,692,747	222,891
Accrued Liabilities	49,668	16,335	2	66,005	39,961
Current Portion of Insurance Payable	-	-	-	-	81,057
Current Portion of Claims Payable	-	-	-	-	1,552,825
Current Portion of Compensated Absences	93,567	31,188	-	124,755	-
Current Portion of Installment Sale Agreement	130,000	-	-	130,000	-
Current Portion of Pension Obligation Bonds	108,705	41,295	-	150,000	-
Customer Deposits	138,395	-	-	138,395	-
Total Current Liabilities	1,571,748	691,868	38,286	2,301,902	1,896,734
Noncurrent Liabilities:					
Advances From other Funds	542,114	224,624	-	766,738	-
Insurance Assessment Payable	-	-	-	-	243,171
Claims Payable	-	-	-	-	3,592,372
Compensated Absences	74,326	24,776	-	99,102	-
Installment Sale Agreement	840,000	-	-	840,000	-
Pension Obligation Bonds	3,087,234	1,172,766	-	4,260,000	-
Total OPEB Liability	3,324,611	1,108,204	-	4,432,815	-
Net Pension Liability	2,103,891	664,386	-	2,768,277	-
Total Noncurrent Liabilities	9,972,176	3,194,756	-	13,166,932	3,835,543
Total Liabilities	11,543,924	3,886,624	38,286	15,468,834	5,732,277
DEFERRED INFLOWS OF RESOURCES					
OPEB Actuarial Amounts	1,249,635	416,545	-	1,666,180	-
Pension Actuarial Amounts	3,527,478	1,113,940	-	4,641,418	-
Total Deferred Inflows of Resources	4,777,113	1,530,485	-	6,307,598	-
NET POSITION					
Net Investment In Capital Assets	11,232,475	4,189,406	-	15,421,881	436,251
Unrestricted	(6,159,011)	642,822	147,288	(5,368,901)	(2,602,405)
Total Net Position	\$ 5,073,464	\$ 4,832,228	\$ 147,288	10,052,980	\$ (2,166,154)
Adjustment to reflect the consolidation of internal service fund activities related to enterprise funds				(56,393)	
Net Position of Business-type Activities				\$ 9,996,587	

The accompanying notes are an integral part of this statement.

City of San Fernando
Statement of Revenues, Expenses, and Changes in Net Position
Proprietary Funds
Year Ended June 30, 2023

	Business-type Activities Enterprise Funds			Governmental Activities Internal Service Funds
	Water	Sewer	Nonmajor	Totals
OPERATING REVENUES				
Charges for Services	\$ 5,227,074	\$ 4,088,886	\$ 448,230	\$ 9,764,190
Other	1,000	-	2,735	3,735
Total Operating Revenues	5,228,074	4,088,886	450,965	9,767,925
OPERATING EXPENSES				
Contractual Services	23,111	853,698	-	876,809
Maintenance and Operations	6,138,832	1,435,245	503,527	8,077,604
Administration and General	-	-	-	-
Depreciation	760,863	234,728	2,508	998,099
Total Operating Expenses	6,922,806	2,523,671	506,035	9,952,512
Operating Income (Loss)	(1,694,732)	1,565,215	(55,070)	(184,587)
NONOPERATING REVENUES (EXPENSES)				
Interest Income	64,351	41,615	3,449	109,415
Interest Expense	(101,955)	(1,738)	-	(103,693)
Total Nonoperating Revenues (Expenses)	(37,604)	39,877	3,449	5,722
Income (Loss) Before Transfers	(1,732,336)	1,605,092	(51,621)	(178,865)
Transfers In	-	-	-	-
Transfers Out	(140,004)	(80,004)	-	(220,008)
Change in Net Position	(1,872,340)	1,525,088	(51,621)	(398,873)
Net Position, Beginning of Year	6,945,804	3,307,140	198,909	(772,661)
Net Position, End of Year	\$ 5,073,464	\$ 4,832,228	\$ 147,288	\$ (2,166,154)
Adjustment to reflect the consolidation of internal service fund activities related to enterprise funds				(154,850)
Change in Net Position of Business-type Activities				\$ (553,723)

The accompanying notes are an integral part of this statement.

City of San Fernando
Statement of Cash Flows
Proprietary Funds
Year Ended June 30, 2023

	Business-type Activities Enterprise Funds				Governmental Activities Internal Service Funds
	Water	Sewer	Nonmajor	Totals	
Cash Flows from Operating Activities					
Receipts from Customers and Users	\$ 5,283,263	\$ 4,058,980	\$ 449,654	\$ 9,791,897	\$ 3,734,534
Payments to Suppliers and Contractors	(3,032,113)	(2,931,602)	(491,769)	(6,455,484)	(3,235,971)
Payments to Employees	(1,802,244)	(539,965)	-	(2,342,209)	(1,723,146)
Other Operating Income	4,686	-	2,735	7,421	1,313,634
Net Cash Flows from Operating Activities	453,592	587,413	(39,380)	1,001,625	89,051
Cash Flows from Noncapital Financing Activities					
Loans from (to) Other Funds	(134,419)	113,026	-	(21,393)	-
Interest Expense Paid	(101,955)	(1,738)	-	(103,693)	-
Transfers from Other Funds	-	-	-	-	155,008
Transfers to Other Funds	(140,004)	(80,004)	-	(220,008)	-
Net Cash Flows from Noncapital Financing Activities	(376,378)	31,284	-	(345,094)	155,008
Cash Flows from Capital Financing Activities					
Debt Proceeds	-	-	-	-	-
Payments on Long-term Debt	(303,179)	(79,457)	-	(382,636)	(64,553)
Acquisition of Capital Assets	(1,701,822)	(504,783)	-	(2,206,605)	(275,013)
Net Cash Flows from Capital Financing Activities	(2,005,001)	(584,240)	-	(2,589,241)	(339,566)
Cash Flows from Investing Activities					
Interest Received	64,351	41,615	3,449	109,415	9,168
Net Increase (Decrease) in Cash and Cash Equivalents	(1,863,436)	76,072	(35,931)	(1,823,295)	(86,339)
Cash and Cash Equivalents - Beginning of Year	6,688,044	3,838,036	221,505	10,747,585	3,111,904
Cash and Cash Equivalents - End of Year	<u>\$ 4,824,608</u>	<u>\$ 3,914,108</u>	<u>\$ 185,574</u>	<u>\$ 8,924,290</u>	<u>\$ 3,025,565</u>
Reconciliation of Operating Income (Loss) to Net Cash Provided (Used) by Operating Activities:					
Operating Income (Loss)	\$ (1,694,732)	\$ 1,565,215	\$ (55,070)	\$ (184,587)	\$ (1,557,669)
Adjustments to Reconcile Operating Income (Loss) to Net Cash Provided by Operating Activities:					
Depreciation	760,863	234,728	2,508	998,099	130,844
Changes in Assets and Liabilities:					
(Increase) Decrease in Accounts Receivable	30,932	(26,265)	1,424	6,091	8,683
(Increase) Decrease in Deferred Outflows - OPEB	58,723	149,656	-	208,379	-
(Increase) Decrease in Deferred Outflows - Pensions	1,052,220	1,453,706	-	2,505,926	-
(Increase) Decrease in Prepaids	(1,800)	-	-	(1,800)	(455)
Increase (Decrease) in Accounts Payable	306,104	126,240	11,758	444,102	(109,450)
Increase (Decrease) in Accrued Liabilities	(3,485)	(10,282)	-	(13,767)	5,648
Increase (Decrease) in Unearned Revenue	-	(3,641)	-	(3,641)	-
Increase (Decrease) in Compensated Absences	24,509	(33,651)	-	(9,142)	-
Increase (Decrease) in Net OPEB Liability	(458,375)	(1,256,163)	-	(1,714,538)	-
Increase (Decrease) in Net Pension Liability	(1,007,004)	(1,136,658)	-	(2,143,662)	-
Increase (Decrease) in Deferred Inflows - OPEB	691,264	67,563	-	758,827	-
Increase (Decrease) in Deferred Inflows - Pensions	665,430	(543,035)	-	122,395	-
Increase (Decrease) in Ins. Assessments Payable	-	-	-	-	(81,057)
Increase (Decrease) in Claims Payable	-	-	-	-	1,692,507
Increase (Decrease) in Customer Deposits	28,943	-	-	28,943	-
Net Cash Provided by Operating Activities	<u>\$ 453,592</u>	<u>\$ 587,413</u>	<u>\$ (39,380)</u>	<u>\$ 1,001,625</u>	<u>\$ 89,051</u>

The accompanying notes are an integral part of this statement.

City of San Fernando
Statement of Net Position
Fiduciary Funds
June 30, 2023

	Custodial Fund	Successor Agency Private-purpose Trust Fund
ASSETS		
Cash and Investments	\$ 185,630	\$ -
Loans Receivable	-	543,678
Prepaid Items	3,000	-
	<hr/>	<hr/>
Total Assets	188,630	543,678
	<hr/>	<hr/>
LIABILITIES		
Accounts Payable	15,142	-
	<hr/>	<hr/>
Total Liabilities	15,142	-
	<hr/>	<hr/>
NET POSITION		
Restricted for Successor Agency	-	543,678
Restricted for Individuals and Organizations	173,488	-
	<hr/>	<hr/>
	\$ 173,488	\$ 543,678
	<hr/> <hr/>	<hr/> <hr/>

The accompanying notes are an integral part of this statement.

City of San Fernando
Statement of Changes in Net Position
Fiduciary Funds
Year Ended June 30, 2023

	Custodial Fund	Successor Agency Private-purpose Trust Fund
ADDITIONS		
Miscellaneous Collected for Others	\$ 209,578	\$ -
Total Additions	209,578	-
DEDUCTIONS		
Recipient Payments	189,022	-
Total Deductions	189,022	-
Change in Net Position	20,556	-
Net Position - Beginning of Year	152,932	543,678
Net Position - End of Year	\$ 173,488	\$ 543,678

The accompanying notes are an integral part of this statement.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

1) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A) Description of Reporting Entity

The City of San Fernando, California was incorporated on August 31, 1911 under the general laws of the State of California and enjoys all the rights and privileges pertaining to "General Law" cities. The financial statements of the City of San Fernando (City) include the financial activities of the City and its component units for which the City is considered to be financially accountable. Financial accountability is determined on the basis of budget adoptions, taxing authority, funding and composition or appointments of the governing board. Blended component units, although legally separate entities, are part of the City's operations and data from these units are therefore combined with data of the City.

Blended Component Units

The City of San Fernando Public Financing Authority is a Joint Exercise of Powers Authority organized and existing under and by virtue of the Joint Exercise of Power Act of the Government Code of the State. The City and the former Redevelopment Agency formed the Authority by the execution of a Joint Exercise of Powers Agreement. The primary purpose of the Authority is to issue bonds and make loans to the Agency. The Authority is accounted for in the City's financial statements in accordance with principles defining the governmental reporting entity adopted by the Governmental Accounting Standards Board (GASB). The City Council members, in separate session, serve as the governing board of the Authority. There are no separate financial statements prepared for the Authority.

B) Government-wide and Fund Financial Statements

The government-wide financial statements (i.e., the Statement of Net Position and the Statement of Activities) report information about the reporting government as a whole, except for its fiduciary activities. Governmental activities, which normally are supported by taxes and intergovernmental revenues, are reported separately from business-type activities, which rely to a significant extent on fees and charges for support. Likewise, the primary government (including its blended component units) is reported separately from discretely presented component units for which the primary government is financially accountable. The City has no discretely presented component units.

The Statement of Activities demonstrates the degree to which the direct expenses of a given function or segment are offset by program revenues. Direct expenses are expenses that are clearly identifiable with a specific function or segment. Program revenues include: 1) charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given function or segment and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function or segment. Taxes and other items that are properly not included among program revenues are reported instead as general revenues.

The underlying accounting system of the City is organized and operated on the basis of separate funds, each of which is considered to be a separate accounting entity. The operations of each fund are accounted for with a separate set of self-balancing accounts that comprise its assets, liabilities, fund equity, revenues and expenditures or expenses, as appropriate. Governmental resources are allocated to and accounted for in individual funds based upon the purposes for which they are to be spent and the means by which spending activities are controlled.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

1) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

Separate financial statements for the City's governmental and proprietary funds are presented after the Government-wide Financial Statements. These statements display information about major funds individually and other governmental funds in the aggregate for governmental and enterprise funds.

C) Measurement Focus, Basis of Accounting, and Financial Statement Presentation

The government-wide financial statements are reported using the *economic resources measurement focus* and the *accrual basis of accounting*, as are the proprietary fund financial statements. Under the economic resources measurement focus, all assets and liabilities (whether current or noncurrent) associated with their activity are included on their balance sheets. Under the accrual basis of accounting, revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Proprietary funds distinguish operating revenues and expenses from nonoperating items. Operating revenues and expenses generally result from providing services and producing and delivering goods in connection with a proprietary fund's principal ongoing operations. Operating expenses for proprietary funds include the cost of sales and services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as nonoperating revenues and expenses. Nonexchange transactions, in which the City gives (or receives) value without directly receiving (or giving) equal value in exchange include property taxes, grants, entitlements, and donations. On an accrual basis, revenue from property taxes is recognized in the fiscal year which the taxes are levied. Revenue from grants, entitlements, and donations is recognized in the fiscal year in which all the eligibility requirements have been satisfied.

When both restricted and unrestricted resources are available for use, it is the City's policy to use restricted resources first, then unrestricted resources as they are needed.

Governmental fund financial statements are reported using the *current financial resources measurement focus* and the *modified accrual basis of accounting*. Under the current financial resources measurement focus, only current assets and current liabilities are generally included on their balance sheets. The reported fund balance (net current assets) is considered to be a measure of "available spendable resources". Governmental fund operating statements present increases (revenues and other financing sources) and decreases (expenditures and other financing uses) in net current assets. Accordingly, they are said to present a summary of sources and uses of "available spendable resources" during a period. Noncurrent portions of long-term receivables due to governmental funds are reported on their balance sheets in spite of their spending measurement focus. However, special reporting treatments are used to indicate that they should not be considered "available spendable resources" since they do not represent net current assets. Recognition of governmental fund type revenue represented by noncurrent receivables is deferred until they become current receivables. Noncurrent portions of other long-term receivables are offset by nonspendable fund balance accounts.

Under the modified accrual basis of accounting, revenues are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. For this purpose, the government considers revenues to be available if they are collected within 60 days of the end of the current fiscal period. Expenditures generally are recorded when a liability is incurred, except for principal and interest on general long-term liabilities, claims and judgments, and compensated absences that are recognized as expenditures to the extent they have matured. General capital asset acquisitions are reported as expenditures in governmental funds. Proceeds of general long-term liabilities are reported as other financing sources.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

1) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

Property taxes, sales taxes, franchise taxes, licenses, and interest associated with the current fiscal period are all considered to be susceptible to accrual, and so have been recognized as revenues of the current fiscal period. Only the portion of special assessments receivable due within the current fiscal period is considered to be susceptible to accrual as revenue of the current period. All other revenue items are considered to be measurable and available only when cash is received by the government.

As a general rule, the effect of interfund activity has been eliminated from the government-wide financial statements. Exceptions to this general rule are charges between the government's proprietary funds functions and various other functions of the government. Elimination of these charges would distort the direct costs and program revenues reported for the various functions concerned.

Fund Classifications

The funds designated as major funds are determined by a mathematical calculation consistent with GASB Statement No. 34. The City reports the following major governmental funds:

The General Fund is the City's primary operating fund and accounts for all financial resources of the general government, except those required to be accounted for in another fund.

The Retirement Tax Special Revenue Fund accounts for receipts from a voter-approved special tax levy that is used to pay the City's participation in the Public Employees Retirement System.

The ARPA Special Revenue Fund is used to account for one-time federal funding source encouraging economic growth and community development post COVID-19.

The Capital Grants Capital Projects Fund accounts for revenues that are restricted for specific capital projects.

The City reports the following major enterprise funds:

The Water Enterprise Fund is used to account for the provision of water services to all residents of the City. All activities necessary to provide such services are accounted for in this fund.

The Sewer Enterprise Fund is used to account for the provision of sewer services to all residents of the City. Processing of sewage is done by the City of Los Angeles under contract.

The City also reports the following fund types:

The Internal Service Funds are used to account for the financing of goods and services provided by one City department to other departments on a cost-reimbursement basis. The City uses internal service funds to account for facility maintenance, equipment maintenance, equipment replacements and self-insurance.

The Successor Agency Private-purpose Trust Fund accounts for the revenues and expenditures of the former Redevelopment Agency.

The Custodial Fund is used to account for funds received by the City as an agent for the Senior Association.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

1) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

D) Cash and Cash Equivalents

In order to maximize investment return, the City pools its available cash for investment purposes. The cash management pool is used essentially as a demand deposit account by the participating funds. The City has defined cash and cash equivalents, for purposes of the statement of cash flows, as all deposits and investments purchased with a maturity date of 90 days or less.

E) Investments

Investments are stated at fair value (the value at which an investment could be exchanged in a current transaction between willing parties, other than in a forced or liquidation sale).

F) Inventories

Inventories of the enterprise funds, consisting primarily of materials and supplies, are stated at cost determined by the first-in, first-out method. Inventories of the governmental funds are recorded as expenditures when purchased.

G) Land Held for Resale

Land held for resale is recorded at the lower of acquisition cost or net realizable value.

H) Capital Assets

Capital assets, which include land, structures and improvements, machinery and equipment and infrastructure assets, are reported in the applicable governmental or business-type activity columns in the government-wide financial statements. Capital assets are defined as assets with an initial individual cost of more than \$5,000 and an estimated useful life in excess of one year. Such assets are recorded at historical cost if purchased or constructed.

Donated capital assets received prior to the implementation of GASB 72 were recorded at fair value on the date of donation. Donated capital assets received subsequent to the implementation of GASB 72 are recorded at acquisition value as of the date received. Capital outlay is recorded as expenditures in the governmental funds and as assets in the government-wide financial statements to the extent the City's capitalization threshold is met.

Capital assets include additions to public domain (infrastructure) which includes certain improvements such as pavement, curb and gutter, sidewalks, traffic control devices, and right-of-way corridors within the City.

The provision for depreciation is computed by use of the straight-line method over the estimated useful lives of assets, which are as follows:

Buildings	50 years
Infrastructure	Up to 50 years
Improvements Other than Buildings	20 years
Furniture and Equipment	Up to 30 years
Vehicles and Related Equipment	Up to 8 years

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

1) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

Water rights are recorded in the Water Enterprise Fund in the amount of \$624,659, which is the net acquisition cost. The asset represents amounts paid to the Metropolitan Water District of Southern California for the right to purchase water. Because the rights have an indefinite life and normally appreciate in value over time, the City has elected not to amortize the cost of water rights. This treatment is in accordance with accounting principles generally accepted in the United States of America.

I) Unavailable Revenues

Unavailable revenues in fund financial statements arise when potential revenue does not meet both the "measurable" and "available" criteria for recognition in the current period.

J) Restricted Assets

Certain proceeds of debt issues, as well as certain resources set aside for their repayment, are classified as restricted assets on the balance sheet because their use is limited by applicable bond covenants.

K) Compensated Absences

Employees can accrue vacation, sick leave or annual leave depending on the employee's status (management or non-management). In addition, non-management personnel may earn compensation time in lieu of overtime pay. Vacation, annual leave, and compensation leave are paid out 100% upon employee termination. Sick leave is paid out up to 50% of the sick leave bank at a not-to-exceed maximum of the employer's monthly pay. Both vacation and annual leave are accrued when incurred in the government-wide financial statements. A liability for these amounts is reported in the fund financial statements only if they have matured, for example, as a result of employee resignations and retirements. Compensated absences are expected to be paid primarily by the General Fund.

L) Claims and Judgments

When it is probable that a claim liability has been incurred at year-end, and the amount of the loss can be reasonably estimated, the City records the estimated loss, net of any insurance coverage under its self-insurance program. For governmental funds, if claims will not be liquidated from currently available resources, they are recorded only in the government-wide financial statements.

M) Interfund Transactions

Interfund transactions are reflected as loans, services provided reimbursements or transfers. Loans are referred to as either "due to/from other funds" (i.e., the current portion of interfund loans) or "advances to/from other funds" (i.e., the noncurrent portion of interfund loans). Any residual balances outstanding between the governmental activities and the business-type activities are reported in the government-wide financial statements as "internal balances".

Services provided, deemed to be at market or near market rates, are treated as revenues and expenditures/expenses. Reimbursements are when one fund incurs a cost, charges the appropriate benefiting fund and reduces its related cost as a reimbursement. All other interfund transactions are treated as transfers. Transfers between governmental and proprietary funds are netted as part of the reconciliation of the government-wide presentation.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

1) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

N) Property Taxes

Property taxes include assessments on both secured and unsecured property. Secured property taxes attach as an enforceable lien on property as of January 1. Taxes are levied on July 1 and are payable in two installments which are delinquent if not paid by December 10 and April 10. The County of Los Angeles bills and collects the property taxes and remits them to the City in installments during the year. The City records property taxes as revenue when received from the County, except for property taxes received within 60 days after fiscal year-end, which are accrued at June 30th.

The County is permitted by State Law (Article XIII A of the California Constitution) to levy taxes at one percent (1%) of full market value (at time of purchases) and can increase the property's value at no more than two percent (2%) per year. The City receives a share of this basic levy.

O) Use of Estimates

The presentation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenditures/expenses during the reporting period. Actual results could differ from those estimates and assumptions.

P) Deferred Outflows/Inflows of Resources

In addition to assets, the statement of financial position and balance sheet for the governmental funds will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents consumption of net position that applies to future period(s) and so will not be recognized as an outflow of resources (expense) until then. The City reports deferred outflows relating to OPEB and the Net Pension Liability, which qualify for reporting in this category.

In addition to liabilities, the statement of financial position and balance sheet for the governmental funds will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The City has certain items, which arise only under the modified accrual basis of accounting, which qualifies for reporting in this category. Accordingly, the item, *unavailable revenue*, is reported in the governmental funds balance sheet. The governmental funds report unavailable revenues from property taxes, special assessments, grant receivables, and other miscellaneous receivables. These amounts are deferred and recognized as an inflow of resources in the period that the amounts become available. In addition, the City reports deferred inflows relating to OPEB and the Net Pension Liability, which qualify for reporting in this category.

Q) Fund Equity

In the government-wide, proprietary funds, and fiduciary fund financial statements, net position is classified in the following categories.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

1) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

Net Investment in Capital Assets

This category groups all capital assets, including infrastructure, into one component of net position. Accumulated depreciation and the outstanding balances of debt that are attributable to the acquisition, construction or improvement of these assets reduce this category.

Restricted Net Position

This category presents external restrictions imposed by creditors, grantors, contributors, or laws and regulations of other governments and restrictions imposed by law through constitutional provisions or enabling legislation.

Unrestricted Net Position

This category represents the net position of the City that is not externally restricted for any project or other purpose.

R) Net Position Flow Assumption

Sometimes the City will fund outlays for a particular purpose from both restricted (e.g. restricted bond or grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted net position and unrestricted net position in the statement of net position, a flow assumption must be made about the order in which the resources are considered to be applied. It is the City's policy to consider restricted net position to have been depleted before unrestricted net position.

S) Fund Balances

Fund balances in governmental funds are reported in classifications that comprise a hierarchy based primarily on the extent to which the City is bound to honor constraints on the specific purposes for which amounts in those funds can be spent.

