

Initial Study and Mitigated Negative Declaration

City of San Fernando

Regional Park

Infiltration Project



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Regional Park Infiltration Project

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Table of Contents

TABLE OF CONTENTS.....	i
LIST OF FIGURES	ii
LIST OF TABLES.....	ii
ACRONYMS.....	iii
1. INTRODUCTION.....	1
1.1 PURPOSE AND DOCUMENT ORGANIZATION	1
1.2 SUMMARY OF FINDINGS	1
2. PROJECT DESCRIPTION	2
2.1 PROPOSED CONCEPT	2
2.2 PROJECT LOCATION	4
3. INITIAL STUDY/ ENVIRONMENTAL CHECKLIST	5
3.1 AESTHETICS.....	7
3.2 AGRICULTURE AND FORESTRY RESOURCES	9
3.3 AIR QUALITY.....	11
3.4 BIOLOGICAL RESOURCES	14
3.5 CULTURAL RESOURCES	17
3.6 GEOLOGY AND SOILS.....	20
3.7 GREENHOUSE GAS EMISSIONS	24
3.8 HAZARDS AND HAZARDOUS MATERIALS.....	25
3.9 HYDROLOGY AND WATER QUALITY	28
3.10 LAND USE AND PLANNING.....	32
3.11 MINERAL RESOURCES	33
3.12 NOISE	34
3.13 POPULATION AND HOUSING	36
3.14 PUBLIC SERVICES	37
3.15 RECREATION	39
3.16 TRANSPORTATION AND TRAFFIC.....	40
3.17 TRIBAL AND CULTURAL RESOURCES.....	43
3.18 MANDATORY FINDINGS OF SIGNIFICANCE	45
4. REFERENCES	47

List of Figures

Figure 2-1 General Project Concept	3
Figure 2-2 Site Location.....	4

List of Tables

Table 2-1 Summary of Proposed Project.....	3
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Acronyms

CEQA	California Environmental Quality Act
CCR	California Code of Regulations
COLA	City of Los Angeles
EWMP	Enhanced Watershed Management Program
FMMP	Farmland Mapping and Monitoring Program
IS/MND	Initial Study/Mitigated Negative Declaration
LACFCD	Los Angeles County Flood Control District
LABOS's	Los Angeles Bureau of Sanitation's
MS4	Municipal Separate Storm and Sewer System
NAHC	Native American Heritage Commission
PEIR	Program Environmental Impact Report
RCP	Reinforced Concrete pipe
VFD	Variable Frequency Drive
USEPA	United States Environmental Protection Agency

1. Introduction

The California Environmental Quality Act (CEQA) Initial Study/Mitigated Negative Declaration (IS/MND) has been prepared on behalf of the City of San Fernando (City) to identify potential site-specific environmental constraints associated with the Regional Park Infiltration Project (Project) located adjacent to the border of the City of Los Angeles, near the intersection of Park Avenue and First Street. This document has been prepared in accordance with the CEQA (Public Resources Code §21000 et seq.), and the State CEQA Guidelines (Title 14, California Code of Regulations (CCR) §15000 et seq).

This IS/MND is an information documentation intended for use by the City and members of the general public as a preliminary analysis to determine if there is substantial evidence that the Project may have significant effects on the environment. If site-specific environmental constraints are found to potentially have a significant effect on the environment, with mitigation, a site-specific Environmental Impact Report (EIR) should be prepared; otherwise the lead agency may adopt a negative declaration or MND. This IS/MND was compiled for the City with the assistance of CWE. The City is serving as the Lead Agency for the proposed Project pursuant to CEQA §21067 and CEQA Guidelines Article 4 and §15367. "Lead Agency" refers to the public agency that has the principal responsibility for carrying out or approving a Project.

1.1 Purpose and Document Organization

The purpose of this document is to evaluate the potential environmental effects of the proposed Project. Mitigation measures, if required, have been incorporated into the Project to eliminate potential significant impacts or reduce them to a less-than-significant level.

This IS/MND is organized as follows:

- Section 1 – Introduction
- Section 2 – Project Description
- Section 3 – Initial Study/Environmental Checklist
- Section 4 – References

The Los Angeles County Flood Control District (LACFCD) Enhanced Watershed Management Programs (EWMPs), Program Environmental Impact Report (PEIR) was used to tier off, and to evaluate and determine the potential environmental impacts of the proposed Project.

1.2 Summary of Findings

The CEQA Appendix G Environmental (Initial Study) Checklist is included in **Section 3**. The Initial Study Checklist identifies potential environmental impacts, by sections, and provides a brief discussion of each impact resulting from implementation of the proposed Project. The Project is categorized as a Regional Structural (Infiltration) Best Management Practices (BMP) within the PEIR as it is considered a regional infiltration project.

2. Project Description

The City of San Fernando (City) as the lead agency is implementing the Regional Park Infiltration Project (Project), located in the City's Recreation Park adjacent to the border of the City of Los Angeles, near the intersection of Park Avenue and First Street. The Project is being implemented to replenish groundwater sources; address discharges from within the City into Pacoima Wash, and ultimately the Los Angeles River, to meet water quality objectives. Based on the Upper Los Angeles River (ULAR) Reasonable Assurance Analysis (RAA), the Project is expected to capture approximately 24 acre-feet of urban runoff to meet the water quality objectives. The captured runoff will be diverted into an underground storage system beneath the park's baseball field where it will infiltrate. In addition to groundwater recharge, the Project will have multi-use benefits including public outreach and education opportunities, flood control benefits, and pollutant load reduction through volume reduction.

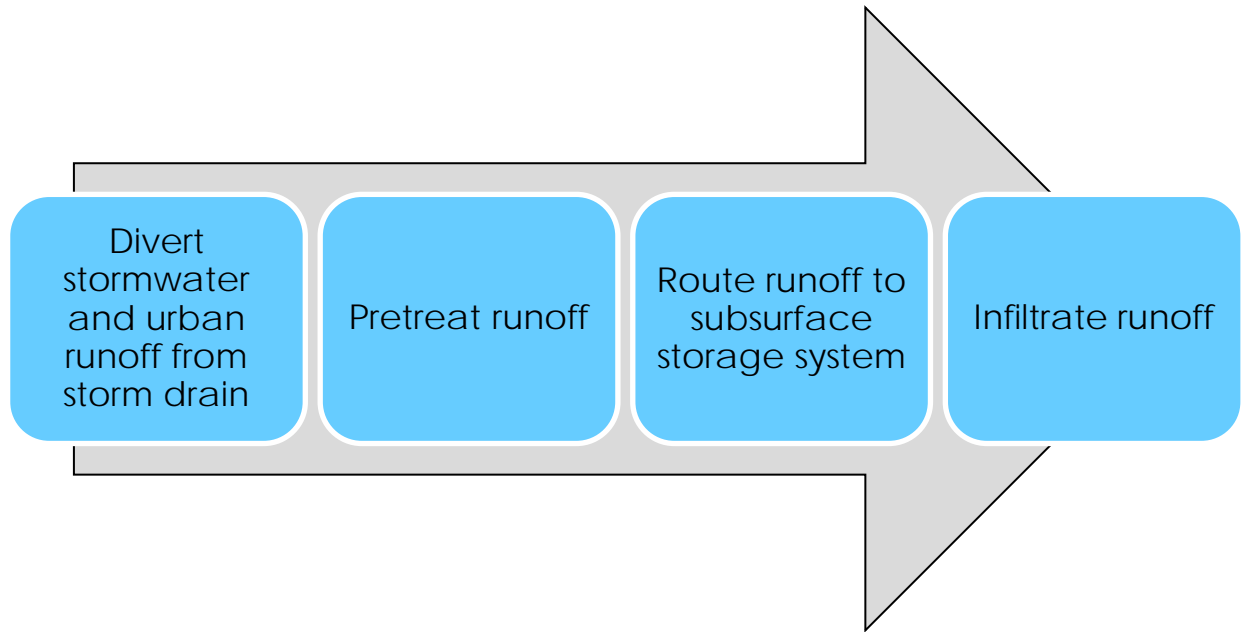
The Project was identified in the ULAR Enhanced Watershed Management Program (EWMP) Plan as a priority regional project and will assist the ULAR group in addressing applicable Total Maximum Daily Loads (TMDLs) and water quality priorities.