Sometimes the City will fund outlays for a particular purpose from both restricted and unrestricted resources (the total of committed, assigned, and unassigned fund balance). In order to calculate the amounts to report as restricted, committed, assigned, and unassigned fund balance in the governmental fund financial statements a flow assumption must be made about the order in which the resources are considered to be applied. It is the government's policy to consider restricted fund balance to have been depleted before using any of the components of unrestricted fund balance.

Further, when the components of unrestricted fund balance can be used for the same purpose, committed fund balance is depleted first, followed by assigned fund balance. Unassigned fund balance is applied last.

Nonspendable - This classification includes amounts that cannot be spent because they are either (a) not in spendable form or (b) legally or contractually required to be maintained intact.

Restricted - This classification includes amounts that can be spent only for specific purposes stipulated by constitution, external resource providers or through enabling legislation.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

1) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

Committed - This classification includes amounts that may be specified by the City Council by ordinance or resolution to formally commit part of the City's fund balances or future revenues for a specific purpose(s) or program. To change or repeal any such commitment will require an additional formal City Council action utilizing the same type of action that was originally used.

Assigned - This classification includes amounts that are constrained by the City Council's intent to use specified financial resources for specific purposes, but are neither restricted nor committed. The City's fund balance policy establishes the authority to assign amounts to be used for specific purposes to the City Council. In governmental funds, other than the general fund, assigned fund balance represents the remaining amount that is not restricted or committed.

Unassigned - This classification includes the residual balance for the government's general fund and includes all spendable amounts not contained in other classifications. In other funds, the unassigned classification is used only to report a deficit balance resulting from overspending for specific purposes for which amounts had been restricted, committed or assigned.

The City Council establishes, modifies or rescinds fund balance commitments by passage of a resolution. This is done through adoption of the budget and subsequent budget amendments that occur throughout the year.

Fund Balance Policy

The City Council adopted a Comprehensive Financial Policy on December 5, 2016 that includes a detailed Fund Reserves and Fund Balances policy. The City believes that sound financial management principles require that sufficient funds be retained by the City to provide a stable financial base at all times. To retain this stable financial base, the City needs to maintain unrestricted fund balance in its funds sufficient to fund cash flows of the City and to provide financial reserves for unanticipated expenditures and/or revenue shortfalls of an emergency nature. Committed, assigned, and unassigned fund balances are considered unrestricted.

The purpose of the City's fund balance policy is to maintain a prudent level of financial resources to protect against reducing service levels or raising taxes and fees because of temporary shortfalls or unpredicted one-time expenditures. It is the goal of the City to maintain a contingency reserve of twenty percent (20%) of General Fund "Operating Budget" as originally adopted. Operating Budget for this purpose shall include current expenditure appropriations and shall exclude Capital Improvement Projects and Transfers Out. Appropriation and/or access to these funds are reserved for emergency situations only.

T) Pensions

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the City of San Fernando's California Public Employees' Retirement System (CalPERS) plan (Plan) and additions to/deductions from the Plan fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

1) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

U) Other Postemployment Benefits (OPEB)

For purposes of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the City's plan (OPEB Plan) and additions to/deductions from the OPEB Plan's fiduciary net position have been determined on the same basis. For this purpose, benefit payments are recognized when currently due and payable in accordance with the benefit terms. Investments are reported at fair value. Generally accepted accounting principles require that the reported results must pertain to liability and asset information within curtailed defined timeframes. For this report, the following timeframes are used:

Valuation Date	June 30, 2021
Measurement Date	June 30, 2022
Measurement Period	July 1, 2021 to June 30, 2022

V) Leases

The City is a lessor for noncancellable leases of certain property for communications facilities, office space and other City-owned property. The City recognizes a lease receivable and a deferred inflow of resources in the General Fund, non-major governmental funds, and the government-wide financial statements. At the commencement of these leases, the City initially measures the lease receivable at the present value of payments expected to be received during the lease term. Subsequently, the lease receivable is reduced by the principal portion of lease payments received. The deferred inflow of resources is initially measured as the initial amount of the lease receivable, adjusted for lease payments received at or before the lease commencement date. Subsequently, the deferred inflow of resources is recognized as revenue over the life of the lease term.

Key estimates and judgments include how the City determines (1) the discount rate it uses to discount the expected lease receipts to present value, (2) lease term, and (3) lease receipts.

- The City uses its estimated incremental borrowing rate as the discount rate for leases.
- The lease term includes the noncancellable period of the lease. Lease receipts included in the measurement of the lease receivable is composed of fixed payments from the lessee.

The City monitors changes in circumstances that would require a remeasurement of its lease, and will remeasure the lease receivable and deferred inflows of resources if certain changes occur that are expected to significantly affect the amount of the lease receivable.

The leases of the property and facilities range from 2 to 15 years and the City will receive annual payments of approximately \$600,000. The City recognized approximately \$600,000 in lease revenue, including interest revenue during the current fiscal year related to these leases. As of June 30, 2023, the City's receivable for lease payments was \$3,222,968. Also, the City has a deferred inflows of resources associated with leases that will be recognized as revenue over the lease term. As of June 30, 2023, the balance of the deferred inflows of resources was \$3,125,966.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

1) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES – Continued

W) Implementation of Governmental Accounting Standards Board (GASB) Pronouncements

The Governmental Accounting Standards Board has issued the following Statements, which may affect the City's financial reporting requirements in the future: Statement No. 101, "Compensated Absences." The requirements of this Statement will take effect for financial statements starting with the fiscal year that ends December 31, 2024.

2) CASH AND INVESTMENTS

The following is a summary of cash and investments at June 30, 2023:

	Government-wide Statement of Net Position	Fiduciary Funds Statement of Net Position	Total
Cash and Investments	\$ 42,648,054	\$ 185,630	\$ 42,833,684
Restricted Cash and Investments	552,145	-	552,145
Total Cash and Investments	<u>\$ 43,200,199</u>	<u>\$ 185,630</u>	<u>\$ 43,385,829</u>

Cash and investments at June 30, 2023 consisted of the following:

Demand Deposits	\$ 4,080,741
Petty Cash	2,800
Investments	<u>39,302,288</u>
Total Cash and Investments	<u>\$ 43,385,829</u>

The City pools its cash and investments for all fund entities except for cash and investments held by outside fiscal agents under the provisions of bond indentures. Interest income earned on pooled cash and investments is allocated quarterly to the various funds based on the weighted average cash balances.

Investment Policies

The City's investment policy outlines the guidelines required to be used in effectively managing the City's available cash in accordance with the California Government Code. Summarized below are the investment vehicles that are authorized and certain provisions of the policy that address interest rate risk and concentration of credit risk.

Authorized Investment Type	Maximum Maturity	Maximum Allowable % of Portfolio	Maximum Percentage per Issuer
U.S. Treasury Obligations	5 years	None	N/A
U.S. Government Agency Securities	5 years	None	30%
Commercial Paper	270 days	15%	5%
Negotiable Certificates of Deposit	5 years	30%	5%
Banker's Acceptances	180 days	25%	5%
Corporate Medium-term Notes	5 years	30%	5%
Repurchase Agreements	75 days	20%	N/A
Municipal Bonds	5 years	None	N/A
Local Agency Investment Fund (LAIF)	N/A	None	\$65 million
Money Market Mutual Funds	N/A	20%	10%

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

2) CASH AND INVESTMENTS – Continued

Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates. Most of the City's investments are held in trust by a fiscal agent as required by the bond indenture. A table summarizing distribution of the City's investment by maturity as of June 30, 2023 is as follows:

Investment Type	Remaining Maturity (in Months)			Fair Value
	12 Months or Less	13 to 24 Months	25 to 60 Months	
Local Agency Investment Fund	\$ 12,451,055	\$ -	\$ -	\$ 12,451,055
Money Market Mutual Funds	20,452	-	-	20,452
Certificates of Deposit	900,183	1,273,987	4,213,699	6,387,869
U.S. Treasury Notes	-	3,537,070	5,659,043	9,196,113
Federal Agency Securities				-
Corporate Medium-term Notes	775,926	1,475,999	6,754,820	9,006,744
Municipal Bonds	-	273,192	1,553,112	1,826,304
Held by Bond Trustees:				
Money Market Mutual Funds	413,751	-	-	413,751
Total	\$ 14,561,366	\$ 6,560,248	\$ 18,180,674	\$ 39,302,288

Disclosures Relating to Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. Presented below is the minimum rating required (where applicable) by the California Government Code or the City's investment policy and actual rating by S & P as of year-end for each investment type:

Investment Type	Total Investments	Minimum Legal Rating	Rating as of Year End			
			AAA	AA+/A	Not Required to be Rated	Unrated
Local Agency Investment Fund	\$ 12,451,055	N/A	\$ -	\$ -	\$ -	\$ 12,451,055
Money Market Mutual Funds	20,452	N/A	-	-	-	20,452
Certificates of Deposit	6,387,869	N/A	-	-	-	6,387,869
U.S. Treasury Note	9,196,113	N/A	-	9,196,113	-	-
Corporate Medium-term Notes	9,006,744	AA	895,299	8,111,445	-	-
Municipal Bonds	1,826,304	AA	808,277	1,018,027	-	-
Held by Bond Trustees:						
Money Market Mutual Funds	413,751	AAA	413,751	-	-	-
Total	\$ 39,302,288		\$ 2,117,327	\$ 18,325,585	\$ -	\$ 18,859,376

Concentration of Credit Risk

At June 30, 2023, the City had no investments in any one issuer that represent more than 5% of total City investments.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

2) CASH AND INVESTMENTS – Continued

Custodial Credit Risk

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The California Government Code and the City's investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits, other than the following provision for deposits:

The California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The market value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies.

California law also allows financial institutions to secure City deposits by pledging first trust deed mortgage notes having a value of 150% of the secured public deposits. The City did not have any deposits with financial institutions in excess of Federal depository insurance limits and held in uncollateralized accounts.

The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The California Government Code and the City's investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for investments. With respect to investments, custodial credit risk generally applies only to direct investments in marketable securities. Custodial credit risk does not apply to a local government's indirect investment in securities through the use of mutual funds or government investment pools (such as LAIF).

Investment in State Investment Pool

The City is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by California Government Code Section 16429 under the oversight of the Treasurer of the State of California. The fair value of the City's investment in this pool is reported in the accompanying financial statements at amounts based upon the City's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized cost basis.

Fair Value of Investments

The City categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. The City has the following recurring fair value measurements as of June 30, 2023:

- U.S. Treasury Notes of \$9,196,113 are valued using quoted market prices (Level 1 inputs).
- Corporate Medium-term Notes of \$9,006,744 are valued using a matrix pricing model (Level 2 inputs).
- Certificates of Deposit of \$6,387,869 are valued using a matrix pricing model (Level 2 inputs).
- Municipal Bonds of \$1,826,304 are valued using a matrix pricing model (Level 2 inputs).

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

3) INTERFUND RECEIVABLES, PAYABLES AND TRANSFERS

The General Fund has loaned \$5,113,486 to the Capital Grants Fund and \$236,387 to non-major governmental funds to cover operating cash deficits. These amounts are reported as Due from Other Funds, and are expected to be paid back in the following fiscal year.

Long-term Advances

At June 30, 2023, the City reported the following interfund long-term advances:

		ADVANCES FROM		
		Retirement Tax Fund	Sewer Fund	Total
ADVANCES TO	General Fund	\$ 3,138,186	\$ -	\$ 3,138,186
	Water Fund	224,625	317,489	542,114
	Sewer Fund	224,624	-	224,624
	Total	<u>\$ 3,587,435</u>	<u>\$ 317,489</u>	<u>\$ 3,904,924</u>

- (1) On October 18, 1999, the Sewer Enterprise Fund advanced \$1,500,000 to the Water Enterprise Fund. The interest is payable on the unpaid principal of the loan, compounded annually on a 360 day/year basis, at a rate calculated as the average rate earned on the funds deposited by the City into the Local Agency Investment Fund. As of June 30, 2023, the outstanding balance of the advance is \$317,489.
- (2) In November 2013, the City determined that certain amounts paid by the Retirement Tax Special Revenue Fund for postemployment healthcare costs and pension costs related to fire contract services were not in accordance with the "PERS contract" costs as required by the special tax fund. Therefore, as per the payment agreement, a long-term advance to the General Fund, Water Fund, and Sewer Fund of \$4,550,739, \$320,892, and \$320,892, respectively, was established by City Council Resolution to pay back the disallowed costs. The General Fund will make payments of \$176,333, at 1% for 30 years. The Water and Sewer Funds will split equally, payments of \$24,868, at 1% for 30 years. As of June 30, 2023, the outstanding balance due from the General Fund, Water Fund, and Sewer Fund are \$3,138,186, \$224,625, and \$224,624.

Summary of Transfers In/Out

Transfers In	Transfers Out	Amount
General Fund	Other Governmental Funds	\$ 400,000
	Water Enterprise Fund	60,000
	Sewer Enterprise Fund	60,000
Other Governmental Funds	General Fund	3,053,194
Internal Service Funds	General Fund	55,000
	Water Enterprise Fund	80,004
	Sewer Enterprise Fund	20,004
		<u>\$ 3,728,202</u>

The transfers to the General Fund from the Other Governmental Funds of \$400,000 were to cover costs for public works projects and public safety overtime costs. The transfers to the General Fund from the Water and Sewer funds of \$60,000 and \$60,000 respectively, were for annual lease payments for use of the City's facilities. The General Fund transferred \$3,053,194 to other governmental funds to fund various project costs.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

3) INTERFUND RECEIVABLES, PAYABLES AND TRANSFERS – Continued

The Water Fund transferred \$80,004 to the Internal Service Funds for the Water Fund's portion of property insurance premiums for covered well sites, and for improvements. The Sewer Fund transferred \$20,004 to the Internal Service Funds for improvements.

4) CAPITAL ASSETS ACTIVITY

	Beginning Balance	Increases	Decreases	Ending Balance
Governmental Activities:				
Capital Assets, Not Depreciated:				
Land	\$ 4,397,105	\$ -	\$ -	\$ 4,397,105
Construction in Progress	4,862,875	15,544,463	134,529	20,272,809
Total Capital Assets Not Depreciated	9,259,980	15,544,463	134,529	24,669,914
Capital Assets, Being Depreciated:				
Buildings	30,059,342	81,268	-	30,140,610
Improvements Other than Buildings	5,492,057	203,786	-	5,695,843
Machinery and Equipment	11,358,270	3,066,513	-	14,424,783
Infrastructure	60,040,712	2,913,282	-	62,953,994
Total Capital Assets Being Depreciated	106,950,381	6,264,849	-	113,215,230
Less Accumulated Depreciation:				
Buildings	(14,456,444)	(860,657)	-	(15,317,101)
Improvements Other than Buildings	(4,234,814)	(188,186)	-	(4,423,000)
Machinery and Equipment	(9,033,935)	(433,850)	-	(9,467,785)
Infrastructure	(41,293,666)	(1,331,332)	-	(42,624,998)
Total Accumulated Depreciation	(69,018,859)	(2,814,025)	-	(71,832,884)
Net Capital Assets Being Depreciated	37,931,522	3,450,824	-	41,382,346
Total Capital Assets	\$ 47,191,502	\$ 18,995,287	\$ 134,529	\$ 66,052,260

	Beginning Balance	Increases	Decreases	Ending Balance
Business-type Activities:				
Capital Assets, Not Depreciated:				
Land	\$ 981,168	\$ -	\$ -	\$ 981,168
Water Rights	624,659	-	-	624,659
Construction in Progress	313,603	405,978	58,475	661,106
Total Capital Assets Not Depreciated	1,919,430	405,978	58,475	2,266,933
Capital Assets, Being Depreciated:				
Buildings	5,749,295	-	-	5,749,295
Improvements Other than Buildings	1,676,392	1,056,889	-	2,733,281
Machinery and Equipment	8,576,638	613,564	-	9,190,202
Infrastructure	25,638,123	188,649	-	25,826,772
Total Capital Assets Being Depreciated	41,640,448	1,859,102	-	43,499,550
Less Accumulated Depreciation:				
Buildings	(3,855,642)	(100,215)	-	(3,955,857)
Improvements Other than Buildings	(279,711)	(85,296)	-	(365,007)
Machinery and Equipment	(7,217,752)	(187,501)	-	(7,405,253)
Infrastructure	(17,023,398)	(625,087)	-	(17,648,485)
Total Accumulated Depreciation	(28,376,503)	(998,099)	-	(29,374,602)
Net Capital Assets Being Depreciated	13,263,945	861,003	-	14,124,948
Total Capital Assets	\$ 15,183,375	\$ 1,266,981	\$ 58,475	\$ 16,391,881

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

4) CAPITAL ASSETS ACTIVITY - Continued

Depreciation expense was charged to functions/programs as follows:

Function/Program	Governmental Activities	Business-type Activities
General Government	\$ 9,007	\$ -
Public Safety	379,893	-
Public Works	2,129,935	-
Parks and Recreation	88,922	-
Community Development	206,268	-
Water	-	760,863
Sewer	-	234,728
Waste Disposal	-	2,508
Total Depreciation	<u>\$ 2,814,025</u>	<u>\$ 998,099</u>

5) LOANS RECEIVABLE

The City uses Community Development Block Grant (CDBG) funds to provide housing rehabilitation loans to eligible applicants. Such loans are made to low and moderate-income persons to improve, rehabilitate, or replace residences. The CDBG fund's primary asset consists of notes receivable from participants that originated from HUD funds. The CDBG loans totaling \$243,071 when collected, are due back to the granting agency and, therefore, are reported as due to other agencies in the financial statements.

6) LONG-TERM LIABILITIES ACTIVITY

	Beginning Balance	Additions	Deletions	Ending Balance	Due Within One Year
Governmental Activities:					
2016 Installment Sale Agreement	\$ 2,285,000	\$ -	\$ 95,000	\$ 2,190,000	\$ 100,000
Premium	97,089	-	5,711	91,378	5,711
Loans payable from Direct Borrowing:					
Radio Equipment Purchase	563,807	-	563,807	-	-
Pension Obligation Bonds Series 2021A	30,540,000	-	1,030,000	29,510,000	1,035,000
Claims Payable	3,452,690	5,500,411	3,807,904	5,145,197	1,552,825
Insurance Assessment Payable	405,285	-	81,057	324,228	81,057
Compensated Absences	1,559,304	993,639	911,318	1,641,625	730,505
Net Pension Liability	27,937,799	-	10,468,126	17,469,673	-
Total OPEB Liability	41,139,981	-	8,632,679	32,507,302	-
Total	<u>\$ 107,980,955</u>	<u>\$ 6,494,050</u>	<u>\$ 25,595,602</u>	<u>\$ 88,879,403</u>	<u>\$ 3,505,098</u>
Business-type Activities:					
Compensated Absences	\$ 232,999	\$ 135,496	\$ 144,638	\$ 223,857	\$ 124,755
Net Pension Liability	4,911,939	-	2,143,662	2,768,277	-
Total OPEB Liability	6,147,353	-	1,714,538	4,432,815	-
Loans payable from Direct Borrowing:					
Radio Equipment Purchase	102,636	-	102,636	-	-
2020 Installment Sale Agreement	1,100,000	-	130,000	970,000	130,000
Pension Obligation Bonds Series 2021B	4,560,000	-	150,000	4,410,000	150,000
Total	<u>\$ 17,054,927</u>	<u>\$ 135,496</u>	<u>\$ 4,385,474</u>	<u>\$ 12,804,949</u>	<u>\$ 404,755</u>

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

6) LONG-TERM LIABILITIES ACTIVITY – Continued

The General Fund and Enterprise Funds have typically been used in prior years to liquidate the compensated absences payable, Net Pension Liability and Net OPEB Liability.

2016 Installment Sale Agreement

In March 2016, the City entered into an installment sale agreement with the California Statewide Communities Development Authority (Authority), for the Local Measure R Sales Tax Revenue Certificates of Participation, Series 2016 (Certificates), Total Road Improvement Program. The Authority issued \$6,355,000 in Certificates to finance the design, acquisition, and construction of certain local roadway and street improvement projects for both the City of Azusa and the City of San Fernando. The Certificates are secured by installment payments due from the two cities, with the City of San Fernando's share being \$2,785,000. The installment payments, including principal and interest, are due on June 1 and December 1 of each year, and are to be made from Measure R revenues received by the City. Interest rates on the installment agreement range from 2% to 5%. The Installment Sale Agreement contains a provision that in an event of default, outstanding amounts may become immediately due and payable. The following represents the future debt service requirements:

Fiscal Year Ending June 30,	Principal	Interest	Total
2024	\$ 100,000	\$ 77,437	\$ 177,437
2025	105,000	72,438	177,438
2026	110,000	67,187	177,187
2027	115,000	61,688	176,688
2028	120,000	57,087	177,087
2029 - 2033	675,000	217,438	892,438
2034 - 2038	790,000	105,768	895,768
2039	175,000	5,687	180,687
Totals	<u>\$ 2,190,000</u>	<u>\$ 664,730</u>	<u>\$ 2,854,730</u>

Pension Obligation Bonds

In August 2021, the City issued \$31,780,000 and \$4,745,000 in Pension Obligation Bonds (POBs), Series 2021A and 2021B, respectively. The bonds were issued to provide funding for contributions to the City's unfunded pension obligations with the California Public Employee's Retirement System (CalPERS). Interest rates on the 2021 POBs range from 0.242% to 3.172% and is payable semi-annually on January 1 and July 1 of each year, commencing on January 1, 2022 and will mature in 2046. The 2021A POB is liquidated in the General Fund while the 2021B POB is 73% and 27% funded by the Water and Sewer fund, respectively. The City is not required to establish a debt service reserve fund for these bonds because the payment of interest and principal when due is guaranteed under a municipal bond insurance policy.

The annual requirements to amortize the 2021 POBs are as follows:

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

6) LONG-TERM LIABILITIES ACTIVITY – Continued

Series 2021A

Fiscal Year Ending June 30,	Principal	Interest	Total
2024	\$ 1,035,000	\$ 708,500	\$ 1,743,500
2025	1,040,000	702,518	1,742,518
2026	1,050,000	693,480	1,743,480
2027	1,060,000	681,836	1,741,836
2028	1,075,000	667,219	1,742,219
2029 - 2033	5,665,000	3,040,958	8,705,958
2034 - 2038	6,355,000	2,351,940	8,706,940
2039 - 2043	7,305,000	1,399,212	8,704,212
2044 - 2046	4,925,000	298,350	5,223,350
Totals	<u>\$ 29,510,000</u>	<u>\$ 10,544,013</u>	<u>\$ 40,054,013</u>

Series 2021B

Fiscal Year Ending June 30,	Principal	Interest	Total
2024	\$ 150,000	\$ 113,675	\$ 263,675
2025	155,000	112,688	267,688
2026	155,000	111,217	266,217
2027	155,000	109,281	264,281
2028	160,000	106,895	266,895
2029 - 2033	840,000	486,916	1,326,916
2034 - 2038	950,000	375,641	1,325,641
2039 - 2043	1,100,000	223,759	1,323,759
2044 - 2046	745,000	47,738	792,738
Totals	<u>\$ 4,410,000</u>	<u>\$ 1,687,810</u>	<u>\$ 6,097,810</u>

Net Pension Liability

On April 9, 1946, the voters of the City of San Fernando approved an ad valorem property tax to raise the funds necessary to pay the City's annual obligation to CalPERS for the retirement benefits of City employees. In 1978, California voters approved Proposition 13, which limited the levy on ad valorem property taxes to one-percent (1%) of assessed value. In 1985, the State Legislature adopted Revenue and Taxation Code Section 96.31, which authorized a jurisdiction to continue to impose an ad valorem property tax levy to make payments in support of pension programs provided: 1) it was approved by voters prior to July 1, 1978, and 2) the jurisdiction imposed the property tax levy in either FY 1982-1983 or FY 1983-1984. It also capped the rate the jurisdiction could impose to the rate imposed in FY 1982-1983 or FY 1983-1984, whichever is higher. Consequently, the maximum rate that can be levied by the City is \$0.28420 for each \$100 of assessed property value, as established in FY 1982-1983.