The City was awarded a planning grant, under Agreement No. D17126111 by the California State Water Resources Control Board (SWRCB) Proposition 1, for the development of final design plans, specifications, and construction estimates for the future implementation of this Project.

2.1 Proposed Concept

The Project involves routing water from an existing storm drain and infiltrating it in an underground infiltration chamber. The diversion structure will include a modified manhole structure in this location. Flows will be conveyed through a pretreatment that will remove trash and large particulate matter. The inclusion of the pretreatment system will improve the overall longevity of the system and promote a more centralized maintenance routine. Pretreated flows will be conveyed via gravity to the proposed subsurface storage system within the Recreation Park. The storage system will be designed to allow infiltration.

Figure 2-1 illustrates the general Project concept.

**Figure 2-1 General Project Concept****Table 2-1 Summary of Proposed Project**

Component	Design Approach
Diversion	Diversion structures are proposed to capture runoff from Bond Issue (BI) 7001 just downstream of Miscellaneous Transfer Drain (MTD) 947, and from BI-0256. Storm drains will connect the diversion structure to the pretreatment system and will be sized accordingly.
Pretreatment	The pretreatment systems will consist of a hydrodynamic separator. Diverted flows will go through a hydrodynamic separator to remove trash, vegetative debris, and other particulates prior to conveying runoff via gravity to the subsurface storage basins. The hydrodynamic separators will have to be maintained and emptied on a regular basis to ensure it operates properly. The units will be sized based on the calculated peak flow rate of up to 17 cubic feet per second (cfs).
Subsurface Storage System	The storage system will receive diverted flows after passing through the pretreatment system. The storage system will be constructed of precast concrete and assembled at the Project site. Openings at the bottom of the units will allow runoff to infiltrate into the ground. Gravel and a permeable liner will be placed beneath the units to increase infiltration and prevent clogging.

2.2 Project Location

The City is located in the valley in the northwestern region of Los Angeles County. The Project site is a Recreation Park located adjacent to the border of the City of Los Angeles, near the intersection of Park Avenue and First Street. The park is associated with the address 208 Park Avenue, San Fernando, California. **Figure 2-2** shows the location of the proposed Project.

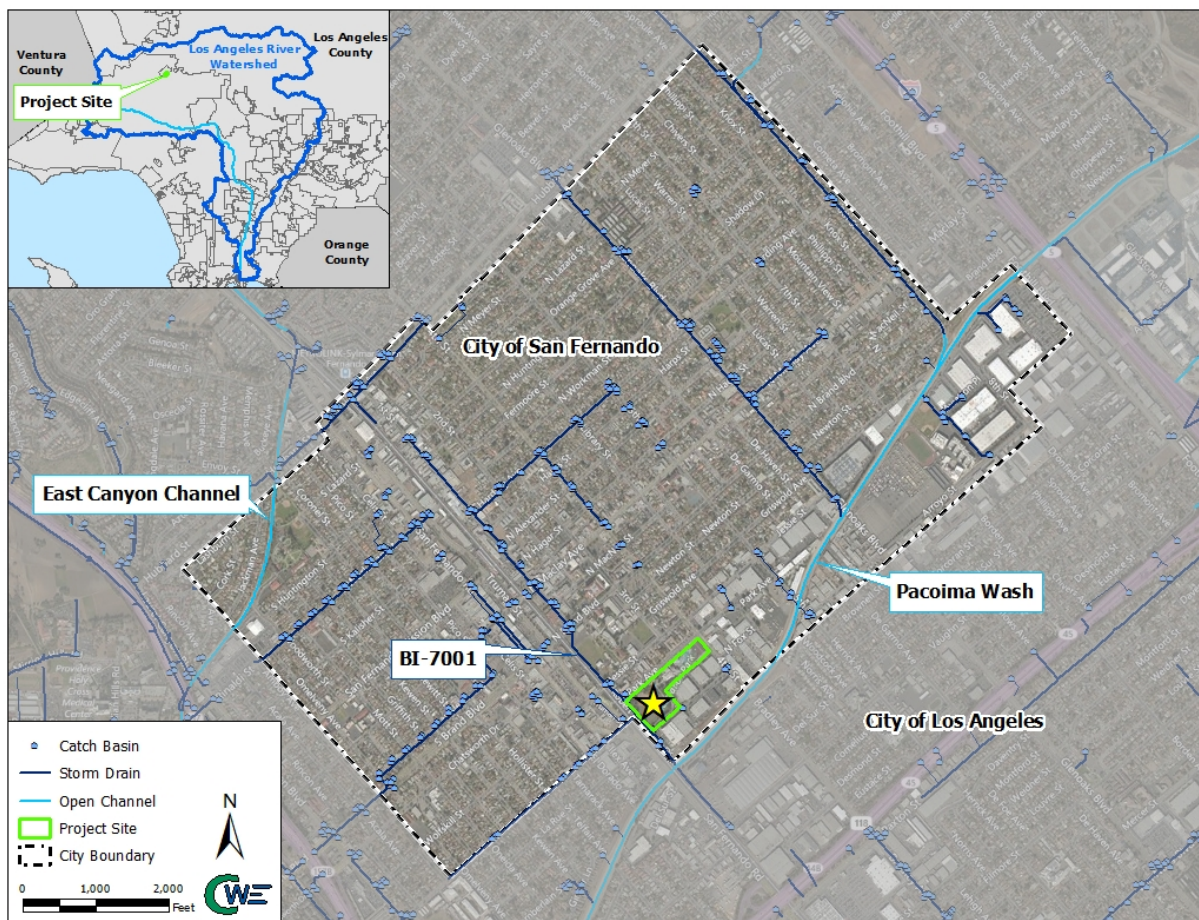


Figure 2-2 Site Location

3. Initial Study/ Environmental Checklist

Environmental Checklist Form		
1.	Project Title:	San Fernando Regional Park Infiltration Project
2.	Lead Agency Name and Address:	City of San Fernando 117 Macneil Street, San Fernando, California 90232
3.	Contact Person and Phone Number:	Yazdan "Yaz" Emrani (818) 898-1222
4.	Project Location:	San Fernando Recreation Park Park Avenue and First Street
5.	Project Sponsor's Name and Address:	City of San Fernando 117 Macneil Street, San Fernando, California 90232
6.	General Plan Designation:	Public Streets and Public/Quasi-Public
7.	Zoning:	R-3 Multiple Family Residential
8.	Description of Project:	The Project will address discharges from within the City into Pacoima Wash, and ultimately the Los Angeles River, and meet water quality objectives. It is expected to capture approximately 24 acre-feet of urban runoff during a 85 th percentile rain event. The captured runoff will be diverted into an underground storage system beneath the park's baseball field where it will infiltrate.
9.	Surrounding land uses and setting:	Single-family residential, multi-family residential and limited industrial
10.	Other public agencies whose approval is required:	Los Angeles County Flood Control District
11.	Have California Native American tribes traditionally and culturally affiliated with the Project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, has consultation begun?^a	Yes, the Native American Heritage Commission (NAHC) was consulted. The LACFCD's PEIR indicates that a review process took place from August 29th to September 29th, 2014. NAHC provided a response letter on September 25, 2014 requesting specific consultation for projects. A project specific consultation with the NAHC was conducted in November 2018. All Tribal Organizations were sent scoping requests for information via certified mail on November 19, 2018 and email follow ups were sent on November 26 and 30, 2018. To date, two responses have been received. In addition to the scoping requests, the City conducted Assembly Bill 52 (AB 52) consultations with the Fernandeno Tataviam Band of Mission Indians who had previously requested consultation for projects. AB52 Consultations between the City and the Fernandeno Tataviam Band of Mission Indians are ongoing and confidential.

^a. Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and Project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21083.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

The environmental factors checked below would be potentially affected by this Project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- | | | |
|---|---|--|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture and Forestry Resources | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology /Soils |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology / Water Quality |
| <input type="checkbox"/> Land Use / Planning | <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Noise |
| <input type="checkbox"/> Population / Housing | <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Transportation/Traffic | <input type="checkbox"/> Tribal Cultural Resources | <input type="checkbox"/> Utilities/Service Systems |
| <input type="checkbox"/> Mandatory Findings of Significance | | |

On the basis of this initial evaluation:

- ☐ I find that the proposed Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☒ I find that although the proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the Project have been made by or agreed to by the Project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ I find that the proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- ☐ I find that the proposed Project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- ☐ I find that although the proposed Project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed Project, nothing further is required.