Tax revenues raised through this special tax levy are accounted for in the Retirement Tax Special Revenue fund. The City's annual retirement costs are liquidated from this fund. In FY 2022-23, the levy was \$0.190332 per \$100 of assessed valuation, which was sufficient to fully fund the City's CalPERS retirement costs.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

6) LONG-TERM LIABILITIES ACTIVITY – Continued

If the annual cost exceeds the amount that can be raised through the maximum special retirement tax levy, the remaining cost would be liquidated primarily from the General Fund. More information related to the City's Net Pension Liability is included in Note 7.

Insurance Assessment Payable

In 2017, the City was assessed a Liability Program Assessment of \$848,269 for its share of prior year claims payments shortfalls in the insurance pool program, Independent Cities Risk Management Authority (ICRMA). The liability is payable over a 10-year period with the first payment of \$37,699 made in the period ended June 30, 2017. The following represents the future debt service requirements on the Insurance Assessment Payable:

Fiscal Year Ending June 30,	Principal	Interest	Total
2024	\$ 81,057	\$ 77,437	\$ 158,494
2025	81,057	72,438	153,495
2026	81,057	67,187	148,244
2027	81,057	61,688	142,745
Totals	<u>\$ 324,228</u>	<u>\$ 278,750</u>	<u>\$ 602,978</u>

2020 Installment Sale Agreement

In February 2020, the City entered into an installment sale agreement in the amount of \$1,350,000 with JPMorgan Chase, to finance the acquisition of land to construct a water reservoir and related capital improvements. Interest rates on the installment payments are 1.90%. The installment payments are payable from and secured by the City's pledge under the indenture of that portion of "Net Revenues" necessary to pay debt service on the debt and any parity obligations issued under the indenture. The installment payments, including principal and interest, are due on June 1 and December 1 of each year, commencing on June 1, 2020, and are to be made from Net Revenues, defined generally as gross revenues received from the City's water system, less maintenance and operation costs. For 2022-23, the Net Revenues amounted to approximately (\$930,000) while the required Net Revenues based on the debt agreement approximated \$192,000. Maintenance and Operations expenses increased primarily due to costs of importing water from the Metropolitan Water District (MWD) to meet demand while completing current water treatment projects.

The Installment Sale Agreement contains a provision that in an event of default, outstanding amounts may become immediately due and payable. The following represents the future debt service requirements:

Fiscal Year Ending June 30,	Principal	Interest	Total
2024	\$ 130,000	\$ 18,430	\$ 148,430
2025	135,000	15,960	150,960
2026	135,000	13,395	148,395
2027	140,000	10,830	150,830
2028	140,000	8,170	148,170
2029	145,000	5,510	150,510
2030	145,000	2,755	147,755
Totals	<u>\$ 970,000</u>	<u>\$ 75,050</u>	<u>\$ 1,045,050</u>

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

6) LONG-TERM LIABILITIES ACTIVITY – Continued

Other Post-Employment Benefits (OPEB) Obligation

OPEB, i.e. retiree medical benefits, are primarily paid from the City's General Fund. In 2015, the City negotiated restructuring retiree medical benefits with all bargaining units. Employees hired after July 1, 2015 receive the minimum retiree medical benefits required by the Public Employees Medical and Health Care Act (PEMHCA), which was \$151 per month for calendar year 2023. The PEMHCA minimum is adjusted by CalPERS annually to account for inflation. In addition, the City established retiree health savings accounts for employees that only qualify for the PEMHCA minimum. The amount contributed by the City is negotiated with each bargaining unit and currently ranges from \$50 - \$150 per month. More information related to the City's OPEB liability is included in Note 8.

7) CITY EMPLOYEES RETIREMENT SYSTEM (DEFINED BENEFIT PENSION PLAN)

General Information about the Defined Benefit Pension Plan

Plan Description – All qualified permanent and probationary employees are eligible to participate in the Public Agency Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Plan) administered by the California Public Employees' Retirement System (CalPERS.) The Plan consists of individual rate plans (benefit tiers) within a safety risk pool (police) and a miscellaneous risk pool. Plan assets may be used to pay benefits for any employer rate plan of the safety and miscellaneous pools. Accordingly, rate plans within the safety or miscellaneous pools are not separate plans under GASB Statement No. 68.

Individual employers may sponsor more than one rate plan in the miscellaneous or safety risk pools. The City sponsors seven rate plans (three miscellaneous and four safety). Benefit provisions under the Plan are established by State statute and City resolution. CalPERS issues publicly available reports that include a full description of the pension plan regarding benefit provisions, assumptions and membership information that can be found on the CalPERS website.

Benefits Provided – The Plan is a cost-sharing multiple-employer defined benefit pension plan administered by the California Public Employees' Retirement System (CalPERS). A full description of the pension plan benefit provisions, assumptions for funding purposes but not accounting purposes, and membership information is listed in the June 30, 2021 Annual Actuarial Valuation Report.

Details of the benefits provided can be obtained in Appendix B of the June 30, 2021 actuarial valuation report. This report is a publicly available valuation report that can be obtained at CalPERS' website under Forms and Publications. The rate plan provisions and benefits in effect at June 30, 2023, are summarized as follows:

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

7) CITY EMPLOYEES RETIREMENT SYSTEM (DEFINED BENEFIT PENSION PLAN) – Continued

	Miscellaneous	Miscellaneous Tier II	Miscellaneous PEPRA
	Prior to November 12, 2005	Prior to January 1, 2013	On or after January 1, 2013
Hire date			
Benefit formula	3% @ 60 single highest year	2% @ 55 36 month average	2% @ 62 36 month average
Benefit vesting schedule	5 years service	5 years service	5 years service
Benefit payments	monthly for life	monthly for life	monthly for life
Retirement age	50 - 60	55	62
Monthly benefits, as a % of eligible compensation	2% to 3%	2%	2%
Required employee contribution rates	8%	7%	7.5%
Required employer contribution rates	16.30% + \$334,216	11.65% + \$13,870	7.65% + \$1,290

	Safety Tier I	Safety Tier II	Safety Tier III	Safety PEPRA
	Prior to January 6, 1994	Prior to September 8, 2012	Prior to January 1, 2013	On or after January 1, 2013
Hire date				
Benefit formula	3% @ 50 single highest year	3% @ 50 36 month average	3% @ 55 36 month average	2.7% @ 55 36 month average
Benefit vesting schedule	5 years service	5 years service	5 years service	5 years service
Benefit payments	monthly for life	monthly for life	monthly for life	monthly for life
Retirement age	50	50	55	55
Monthly benefits, as a % of eligible compensation	3%	3%	3%	2.7%
Required employee contribution rates	9%	9%	9%	13%
Required employer contribution rates	25.48% + \$325,815	22.47% + \$1,426	20.64%	12.78% + \$1,093

Contributions – Section 20814(c) of the California Public Employees’ Retirement Law requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. Funding contributions for the Plan are determined annually on an actuarial basis as of June 30 by CalPERS. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The City is required to contribute the difference between the actuarially determined rate and the contribution rate of employees.

Beginning in fiscal year 2016, CalPERS collects employer contributions for the Plan as a percentage of payroll for the normal cost portion as noted in the rates above and as a dollar amount for contributions toward the unfunded liability. The dollar amounts are billed on a monthly basis. The City’s required contribution for the unfunded liability was \$677,710 in fiscal year 2023.

The City’s contributions to the Plan for the year ended June 30, 2023 were \$2,231,886.

Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions

As of June 30, 2023, the City reported a liability of \$20,237,950 for its proportionate share of the net pension liability. The City’s net pension liability for the Plan is measured as of June 30, 2022, and the total pension liability for the Plan used to calculate the net pension liability was determined by an actuarial valuation as of

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

7) CITY EMPLOYEES RETIREMENT SYSTEM (DEFINED BENEFIT PENSION PLAN) – Continued

June 30, 2021 rolled forward to June 30, 2022 using standard update procedures. The City's proportion of the net pension liability was based on a projection of the City's long-term share of contributions to the pension plan relative to the projected contributions of all participating employers, actuarially determined. The City's proportionate share of the Plan's net pension liability as of June 30, 2022 and 2023 was as follows:

Proportion - June 30, 2022	0.60740%
Proportion - June 30, 2023	0.17521%
Change - Increase (Decrease)	-0.43219%

For the year ended June 30, 2023, the City recognized pension expense of \$1,608,723. At June 30, 2023, the City reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 2,231,886	\$ -
Differences between actual and expected experience	353,213	-
Changes in assumptions	2,058,764	-
Change in employer's proportion	-	34,296,192
Differences between the employer's contributions and the employer's proportionate share of contributions	24,004,472	-
Net differences between projected and actual earnings on plan investments	3,475,556	-
Total	<u>\$ 32,123,891</u>	<u>\$ 34,296,192</u>

The \$2,231,886 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2024. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year Ending June 30,	
2024	\$ (2,345,344)
2025	(2,488,283)
2026	(1,693,983)
2027	2,123,423
2028	-
Thereafter	-

Actuarial Assumptions – The total pension liabilities in the June 30, 2021 actuarial valuations were determined using the following actuarial assumptions:

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

7) CITY EMPLOYEES RETIREMENT SYSTEM (DEFINED BENEFIT PENSION PLAN) – Continued

Valuation date	June 30, 2021
Measurement date	June 30, 2022
Actuarial cost method	entry-age normal
Actuarial assumptions:	
Discount rate	6.90%
Inflation	2.30%
Projected salary increase	(1)
Investment rate of return	6.90%
Mortality	(2)

(1) Depending on age, service and type of employment

(2) Derived using CalPERS' Membership Data for all Funds.

The mortality table used was developed based on CalPERS-specific data. The probabilities of mortality are based on the 2021 CalPERS Experience Study for the period from 2001 to 2019. Pre-retirement and Post-retirement mortality rates include generational mortality improvement using 80% of Scale MP-2020 published by the Society of Actuaries. For more details on this table, please refer to the CalPERS Experience Study and Review of Actuarial Assumptions report from November 2021 that can be found on the CalPERS website.

Long-term Expected Rate of Return The long-term expected rate of return on pension plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all of the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11+ years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the rounded single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equal to the single equivalent rate calculated above and adjusted to account for assumed administrative expenses.

The expected real rates of return by asset class are as follows:

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

7) CITY EMPLOYEES RETIREMENT SYSTEM (DEFINED BENEFIT PENSION PLAN) – Continued

Asset Class	New Strategic Allocation	Real Return (1,2)
Global Equity - Cap Weighted	30%	4.54%
Global Equity - Non-Cap Weighted	12%	3.84%
Private Equity	13%	7.28%
Treasury	5%	0.27%
Mortgage-backed Securities	5%	0.50%
Investment Grade Corporates	10%	1.56%
High Yield	5%	2.27%
Emerging Market Debt	5%	2.48%
Private Debt	5%	3.57%
Real Assets	15%	3.21%
Leverage	-5%	-0.59%

(1) An expected inflation of 2.3% used for this period.

(2) Figures are based on the 2021 Asset Liability Management study.

Discount Rate – The discount rate used to measure the total pension liability for PERF C was 6.90%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, the Plan’s fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate –

The following presents the City’s proportionate share of the net pension liability for the Plan, calculated using the discount rate for the Plan, as well as what the City’s proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

1% Decrease	5.90%
Net Pension Liability	\$ 40,446,302
Current Discount Rate	6.90%
Net Pension Liability	\$ 20,237,950
1% Increase	7.90%
Net Pension Liability	\$ 3,664,611

Pension Plan Fiduciary Net Position – Detailed information about the Plan’s fiduciary net position is available in the separately issued CalPERS financial reports.

Payable to the Pension Plan - At June 30, 2023, the City reported no payables to the pension plan, for outstanding contributions required for the year ended June 30, 2023.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

8) OTHER POST-EMPLOYMENT BENEFITS

Plan Description - For employees hired prior to July 1, 2015, the City contributes to a single-employer defined benefit plan to provide post-employment health care benefits (the "Plan"). Specifically, the City provides health insurance for its retired employees and their dependent spouses (if married and covered on the City's plan at time of retirement), or survivors in accordance with Board resolutions. No assets are accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75.

Benefits Provided - Medical coverage is provided for retired employees who are age 50 or over and who have a minimum of 5 years of service within the PERS system as long as such individuals retire within 120 days of separation from employment and receive a monthly retirement allowance.

The City pays 100% of all premiums charged for the retiree and dependents under the health benefit plan administered by CalPERS in which the individual is able to select, on an annual basis, an insurance carrier from a number of insurance carriers. Medical coverage is provided for the surviving spouse of retired employees and the surviving spouse of active employees who upon death had attained age 50 and who had a minimum of 5 years of service within the PERS system in addition to satisfying the requirement to retire within 120 days of separation. The City will pay 100% of the premiums charged until the surviving spouse remarries, becomes enrolled under another group health plan, or cancels coverage. The plan does not provide a publicly available financial report.

For employees hired on or after July 1, 2015, the City will provide the minimum retiree health benefit required by the Public Employees Medical and Health Care Act (PEMHCA), which was \$151 per month for calendar year 2023 and adjusted by CalPERS annually to account for inflation, and \$50 - \$150 per month into a Retiree Health Savings Account (RSA), depending on bargaining unit.

Employees Covered by Benefit Terms – As of the June 30, 2022 actuarial valuation date, the following current and former employees were covered by the benefit terms under the Plan:

Retirees or spouses of retirees currently receiving benefits	109
Inactive employees entitled to but not yet receiving benefits	11
Active employees	105
	<hr/>
	225
	<hr/>

Contributions - The contribution requirements of plan members and the City are established and may be amended by the City Council, and/or the employee associations. Currently, contributions are not required from plan members. The City is currently funding this OPEB liability on a pay-as-you-go basis. This obligation is typically liquidated from the General Fund and responsible Enterprise Funds.

Total OPEB Liability - The City's Total OPEB liability was measured as of June 30, 2022 and was determined by an actuarial valuation dated June 30, 2021, based on the following actuarial methods and assumptions:

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

8) OTHER POST-EMPLOYMENT BENEFITS – Continued

Valuation Date	June 30, 2021
Actuarial Cost Method	Entry Age, Level Percent of Pay
Contribution Policy	Pay-as-you-go
Mortality	Mortality projected fully generational with Scale MP-2021 CalPERS 2000-2019 Experience Study
Age at Retirement	52
Health Care Trend Rate	6.50% initial, 3.75% ultimate - Non-Medicare 5.65% initial, 3.75% ultimate - Medicare
Inflation Rate	2.50%
Salary Changes	2.75%
Discount Rate	3.69% - Fidelity GO AA - 20-year Index at June 30, 2022 1.92% - Fidelity GO AA - 20-year Index at June 30, 2021

Changes in the Total OPEB Liability

	Total OPEB Liability (TOL)
Balance at June 30, 2021 (measurement date)	\$ 47,287,335
Changes in the year:	
Service cost	1,573,742
Interest on the total OPEB liability	924,278
Differences between expected and actual experience	-
Assumption Changes	(11,402,013)
Benefit payments, including refunds	(1,443,225)
Net changes	(10,347,218)
Balance at June 30, 2022 (measurement date)	\$ 36,940,117

Sensitivity of the Total OPEB Liability to changes in the Discount Rate - The following presents the total OPEB liability of the City if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current discount rate:

	1% Decrease (2.69%)	Discount Rate (3.69%)	1% Increase (4.69%)
Total OPEB liability (asset)	\$ 42,802,698	\$ 36,940,117	\$ 32,237,402

Sensitivity of the Total OPEB Liability to changes in the Healthcare Cost Trend Rates - The following presents the total OPEB liability of the City, as well as what the City's total OPEB would be if it were calculated using a healthcare cost trend rate that is 1-percentage-point lower or 1-percentage-point higher than the current healthcare cost trend rate:

	1% Decrease	Current Healthcare Trend	1% Increase
Total OPEB liability (asset)	\$ 31,451,884	\$ 36,940,117	\$ 43,929,619

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

8) OTHER POST-EMPLOYMENT BENEFITS – Continued

OPEB Expense and Deferred Outflows/Inflows of Resources Related to OPEB - For the year ended June 30, 2023, the City recognized OPEB expense/(credit) of (\$781,679). The City reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
OPEB Contributions Subsequent to the Measurement Date	\$ 1,388,415	\$ -
Changes of Assumptions	2,914,569	10,388,797
Differences between actual and expected experience	-	3,496,036
Total	<u>\$ 4,302,984</u>	<u>\$ 13,884,833</u>

The \$1,388,415 reported as deferred outflows of resources related to contributions subsequent to the June 30, 2022 measurement date will be recognized as a reduction of the total OPEB liability during the fiscal year ended June 30, 2024. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Year Ending June 30,	
2024	\$ (2,542,696)
2025	(2,391,149)
2026	(2,287,500)
2027	(2,527,276)
2028	(1,221,643)
Thereafter	-

9) SELF-INSURANCE PROGRAM

The City is self-insured for workers' compensation claims, unemployment insurance, property insurance, and comprehensive general and automobile liability. The City purchases excess workers' compensation and liability insurance through its membership in the Independent Cities Risk Management Authority (ICRMA), a joint powers authority formed to pool the assets of its members to increase excess insurance buying power. ICRMA procures coverage for its members, in excess of each member's selected self-insured retention, for up to \$30,000,000 per insured occurrence for liability claims and statutory limits for workers' compensation claims. ICRMA is considered a self-sustaining risk pool with 16 member cities. Annual premium payments are paid by member cities and are adjusted retrospectively to cover costs.

Each member city self-insures from the first dollar to their selected self-insured retention. Each member city appoints one member and two alternates to the ICRMA Governing Board.

At June 30, 2023, the internal service fund had a deficit fund balance of \$3,425,209. The deficit fund balance is being addressed by increasing charges made to other City funds in future years.

Workers' Compensation

The City participates in the Workers' Compensation Program through ICRMA and maintains coverage pursuant to the Workers' Compensation Laws of the State of California. The City is self-insured for the first \$500,000 of each claim. Excess insurance is provided through ICRMA from \$500,001 to the statutory limit per insured

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

9) SELF-INSURANCE PROGRAM - Continued

occurrence.

Claims expenditures and liabilities are reported when it is probable that a loss has occurred and the amount of that loss can be reasonably estimated. These losses include an estimate of claims that have been incurred but not reported. At June 30, 2023, the amount of these liabilities was \$1,886,888. This liability is the City's best estimate based on available information.

General Liability

The City participates in the Liability Program through ICRMA and maintains coverage for comprehensive general and automobile liability, personal injury, contractual liability, errors and omissions, and certain other coverage. The City is self-insured for the first \$250,000 of each claim.

Excess insurance is provided through ICRMA from \$250,001 to \$35,000,000 per insured occurrence. Claims expenditures and liabilities are reported when it is probable that a loss has occurred and the amount of that loss can be reasonably estimated. These losses include an estimate of claims that have been incurred but not reported. At June 30, 2023, the amount of these liabilities was \$3,258,309. This liability is the City's best estimate based on available information. Annual settlements during each of the last three fiscal years have not exceeded insurance coverage in any year.

Changes in Self-Insurance Liability

Changes in the reported claims liabilities resulted from the following:

	FY 2022-23	FY 2021-22	FY 2020-21
Beginning of Year	\$ 3,452,690	\$ 3,253,932	\$ 2,987,895
Claims and Changes in Estimates	5,500,411	1,970,134	1,694,576
Claim Payments	(3,807,904)	(1,771,376)	(1,428,539)
End of Year	<u>\$ 5,145,197</u>	<u>\$ 3,452,690</u>	<u>\$ 3,253,932</u>

10) DEFICIT NET POSITION/FUND BALANCES

The following deficits in non-major governmental funds at June 30, 2023 will be eliminated through the collection of revenues in the future:

	Deficit
Non-major Funds:	
Mall Maintenance Operations	158,523
Local Transportation	37,305
Recreation	30,674
Operating Grants	725,327

11) COMMITMENTS AND CONTINGENCIES

Various claims and lawsuits have been filed against the City in the normal course of business. Based upon information obtained from the City attorney and the self-insurance administrators, the estimated liability under such claims and litigation will not exceed the accrued self-insurance liability recorded in the government-wide statement of net position.

City of San Fernando
Notes to Financial Statements
Year Ended June 30, 2023

11) COMMITMENTS AND CONTINGENCIES - Continued

Also, the City has received State and Federal funds that are subject to review and audit by the grantor agencies. Such audits could generate expenditure disallowances under terms of the grants; however, it is believed that any such reimbursements will not be significant.

Outstanding construction commitments amounted to approximately \$12.4 million as of June 30, 2023.

12) PRIOR PERIOD ADJUSTMENTS

Beginning Net Position in Governmental Activities, and Beginning Fund Balances in Governmental Funds were reduced by \$8,559,721 for prior years' grant revenues which should have been reported as Unearned Revenues. Beginning Net Position in Governmental Activities was increased by \$1,093,325 for amounts which should have been reported as Grant Revenues in prior years.

13) SUBSEQUENT EVENTS

On May 1, 2023, the City Council approved a resolution establishing a Section 115 Trust for OPEB liabilities and related Multiple Employer OPEB/Pension 115 Trust. While initial funding of the account totaling \$500,000 was approved in the Fiscal Year 2022-2023 Adopted Budget, the cash to establish the fund was not transmitted until July 20, 2023.

REQUIRED SUPPLEMENTARY INFORMATION

City of San Fernando
Required Supplementary Information
For the Year Ended June 30, 2023

CHANGES IN TOTAL OPEB LIABILITY/(ASSETS) AND RELATED RATIOS

	Measurement Period					
	2022	2021	2020	2019	2018	2017
Total OPEB Liability						
Service cost	\$ 1,573,742	\$ 1,832,835	\$ 1,588,774	\$ 1,398,168	\$ 1,380,011	\$ 1,601,768
Interest on total OPEB liability	924,278	1,256,206	1,397,186	1,630,542	1,552,449	1,364,732
Changes in assumptions	(11,402,013)	(1,490,219)	4,619,043	(2,513,954)	(425,186)	(4,804,507)
Actual vs. Expected Experience	-	(3,094,378)	-	-	-	-
Benefit payments, including refunds	(1,443,225)	(1,315,946)	(1,111,780)	(1,107,138)	(1,074,819)	(1,064,148)
Net change in total OPEB liability	(10,347,218)	(2,811,502)	6,493,223	(592,382)	1,432,455	(2,902,155)
Total OPEB liability - beginning	47,287,335	50,098,837	43,605,614	44,197,996	42,765,541	45,667,696
Total OPEB liability - ending	<u>\$ 36,940,117</u>	<u>\$ 47,287,335</u>	<u>\$ 50,098,837</u>	<u>\$ 43,605,614</u>	<u>\$ 44,197,996</u>	<u>\$ 42,765,541</u>
Covered-employee payroll	\$ 10,895,730	\$ 10,053,710	\$ 10,545,654	\$ 10,176,564	\$ 8,291,994	\$ 9,645,806
Total OPEB liability as a percentage of covered-employee payroll	339.03%	470.35%	475.07%	428.49%	533.02%	443.36%

Fiscal year 2018 was the first year of implementation; therefore, 10 years of information are not yet available.