Signature

Date

3.1 Aesthetics

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?			X	
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) Substantially degrade the existing visual character or quality of the site and its surroundings?				X
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?				X

Discussion:

a. Would the project have a substantial adverse effect on a scenic vista?

Less Than Significant Impact. The Project is not located near a scenic vista. The Project involves constructing an underground infiltration chamber to infiltrate and treat storm water runoff. The PEIR noted potential impacts to scenic vista's and visual character. The impact determined was related to the aboveground pump stations and structures. The current Project does not propose any aboveground pump stations. Therefore there is no impact to a scenic vista.

Construction activities for the proposed Project would require temporary ground disturbance, primarily in the park and streets. The Project will involve disturbance and the presence of construction and equipment that will temporarily impact the aesthetics of the area. Construction activities will require the use of construction equipment and storage of materials on-site, thus introducing features that would affect the visual quality of the Project area and its surroundings for a temporary basis. Features would include demolition materials, excavated areas, stockpiled soils, and other materials generated and stored on-site during construction. However, given the predominantly urban character of Project location and the temporary nature of construction, impacts would be considered less than significant.

Once construction is complete, the infiltration BMP will be located underground and not visible. Therefore, construction and operation of this BMP improvement would not permanently affect views or scenic vistas. Implementation of the structural BMPs is anticipated to have an overall positive impact on the aesthetic environment.

- b. Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?**

No Impact. Construction of the Project will involve the removal of turf with some eucalyptus trees that may be diseased. The Project is not located within or adjacent to scenic resources. Additionally, according to the California Department of Transportation Scenic Highways Program Database, there are no designated state scenic highways located near the Project. Therefore there is no impact to scenic resources.

- c. Would the project substantially degrade the existing visual character or quality of the site and its surroundings?**

No Impact. The Project will have no impact and will not substantially degrade the existing visual character or quality of the site and its surroundings. The existing site is located within a highly urbanized area and once completed, will be below grade level. Therefore there is no impact to the existing visual character or quality of the site and its surroundings.

- d. Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?**

No Impact. Construction of the Project will take place during daylight hours. The Project does not proposed any new sources of light that will produce new lighting and glare. Therefore there is no impact by creating a new source of substantial lighting and glare.

Overall, the construction and operation of this Project and structural BMP improvement would not permanently affect views or scenic vistas and will not contribute to aesthetic impacts.

3.2 Agriculture and Forestry Resources

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program (FMMP) of the California Resources Agency, to non-agricultural use?				X
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X

Discussion:

- a. **Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?**

No Impact. The City contains very little agricultural or forest land, as the majority of the land is urbanized. The implemented BMP will augment the physical structure of the already established community, blending in as part of the existing landscape and enhancing water quality for the community. No land use planning impacts have been identified in the PEIR as a result of this Project since the structural BMP will be located and implemented within an existing park and roadway and within already established urban areas and therefore, not anticipated to impact agriculture and forestry resources. According to the State of California Department of Conservation Farmland Mapping and Monitoring Program (FMMP), the Project site is not located

in an area designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. Therefore there is no impact to farmland or agricultural resources.

b. Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

No Impact. The project site is not zoned for agricultural use and is not under a Williamson Act contract. Therefore there is no impact to land zoned for agricultural use or a Williamson Act contract.

c. Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

No Impact. The Project is located in the City's land zone R-3 for Multiple Family Residential and therefore, it will not conflict with existing zoning of forest land, timberland, or timberland zoned Timberland Production.

d. Would the project result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. The Project is not located in forest land. Therefore there is no impact to forest land.

e. Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

No Impact. The Project site is not on land designated for agricultural land use and will not result in conversion of Farmland to non-agricultural use or forest land to non-forest use.

3.3 Air Quality

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?		X		
b) Violate any air quality standard or contribute substantially to an existing or Projected air quality violation?			X	
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?		X		
d) Expose sensitive receptors to substantial pollutant concentrations?			X	
e) Create objectionable odors affecting a substantial number of people?				X

Discussion:

a. Conflict with or obstruct implementation of the applicable air quality plan?

Less Than Significant with Mitigation Incorporated. The City is located in the South Coast Air Quality Management District (SCAQMD) and United States Environmental Protection Agency (USEPA) Region 9. These agencies are regional or federal governing authorities that have primary responsibility for controlling air pollution from stationary sources. The SCAQMD has established standards for air quality constituents generated by construction and operational activities for such pollutants as ozone, carbon monoxide, nitrogen oxides, sulfur dioxide, and particulate matter (PM). The SCAQMD maintains an extensive air quality monitoring network to measure criteria pollutant concentrations throughout the Basin. The Basin where the proposed Project is located has been designated nonattainment status for the federal and state standards for ozone and PM_{2.5}, as well as the state standard for PM₁₀ and lead (California Air Resources Board, Area Designations Maps/State and National, November 2017).

The PEIR analyzed potential impacts to air quality due to construction activities. These construction activities would temporally create emissions of dust, fumes, equipment, and other contaminants. For Regional BMP Projects, the maximum daily level of construction-generated emissions of NOx was anticipated to exceed regional thresholds. The remaining criteria

pollutants (i.e., ROG, CO, SO_x, PM₁₀ and PM_{2.5}) would not exceed the regional thresholds. However, these emissions would not be significant with the mitigation measures (AIR-1, and AIR-2) noted in the PEIR, which include the use of low-emission equipment meeting Tier II emissions standards at a minimum and Tier III and IV emissions standards where available as CARB-required emissions technologies become readily available to contractors in the region. Exhaust from construction equipment may also produce discernible odors typical of most construction sites. Such odors would be a temporary source of nuisance to adjacent uses, but because they are temporary and intermittent in nature, would not be considered a significant environmental impact. Impacts associated with objectionable odors during construction would be less than significant. Additionally, the City shall encourage contractors to use lower-emission equipment through the bidding process where appropriate. In addition, the Project would not result in long-term emissions of air pollutants and would not exceed the SCAQMD thresholds of criteria pollutants. No further studies are required.

Once constructed, the proposed infiltration BMP would be not result in substantial long-term emission of criteria air pollutants. The proposed structural BMP is not a land use Project and, therefore, would not generate daily vehicle-exhaust emissions by the motor vehicles traveling to and from the Project area. While it is anticipated for the City to conduct visits to the structural BMP for inspection and maintenance activities, these visits would occur only periodically throughout the year and would result in minimal emissions.

Additionally, the infiltration structural BMP may possibly require the installation of electronic controls and ancillary components; this equipment would be electrically powered and would not generate emissions at the Project site.

Overall, with respect to operational emissions, BMP implementation would not result in substantial long-term regional emissions of criteria air pollutants and would not exceed the SCAQMD thresholds of significance for criteria pollutants. Therefore there is a less than significant impact to applicable air quality plans.

b. Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Less Than Significant Impact. During construction of the proposed Project, emissions will be generated by grading activities, construction workers traveling to and from the project site, delivery and hauling of construction supplies and debris, and fuel combustion by on-site construction equipment. Construction emissions would be short-term in nature and would be limited only to the time period when construction activity is taking place. Therefore there is a less than significant impact to applicable air quality violations.

c. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

Less Than Significant with Mitigation Incorporated. See discussion above in part a.

d. Expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. The closest sensitive receptors are the multi-family residences located adjacent to the construction site and approximately less than 100 feet away in addition to nearby schools. The localized emissions for all criteria pollutants during daily construction would remain below their respective SCAQMD Localized Significant Threshold (LTS). The project will not emit substantial amounts of pollutants as the emissions do not exceed mass daily thresholds during construction and any emissions associated with post-construction, such as maintenance, will be less than emissions during construction. Therefore the project will have a less than significant impact on sensitive receptors and no mitigation is required.

e. Create objectionable odors affecting a substantial number of people?

No Impact. Construction odors are limited to the number of people living and working near the source. The Project is located within multi-family residences located less than 100 feet away. Construction equipment used at the site has minimal emissions as compared to the mass daily thresholds and therefore will not create objectionable odors affecting a substantial number of people.