Notes to the Schedule of Changes in the City's Total OPEB Liability

No assets are accumulated in a trust that meets the criteria in GASBS No. 75, paragraph 4, to pay related benefits.

Benefit Changes: None

Changes in Assumptions:

The discount rate was changed from 3.56% to 3.62% for the June 30, 2018 measurement period.

The discount rate was changed from 3.62% to 3.13% for the June 30, 2019 measurement period.

The discount rate was changed from 3.13% to 2.45% for the June 30, 2020 measurement period.

The discount rate was changed from 2.45% to 1.92% for the June 30, 2021 measurement period.

The discount rate was changed from 1.92% to 3.69% for the June 30, 2022 measurement period.

City of San Fernando
Required Supplementary Information
For the Year Ended June 30, 2023

Schedule of the City's Proportionate Share of the Net Pension Liability
Last 10 Years*

Measurement Date	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll	Proportionate Share of the Net Pension Liability as a % of Payroll	Plan Fiduciary Net Position as a % of the Total Pension Liability
2022	0.17521%	\$ 20,237,950	\$ 9,142,756	221.36%	86.26%
2021	0.60739%	32,849,738	9,231,146	355.86%	88.29%
2020	0.41953%	45,646,515	9,116,498	500.70%	65.60%
2019	0.41913%	42,948,198	8,514,403	504.42%	66.73%
2018	0.41904%	40,379,804	7,636,028	528.81%	67.74%
2017	0.40795%	40,457,482	7,744,402	522.41%	66.92%
2016	0.41569%	35,969,636	6,907,444	520.74%	68.39%
2015	0.43391%	29,783,281	6,342,163	469.61%	72.67%
2014	0.43086%	26,809,903	7,129,905	376.02%	75.28%

*Fiscal year 2015 was the first year of implementation; therefore, 10 years of information are not yet available.

Notes to the Schedule of the City's Proportionate Share of the Net Pension Liability

Benefit Changes: None

Changes in Assumptions: In 2022, the accounting discount rate was changed from 7.15% to 6.90%. In 2017, the accounting discount rate changed from 7.65% to 7.15%.

City of San Fernando
Required Supplementary Information
For the Year Ended June 30, 2023

Schedule of Pension Plan Contributions
Last 10 Years*

Fiscal Year	Contractually Required Contributions	Contributions in Relation to the Actuarially Determined Contributions	Contribution Deficiency/ (Excess)	Covered Payroll	Contributions as a % of Covered Payroll
2023	\$ 2,231,886	\$ (2,231,886)	\$ -	\$ 10,478,106	21.30%
2022	40,691,069	(4,417,075)	36,273,994	9,142,756	445.06%
2021	4,417,075	(4,417,075)	-	9,231,146	47.85%
2020	4,125,474	(4,125,474)	-	9,116,498	45.25%
2019	3,571,098	(3,571,098)	-	8,514,403	41.94%
2018	3,088,007	(3,088,007)	-	7,636,028	40.44%
2017	2,850,313	(2,850,313)	-	7,744,402	36.80%
2016	3,079,817	(3,079,817)	-	6,907,444	44.59%
2015	2,314,312	(2,314,312)	-	6,342,163	36.49%

*Fiscal year 2015 was the first year of implementation; therefore, 10 years of information are not yet available.

Notes to the Schedule of Plan Contributions

Valuation Date: 6/30/2013, 6/30/2014, 6/30/2015, 6/30/2016, 6/30/2017, 6/30/2018, 6/30/2019, 6/30/2020 and 6/30/2021

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
General Fund
Year Ended June 30, 2023

	Budgeted Amounts		Actual	Variance with
	Original	Final	Amounts	Final Budget
REVENUES				
Taxes	\$ 17,957,820	\$ 18,103,878	\$ 20,049,742	\$ 1,945,864
Licenses and Permits	360,700	360,700	477,454	116,754
Charges for Services	781,774	781,774	665,499	(116,275)
Fines and Forfeitures	465,600	465,600	418,240	(47,360)
Investment Earnings	608,589	608,589	557,907	(50,682)
Intergovernmental	3,036,557	3,036,557	3,123,012	86,455
Other	43,000	43,000	61,674	18,674
Total Revenues	23,254,040	23,400,098	25,353,528	1,953,430
EXPENDITURES				
Current:				
General Government:				
City Council	179,000	179,000	162,770	16,230
Administration	492,350	492,350	515,830	(23,480)
Personnel	403,205	403,205	376,507	26,698
City Attorney	153,914	430,792	476,414	(45,622)
City Clerk	271,828	271,828	258,560	13,268
Elections	61,641	61,641	38,678	22,963
Financial Management	711,617	711,617	684,654	26,963
Information Technology	519,271	519,839	365,113	154,726
Retirement and Nondepartmental	1,608,088	1,435,795	908,851	526,944
Public Safety:				
Police	10,268,099	10,279,008	10,870,792	(591,784)
Fire	3,150,000	3,062,793	3,062,793	-
Community Development	1,675,707	1,744,578	1,292,723	451,855
Public Works	2,297,295	2,371,202	2,014,085	357,117
Parks and Recreation	1,709,930	1,710,961	1,656,096	54,865
Capital Outlay	-	-	4,990	(4,990)
Debt Service	-	24,642	24,642	-
Total Expenditures	23,501,945	23,699,251	22,713,498	985,753
Excess (Deficiency) of Revenues over Expenditures	(247,905)	(299,153)	2,640,030	2,939,183
OTHER FINANCING SOURCES (USES)				
Transfers In	520,000	520,000	520,000	-
Transfers Out	(281,333)	(3,309,885)	(3,108,194)	201,691
Total Other Financing Sources (Uses)	238,667	(2,789,885)	(2,588,194)	201,691
Net Change in Fund Balances	(9,238)	(3,089,038)	51,836	3,140,874
Fund Balance, Beginning of Year	10,231,041	10,231,041	10,231,041	-
Fund Balance, End of Year	\$ 10,221,803	\$ 7,142,003	\$ 10,282,877	\$ 3,140,874

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balance
Budget and Actual - Retirement Tax Fund
Year Ended June 30, 2023

	Budgeted Amounts		Actual	Variance with
	Original	Final	Amounts	Final Budget
REVENUES				
Taxes	\$ 4,587,178	\$ 4,587,178	\$ 5,272,636	\$ 685,458
Investment Earnings	-	-	(24,654)	(24,654)
Other	100,000	100,000	195,680	95,680
 Total Revenues	 4,687,178	 4,687,178	 5,443,662	 756,484
EXPENDITURES				
Current:				
General Government	1,632,573	1,632,573	1,326,130	306,443
Public Safety	1,134,960	1,134,960	1,164,811	(29,851)
Community Development	72,711	72,711	72,555	156
Public Works	104,717	104,717	115,640	(10,923)
Parks and Recreation	85,678	85,678	87,728	(2,050)
Debt Service:				
Principal	1,030,000	1,030,000	1,030,000	-
Interest and Fiscal Charges	712,126	712,126	712,126	-
 Total Expenditures	 4,772,765	 4,772,765	 4,508,990	 263,775
 Excess (Deficiency) of Revenues Over (Under) Expenditures	 (85,587)	 (85,587)	 934,672	 1,020,259
OTHER FINANCING SOURCES (USES)				
Transfers In	201,201	201,201	-	(201,201)
Transfers Out	-	-	-	-
 Total Other Financing Sources (Uses)	 201,201	 201,201	 -	 (201,201)
 Net Change in Fund Balances	 115,614	 115,614	 934,672	 819,058
Fund Balance, Beginning of Year	9,435,544	9,435,544	9,435,544	-
Fund Balance, End of Year	<u>\$ 9,551,158</u>	<u>\$ 9,551,158</u>	<u>\$ 10,370,216</u>	<u>\$ 819,058</u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balance
Budget and Actual - ARPA Fund
Year Ended June 30, 2023

	Budgeted Amounts		Actual	Variance with
	Original	Final	Amounts	Final Budget
REVENUES				
Intergovernmental	\$ -	\$ 5,568,340	\$ 5,568,340	\$ -
Other	-	-	-	-
Total Revenues	-	5,568,340	5,568,340	-
EXPENDITURES				
Current:				
General Government	-	917,645	62,003	855,642
Public Works	-	3,650,990	194,892	3,456,098
Capital Outlay	-	1,007,232	1,007,232	-
Total Expenditures	-	5,575,867	1,264,127	4,311,740
Excess (Deficiency) of Revenues Over (Under) Expenditures	-	(7,527)	4,304,213	4,311,740
Fund Balance, Beginning of Year	7,527	7,527	7,527	-
Fund Balance, End of Year	<u>\$ 7,527</u>	<u>\$ -</u>	<u>\$ 4,311,740</u>	<u>\$ 4,311,740</u>

City of San Fernando
Notes to Required Supplementary Information
Year Ended June 30, 2023

BUDGETS AND BUDGETARY ACCOUNTING

The budget of the City is a detailed operating plan, which identifies estimated costs and results in relation to estimated revenues. The budget includes (1) the program, projects, series, and activities to be provided during the fiscal year, (2) the estimated resources (inflows) and amounts available for appropriation and (3) the estimated charges to appropriations. The budget represents a process through which policy decisions are made, implemented and controlled. The City Charter prohibits expending funds for which there is no legal appropriation.

The City's procedures for preparing the budgetary data reflected in the financial statements are:

- The annual budget provides for the general operation of the City and is adopted by the City Council after the holding of a public hearing. The budget figures presented in the accompanying required supplementary information financial schedules represent the original and final revised budget and include proposed expenditures and related financing.
- The City Council approves total budget appropriations and may amend the budget by motion during the fiscal year. The City Manager is authorized to transfer within individual fund budgets without the approval of City Council; however, total appropriations may not be exceeded at the department level. The legal level of budgetary control is at the department level. The appropriated budget covers City expenditures in the General Fund, and Special Revenue Funds. Project length plans are adopted for the capital projects funds with unexpended funds at June 30 re-appropriated in the following year. The debt service on bond issues constitutes a legally authorized "non-appropriated budget". During fiscal year 2022-23, approximately \$200,000 in supplemental budget appropriations in the General Fund were approved by the City Council.
- Formal budgetary integration is employed as a management control device during the year. Commitments for materials and services, such as purchase orders and contracts, are recorded as encumbrances to assist in controlling expenditures. Encumbrances at year-end lapse, and then are added to the following year's budgeted appropriations.
- Annual budgets for the General and Special Revenue Funds are adopted on a basis substantially consistent with generally accepted accounting principles. Actual revenues and expenditures can be compared with related budgeted amounts without any significant reconciling items. No budgetary comparisons are presented for the Proprietary Funds, as the City is not legally required to adopt budgets for this type of fund. In addition, the City did not adopt a budget for the Housing Special Revenue Fund.
- Capital projects are budgeted through the Capital Projects Funds on a project-by-project basis. Appropriations for capital projects authorized but not constructed or completed during the year lapse at year-end, and are then included as part of appropriations in the following year's annual budget.

Budget information is presented as supplementary information for the other governmental special revenue funds. Budgeted revenue amounts represent the original budget modified by Council-authorized adjustments during the year which were contingent upon new, or additional revenue sources. Budgeted expenditure amounts represent original appropriations adjusted for supplemental appropriations during the year. The budgets conform, in all material respects, to generally accepted accounting principles, which serves as the budgeting basis. Appropriations lapse at year-end.

SUPPLEMENTARY INFORMATION

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balance
Budget and Actual - Capital Grants Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Intergovernmental	\$ 27,746,051	\$ 7,622,547	\$ (20,123,504)
Other	-	-	-
	<u>27,746,051</u>	<u>7,622,547</u>	<u>(20,123,504)</u>
Total Revenues			
EXPENDITURES			
Current:			
Public Safety	-	610	(610)
Public Works	-	-	-
Parks and Recreation	952,989	802,629	150,360
Capital Outlay	41,608,029	13,714,252	27,893,777
Debt Service:			
Principal	1,335,441	499,254	836,187
Interest and Fiscal Charges	14,927	14,927	-
	<u>43,911,386</u>	<u>15,031,672</u>	<u>28,879,714</u>
Total Expenditures			
Excess (Deficiency) of Revenues Over (Under) Expenditures	(16,165,335)	(7,409,125)	8,756,210
Fund Balance, Beginning of Year	(1,092,637)	(1,092,637)	-
Fund Balance, End of Year	<u>\$ (17,257,972)</u>	<u>\$ (8,501,762)</u>	<u>\$ 8,756,210</u>

THIS PAGE INTENTIONALLY LEFT BLANK

City of San Fernando
Other Governmental Funds
June 30, 2023

SPECIAL REVENUE FUNDS

Special revenue funds account for specific revenues that are legally restricted to expenditures for particular purposes. The other special revenue funds include:

Measure R Special Revenue Fund - accounts for the receipt of Measure R funds, which is a county-wide half-cent (\$0.50) transaction tax restricted for traffic relief.

Mall Maintenance - Accounts for the Downtown Area Parking, and Mall Maintenance and Assessment District. The funds received are used for maintenance and upkeep, including capital improvements, in the downtown area.

Proposition A Local Transit - Accounts for receipt and approved Local Transit Fund projects from a voter approved sales tax override for public transportation.

Proposition C Discretionary - Accounts for the maintenance of the mile-long bike path along the Metro-link Corridor in San Fernando.

Traffic Safety - Accounts for receipts from traffic fines as levied by local courts. Some of these funds are transferred to the General Fund for traffic safety purposes. The fund is required by Section 1463(b) of the California Penal Code.

Parking Maintenance and Operations - Accounts for parking receipts and maintenance of Business District parking facilities.

Local Transportation - Accounts for state funds allocated by the State for local pedestrian facility development or improvement.

Recreation - Accounts for receipts and the related expenditures from various recreation programs to be used for a specific program, such as sport leagues, craft and music classes, special events and concerts.

Quimby Act Fees - Accounts for revenues from real estate developers, who are required under state law to provide and support park facilities.

Street Lighting - Accounts for revenues and costs associated with the City's street lighting program.

State Asset Forfeiture - Accounts for the receipts and disbursements of state seized and forfeited assets from sale of controlled substances.

State Gas Tax – Accounts for the City's share of motor fuel tax revenue restricted for street maintenance and repairs.

Federal Asset Forfeiture - Accounts for the receipts and disbursements of federal seized and forfeited assets from sale of controlled substances.

AQMD - Accounts for South Coast Air Quality Management District revenues. These funds may be used for various programs to reduce air pollution.

City of San Fernando
Other Governmental Funds – Continued
June 30, 2023

SPECIAL REVENUE FUNDS - Continued

Cash-in-Lieu of Parking - Accounts for revenues and related expenditures from developers or builders who elect to pay a specified amount to the City instead of providing required parking.

Pavement Management - Accounts for all of the pavement impact fees that are generated and the expenditures that are made related to the streets and highway infrastructure.

Proposition C - Accounts for the receipt of the "half-cent" sales tax administered by Metro. These funds are to be used to reduce traffic congestion, improve air quality, improve conditions of streets/freeways, and reduce foreign fuel dependence.

Community Development Block Grant (CDBG) - Accounts for expenses of the Community Development Block Grant received through the County of Los Angeles.

Community Development Surcharge – Accounts for receipts of business license and building related surcharges and disbursements which fund building ongoing programs to promote disabled accessibility and the City's land management enterprise software.

Operating Grants - Accounts for revenues that are restricted for specific operating purposes, including law enforcement and parks and recreation.

Surface Transportation Program Local Funding (STP Local Fund) - Accounts for revenues received from a local sales tax measure to be used for street projects.

SLESF - Accounts for revenues received which are restricted for law enforcement.

Measure M - Accounts for "half-cent" local return revenues from the County-wide sales tax administered by Metro. These funds are to be used to repave local streets, potholes and traffic signals, as well as expand the rail and rapid transit system with the overall objective of easing traffic congestion.

Road Maintenance and Rehab - Accounts for local return revenues received from the State of California (SB1) to address deferred maintenance on the State Highways system and local street and road system.

Measure W - Accounts for revenues from the County-wide parcel tax that provides local, dedicated funding for rainwater and urban runoff management to increase the region's local water supply, improve water quality, and protect public health.

Housing - Accounts for receipts from repayments of low-income housing loans and other housing related revenue. The proceeds are restricted for low income housing purposes.

CAPITAL PROJECTS FUNDS

Capital Outlay - Accounts for capital projects funded by unrestricted general revenues for specific capital projects.

City of San Fernando
Combining Balance Sheet
Other Governmental Funds
June 30, 2023

	Measure R	Mall Maintenance Operations	Proposition A Local Transit	Proposition C Discretionary	Traffic Safety
ASSETS					
Cash and Investments	\$ 607,288	\$ -	\$ 371,879	\$ 21,305	\$ 11,741
Restricted Cash and Investments	1,925	-	-	-	-
Receivables:					
Taxes	-	-	-	-	-
Accounts	-	-	853	-	905
Grants	-	-	-	-	-
Leases	-	-	-	-	-
Loans	-	-	-	-	-
Prepaid Items	-	-	-	-	-
Total Assets	\$ 609,213	\$ -	\$ 372,732	\$ 21,305	\$ 12,646
LIABILITIES					
Accounts Payable	\$ 110,082	\$ 2,392	\$ 20,397	\$ -	\$ -
Accrued Liabilities	203	5,366	2,092	-	43
Deposits	10	-	-	-	-
Due to Other Funds	-	150,765	-	-	-
Unearned Revenue	-	-	-	-	-
Due to Other Agencies	-	-	-	-	-
Total Liabilities	110,295	158,523	22,489	-	43
DEFERRED INFLOWS					
Lease Related	-	-	-	-	-
Unavailable Revenues - Grants	-	-	-	-	-
Total Deferred Inflows	-	-	-	-	-
FUND BALANCES					
Prepaid Items	-	-	-	-	-
Restricted for:					
Transportation	498,918	-	350,243	21,305	12,603
Housing	-	-	-	-	-
Air Pollution	-	-	-	-	-
Parks and Recreation	-	-	-	-	-
Public Safety	-	-	-	-	-
Community Development	-	-	-	-	-
Parking	-	-	-	-	-
Unassigned	-	(158,523)	-	-	-
Total Fund Balances	498,918	(158,523)	350,243	21,305	12,603
Total Liabilities, Deferred Inflows and Fund Balances	\$ 609,213	\$ -	\$ 372,732	\$ 21,305	\$ 12,646

Parking Maintenance and Operations	Local Transportation	Recreation	Quimby Act Fees	Street Lighting	State Asset Forfeiture	State Gas Tax
\$ 365,054	\$ -	\$ -	\$ 33,996	\$ 492,429	\$ 308	\$ 150,551
-	-	-	-	-	-	-
1,658	-	-	-	6,090	-	52,129
-	-	-	-	-	-	-
-	-	-	-	-	-	-
175,611	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	895	-	-	-	-
<u>\$ 542,323</u>	<u>\$ -</u>	<u>\$ 895</u>	<u>\$ 33,996</u>	<u>\$ 498,519</u>	<u>\$ 308</u>	<u>\$ 202,680</u>
\$ 22,123	\$ 851	\$ 16,833	\$ -	\$ 25,655	\$ -	\$ 202,680
3,195	-	13,784	152	3,707	-	-
1,067	-	-	-	-	-	-
-	36,454	952	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
<u>26,385</u>	<u>37,305</u>	<u>31,569</u>	<u>152</u>	<u>29,362</u>	<u>-</u>	<u>202,680</u>
175,020	-	-	-	-	-	-
-	-	-	-	-	-	-
<u>175,020</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
-	-	895	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	33,844	-	-	-
-	-	-	-	469,157	308	-
-	-	-	-	-	-	-
340,918	-	-	-	-	-	-
-	(37,305)	(31,569)	-	-	-	-
<u>340,918</u>	<u>(37,305)</u>	<u>(30,674)</u>	<u>33,844</u>	<u>469,157</u>	<u>308</u>	<u>-</u>
<u>\$ 542,323</u>	<u>\$ -</u>	<u>\$ 895</u>	<u>\$ 33,996</u>	<u>\$ 498,519</u>	<u>\$ 308</u>	<u>\$ 202,680</u>

Continued

City of San Fernando
Combining Balance Sheet
Other Governmental Funds - Continued
June 30, 2023

	Federal Asset Forfeiture	AQMD	Cash-in-Lieu of Parking	Pavement Management	Proposition C
ASSETS					
Cash and Investments	\$ 174	\$ 172,842	\$ 497,484	\$ 13,734	\$ 512,680
Restricted Cash and Investments	-	-	-	-	-
Receivables:					
Taxes	-	7,844	-	-	-
Accounts	-	-	-	-	-
Grants	-	-	-	-	-
Leases	-	-	-	-	-
Loans	-	-	-	-	-
Prepaid Items	-	-	-	-	-
Total Assets	\$ 174	\$ 180,686	\$ 497,484	\$ 13,734	\$ 512,680
LIABILITIES					
Accounts Payable	\$ -	\$ -	\$ -	\$ -	\$ 220,014
Accrued Liabilities	-	-	-	-	20,554
Deposits	-	-	-	-	-
Due to Other Funds	-	-	-	-	-
Unearned Revenue	-	-	-	-	-
Due to Other Agencies	-	-	-	-	-
Total Liabilities	-	-	-	-	240,568
DEFERRED INFLOWS					
Lease Related	-	-	-	-	-
Unavailable Revenues - Grants	-	7,844	-	-	-
	-	7,844	-	-	-
FUND BALANCES					
Prepaid Items	-	-	-	-	-
Restricted for:					
Transportation	-	-	497,484	13,734	272,112
Housing	-	-	-	-	-
Air Pollution	-	172,842	-	-	-
Parks and Recreation	-	-	-	-	-
Public Safety	174	-	-	-	-
Community Development	-	-	-	-	-
Parking	-	-	-	-	-
Unassigned	-	-	-	-	-
Total Fund Balances	174	172,842	497,484	13,734	272,112
Total Liabilities, Deferred Inflows and Fund Balances	\$ 174	\$ 180,686	\$ 497,484	\$ 13,734	\$ 512,680

Community Development Block Grant	Community Development Surcharge	Operating Grants	STP Local Fund	SLESF	Measure M	Road Maintenance & Rehab
\$ -	\$ 176,238	\$ -	\$ 246,806	\$ 209,295	\$ 1,557,752	\$ 1,114,005
-	-	-	-	-	-	-
-	-	-	-	-	-	92,480
-	230	3,198	-	-	-	-
34,336	-	646,784	-	-	-	-
-	-	-	-	-	-	-
243,070	-	-	-	-	-	-
-	-	-	-	-	-	-
<u>\$ 277,406</u>	<u>\$ 176,468</u>	<u>\$ 649,982</u>	<u>\$ 246,806</u>	<u>\$ 209,295</u>	<u>\$ 1,557,752</u>	<u>\$ 1,206,485</u>
\$ 5,988	\$ 3,184	\$ 233,972	\$ -	\$ -	\$ 1,169,217	\$ 1,003,154
-	7,236	2,897	-	-	-	-
-	-	12,510	-	-	-	-
28,347	-	19,869	-	-	-	-
-	-	475,988	-	-	-	-
243,071	-	-	-	-	-	-
<u>277,406</u>	<u>10,420</u>	<u>745,236</u>	<u>-</u>	<u>-</u>	<u>1,169,217</u>	<u>1,003,154</u>
-	-	-	-	-	-	-
-	-	630,073	-	-	-	-
-	-	630,073	-	-	-	-
-	-	-	-	-	-	-
-	-	-	246,806	-	388,535	203,331
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	209,295	-	-
-	166,048	-	-	-	-	-
-	-	-	-	-	-	-
-	-	(725,327)	-	-	-	-
<u>-</u>	<u>166,048</u>	<u>(725,327)</u>	<u>246,806</u>	<u>209,295</u>	<u>388,535</u>	<u>203,331</u>
<u>\$ 277,406</u>	<u>\$ 176,468</u>	<u>\$ 649,982</u>	<u>\$ 246,806</u>	<u>\$ 209,295</u>	<u>\$ 1,557,752</u>	<u>\$ 1,206,485</u>

Continued

City of San Fernando
Combining Balance Sheet
Other Governmental Funds - Continued
June 30, 2023

	Measure W	Housing	Capital Outlay	Total
ASSETS				
Cash and Investments	\$ 494,459	\$ 2,143,053	\$ 2,756,556	\$ 11,949,629
Restricted Cash and Investments	-	-	-	1,925
Receivables:				
Taxes	-	-	-	160,201
Accounts	-	-	-	5,186
Grants	-	-	-	681,120
Leases	-	-	-	175,611
Loans	-	1,273,762	-	1,516,832
Prepaid Items	-	-	-	895
Total Assets	\$ 494,459	\$ 3,416,815	\$ 2,756,556	\$ 14,491,399
LIABILITIES				
Accounts Payable	\$ 30,335	\$ -	\$ 1,272,918	\$ 4,339,795
Accrued Liabilities	-	169	-	59,398
Deposits	-	-	-	13,587
Due to Other Funds	-	-	-	236,387
Unearned Revenue	-	-	-	475,988
Due to Other Agencies	-	-	-	243,071
Total Liabilities	30,335	169	1,272,918	5,368,226
DEFERRED INFLOWS				
Lease Related	-	-	-	175,020
Unavailable Revenues - Grants	-	-	-	637,917
	-	-	-	812,937
FUND BALANCES				
Prepaid Items	-			895
Restricted for:				
Transportation	464,124	-	-	2,969,195
Housing	-	3,416,646	-	3,416,646
Air Pollution	-	-	-	172,842
Parks and Recreation	-	-	-	33,844
Public Safety	-	-	-	678,934
Community Development	-	-	1,483,638	1,649,686
Parking	-	-	-	340,918
Unassigned	-	-	-	(952,724)
Total Fund Balances	464,124	3,416,646	1,483,638	8,310,236
Total Liabilities, Deferred Inflows and Fund Balances	\$ 494,459	\$ 3,416,815	\$ 2,756,556	\$ 14,491,399

THIS PAGE INTENTIONALLY LEFT BLANK

City of San Fernando
Combining Statement of Revenues, Expenditures and Changes in Fund Balances
Other Governmental Funds
Year Ended June 30, 2023

	Measure R	Mall Maintenance Operations	Proposition A Local Transit	Proposition C Discretionary	Traffic Safety
REVENUES					
Taxes	\$ 404,656	\$ 44,090	\$ 650,651	\$ -	\$ -
Licenses and Permits	-	-	-	-	-
Charges for Services	-	-	11,863	-	-
Fines and Forfeitures	-	-	-	-	5,045
Investment Earnings	34,824	-	1,463	128	-
Intergovernmental	-	-	-	-	-
Other	-	-	-	-	-
Total Revenues	439,480	44,090	663,977	128	5,045
EXPENDITURES					
Current:					
General Government	-	-	-	-	-
Public Safety	-	-	-	-	-
Community Development	-	-	-	-	-
Public Works	4,658	95,344	569,357	-	-
Parks and Recreation	-	-	-	-	-
Capital Outlay	945,557	-	-	-	-
Debt Service:					
Principal	95,000	-	-	-	-
Interest and Fiscal Charges	81,238	-	-	-	-
Total Expenditures	1,126,453	95,344	569,357	-	-
Excess (Deficiency) of Revenues Over (Under) Expenditures	(686,973)	(51,254)	94,620	128	5,045
OTHER FINANCING SOURCES (USES)					
Transfers In	-	-	-	-	-
Transfers Out	-	-	-	-	-
Total Other Financing Sources (Uses)	-	-	-	-	-
Net Change in Fund Balances	(686,973)	(51,254)	94,620	128	5,045
Fund Balances, Beginning (Restated)	1,185,891	(107,269)	255,623	21,177	7,558
Fund Balances, End of Year	\$ 498,918	\$ (158,523)	\$ 350,243	\$ 21,305	\$ 12,603

Parking Maintenance and Operations	Local Transportation	Recreation	Quimby Act Fees	Street Lighting	State Asset Forfeiture	State Gas Tax
\$ 57,841	\$ -	\$ -	\$ -	\$ 333,420	\$ -	\$ -
-	-	-	-	-	-	-
123,165	-	176,937	35,130	-	-	-
-	-	-	-	-	-	-
43,387	-	-	(1,288)	-	410	-
-	3,292	-	-	-	-	597,880
-	-	-	-	-	-	-
224,393	3,292	176,937	33,842	333,420	410	597,880
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
212,831	-	-	-	250,819	-	295,312
-	-	200,343	-	-	-	-
-	17,670	-	-	-	9,961	123,687
-	-	-	-	-	-	-
-	-	-	-	-	-	-
212,831	17,670	200,343	-	250,819	9,961	418,999
11,562	(14,378)	(23,406)	33,842	82,601	(9,551)	178,881
-	-	-	-	-	-	-
-	-	-	-	-	-	(250,000)
-	-	-	-	-	-	(250,000)
11,562	(14,378)	(23,406)	33,842	82,601	(9,551)	(71,119)
329,356	(22,927)	(7,268)	2	386,556	9,859	71,119
\$ 340,918	\$ (37,305)	\$ (30,674)	\$ 33,844	\$ 469,157	\$ 308	\$ -

Continued

City of San Fernando
Combining Statement of Revenues, Expenditures and Changes in Fund Balances
Other Governmental Funds - Continued
Year Ended June 30, 2023

	Federal Asset Forfeiture	AQMD	Cash-in-Lieu of Parking	Pavement Management	Proposition C
REVENUES					
Taxes	\$ -	\$ -	\$ -	\$ -	\$ 539,697
Licenses and Permits	-	-	-	-	-
Charges for Services	-	-	-	-	-
Fines and Forfeitures	-	-	-	-	-
Investment Earnings	364	(358)	2,990	83	(2,082)
Intergovernmental	-	31,344	-	-	-
Other	-	-	-	-	-
Total Revenues	364	30,986	2,990	83	537,615
EXPENDITURES					
Current:					
General Government	-	-	-	-	-
Public Safety	-	-	-	-	-
Community Development	-	-	-	-	-
Public Works	-	-	-	-	210,253
Parks and Recreation	-	-	-	-	-
Capital Outlay	8,763	-	-	-	512,296
Debt Service:					
Principal	-	-	-	-	-
Interest and Fiscal Charges	-	-	-	-	-
Total Expenditures	8,763	-	-	-	722,549
Excess (Deficiency) of Revenues Over (Under) Expenditures	(8,399)	30,986	2,990	83	(184,934)
OTHER FINANCING SOURCES (USES)					
Transfers In	-	-	-	-	-
Transfers Out	-	-	-	-	-
Total Other Financing Sources (Uses)	-	-	-	-	-
Net Change in Fund Balances	(8,399)	30,986	2,990	83	(184,934)
Fund Balances, Beginning (Restated)	8,573	141,856	494,494	13,651	457,046
Fund Balances, End of Year	\$ 174	\$ 172,842	\$ 497,484	\$ 13,734	\$ 272,112

Community Development Block Grant	Community Development Surcharge	Operating Grants	STP Local Fund	SLESF	Measure M	Road Maintenance & Rehab
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 457,752	\$ -
-	-	-	-	-	-	-
-	52,469	-	-	-	-	-
-	-	-	-	-	-	-
-	(1,232)	-	(9,430)	800	(2,054)	21,896
57,446	20,911	492,573	250,887	165,271	-	527,765
-	-	7,750	-	-	-	-
<u>57,446</u>	<u>72,148</u>	<u>500,323</u>	<u>241,457</u>	<u>166,071</u>	<u>455,698</u>	<u>549,661</u>
-	-	9,389	-	-	-	-
-	-	151,512	-	-	-	-
-	-	118,359	-	-	-	-
24,976	26,363	36,049	-	-	-	-
5,475	-	629,456	-	-	-	-
-	-	-	-	-	1,477,013	1,883,588
-	-	-	-	-	-	-
-	-	-	-	-	-	-
<u>30,451</u>	<u>26,363</u>	<u>944,765</u>	<u>-</u>	<u>-</u>	<u>1,477,013</u>	<u>1,883,588</u>
<u>26,995</u>	<u>45,785</u>	<u>(444,442)</u>	<u>241,457</u>	<u>166,071</u>	<u>(1,021,315)</u>	<u>(1,333,927)</u>
-	-	-	-	-	-	-
-	-	-	-	(150,000)	-	-
-	-	-	-	(150,000)	-	-
26,995	45,785	(444,442)	241,457	16,071	(1,021,315)	(1,333,927)
<u>(26,995)</u>	<u>120,263</u>	<u>(280,885)</u>	<u>5,349</u>	<u>193,224</u>	<u>1,409,850</u>	<u>1,537,258</u>
<u>\$ -</u>	<u>\$ 166,048</u>	<u>\$ (725,327)</u>	<u>\$ 246,806</u>	<u>\$ 209,295</u>	<u>\$ 388,535</u>	<u>\$ 203,331</u>

Continued

City of San Fernando
Combining Statement of Revenues, Expenditures and Changes in Fund Balances
Other Governmental Funds - Continued
Year Ended June 30, 2023

	Measure W	Housing	Capital Outlay	Total
REVENUES				
Taxes	\$ 275,319	\$ -	\$ -	\$ 2,763,426
Licenses and Permits	-	-	-	-
Charges for Services	-	-	-	399,564
Fines and Forfeitures	-	-	-	5,045
Investment Earnings	(2,036)	380	-	88,245
Intergovernmental	-	-	-	2,147,369
Other	-	-	-	7,750
Total Revenues	273,283	380	-	5,411,399
EXPENDITURES				
Current:				
General Government	-	-	-	9,389
Public Safety	-	-	-	151,512
Community Development	-	19,913	-	138,272
Public Works	159,432	-	-	1,885,394
Parks and Recreation	-	-	-	835,274
Capital Outlay	-	-	3,427,093	8,405,628
Debt Service:				
Principal	-	-	-	95,000
Interest and Fiscal Charges	-	-	-	81,238
Total Expenditures	159,432	19,913	3,427,093	11,601,707
Excess (Deficiency) of Revenues Over (Under) Expenditures	113,851	(19,533)	(3,427,093)	(6,190,308)
OTHER FINANCING SOURCES (USES)				
Transfers In	-	-	3,053,194	3,053,194
Transfers Out	-	-	-	(400,000)
Total Other Financing Sources (Uses)	-	-	3,053,194	2,653,194
Net Change in Fund Balances	113,851	(19,533)	(373,899)	(3,537,114)
Fund Balances, Beginning (Restated)	350,273	3,436,179	1,857,537	11,847,350
Fund Balances, End of Year	\$ 464,124	\$ 3,416,646	\$ 1,483,638	\$ 8,310,236

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balance
Budget and Actual - Measure R Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Taxes	\$ 375,701	\$ 404,656	\$ 28,955
Investment Earnings	-	34,824	34,824
	<u>375,701</u>	<u>439,480</u>	<u>63,779</u>
Total Revenues			
EXPENDITURES			
Current:			
Public Works	2,584	4,658	(2,074)
Capital Outlay	1,381,570	945,557	436,013
Debt Service:			
Principal	95,000	95,000	-
Interest and Fiscal Charges	81,238	81,238	-
	<u>1,560,392</u>	<u>1,126,453</u>	<u>433,939</u>
Total Expenditures			
Excess (Deficiency) of Revenues Over (Under) Expenditures	(1,184,691)	(686,973)	497,718
Fund Balance, Beginning of Year	<u>1,185,891</u>	<u>1,185,891</u>	<u>-</u>
Fund Balance, End of Year	<u>\$ 1,200</u>	<u>\$ 498,918</u>	<u>\$ 497,718</u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Mall Maintenance Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Taxes	\$ 85,000	\$ 44,090	\$ (40,910)
Total Revenues	<u>85,000</u>	<u>44,090</u>	<u>(40,910)</u>
EXPENDITURES			
Current:			
Public Works	<u>90,259</u>	<u>95,344</u>	<u>(5,085)</u>
Total Expenditures	<u>90,259</u>	<u>95,344</u>	<u>(5,085)</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	(5,259)	(51,254)	(45,995)
Fund Balance, Beginning of Year	<u>(107,269)</u>	<u>(107,269)</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ (112,528)</u></u>	<u><u>\$ (158,523)</u></u>	<u><u>\$ (45,995)</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Proposition A Local Transit Fund
Year Ended June 30, 2023

	Budgeted Amounts <u>Final</u>	Actual Amounts <u></u>	Variance with Final Budget <u></u>
REVENUES			
Taxes	\$ 603,918	\$ 650,651	\$ 46,733
Charges for Services	15,314	11,863	(3,451)
Investment Earnings	<u>-</u>	<u>1,463</u>	<u>1,463</u>
Total Revenues	<u>619,232</u>	<u>663,977</u>	<u>44,745</u>
EXPENDITURES			
Current:			
Public Works	<u>605,724</u>	<u>569,357</u>	<u>36,367</u>
Total Expenditures	<u>605,724</u>	<u>569,357</u>	<u>36,367</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	13,508	94,620	81,112
Fund Balance, Beginning of Year	<u>255,623</u>	<u>255,623</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ 269,131</u></u>	<u><u>\$ 350,243</u></u>	<u><u>\$ 81,112</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Proposition C Discretionary Fund
Year Ended June 30, 2023

	Budgeted Amounts <u>Final</u>	Actual Amounts	Variance with Final Budget
REVENUES			
Investment Earnings	\$ -	\$ 128	\$ 128
Intergovernmental	<u>-</u>	<u>-</u>	<u>-</u>
Total Revenues	<u>-</u>	<u>128</u>	<u>128</u>
EXPENDITURES			
Capital Outlay	<u>1,528,757</u>	<u>-</u>	<u>1,528,757</u>
Total Expenditures	<u>1,528,757</u>	<u>-</u>	<u>1,528,757</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	(1,528,757)	128	1,528,885
Fund Balance, Beginning of Year	<u>21,177</u>	<u>21,177</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ (1,507,580)</u></u>	<u><u>\$ 21,305</u></u>	<u><u>\$ 1,528,885</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Traffic Safety Fund
Year Ended June 30, 2023

	<u>Budgeted Amounts Final</u>	<u>Actual Amounts</u>	<u>Variance with Final Budget</u>
REVENUES			
Fines and Forfeitures	\$ -	\$ 5,045	\$ 5,045
Total Revenues	<u>-</u>	<u>5,045</u>	<u>5,045</u>
EXPENDITURES			
Current:			
Public Works	-	-	-
Capital Outlay	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenditures	<u>-</u>	<u>-</u>	<u>-</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	-	5,045	5,045
Fund Balance, Beginning of Year	<u>7,558</u>	<u>7,558</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ 7,558</u></u>	<u><u>\$ 12,603</u></u>	<u><u>\$ 5,045</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Parking Maintenance and Operations Fund
Year Ended June 30, 2023

	Budgeted Amounts <u>Final</u>	Actual Amounts	Variance with Final Budget
REVENUES			
Taxes	\$ 50,000	\$ 57,841	\$ 7,841
Charges for Services	132,500	123,165	(9,335)
Investment Earnings	<u>25,789</u>	<u>43,387</u>	<u>17,598</u>
Total Revenues	<u>208,289</u>	<u>224,393</u>	<u>16,104</u>
EXPENDITURES			
Current:			
Public Works	226,863	212,831	14,032
Capital Outlay	<u>150,000</u>	<u>-</u>	<u>150,000</u>
Total Expenditures	<u>376,863</u>	<u>212,831</u>	<u>164,032</u>
Excess (Deficiency) of Revenues Over (under) Expenditures	(168,574)	11,562	180,136
Fund Balance, Beginning of Year	<u>329,356</u>	<u>329,356</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ 160,782</u></u>	<u><u>\$ 340,918</u></u>	<u><u>\$ 180,136</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Local Transportation Fund
Year Ended June 30, 2023

	<u>Budgeted Amounts Final</u>	<u>Actual Amounts</u>	<u>Variance with Final Budget</u>
REVENUES			
Intergovernmental	\$ 23,311	\$ 3,292	\$ (20,019)
Total Revenues	<u>23,311</u>	<u>3,292</u>	<u>(20,019)</u>
EXPENDITURES			
Current:			
Public Works	-	-	-
Capital Outlay	<u>23,311</u>	<u>17,670</u>	<u>5,641</u>
Total Expenditures	<u>23,311</u>	<u>17,670</u>	<u>5,641</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	-	(14,378)	(14,378)
Fund Balance, Beginning of Year	<u>(22,927)</u>	<u>(22,927)</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ (22,927)</u></u>	<u><u>\$ (37,305)</u></u>	<u><u>\$ (14,378)</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Recreation Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Charges for Services	\$ 272,744	\$ 176,937	\$ (95,807)
Total Revenues	<u>272,744</u>	<u>176,937</u>	<u>(95,807)</u>
EXPENDITURES			
Current:			
Parks and Recreation	<u>279,510</u>	<u>200,343</u>	<u>79,167</u>
Total Expenditures	<u>279,510</u>	<u>200,343</u>	<u>79,167</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	(6,766)	(23,406)	(16,640)
Fund Balance, Beginning of Year	<u>(7,268)</u>	<u>(7,268)</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ (14,034)</u></u>	<u><u>\$ (30,674)</u></u>	<u><u>\$ (16,640)</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Quimby Act Fees Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Charges for Services	\$ -	\$ 35,130	35,130
Investment Earnings	-	(1,288)	(1,288)
Other	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>
Total Revenues	<u>-</u>	<u>33,842</u>	<u>33,842</u>
EXPENDITURES			
Current:			
Parks and Recreation	-	-	-
Capital Outlay	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenditures	<u>-</u>	<u>-</u>	<u>-</u>
Excess (Deficiency) of Revenues Over (under) Expenditures	-	33,842	33,842
Fund Balance, Beginning of Year	<u>2</u>	<u>2</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ 2</u></u>	<u><u>\$ 33,844</u></u>	<u><u>\$ 33,842</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Street Lighting Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Taxes	\$ 327,550	\$ 333,420	\$ 5,870
Total Revenues	327,550	333,420	5,870
EXPENDITURES			
Current:			
Public Works	327,550	250,819	76,731
Total Expenditures	327,550	250,819	76,731
Excess (Deficiency) of Revenues Over (Under) Expenditures	-	82,601	82,601
OTHER FINANCING SOURCES (USES)			
Transfers In	-	-	-
Total Other Financing Sources (Uses)	-	-	-
Net Change in Fund Balance	-	82,601	82,601
Fund Balance, Beginning of Year	386,556	386,556	-
Fund Balance, End of Year	\$ 386,556	\$ 469,157	\$ 82,601

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - State Asset Forfeiture Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Fines and Forfeitures	\$ -	\$ -	\$ -
Investment Earnings	-	410	410
	-	410	410
Total Revenues	-	410	410
EXPENDITURES			
Capital Outlay	9,961	9,961	-
	9,961	9,961	-
Total Expenditures	9,961	9,961	-
Excess (Deficiency) of Revenues Over (Under) Expenditures	(9,961)	(9,551)	410
Fund Balance, Beginning of Year	9,859	9,859	-
Fund Balance, End of Year	\$ (102)	\$ 308	\$ 410

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - State Gas Tax Fund
Year Ended June 30, 2023

	<u>Budgeted Amounts Final</u>	<u>Actual Amounts</u>	<u>Variance with Final Budget</u>
REVENUES			
Intergovernmental	\$ 721,383	\$ 597,880	\$ (123,503)
Total Revenues	<u>721,383</u>	<u>597,880</u>	<u>(123,503)</u>
EXPENDITURES			
Current:			
Public Works	299,072	295,312	3,760
Capital Outlay	<u>242,930</u>	<u>123,687</u>	<u>119,243</u>
Total Expenditures	<u>542,002</u>	<u>418,999</u>	<u>123,003</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	<u>179,381</u>	<u>178,881</u>	<u>(500)</u>
OTHER FINANCING SOURCES (USES)			
Transfers Out	<u>(250,000)</u>	<u>(250,000)</u>	<u>-</u>
Total Other Financing Sources (Uses)	<u>(250,000)</u>	<u>(250,000)</u>	<u>-</u>
Net Change in Fund Balances	(70,619)	(71,119)	(500)
Fund Balance, Beginning of Year	<u>71,119</u>	<u>71,119</u>	<u>-</u>
Fund Balance, End of Year	<u>\$ 500</u>	<u>\$ -</u>	<u>\$ (500)</u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Federal Asset Forfeiture Fund
Year Ended June 30, 2023

	Budgeted Amounts <u>Final</u>	Actual Amounts <u></u>	Variance with Final Budget <u></u>
REVENUES			
Fines and Forfeitures	\$ -	\$ -	\$ -
Investment Earnings	<u>-</u>	<u>364</u>	<u>364</u>
Total Revenues	<u>-</u>	<u>364</u>	<u>364</u>
EXPENDITURES			
Capital Outlay	<u>8,763</u>	<u>8,763</u>	<u>-</u>
Total Expenditures	<u>8,763</u>	<u>8,763</u>	<u>-</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	(8,763)	(8,399)	364
Fund Balance, Beginning of Year	<u>8,573</u>	<u>8,573</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ (190)</u></u>	<u><u>\$ 174</u></u>	<u><u>\$ 364</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - AQMD Fund
Year Ended June 30, 2023

	<u>Budgeted Amounts Final</u>	<u>Actual Amounts</u>	<u>Variance with Final Budget</u>
REVENUES			
Investment Earnings	\$ -	\$ (358)	\$ (358)
Intergovernmental	<u>30,000</u>	<u>31,344</u>	<u>1,344</u>
Total Revenues	<u>30,000</u>	<u>30,986</u>	<u>986</u>
EXPENDITURES			
Current:			
Public Works	-	-	-
Capital Outlay	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenditures	<u>-</u>	<u>-</u>	<u>-</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	30,000	30,986	986
Fund Balance, Beginning of Year	<u>141,856</u>	<u>141,856</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ 171,856</u></u>	<u><u>\$ 172,842</u></u>	<u><u>\$ 986</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Cash-in-Lieu of Parking Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Investment Earnings	\$ -	\$ 2,990	\$ 2,990
Other	-	-	-
	-	-	-
Total Revenues	-	2,990	2,990
OTHER FINANCING SOURCES (USES)			
Transfers In	-	-	-
	-	-	-
Total Other Financing Sources (Uses)	-	-	-
Net Change in Fund Balances	-	2,990	2,990
Fund Balance, Beginning of Year	494,494	494,494	-
Fund Balance, End of Year	\$ 494,494	\$ 497,484	\$ 2,990

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Pavement Management Fund
Year Ended June 30, 2023

	Budgeted Amounts <u>Final</u>	Actual Amounts <u></u>	Variance with Final Budget <u></u>
REVENUES			
Investment Earnings	\$ -	\$ 83	\$ 83
Total Revenues	<u>-</u>	<u>83</u>	<u>83</u>
EXPENDITURES			
Current:			
General Government	-	-	-
Capital Outlay	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenditures	<u>-</u>	<u>-</u>	<u>-</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	-	83	83
Fund Balance, Beginning of Year	<u>13,651</u>	<u>13,651</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ 13,651</u></u>	<u><u>\$ 13,734</u></u>	<u><u>\$ 83</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Proposition C Fund
Year Ended June 30, 2023

	Budgeted Amounts <u>Final</u>	Actual Amounts <u></u>	Variance with Final Budget <u></u>
REVENUES			
Taxes	\$ 500,934	\$ 539,697	\$ 38,763
Investment Earnings	-	(2,082)	(2,082)
	<u>500,934</u>	<u>537,615</u>	<u>36,681</u>
EXPENDITURES			
Current:			
Public Works	231,886	210,253	21,633
Capital Outlay	512,296	512,296	-
	<u>744,182</u>	<u>722,549</u>	<u>21,633</u>
Total Expenditures			
	<u>744,182</u>	<u>722,549</u>	<u>21,633</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	(243,248)	(184,934)	58,314
Fund Balance, Beginning of Year	457,046	457,046	-
Fund Balance, End of Year	<u>\$ 213,798</u>	<u>\$ 272,112</u>	<u>\$ 58,314</u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Community Development Block Grant Fund
Year Ended June 30, 2023

	<u>Budgeted Amounts Final</u>	<u>Actual Amounts</u>	<u>Variance with Final Budget</u>
REVENUES			
Intergovernmental	\$ 303,639	\$ 57,446	\$ (246,193)
Total Revenues	<u>303,639</u>	<u>57,446</u>	<u>(246,193)</u>
EXPENDITURES			
Current:			
Community Development	200,000	-	200,000
Public Works	78,639	24,976	53,663
Parks and Recreation	25,000	5,475	19,525
Capital Outlay	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenditures	<u>303,639</u>	<u>30,451</u>	<u>273,188</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	-	26,995	26,995
Fund Balance, Beginning of Year	<u>(26,995)</u>	<u>(26,995)</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ (26,995)</u></u>	<u><u>\$ -</u></u>	<u><u>\$ 26,995</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Community Development Surcharge Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Charges for Services	\$ 30,000	\$ 52,469	\$ 22,469
Investment Earnings	-	(1,232)	(1,232)
Intergovernmental	20,000	20,911	911
	<u>50,000</u>	<u>72,148</u>	<u>22,148</u>
EXPENDITURES			
Current:			
Community Development	-	-	-
Public Works	32,402	26,363	6,039
	<u>32,402</u>	<u>26,363</u>	<u>6,039</u>
Total Expenditures	<u>32,402</u>	<u>26,363</u>	<u>6,039</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	17,598	45,785	28,187
Fund Balance, Beginning of Year	<u>120,263</u>	<u>120,263</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ 137,861</u></u>	<u><u>\$ 166,048</u></u>	<u><u>\$ 28,187</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Operating Grants Fund
Year Ended June 30, 2023

	Budgeted Amounts <u>Final</u>	Actual Amounts	Variance with Final Budget
REVENUES			
Investment Earnings	\$ -	\$ -	\$ -
Intergovernmental	1,876,453	492,573	(1,383,880)
Other	<u>7,500</u>	<u>7,750</u>	<u>250</u>
Total Revenues	<u>1,883,953</u>	<u>500,323</u>	<u>(1,383,630)</u>
EXPENDITURES			
Current:			
General Government	10,000	9,389	611
Public Safety	610,010	151,512	458,498
Community Development	145,728	118,359	27,369
Public Works	314,067	36,049	278,018
Parks and Recreation	<u>1,035,399</u>	<u>629,456</u>	<u>405,943</u>
Total Expenditures	<u>2,115,204</u>	<u>944,765</u>	<u>1,170,439</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	(231,251)	(444,442)	(213,191)
Fund Balance, Beginning of Year	<u>(280,885)</u>	<u>(280,885)</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ (512,136)</u></u>	<u><u>\$ (725,327)</u></u>	<u><u>\$ (213,191)</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - STP Local Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Investment Earnings	\$ -	\$ (9,430)	\$ (9,430)
Intergovernmental	250,887	250,887	-
Total Revenues	250,887	241,457	(9,430)
EXPENDITURES			
Capital Outlay	250,887	-	250,887
Total Expenditures	250,887	-	250,887
Excess (Deficiency) of Revenues Over (Under) Expenditures	-	241,457	241,457
Fund Balance, Beginning of Year	5,349	5,349	-
Fund Balance, End of Year	\$ 5,349	\$ 246,806	\$ 241,457

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - SLESF Local Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Investment Earnings	\$ -	\$ 800	\$ 800
Intergovernmental	150,000	165,271	15,271
	<u>150,000</u>	<u>165,271</u>	<u>15,271</u>
Total Revenues	150,000	166,071	16,071
	<u>150,000</u>	<u>166,071</u>	<u>16,071</u>
EXPENDITURES			
Current:			
Public Safety	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenditures	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	150,000	166,071	16,071
	<u>150,000</u>	<u>166,071</u>	<u>16,071</u>
OTHER FINANCING SOURCES (USES)			
Transfers Out	(150,000)	(150,000)	-
	<u>(150,000)</u>	<u>(150,000)</u>	<u>-</u>
Total Other Financing Sources (Uses)	(150,000)	(150,000)	-
	<u>(150,000)</u>	<u>(150,000)</u>	<u>-</u>
Net Change in Fund Balances	-	16,071	16,071
Fund Balance, Beginning of Year	193,224	193,224	-
	<u>193,224</u>	<u>193,224</u>	<u>-</u>
Fund Balance, End of Year	\$ 193,224	\$ 209,295	\$ 16,071
	<u>\$ 193,224</u>	<u>\$ 209,295</u>	<u>\$ 16,071</u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Measure M Fund
Year Ended June 30, 2023

	<u>Budgeted Amounts Final</u>	<u>Actual Amounts</u>	<u>Variance with Final Budget</u>
REVENUES			
Taxes	\$ 425,794	\$ 457,752	\$ 31,958
Investment Earnings	<u>-</u>	<u>(2,054)</u>	<u>(2,054)</u>
Total Revenues	<u>425,794</u>	<u>455,698</u>	<u>29,904</u>
EXPENDITURES			
Capital Outlay	<u>1,841,791</u>	<u>1,477,013</u>	<u>364,778</u>
Total Expenditures	<u>1,841,791</u>	<u>1,477,013</u>	<u>364,778</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	(1,415,997)	(1,021,315)	394,682
Fund Balance, Beginning of Year	<u>1,409,850</u>	<u>1,409,850</u>	
Fund Balance, End of Year	<u><u>\$ (6,147)</u></u>	<u><u>\$ 388,535</u></u>	<u><u>\$ 394,682</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Road Maintenance & Rehab Fund
Year Ended June 30, 2023

	Budgeted Amounts <u>Final</u>	Actual Amounts	Variance with Final Budget
REVENUES			
Investment Earnings	\$ -	\$ 21,896	\$ 21,896
Intergovernmental	<u>564,259</u>	<u>527,765</u>	<u>(36,494)</u>
Total Revenues	<u>564,259</u>	<u>549,661</u>	<u>(14,598)</u>
EXPENDITURES			
Capital Outlay	<u>2,101,017</u>	<u>1,883,588</u>	<u>217,429</u>
Total Expenditures	<u>2,101,017</u>	<u>1,883,588</u>	<u>217,429</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	(1,536,758)	(1,333,927)	202,831
Fund Balance, Beginning of Year	<u>1,537,258</u>	<u>1,537,258</u>	
Fund Balance, End of Year	<u><u>\$ 500</u></u>	<u><u>\$ 203,331</u></u>	<u><u>\$ 202,831</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Measure W Fund
Year Ended June 30, 2023

	<u>Budgeted Amounts Final</u>	<u>Actual Amounts</u>	<u>Variance with Final Budget</u>
REVENUES			
Investment Earnings	\$ -	\$ (2,036)	\$ (2,036)
Intergovernmental	<u>280,000</u>	<u>275,319</u>	<u>(4,681)</u>
Total Revenues	<u>280,000</u>	<u>273,283</u>	<u>(6,717)</u>
EXPENDITURES			
Current:			
Public Works	<u>445,000</u>	<u>159,432</u>	<u>285,568</u>
Total Expenditures	<u>445,000</u>	<u>159,432</u>	<u>285,568</u>
Excess (Deficiency) of Revenues Over (Under) Expenditures	(165,000)	113,851	278,851
Fund Balance, Beginning of Year	<u>350,273</u>	<u>350,273</u>	<u>-</u>
Fund Balance, End of Year	<u><u>\$ 185,273</u></u>	<u><u>\$ 464,124</u></u>	<u><u>\$ 278,851</u></u>

City of San Fernando
Schedule of Revenues, Expenditures and Changes in Fund Balances
Budget and Actual - Capital Outlay Fund
Year Ended June 30, 2023

	Budgeted Amounts Final	Actual Amounts	Variance with Final Budget
REVENUES			
Taxes	\$ -	\$ -	\$ -
Total Revenues	-	-	-
EXPENDITURES			
Capital Outlay	4,859,983	3,427,093	1,432,890
Total Expenditures	4,859,983	3,427,093	1,432,890
Excess (Deficiency) of Revenues Over (Under) Expenditures	(4,859,983)	(3,427,093)	1,432,890
OTHER FINANCING SOURCES (USES)			
Transfers In	3,053,194	3,053,194	-
Total Other Financing Sources (Uses)	3,053,194	3,053,194	-
Net Change in Fund Balances	(1,806,789)	(373,899)	1,432,890
Fund Balance, Beginning of Year	1,857,537	1,857,537	-
Fund Balance, End of Year	\$ 50,748	\$ 1,483,638	\$ 1,432,890

NONMAJOR ENTERPRISE FUNDS

City of San Fernando
Nonmajor Enterprise Funds
June 30, 2023

Compressed Natural Gas Fund - This fund is used to account for, track, and manage the operations of a publicly accessible CNG fueling station.

Waste Disposal Fund - This fund is used to account for the collection of solid waste from all residential utility accounts within the City. As of February 2014, solid waste collection, disposal, and billing services are provided through an exclusive franchise agreement with a private waste disposal company.

City of San Fernando
Combining Statement of Net Position
Nonmajor Enterprise Funds
June 30, 2023

	<u>Compressed Natural Gas</u>	<u>Waste Disposal</u>	<u>Totals</u>
ASSETS			
Current Assets:			
Cash and Investments	\$ 135,924	\$ 49,650	\$ 185,574
Accounts Receivable	-	-	-
Total Current Assets	<u>135,924</u>	<u>49,650</u>	<u>185,574</u>
Noncurrent Assets:			
Capital Assets:			
Equipment	-	53,657	53,657
Accumulated Depreciation	-	(53,657)	(53,657)
Total Noncurrent Assets	<u>-</u>	<u>-</u>	<u>-</u>
Total Assets	<u>135,924</u>	<u>49,650</u>	<u>185,574</u>
LIABILITIES			
Current Liabilities:			
Accounts Payable	31,754	6,530	38,284
Accrued Liabilities	2	-	2
Total Current Liabilities	<u>31,756</u>	<u>6,530</u>	<u>38,286</u>
NET POSITION			
Net Investment In Capital Assets	-	-	-
Unrestricted	104,168	43,120	147,288
Total Net Position	<u>\$ 104,168</u>	<u>\$ 43,120</u>	<u>\$ 147,288</u>

City of San Fernando
Combining Statement of Revenues, Expenses, and Changes in Net Position
Nonmajor Enterprise Funds
Year Ended June 30, 2023

	Compressed Natural Gas	Waste Disposal	Totals
OPERATING REVENUES			
Charges for Services	\$ 448,230	\$ -	\$ 448,230
Other	2,735	-	2,735
	<u>450,965</u>	<u>-</u>	<u>450,965</u>
OPERATING EXPENSES			
Administration and General	-	-	-
Maintenance and Operations	496,035	7,492	503,527
Depreciation	-	2,508	2,508
	<u>496,035</u>	<u>10,000</u>	<u>506,035</u>
Total Operating Expenses	<u>496,035</u>	<u>10,000</u>	<u>506,035</u>
Operating Income (Loss)	<u>(45,070)</u>	<u>(10,000)</u>	<u>(55,070)</u>
NONOPERATING REVENUES (EXPENSES)			
Interest Income	3,109	340	3,449
	<u>3,109</u>	<u>340</u>	<u>3,449</u>
Total Nonoperating Revenues (Expenses)	<u>3,109</u>	<u>340</u>	<u>3,449</u>
Income (Loss) Before Transfers	(41,961)	(9,660)	(51,621)
Transfers In	-	-	-
Transfers Out	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>
Change in Net Position	(41,961)	(9,660)	(51,621)
Net Position, Beginning of Year	146,129	52,780	198,909
	<u>146,129</u>	<u>52,780</u>	<u>198,909</u>
Net Position, End of Year	<u>\$ 104,168</u>	<u>\$ 43,120</u>	<u>\$ 147,288</u>

City of San Fernando
Combining Statement of Cash Flows
Nonmajor Enterprise Funds
Year Ended June 30, 2023

	Compressed Natural Gas	Waste Disposal	Totals
CASH FLOWS FROM OPERATING ACTIVITIES			
Receipts from Customers and Users	\$ 449,654	\$ -	\$ 449,654
Payments to Suppliers and Contractors	(490,807)	(962)	(491,769)
Payments to Employees	-	-	-
Other Operating Income	2,735	-	2,735
Net Cash from Operating Activities	(38,418)	(962)	(39,380)
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES			
Transfers from Other Funds	-	-	-
Transfers to Other Funds	-	-	-
Net Cash from Noncapital Financing Activities	-	-	-
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES			
Acquisition of Capital Assets	-	-	-
CASH FLOWS FROM INVESTING ACTIVITIES			
Interest Received	3,109	340	3,449
Net Increase (Decrease) in Cash	(35,309)	(622)	(35,931)
Cash and Cash Equivalents - Beginning of Year	171,233	50,272	221,505
Cash and Cash Equivalents - End of Year	<u>\$ 135,924</u>	<u>\$ 49,650</u>	<u>\$ 185,574</u>
Reconciliation of Operating Income (Loss) to Net Cash from Operating Activities:			
Operating Income (Loss)	\$ (45,070)	\$ (10,000)	\$ (55,070)
Adjustments to Reconcile Operating Income to Net Cash Provided (Used) by Operating Activities:			
Depreciation	-	2,508	2,508
Changes in Assets and Liabilities:			
(Increase) Decrease in Accounts Receivable	1,424	-	1,424
Increase (Decrease) in Accounts Payable	5,228	6,530	11,758
Net Cash Provided by Operating Activities	<u>\$ (38,418)</u>	<u>\$ (962)</u>	<u>\$ (39,380)</u>

INTERNAL SERVICE FUNDS

City of San Fernando
Combining Statement of Net Position
Internal Service Funds
June 30, 2023

	Governmental Activities Internal Service Funds			
	Equipment Replacement	Facilities Maintenance	Self Insurance	Totals
ASSETS				
Current Assets:				
Cash and Investments	\$ 994,393	\$ 28,969	\$ 2,002,203	\$ 3,025,565
Accounts Receivable	-	261	59,064	59,325
Inventory	44,982	-	-	44,982
Prepaid Items	-	-	-	-
Due From Other Funds	-	-	-	-
Total Current Assets	<u>1,039,375</u>	<u>29,230</u>	<u>2,061,267</u>	<u>3,129,872</u>
Noncurrent Assets:				
Capital Assets - Buildings	-	81,268	-	81,268
Capital Assets - Equipment	345,787	193,714	-	539,501
Less: Accumulated Depreciation	<u>(121,913)</u>	<u>(62,605)</u>	<u>-</u>	<u>(184,518)</u>
Total Noncurrent Assets	<u>223,874</u>	<u>212,377</u>	<u>-</u>	<u>436,251</u>
Total Assets	<u>1,263,249</u>	<u>241,607</u>	<u>2,061,267</u>	<u>3,566,123</u>
LIABILITIES				
Current Liabilities:				
Accounts Payable	97,150	108,690	17,051	222,891
Accrued Liabilities	7,488	32,473	-	39,961
Insurance Assessment Payable - Current	-	-	81,057	81,057
Claims Payable - Current	<u>-</u>	<u>-</u>	<u>1,552,825</u>	<u>1,552,825</u>
Total Current Liabilities	<u>104,638</u>	<u>141,163</u>	<u>1,650,933</u>	<u>1,896,734</u>
Noncurrent Liabilities:				
Insurance Assessment Payable	-	-	243,171	243,171
Claims Payable	<u>-</u>	<u>-</u>	<u>3,592,372</u>	<u>3,592,372</u>
Total Noncurrent Liabilities	<u>-</u>	<u>-</u>	<u>3,835,543</u>	<u>3,835,543</u>
Total Liabilities	<u>104,638</u>	<u>141,163</u>	<u>5,486,476</u>	<u>5,732,277</u>
NET POSITION				
Net Investment In Capital Assets	223,874	212,377	-	436,251
Unrestricted	<u>934,737</u>	<u>(111,933)</u>	<u>(3,425,209)</u>	<u>(2,602,405)</u>
Total Net Position	<u>\$ 1,158,611</u>	<u>\$ 100,444</u>	<u>\$ (3,425,209)</u>	<u>\$ (2,166,154)</u>

City of San Fernando
Combining Statement of Revenues, Expenses, and Changes in Net Position
Internal Service Funds
Year Ended June 30, 2023

	Governmental Activities Internal Service Funds			
	Equipment Replacement	Facilities Maintenance	Self Insurance	Totals
OPERATING REVENUES				
Charges for Services	\$ 689,592	\$ 1,527,953	\$ 1,508,306	\$ 3,725,851
Other	-	-	1,313,634	1,313,634
Total Operating Revenues	689,592	1,527,953	2,821,940	5,039,485
OPERATING EXPENSES				
Administration and General	274,352	1,454,442	4,167,083	5,895,877
Maintenance and Operations	315,698	254,735	-	570,433
Depreciation	101,331	29,513	-	130,844
Total Operating Expenses	691,381	1,738,690	4,167,083	6,597,154
Operating Income (Loss)	(1,789)	(210,737)	(1,345,143)	(1,557,669)
NONOPERATING REVENUES (EXPENSES)				
Interest Income	5,197	10,037	(6,066)	9,168
Total Nonoperating Revenues (Expenses)	5,197	10,037	(6,066)	9,168
Income (Loss) Before Transfers	3,408	(200,700)	(1,351,209)	(1,548,501)
Transfers In	-	95,008	60,000	155,008
Transfers Out	-	-	-	-
Change in Net Position	3,408	(105,692)	(1,291,209)	(1,393,493)
Net Position, Beginning of Year	1,155,203	206,136	(2,134,000)	(772,661)
Net Position, End of Year	\$ 1,158,611	\$ 100,444	\$ (3,425,209)	\$ (2,166,154)

City of San Fernando
Combining Statement of Cash Flows
Internal Service Funds
Year Ended June 30, 2023

	Governmental Activities Internal Service Funds			
	Equipment Replacement	Facilities Maintenance	Self Insurance	Totals
Cash Flows from Operating Activities				
Cash Received from Interfund Services Provided	\$ 703,127	\$ 1,527,961	\$ 1,503,446	\$ 3,734,534
Cash Paid to Suppliers for Goods and Services	(292,229)	(287,871)	(2,655,871)	(3,235,971)
Cash Paid to Employees	(273,785)	(1,449,361)	-	(1,723,146)
Other Operating Income	-	-	1,313,634	1,313,634
Net Cash from Operating Activities	137,113	(209,271)	161,209	89,051
Cash Flows from Noncapital Financing Activities				
Transfers from Other Funds	-	95,008	60,000	155,008
Net Cash from Noncapital Financing Activities	-	95,008	60,000	155,008
Cash Flows from Capital Financing Activities				
Payments on Long-term Debt	-	(64,553)	-	(64,553)
Acquisition of Capital Assets	(193,745)	(81,268)	-	(275,013)
Net Cash Flows from Capital Financing Activities	(193,745)	(145,821)	-	(339,566)
Cash Flows from Investing Activities				
Interest Received	5,197	10,037	(6,066)	9,168
Net Increase (Decrease) in Cash	(51,435)	(250,047)	215,143	(86,339)
Cash and Cash Equivalents - Beginning of Year	1,045,828	279,016	1,787,060	3,111,904
Cash and Cash Equivalents - End of Year	\$ 994,393	\$ 28,969	\$ 2,002,203	\$ 3,025,565
Reconciliation of Operating Income (Loss) to Net Cash from Operating Activities:				
Operating Income (Loss)	\$ (1,789)	\$ (210,737)	\$ (1,345,143)	\$ (1,557,669)
Adjustments to Reconcile Operating Income to Net Cash Provided (Used) by Operating Activities:				
Depreciation	101,331	29,513	-	130,844
Changes in Assets and Liabilities:				
(Increase) Decrease in Accounts Receivable	13,535	8	(4,860)	8,683
(Increase) Decrease in Inventory	(455)	-	-	(455)
Increase (Decrease) in Accounts Payable	23,924	(33,136)	(100,238)	(109,450)
Increase (Decrease) in Accrued Liabilities	567	5,081	-	5,648
Increase (Decrease) in Insurance Payable	-	-	(81,057)	(81,057)
Increase (Decrease) in Claims Payable	-	-	1,692,507	1,692,507
Net Cash from Operating Activities	\$ 137,113	\$ (209,271)	\$ 161,209	\$ 89,051

STATISTICAL SECTION

City of San Fernando
Description of Statistical Section Contents
June 30, 2023

This part of the City of San Fernando's comprehensive annual financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information say about the government's overall financial health.

Contents:	<u>Pages</u>
<u>Financial Trends</u> these schedules contain trend information to help the reader understand how the City's financial performance and well-being have changed over time	120
<u>Revenue Capacity</u> these schedules contain information to help the reader assess the City's most significant local revenue source, the property tax	130
<u>Debt Capacity</u> these schedules present information to help the reader assess the affordability of the City's current levels of outstanding debt and the City's ability to issue additional debt in the future	139
<u>Demographic and Economic Information</u> these schedules offer demographic and economic indicators to help the reader understand the environment within which the City's financial activities take place	144
<u>Operating Information</u> these schedules contain service and infrastructure data to help the reader understand how the information in the City's financial report relates to the services the City provides and the activities it performs	148

City of San Fernando
Net Position by Component
Last Ten Fiscal Years
(accrual basis of accounting)

	Fiscal Year			
	2014	2015	2016	2017
Governmental activities:				
Net investment in capital assets	\$ 47,859,172	\$ 45,956,739	\$ 44,313,624	\$ 41,001,890
Restricted	11,909,107	5,887,197	5,926,880	5,847,710
Unrestricted	(20,208,301)	(40,687,419)	(39,587,196)	(32,938,991)
Total governmental activities net position	<u>\$ 39,559,978</u>	<u>\$ 11,156,517</u>	<u>\$ 10,653,308</u>	<u>\$ 13,910,609</u>
Business-type activities:				
Net investment in capital assets	\$ 14,866,478	\$ 14,634,533	\$ 14,592,937	\$ 14,515,239
Restricted	-	-	-	-
Unrestricted	8,626,377	8,157,375	7,404,904	3,639,086
Total business-type activities net position	<u>\$ 23,492,855</u>	<u>\$ 22,791,908</u>	<u>\$ 21,997,841</u>	<u>\$ 18,154,325</u>
Primary government:				
Net investment in capital assets	\$ 62,725,650	\$ 60,591,272	\$ 58,906,561	\$ 55,517,129
Restricted	11,909,107	5,887,197	5,926,880	5,847,710
Unrestricted	(11,581,924)	(32,530,044)	(32,182,292)	(29,299,905)
Total primary government net position	<u>\$ 63,052,833</u>	<u>\$ 33,948,425</u>	<u>\$ 32,651,149</u>	<u>\$ 32,064,934</u>

Source: City Finance Department

Fiscal Year					
2018	2019	2020	2021	2022	2023
\$ 42,239,084	\$ 40,925,297	\$ 40,816,119	\$ 41,717,958	\$ 40,754,134	\$ 63,770,882
17,998,631	20,621,615	21,199,073	24,260,931	32,145,559	23,985,734
(66,465,286)	(68,665,049)	(69,620,653)	(68,432,940)	(74,913,031)	(83,360,235)
<u>\$ (6,227,571)</u>	<u>\$ (7,118,137)</u>	<u>\$ (7,605,461)</u>	<u>\$ (2,454,051)</u>	<u>\$ (2,013,338)</u>	<u>\$ 4,396,381</u>
\$ 14,079,295	\$ 13,581,037	\$ 14,803,962	\$ 14,643,543	\$ 13,946,274	\$ 15,421,881
-	-	-	-	-	-
(3,091,126)	(2,373,104)	(2,089,865)	(410,665)	(3,395,964)	(5,425,294)
<u>\$ 10,988,169</u>	<u>\$ 11,207,933</u>	<u>\$ 12,714,097</u>	<u>\$ 14,232,878</u>	<u>\$ 10,550,310</u>	<u>\$ 9,996,587</u>
\$ 56,318,379	\$ 54,506,334	\$ 55,620,081	\$ 56,361,501	\$ 54,700,408	\$ 79,192,763
17,998,631	20,621,615	21,199,073	24,260,931	32,145,559	23,985,734
(69,556,412)	(71,038,153)	(71,710,518)	(68,843,605)	(78,308,995)	(88,785,529)
<u>\$ 4,760,598</u>	<u>\$ 4,089,796</u>	<u>\$ 5,108,636</u>	<u>\$ 11,778,827</u>	<u>\$ 8,536,972</u>	<u>\$ 14,392,968</u>

City of San Fernando
Changes in Net Position
Last Ten Fiscal Years
(accrual basis of accounting)

	Fiscal Year			
	2014	2015	2016	2017
Expenses:				
Governmental activities:				
General government	\$ 4,619,200	\$ 4,935,760	\$ 7,744,559	\$ 4,769,539
Public safety	10,190,441	10,731,526	10,122,343	13,881,037
Community development	981,236	988,973	1,358,166	1,349,334
Public works	6,052,317	7,017,740	5,380,601	5,306,102
Parks and recreation	1,781,749	1,740,259	1,963,627	1,926,959
Interest on long-term debt	58,565	170,118	56,803	120,506
Total governmental activities expenses	23,683,508	25,584,376	26,626,099	27,353,477
Business-type activities:				
Water	2,981,710	3,204,499	3,260,071	3,692,438
Sewer	2,893,127	2,491,408	4,556,154	3,651,883
Compressed Natural Gas	-	-	-	-
Waste disposal	827,986	16,734	27,550	92,446
Total business-type activities expenses	6,702,823	5,712,641	7,843,775	7,436,767
Total primary government expenses	30,386,331	31,297,017	34,469,874	34,790,244
Program revenues:				
Governmental activities:				
Charges for services:				
General government	820,334	758,286	647,141	583,386
Public safety	1,538,619	1,407,121	2,367,700	1,235,131
Community development	431,884	412,683	339,593	380,342
Public works	912,209	763,728	414,979	438,527
Parks and recreation	564,742	397,055	254,491	475,553
Operating grants and contributions	2,851,032	3,386,430	2,409,666	2,272,862
Capital grants and contributions	1,204,330	704,193	1,042,672	1,732,169
Total governmental activities program revenues	8,323,150	7,829,496	7,476,242	7,117,970
Business-type activities:				
Charges for services:				
Water	3,806,797	3,849,880	3,813,635	4,274,122
Sewer	3,326,587	3,401,436	3,336,251	3,368,071
Compressed Natural Gas	-	-	-	-
Waste disposal	858,516	-	6,651	12,984
Total business-type activities program revenues	7,991,900	7,251,316	7,156,537	7,655,177
Total primary government program revenues	16,315,050	15,080,812	14,632,779	14,773,147
Net revenues (expenses):				
Governmental activities	(15,360,358)	(17,754,880)	(19,149,857)	(20,235,507)
Business-type activities	1,289,077	1,538,675	(687,238)	218,410
Total net revenues (expenses)	(14,071,281)	(16,216,205)	(19,837,095)	(20,017,097)

Source: City Finance Department

Fiscal Year					
2018	2019	2020	2021	2022	2023
\$ 5,003,034	\$ 7,604,642	\$ 6,695,845	\$ 8,331,758	\$ 11,508,546	\$ 8,535,396
13,046,118	13,844,371	15,706,963	12,449,356	20,651,820	23,133,497
1,275,585	1,357,983	1,448,244	1,791,458	3,047,990	1,450,838
4,966,748	5,085,991	4,587,387	5,856,079	2,872,863	6,732,859
1,735,878	1,819,230	1,912,396	1,965,303	2,134,123	3,039,015
128,661	88,665	86,044	100,653	417,763	817,025
26,156,024	29,800,882	30,436,879	30,494,607	40,633,105	43,708,630
3,389,704	4,154,617	4,151,358	4,354,894	6,855,816	7,102,186
4,458,457	3,703,978	2,860,657	3,011,816	5,312,532	2,602,834
42,825	80,355	136,837	95,615	164,488	496,035
5,898	3,227	3,284	5,961	3,403	10,000
7,896,884	7,942,177	7,152,136	7,468,286	12,336,239	10,211,055
34,052,908	37,743,059	37,589,015	37,962,893	52,969,344	53,919,685
595,511	882,306	940,109	836,190	110,542	743,378
1,243,148	1,196,184	1,185,587	958,218	1,036,628	1,081,023
400,844	525,102	575,485	492,207	498,787	643,162
423,286	462,055	415,899	489,028	490,496	448,638
445,635	439,805	282,675	131,349	268,658	357,301
3,032,809	2,777,539	2,851,522	3,927,950	6,089,498	9,205,604
1,910,721	1,154,463	1,059,134	5,194,218	7,390,400	16,944,785
8,051,954	7,437,454	7,310,411	12,029,160	15,885,009	29,423,891
4,411,292	4,426,813	4,656,746	4,993,300	5,234,121	5,228,074
3,435,103	3,449,801	3,643,176	4,025,086	3,866,293	4,088,886
68,467	117,355	187,994	140,910	133,450	450,965
16,994	6,416	278	114	6,467	-
7,931,856	8,000,385	8,488,194	9,159,410	9,240,331	9,767,925
15,983,810	15,437,839	15,798,605	21,188,570	25,125,340	39,191,816
(18,104,070)	(22,363,428)	(23,126,468)	(18,465,447)	(24,748,096)	(14,284,739)
34,972	58,208	1,336,058	1,691,124	(3,095,908)	(443,130)
(18,069,098)	(22,305,220)	(21,790,410)	(16,774,323)	(27,844,004)	(14,727,869)

(Continued)

City of San Fernando
Changes in Net Position
Last Ten Fiscal Years - (Continued)
(accrual basis of accounting)

	Fiscal Year			
	2014	2015	2016	2017
General revenues and other changes in net position:				
Governmental activities:				
Taxes:				
Property	\$ 8,406,309	\$ 7,871,457	\$ 8,739,138	\$ 8,867,169
Sales and use	4,175,825	5,313,426	6,437,739	7,911,392
Property taxes in lieu of sales and use taxes	963,741	1,022,777	962,590	-
Business license taxes	1,043,365	1,114,416	1,184,994	1,483,606
Franchise	409,176	613,793	636,652	636,457
Other taxes	374,933	315,247	334,419	350,636
Investment income	16,790	50,748	72,181	102,733
Gain on sale of property	-	1,033,066	-	-
Other	573,853	43,010	107,561	48,101
Transfers	4,265,286	187,688	181,000	180,000
Extraordinary gain	-	-	-	-
Total governmental activities	<u>20,229,278</u>	<u>17,565,628</u>	<u>18,656,274</u>	<u>19,580,094</u>
Business-type activities:				
Investment income	10,458	17,287	64,545	30,788
Transfers	(719,708)	(187,688)	(181,000)	(180,000)
Total business-type activities	<u>(709,250)</u>	<u>(170,401)</u>	<u>(116,455)</u>	<u>(149,212)</u>
Total primary government	<u>19,520,028</u>	<u>17,395,227</u>	<u>18,539,819</u>	<u>19,430,882</u>
Changes in net position:				
Governmental activities	4,868,920	(189,252)	(493,583)	(655,413)
Business-type activities	579,827	1,368,274	(803,693)	69,198
Total primary government	<u>\$ 5,448,747</u>	<u>\$ 1,179,022</u>	<u>\$ (1,297,276)</u>	<u>\$ (586,215)</u>

Source: City Finance Department

Fiscal Year					
2018	2019	2020	2021	2022	2023
\$ 8,970,624	\$ 9,741,048	\$ 9,730,128	\$ 10,725,774	\$ 10,196,178	\$ 12,655,839
7,984,731	8,207,979	8,773,312	10,186,845	11,912,920	12,036,191
-	-	-	-	-	-
1,629,779	1,601,969	1,658,301	1,554,102	1,669,084	1,814,949
663,381	693,474	710,629	741,355	775,995	933,936
371,835	396,279	367,170	341,780	453,278	356,816
122,016	564,893	591,883	7,759	(167,636)	(121,784)
-	-	-	-	-	-
192,512	87,220	323,826	239,242	187,967	264,899
162,407	180,000	180,000	180,000	161,023	220,008
-	-	-	-	-	-
20,097,285	21,472,862	22,335,249	23,976,857	25,188,809	28,160,854
39,486	341,556	350,106	7,657	(425,637)	109,415
(162,407)	(180,000)	(180,000)	(180,000)	(161,023)	(220,008)
(122,921)	161,556	170,106	(172,343)	(586,660)	(110,593)
19,974,364	21,634,418	22,505,355	23,804,514	24,602,149	28,050,261
1,993,215	(890,566)	(791,219)	5,511,410	440,713	13,876,115
(87,949)	219,764	1,506,164	1,518,781	(3,682,568)	(553,723)
\$ 1,905,266	\$ (670,802)	\$ 714,945	\$ 7,030,191	\$ (3,241,855)	\$ 13,322,392

City of San Fernando
Fund Balances of Governmental Funds
Last Ten Fiscal Years
(modified accrual basis of accounting)

	Fiscal Year			
	2014	2015	2016	2017
General fund:				
Nonspendable	\$ 739,783	\$ 371,547	\$ 329,717	\$ 66,703
Unassigned	(6,433,688)	(4,485,592)	(3,409,964)	(1,541,792)
Total general fund	<u>\$ (5,693,905)</u>	<u>\$ (4,114,045)</u>	<u>\$ (3,080,247)</u>	<u>\$ (1,475,089)</u>
All other governmental funds:				
Nonspendable	\$ 118,720	\$ -	\$ -	\$ 1,000
Restricted	11,840,461	12,970,716	16,579,665	17,727,008
Unassigned	(238,284)	(86,502)	(423,525)	(480,384)
Total all other governmental funds	<u>\$ 11,720,897</u>	<u>\$ 12,884,214</u>	<u>\$ 16,156,140</u>	<u>\$ 17,247,624</u>

Source: City Finance Department

Fiscal Year					
2018	2019	2020	2021	2022	2023
\$ 66,308	\$ 1,140	\$ 1,600	\$ 234,225	\$ 7,384	\$ 33,955
(274,561)	1,820,023	3,624,944	7,525,244	10,223,657	10,248,922
<u>\$ (208,253)</u>	<u>\$ 1,821,163</u>	<u>\$ 3,626,544</u>	<u>\$ 7,759,469</u>	<u>\$ 10,231,041</u>	<u>\$ 10,282,877</u>
\$ 1,896	\$ -	\$ -	\$ -	\$ -	\$ 895
18,388,470	20,565,668	21,199,073	24,249,648	29,075,891	23,944,021
(759,477)	(168,996)	(564,543)	(100,585)	(318,386)	(9,454,486)
<u>\$ 17,630,889</u>	<u>\$ 20,396,672</u>	<u>\$ 20,634,530</u>	<u>\$ 24,149,063</u>	<u>\$ 28,757,505</u>	<u>\$ 14,490,430</u>

City of San Fernando
Changes in Fund Balances of Governmental Funds
Last Ten Fiscal Years
(modified accrual basis of accounting)

	Fiscal Year			
	2014	2015	2016	2017
Revenues:				
Taxes	\$ 14,372,140	\$ 15,890,424	\$ 18,243,024	\$ 18,814,442
Licenses and permits	410,512	437,765	335,010	243,960
Charges for services	2,919,857	2,403,038	2,115,806	1,282,281
Fines and forfeitures	589,571	576,778	643,927	576,710
Investment earnings	232,404	231,535	240,049	268,368
Intergovernmental	4,615,312	4,636,669	3,641,035	4,543,228
Other	1,013,376	402,521	423,599	383,686
Total revenues	<u>24,153,172</u>	<u>24,578,730</u>	<u>25,642,450</u>	<u>26,112,675</u>
Expenditures				
Current:				
General government	2,398,576	2,902,267	5,915,423	4,575,208
Public safety	9,811,572	10,473,341	10,988,468	10,976,722
Community development	775,446	779,446	1,021,757	1,093,430
Public works	4,248,932	4,675,026	3,284,258	2,890,550
Parks and recreation	1,693,085	1,649,985	1,774,799	1,730,136
Capital outlay	464,855	239,126	1,291,817	2,017,716
Debt service:				
Principal	384,000	1,572,692	-	65,000
Interest and fiscal charges	58,565	170,118	27,559	147,271
Total expenditures	<u>19,835,031</u>	<u>22,462,001</u>	<u>24,304,081</u>	<u>23,496,033</u>
Excess (deficiency) of revenues over (under) expenditures	<u>4,318,141</u>	<u>2,116,729</u>	<u>1,338,369</u>	<u>2,616,642</u>
Other financing sources (uses):				
Transfers in	11,677,345	1,520,854	628,658	424,262
Transfers out	(7,412,059)	(1,927,472)	(577,658)	(344,262)
Issuance of debt	-	-	2,785,000	-
Discount	-	-	131,355	-
Sale of property	-	1,033,066	-	-
Total other financing sources (uses)	<u>4,265,286</u>	<u>626,448</u>	<u>2,967,355</u>	<u>80,000</u>
Net change in fund balances	<u>\$ 8,583,427</u>	<u>\$ 2,743,177</u>	<u>\$ 4,305,724</u>	<u>\$ 2,696,642</u>
Debt service as a percentage of noncapital expenditures	2.1%	9.0%	0.1%	0.9%

Source: City Finance Department

Fiscal Year					
2018	2019	2020	2021	2022	2023
\$ 19,667,257	\$ 18,814,442	\$ 20,275,158	\$ 23,389,661	\$ 25,511,611	\$ 28,085,804
279,620	243,960	427,751	326,352	307,168	477,454
1,238,793	1,282,281	1,091,558	804,704	1,704,485	1,065,063
436,941	576,710	601,491	507,441	436,977	423,285
312,908	268,368	1,156,718	652,506	(1,003,052)	621,498
5,511,368	4,543,228	4,778,327	9,724,347	13,828,362	18,461,268
526,313	383,686	553,673	492,219	186,920	265,104
<u>27,973,200</u>	<u>26,112,675</u>	<u>28,884,676</u>	<u>35,897,230</u>	<u>40,972,471</u>	<u>49,399,476</u>
5,085,790	4,575,208	5,754,393	6,088,117	38,525,520	5,184,899
11,746,344	10,976,722	12,861,226	12,462,556	13,761,519	15,250,518
1,056,819	1,093,430	1,269,661	1,395,892	1,152,739	1,503,550
2,849,581	2,890,550	2,847,769	2,870,545	3,140,952	4,210,011
1,604,650	1,730,136	1,854,561	1,552,613	2,198,823	3,381,727
3,755,234	2,017,716	1,963,289	4,444,583	4,379,872	23,132,102
80,000	65,000	85,000	604,174	1,819,761	1,624,254
134,681	147,271	92,038	89,481	427,290	832,933
<u>26,313,099</u>	<u>23,496,033</u>	<u>26,727,937</u>	<u>29,507,961</u>	<u>65,406,476</u>	<u>55,119,994</u>
<u>1,660,101</u>	<u>2,616,642</u>	<u>2,156,739</u>	<u>6,389,269</u>	<u>(24,434,005)</u>	<u>(5,720,518)</u>
469,234	424,262	583,805	470,000	2,859,602	3,573,194
(479,234)	(344,262)	(697,305)	(350,000)	(3,125,583)	(3,508,194)
-	-	-	1,498,189	31,780,000	-
-	-	-	-	-	-
-	-	-	-	-	-
<u>(10,000)</u>	<u>80,000</u>	<u>(113,500)</u>	<u>1,618,189</u>	<u>31,514,019</u>	<u>65,000</u>
<u>\$ 1,650,101</u>	<u>\$ 2,696,642</u>	<u>\$ 2,043,239</u>	<u>\$ 8,007,458</u>	<u>\$ 7,080,014</u>	<u>\$ (5,655,518)</u>
1.0%	0.9%	0.8%	2.8%	3.8%	8.3%

**City of San Fernando
Assessed Value of Taxable Property
Last Ten Fiscal Years**

Fiscal Year Ended June 30	Residential	Commercial	Industrial	Other	Unsecured	Unknown	Taxable Assessed Value	Direct Tax Rate
2014	\$ 867,056,835	\$ 274,616,719	\$ 261,395,589	\$ 32,346,933	\$ 124,425,059	\$ -	\$1,559,841,135	0.39186%
2015	923,896,596	279,949,485	263,990,591	41,954,560	122,621,128	-	1,632,412,360	0.38353%
2016	957,625,272	298,635,774	274,576,052	40,631,968	114,207,014	-	1,685,676,080	0.38306%
2017	1,023,912,662	320,409,250	283,710,434	50,016,536	113,200,408	-	1,791,249,290	0.36884%
2018	1,070,024,605	328,575,573	296,848,115	46,781,682	112,403,426	-	1,854,633,401	0.36854%
2019	1,134,933,214	341,339,174	306,565,163	43,828,882	115,627,875		1,942,294,308	0.36433%
2020	1,195,481,281	363,074,783	317,648,622	57,747,212	111,592,898		2,045,544,796	0.34975%
2021	1,253,423,537	380,580,840	361,668,495	62,315,377	118,512,081		2,176,500,330	0.34140%
2022	1,302,779,137	399,672,614	370,612,016	66,056,507	114,603,029		2,253,723,303	0.30870%
2023	1,382,246,065	420,482,447	403,488,602	70,144,463	118,828,851		2,395,190,428	0.34683%

Notes:

Exempt values are not included in Total.

In 1978 the voters of the State of California passed Proposition 13 which limited taxes to a total maximum rate of 1%, based upon the assessed value of the property being taxed. Each year, the assessed value of the property may be increased by an "inflation factor" (limited to a maximum of 2%). With few exceptions, property is only reassessed as a result of new construction activity or at the time it is sold to a new owner. At that point, the property is reassessed based upon the added value of the construction or at the purchase price (market value) or economic value of the property sold. The assessed valuation data shown above represents the only data currently available with respect to the actual market value of taxable property and is subject to the limitations described above.

City of San Fernando
Direct and Overlapping Property Tax Rates
(Rate Per \$100 of Taxable Value)
Last Ten Fiscal Years

Agency	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Basic Levy ¹	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
LA Community College District	0.04454	0.04017	0.03575	0.03596	0.04599	0.04621	0.02717	0.04016	0.04376	0.02488
LA Unified School District	0.14644	0.14688	0.12971	0.13110	0.12219	0.12323	0.12552	0.13993	0.11323	0.12107
Metropolitan Water District	0.00350	0.00350	0.00350	0.00350	0.00350	0.00350	0.00350	0.00350	0.00350	0.00350
Tax District No. 1	0.25654	0.24832	0.24763	0.23247	0.23238	0.22734	0.21213	0.20357	0.16997	0.19033
Direct and Overlapping Tax Rates ²	1.45102	1.43887	1.41659	1.40303	1.40406	1.40028	1.36832	1.38716	1.33046	1.33978
City Share of 1% Levy Per Prop 13 ³	0.14560	0.14560	0.14560	0.14560	0.14560	0.14560	0.14560	0.14560	0.14560	0.14560
Voter Approved City Debt Rate	0.25654	0.24832	0.24763	0.23247	0.23238	0.22734	0.21213	0.20357	0.16997	0.19033
Redevelopment Rate ⁴	-	-	-	-	-	-	-	-	-	-
Total Direct Rate ⁵	0.39186	0.38353	0.38306	0.36884	0.36854	0.36433	0.34975	0.34140	0.30870	0.34683

Notes:

¹ In 1978, California voters passed Proposition 13 which set the property tax rate at a 1.00% fixed amount. This 1.00% is shared by all taxing agencies for which the subject property resides within. In addition to the 1.00% fixed amount, property owners are charged taxes as a percentage of assessed property values for the payment of any voter approved bonds.

² Overlapping rates are those of local and county governments that apply to property owners within the City. Not all overlapping rates apply to all city property owners.

³ *City's Share of 1% Levy* is based on the City's share of the general fund tax rate area with the largest net taxable value within the City. ERAF general fund tax shifts may not be included in tax ratio figures.

⁴ Redevelopment Rate is based on the largest RDA tax rate area and only includes rate(s) from indebtedness adopted prior to 1989 per California State statute. RDA direct and overlapping rates are applied only to the incremental property values. The approval of ABX1 26 eliminated Redevelopment from the State of California for the Fiscal year 2012/13 and years thereafter.

⁵ Total Direct Rate is the weighted average of all individual direct rates applied by the City/Agency preparing the statistical section information and excludes revenues derived from aircraft. Beginning in 2013/14 the Total Direct Rate no longer includes revenue generated from the former redevelopment tax rate areas. Challenges to recognized enforceable obligations are assumed to have been resolved during 2012/13. For the purposes of this report, residual revenue is assumed to be distributed to the City/Agency in same proportions as general fund revenue.

City of San Fernando
Principal Property Tax Payers
Top Ten Property Owners Based On Net Values
Current and Ten Years Ago

2022/23			2013/14		
Taxpayer	Net Assessed Value	Percent of City's Total Net Assessed Value	Taxpayer	Net Assessed Value	Percent of City's Total Net Assessed Value
Pharmavite LLC	\$ 35,468,926	1.48%	CPF San Fernando LLC	\$ 72,156,724	4.63%
Rexford Industrial 1145 Arroyo LLC	31,390,082	1.31%	Pharmavite LLC	57,684,760	3.70%
Rexford Industrial 1150 Aviation LLC	31,213,693	1.30%	SFVS Company LLC	20,861,942	1.34%
Rexford Industrial 1245 Aviation LLC	27,388,981	1.14%	Foothill HD Retail Center LLC	19,602,028	1.26%
315 Partners LLC Lessor	25,709,241	1.07%	Ahi Glenoaks Inc.	15,933,378	1.02%
GC San Fernando LLC	25,008,685	1.04%	San Fernando Gateway LLC	14,762,425	0.95%
Foothill HD Retail Center LLC	22,746,245	0.95%	315 Partners LLC	14,086,011	0.90%
Rexford Industrial 1175 Aviation LLC	18,757,017	0.78%	San Fernando Associates	10,471,745	0.67%
Ahi Glenoaks Inc	18,489,131	0.77%	San Fernando Community Housing L	8,999,228	0.58%
San Fernando Gateway LLC	17,130,350	0.72%	San Fernando Valley Automotive LL	8,848,522	0.57%
Total Top Ten	<u>\$ 253,302,351</u>	<u>10.58%</u>	Total Top Ten	<u>\$ 243,406,763</u>	<u>15.60%</u>
Total Property Taxes	<u>\$ 2,395,190,428</u>		Total Property Taxes	<u>\$ 1,559,841,135</u>	

Data Source: Los Angeles County Assessor 2013/14 and 2022/23 Combined Tax Rolls and the SBE Non Unitary Tax Roll provided by HdL, Coren and Cone.

City of San Fernando
Property Tax Levies and Collections
Last Ten Fiscal Years

Fiscal Year Ended June 30	Taxes Levied for the Fiscal Year	*Collected within the Fiscal Year of Levy		*Collections in Subsequent Years	Total Collections to Date	
		Amount	Percent of Levy		Amount	Percent of Levy
2013	5,612,092	4,501,185	80.21%	(89,102)	4,412,083	78.62%
2014	4,146,929	5,685,040	137.09%	(125,983)	5,559,057	134.05%
2015	4,093,768	5,794,276	141.54%	(1,188)	5,793,088	141.51%
2016	5,660,595	6,559,722	115.88%	(2,899)	6,556,823	115.83%
2017	5,991,659	6,616,033	110.42%	(4,283)	6,611,750	110.35%
2018	5,953,422	6,241,044	104.83%	(20,237)	6,220,807	104.49%
2019	6,232,013	6,785,560	108.88%	(5,328)	6,780,232	108.80%
2020	6,467,481	6,606,745	102.15%	(14,509)	6,592,236	101.93%
2021	6,527,995	7,063,096	108.20%	(7,427)	7,055,669	108.08%
2022	5,853,804	6,471,752	110.56%	(9,270)	6,462,482	110.40%
2023	8,307,310	9,431,853	113.54%	(73,932)	9,357,921	112.65%

Notes:

The collections presented include City property taxes, supplemental assessments, and Redevelopment Agency tax increment (through FY 2012), as well as amounts collected by the City and Redevelopment Agency that were passed through to other agencies.

*Supplemental assessments include voter-approved indebtedness for City employees' retirement, a lighting district, penalties and interest, which are not included in the Taxes levied. The collection of these supplemental assessments often cause the percent of levy to exceed 100%.

*Beginning in FY 2013, former Redevelopment Agency property tax increment is not included.

**City of San Fernando
Top 25 Sales Tax Producers**

For Fiscal Year 2022-23

<u>Business Name</u>	<u>Business Category</u>
Arco	Service Stations
Arroyo Building Materials	Building Materials
Casco	Contractors
CCAP Auto Lease	Auto Lease
Chipotle	Fast Casual Restaurants
CVS Pharmacy	Drug Stores
El Pollo Loco	Quick Service Restaurants
El Super	Grocery Stores
Enterprise Rent A Car	Transportation/Rentals
Ganas Auto	Used Automotive Dealers
Goodman Distribution	Contractors
Home Depot	Building Materials
IHOP	Casual Dining
MacLay Shell & Circle K	Service Stations
McDonalds	Quick Service Restaurants
Nachos Ornamental Supply	Contractors
Pool & Electrical Products	Plumbing/Electrical Supplies
Rydel Chrysler Dodge Jeep Ram	New Motor Vehicle Dealers
Smart & Final	Grocery Stores
T Mobile	Electronics/Appliance Stores
Taco Bell	Quick Service Restaurants
TMB Prodction Supplies & Services	Electrical Equipment
Truman Fuel	Service Stations
Vallarta Supermarket	Grocery Stores
WSS	Shoe Stores

Percent of Fiscal Year Total Paid By Top 25 Accounts = 66.93%

* Firms Listed Alphabetically

Period: July 2022 Thru June 2023

Data Source: State Board of Equalization, California Department of Taxes and Fees Administration, State Controller's Office, The HdL Companies

**City of San Fernando
Top 25 Sales Tax Producers**

For Fiscal Year 2013-14

<u>Business Name</u>	<u>Business Category</u>
Acey Decy Lighting	Repair Shop/Equip. Rentals
Arco	Service Stations
Arroyo Building Materials	Building Materials
Casco	Contractors
El Pollo Loco	Quick Service Restaurants
El Super	Grocery Stores
Food 4 Less	Grocery Stores
Global HVAC Distributors	Plumbing/Electrical Supplies
Goodman Distribution	Contractors
Home Depot	Building Materials
Honda Lease Trust	Auto Lease
IHOP	Casual Dining
Jack in the Box	Quick Service Restaurants
McDonalds	Quick Service Restaurants
Nachos Ornamental Supply	Contractors
Pep Boys	Automotive Supply Stores
Pool & Electrical Products	Plumbing/Electrical Supplies
Rydell Chrysler Dodge Jeep Ram	New Motor Vehicle Dealers
Sams Club	Discount Department Stores
Southland Lighting	Plumbing/Electrical Supplies
T Mobile	Electronics/Appliance Stores
TMB Production Supplies & Services	Electrical Equipment
Truman 76	Service Stations
Vallarta Supermarket	Grocery Stores
WSS	Shoe Stores

Percent of Fiscal Year Total Paid By Top 25 Accounts = 70.98%

* Firms Listed Alphabetically

Period: July 2013 Thru June 2014

Data Source: State Board of Equalization, California Department of Taxes and Fees Administration, State Controller's Office, The HdL Companies

City of San Fernando
Taxable Sales by Category
Last Ten Calendar Years
(in thousands of dollars)
Adjusted for Economic Data

	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
Apparel Stores	\$ 9,453	\$ 9,430	\$ 10,410	\$ 11,449	\$ 11,799
Food Stores	15,747	13,755	14,084	15,033	15,638
Eating and Drinking Places	52,942	54,660	61,175	66,313	72,031
Building Materials	86,283	90,292	96,112	102,799	114,471
Auto Dealers and Supplies	47,098	83,207	89,543	105,405	102,604
Service Stations	17,864	16,736	15,301	13,545	12,927
Other Retail Stores	55,934	57,238	63,804	64,745	64,723
All Other Outlets	87,492	94,765	111,902	123,989	126,499
	<hr/>				
Total	\$ 372,813	\$ 420,083	\$ 462,331	\$ 503,278	\$ 520,692
	<hr/>				

Notes:

Due to confidentiality issues, the names of the ten largest revenue payers are not available. The categories presented are intended to provide alternative information regarding the sources of the City's revenue.

City of San Fernando
Taxable Sales by Category
Last Ten Calendar Years
(in thousands of dollars)
Adjusted for Economic Data

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>
Apparel Stores	\$ 12,361	\$ 12,393	\$ 11,244	\$ 15,098	\$ 15,743
Food Stores	16,028	16,168	16,725	16,881	17,652
Eating and Drinking Places	75,973	79,178	73,790	86,124	91,012
Building Materials	121,603	124,136	128,863	143,209	145,483
Auto Dealers and Supplies	109,902	127,894	139,414	167,705	161,623
Service Stations	14,988	14,421	9,974	19,911	25,544
Other Retail Stores	39,534	34,860	36,976	42,380	42,174
All Other Outlets	144,155	154,162	193,892	198,055	213,428
	<hr/>				
Total	\$ 534,544	\$ 563,212	\$ 610,878	\$ 689,363	\$ 712,659
	<hr/>				

Data Source: State Board of Equalization, CA Dept. of Taxes and Fees Administration, State Controller's Office and The HDL Companies

**City of San Fernando
Water Customers
Current Year and Ten Years Ago**

Water Customer	2023		Water Customer	2014	
	Water Charges	Percent of Total Water Revenues		Water Charges	Percent of Total Water Revenues
Pharmavite Corporation	\$ 70,148	1.42%	Pharmavite Corporation	\$ 42,748	1.25%
Pharmavite Corporation	32,656	0.66%	Pharmavite Corporaton	26,525	0.78%
Soo Bin IM	31,726	0.64%	Mission Park Apartment	20,491	0.60%
LA Board of Education	26,094	0.53%	MRCA	17,757	0.52%
LA Board of Education	25,929	0.53%	Bitman, Boris Bruce	16,961	0.50%
MSN Holdings	25,687	0.52%	LA Board of Education	16,582	0.49%
San Fernando City	20,436	0.41%	Martin & Denise Rile	16,581	0.49%
County of Los Angeles	20,190	0.41%	Wang, Pearl	13,078	0.38%
Puretek Corp.	19,619	0.40%	Fresenius Medical CA	12,365	0.36%
LA Board of Education	<u>19,028</u>	<u>0.39%</u>	Puretek Corp.	<u>12,300</u>	<u>0.36%</u>
Total Top Ten	\$ 291,514	5.92%	Total Top Ten	\$ 195,389	5.72%
Total Water Revenue	<u>\$ 4,924,562</u>		Total Water Revenue	<u>\$ 3,418,324</u>	

Data Source: City of San Fernando Finance Department Eden UB System (Water only).

City of San Fernando
Ratios of Outstanding Debt by Type
Last Ten Fiscal Years

Fiscal Year Ended June 30	Governmental Activites	Business-Type Activites		Total	Percentage of Personal Income	Per Capita
	Certificates of Participation	Loans	2020 Installment Sale Agreement			
2014	-	1,572,692	-	1,572,692	0.37%	65
2015	-	-	-	-	0.00%	-
2016	2,916,355	-	-	2,916,355	0.66%	117
2017	2,845,644	-	-	2,845,644	0.63%	115
2018	2,759,933	-	-	2,759,933	0.61%	112
2019	2,669,222	-	-	2,669,222	0.58%	109
2020	2,578,511	-	1,350,000	3,928,511	0.80%	162
2021	2,482,800	1,313,554	1,225,000	5,021,354	0.95%	210
2022	2,382,089	666,443	1,100,000	4,148,532	0.69%	175
2023	2,281,378	666,443	970,000	3,917,821	0.66%	165

Notes:

Details regarding the City's outstanding debt can be found in the notes to the financial statements. Personal income and Population numbers from <https://www.census.gov/quickfacts/fact/table/sanfernandocitycalifornia,US/PST045221> visited 12/13/2022.

Date Source: City of San Fernando Finance Department.

City of San Fernando Direct and Overlapping Debt

2022-23 Assessed Valuation: \$2,176,500,330

	Total Debt 6/30/2023	% Applicable (1)	City's Share of Debt 6/30/23
<u>OVERLAPPING TAX AND ASSESSMENT DEBT :</u>			
Metropolitan Water District	\$19,215,000	0.066%	\$12,682
Los Angeles Community College District	4,500,730,000	0.223	10,036,628
Los Angeles Unified School District	10,704,725,000	0.273	29,223,899
TOTAL GROSS OVERLAPPING TAX AND ASSESSMENT DEBT			39,273,209
Less: Los Angeles Unified School District economically defeased general obligation bonds			<u>614,959</u>
TOTAL OVERLAPPING TAX AND ASSESSMENT DEBT			\$38,658,250
 <u>DIRECT AND OVERLAPPING GENERAL FUND DEBT :</u>			
Los Angeles County General Fund Obligations	\$2,601,551,282	0.126%	\$3,277,955
Los Angeles County Superintendent of Schools Certificates of Participation	3,403,487	0.126	4,288
Los Angeles Unified School District General Fund Obligations	97,870,000	0.273	267,185
City of San Fernando General Fund Obligations	33,920,000	100	<u>33,920,000</u>
TOTAL DIRECT AND OVERLAPPING GENERAL FUND DEBT			\$37,469,428
 TOTAL DIRECT DEBT			\$33,920,000
TOTAL GROSS OVERLAPPING DEBT			\$42,822,637
TOTAL NET OVERLAPPING DEBT			\$42,207,678
 GROSS COMBINED TOTAL DEBT			\$76,742,637 (2)
NET COMBINED TOTAL DEBT			\$76,127,678

(1) The percentage of overlapping debt applicable to the city is estimated using taxable assessed property value. Applicable percentages were estimated by determining the portion of the overlapping district's assessed value that is within the boundaries of the city divided by the district's total taxable assessed value.

(2) Excludes tax and revenue anticipation notes, enterprise revenue, mortgage revenue, sales tax revenue and non-bonded capital lease obligations.

Ratios to 2022-23 Assessed Valuation:

Direct Debt (\$33,920,000)	1.56%
Total Gross Overlapping Tax and Assessment Debt	1.80%
Total Net Overlapping Tax and Assessment Debt	1.78%
Gross Combined Total Debt	3.53%
Net Combined Total Debt	3.50%

THIS PAGE INTENTIONALLY LEFT BLANK

**City of San Fernando
Legal Debt Margin Information
Last Ten Fiscal Years**

Fiscal Year	2014	2015	2016	2017	2018
Assessed Valuation	1,559,841,135	1,632,412,360	1,685,676,080	1,791,249,290	1,854,633,401
Conversion Percentage	<u>25%</u>	<u>25%</u>	<u>25%</u>	<u>25%</u>	<u>25%</u>
Adjusted Assessed Valuation	389,960,284	408,103,090	421,419,020	447,812,323	463,658,350
Debt Limit Percentage	<u>15%</u>	<u>15%</u>	<u>15%</u>	<u>15%</u>	<u>15%</u>
Debt Limit	58,494,043	61,215,464	63,212,853	67,171,848	69,548,753
Total Net Debt Applicable To Limit: General obligation bonds	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Legal debt margin	<u>58,494,043</u>	<u>61,215,464</u>	<u>63,212,853</u>	<u>67,171,848</u>	<u>69,548,753</u>
Total debt applicable to the limit as a percentage of debt limit	0.0%	0.0%	0.0%	0.0%	0.0%

The Government Code of the State of California provides for a legal debt limit of 15% of gross assessed valuation. However, this provision was enacted when assessed valuation was based upon 25% of market value. Effective with the 1981-82 fiscal year, each parcel is now assessed at 100% of market value (as of the most recent change in ownership for that parcel). The computations shown above reflect a conversion of assessed valuation data for each fiscal year from the current full valuation perspective to the 25% level that was in effect at the time that the legal debt margin was enacted by the State of California for local governments located within the state.

City of San Fernando
Legal Debt Margin Information
Last Ten Fiscal Years

Fiscal Year	2019	2020	2021	2022	2023
Assessed Valuation	1,942,294,308	2,045,544,796	2,176,500,330	2,253,723,303	2,395,190,428
Conversion Percentage	<u>25%</u>	<u>25%</u>	<u>25%</u>	<u>25%</u>	<u>25%</u>
Adjusted Assessed Valuation	485,573,577	511,386,199	544,125,083	563,430,825.75	598,797,607.00
Debt Limit Percentage	<u>15%</u>	<u>15%</u>	<u>15%</u>	<u>15%</u>	<u>15%</u>
Debt Limit	72,836,037	76,707,930	81,618,762	84,514,624	89,819,641
Total Net Debt Applicable To Limit: General obligation bonds	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Legal debt margin	<u>72,836,037</u>	<u>76,707,930</u>	<u>81,618,762</u>	<u>84,514,624</u>	<u>89,819,641</u>
Total debt applicable to the limit as a percentage of debt limit	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: Los Angeles County Assessor 0 - 2022/23 Combined Tax Rolls, provided by HdL, Coren and Cone and City Finance Department

City of San Fernando
Demographic and Economic Statistics
Last Ten Calendar Years

<u>Calendar Year</u>	<u>Population ¹</u>	<u>Calif. Metropolitan Personal Income (in thousands)¹</u>	<u>Calif. Metropolitan Per Capita Personal Income¹</u>	<u>Unemployment Rate²</u>
2014	24,220	419,684,000	17,328	8.7%
2015	24,587	433,248,000	17,621	7.4%
2016	24,931	442,924,000	17,766	5.6%
2017	24,717	454,373,000	18,383	4.9%
2018	24,714	454,317,000	18,383	4.3%
2019	24,510	463,705,000	18,919	4.2%
2020	24,322	490,404,000	20,163	3.9%
2021	23,946	528,847,000	22,085	12.3%
2022	23,726	598,868,000	25,241	7.0%
2023	23,685	597,833,000	25,241	4.0%

Data Sources: ¹ US Census Bureau

² US Bureau Of Labor Statistics (data shown is for the metropolitan area of L.A.-Long Beach-Anaheim).

City of San Fernando
Miscellaneous and Demographic Statics

Date Incorporated August 31, 1911

Form of Government Council-City Manager

Land Area 2.42 square miles

Land Use (Estimated % of City)	Residential	43.2%
	Commercial	10.2%
	Industrial	9.7%
	Public/Institutional	7.4%
	Open space/Recreational	1.7%
	Highway and streets, rights-of-way	26.3%
	Undeveloped land	1.6%
		<u>100.0%</u>

Building Permits	<u>Calendar Year</u>	<u># Permits</u>	<u>Valuation</u>
	1993	307	3,390,293
	1994	383	14,150,921
	1995	650	4,802,623
	1996	354	5,321,998
	1997	379	6,229,912
	1998	241	5,314,484
	1999	277	6,879,355
	2000	481	8,530,618
	2001	499	11,829,627
	2002	527	5,852,529
	2003	985	9,610,033
	2004	551	10,249,858
	2005	1,390	15,845,473
	2006	1,421	13,860,435
	2007	1,137	9,549,375
	2008	1,035	15,742,359
	2009	858	9,888,598
	2010	797	8,024,919
	2011	760	7,146,062
	2012	810	19,328,819
	2013	714	11,262,235
	2014	904	17,514,200
	2015	880	9,313,800
	2016	1,075	10,771,178
	2017	1,078	11,430,654
	2018	1,337	14,314,565
	2019	1,065	12,722,000
	2020	1,192	14,275,431
	2021	1,125	12,128,000
	2022	1,037	102,225,000

Date Source: City of San Fernando Community Development Department

**City of San Fernando
Principal Employers
Last Fiscal Year and Ten Years Ago**

2022-23			2013-14		
<u>Business Name</u>	Number of Employees	Percent of Total Employment	<u>Business Name</u>	Number of Employees	Percent of Total Employment
Los Angeles Unified School District	2,140	18.45%	Los Angeles Unified School District	1979	18.50%
Pharmavite LLC	366	3.16%	Pepsi Beverages Company	284	2.65%
Pepsi Beverages Company	340	2.93%	The Home Depot*	237	2.21%
The Home Depot*	300	2.59%	Los Angeles County Superior Court*	277	2.59%
Los Angeles County Superior Court *	240	2.07%	Puretek Corporation	170	1.59%
Puretek Corporation	157	1.35%	Vallarta Supermarkets	164	1.53%
Northeast Valley Health Group	152	1.31%	Ricon Corp	145	1.36%
Production Resource Group LLC (PRG)	144	1.24%	Sams Club	175	1.64%
Vallarta Supermarkets	137	1.18%	Valley Crest Landscape Co.	119	1.11%
City of San Fernando	134	1.16%	7 Up RC Bottling	104	0.97%
Total Top Ten Employers	<u>4,110</u>	<u>35.43%</u>	Total Top Ten Employers	<u>3,654</u>	<u>34.15%</u>
Total City Labor Force ⁽¹⁾	<u>11,600</u>		Total City Labor Force	<u>10,700</u>	

Notes:

Results based on direct correspondence with city's local businesses.

* Business has not responded to Avenu's inquires, prior year count applied.

(1) Total City Labor Force provided by EDD Labor Force Data

Disclaimer: The City of San Fernando makes no claims concerning the accuracy of data provided nor assume any liability resulting from the use of information herein.

City of San Fernando
Full-Time Equivalent City Employees
by Function
Last Ten Fiscal Years

<u>Function</u>	<u>Fiscal Year</u>									
	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
General government	14	14	15	15	15	15	15	15	16	18
Community Development	8	8	8	8	8	8	8	8	7	9
Public Safety	48	48	47	48	48	49	49	49	54	55
Public Works	35	34	34	34	34	34	36	35	32	37
Recreation and Community Services	30	32	24	24	24	24	24	24	24	26
<hr/>										
Total	<u>135</u>	<u>136</u>	<u>128</u>	<u>129</u>	<u>129</u>	<u>130</u>	<u>132</u>	<u>132</u>	<u>133</u>	<u>145</u>

City of San Fernando
Operating Indicators by Function
Last Ten Years

Function	Calendar Year				
	2014	2015	2016	2017	2018
Police:					
Arrests	581	612	1007	965	881
Parking Citations Issued	8,654	10,730	9,745	8,691	9,602

City of San Fernando
Operating Indicators by Function
Last Ten Years

Function	Calendar Year			
	2019	2020	2021	2022
Police:				
Arrests	833	903	991	740
Parking Citations Issued	12,471	9,683	9,198	5,803

Data Source: City of San Fernando Police Department

**City of San Fernando
Capital Asset Statistics
by Function
Last Ten Fiscal Years**

Function	Fiscal Year				
	2014	2015	2016	2017	2018
Police:					
Stations	1	1	1	1	1
Fire:					
Fire Stations	0	0	0	0	0
Public Works:					
Streets (miles)	47.20	47.20	47.20	47.20	47.20
Alleyways (miles)	3.20	3.20	3.20	3.20	3.20
Streetlights	1,848	1,848	1,848	1,848	1,848
Traffic Signals Intersections	45	45	45	45	45
Parks and Recreation:					
Parks	8	8	8	8	8
Recreation Centers	2	2	2	2	2
Water:					
Water Mains (miles)	66.88	66.88	66.88	66.88	66.88
Maximum Daily Pumping Capacity	600	600	3,600	3,600	3,600
Wastewater:					
Sanitary Sewers (miles)	42.59	42.59	42.59	42.59	42.59
Storm Sewers (miles)	0.68	0.68	0.68	0.68	0.68

Data Source: City of San Fernando Public Works Department

**City of San Fernando
Capital Asset Statistics
by Function
Last Ten Fiscal Years**

Function	Fiscal Year				
	2019	2020	2021	2022	2023
Police:					
Stations	1	1	1	1	1
Fire:					
Fire Stations	0	0	0	0	0
Public Works:					
Streets (miles)	47.20	47.20	47.20	47.20	47.20
Alleyways (miles)	3.20	3.20	3.20	3.20	3.20
Streetlights	1,848	1,848	1,848	1,848	1,848
Traffic Signals Intersections	45	45	45	45	45
Parks and Recreation:					
Parks	8	8	8	8	8
Recreation Centers	2	2	2	2	2
Water:					
Water Mains (miles)	66.88	66.88	66.88	66.88	66.88
Maximum Daily Pumping Capacity	3,600	3,600	3,600	3,600	3,600
Wastewater:					
Sanitary Sewers (miles)	42.59	42.59	42.59	42.59	42.59
Storm Sewers (miles)	0.68	0.68	0.68	0.68	1.68

Data Source: City of San Fernando Public Works Department