Mitigation Measures:

AIR-1 - The City will require the use of low-emission equipment meeting Tier II emissions standards at a minimum and Tier III and IV emissions standards where available as California Air Resources Board (CARB) required emissions technologies become readily available to contractors in the region.

AIR-2 - The City will encourage contractors to use lower-emission equipment through the bidding process where appropriate.

3.4 Biological Resources

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?				X
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				X
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X

Discussion:

- a. **Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?**

No Impact. Construction of the proposed Project would occur primarily within high-density urban, commercial, industrial, and transportation areas where it will improve upon existing stormwater infrastructure. Construction will possibly require the removal of surface materials such as asphalt, concrete, and turf as well as excavation and grading. The majority of the construction impact area would occur within developed and disturbed areas adjacent to existing infrastructure. Since the project is located in a highly urbanized area, no suitable habitat exists for any of the species. Therefore there will be no impact to the listed species.

The Project is being implemented with a purpose to enhance and benefit the water quality of the region and treat stormwater pollutants and would not result in cumulatively significant impacts.

- b. **Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?**

No Impact. According to the National Wetlands Inventory mapped by the United States Fish and Wildlife Service (USFWS), there are no riparian habitats located near the Project area. Therefore there will be no impact to these resources.

- c. **Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?**

No Impact. According to the National Wetlands Inventory mapped by the USFWS, there are no federally protected wetlands located near the Project site. Further analysis of this issue is not necessary. No impact is anticipated.

- d. **Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?**

No Impact. The proposed Project will have no impact on fish or wildlife since there is no natural habitat for fish located near the Project.

- e. **Does the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?**

No Impact. The Project will not conflict with the City's Tree Protection and Preservation Ordinance. Oak trees and other protected trees will be avoided to the extent feasible. If trees may be impacted by construction activities, a certified arborist will conduct a tree inventory of the construction impact area.

- f. **Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?**

No Impact. The Project will not conflict with any adopted conservation plan.

3.5 Cultural Resources

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?			X	
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?		X		
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		X		
d) Disturb any human remains, including those interred outside of dedicated cemeteries?		X		

Discussion:

a. Would the project cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?

Less Than Significant Impact. The Old Rock Scout House (Property Number 97862) is a historic property listed on the California Historic Resources Inventory (CHRI) located over 40 feet southeast of the subsurface storage system. The CHRI indicates that the structure was built in 1925 and has been listed as an individual property determined eligible for the National Register of Historic Places (NRHP) by a consensus through the Section 106 process and listed on the CRHR. However, a check of the California Register of Historical Resources (CRHR) revealed that the Old Rock Scout House is not listed. No previous site records or reports were identified at the South Coast Central Information Center (SCCIC) that document the property or verify that the property has been determined eligible for the NRHP/CRHR. The Old Rock Scout House was re-identified during the pedestrian survey and DPR 523 site forms were prepared. The Project will not impact this resource and the impact to historic resources will be less than significant.

b. Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?

Less Than Significant with Mitigation Incorporated. Cogstone archaeologist completed an intensive pedestrian survey of the entire Project area on November 15, 2018. Identification efforts included a review of existing literature and historic maps of the Project Area and vicinity, a CHRIS records search conducted at the SCCIC, and an intensive pedestrian survey. The sensitivity for subsurface archaeological resources within the area of the diversion pipeline is considered low due to the degree of previous disturbances from the construction of the existing

roadways. The sensitivity for subsurface archaeological resources within the area of the subsurface storage system is considered to be moderate due to the local ethnographic settlement and subsistence patterns, the prehistory and history of the area, the proximity of Pacoima Wash, and excavation depths of 30 feet which will extend into native soils.

If at any time during excavation/construction of the site, archaeological/cultural resources, or any artifacts or other objects which reasonably appears to be evidence of cultural or archaeological resource are discovered, all further excavation or other disturbance of the affected area to immediately cease. A fully qualified specialist shall inspect the site, to assess the significance of the find. Upon determining that the discovery is not an archaeological/ cultural resource, the work can be resumed. Upon determining that the discovery is an archaeological/cultural resource, no further excavation or development shall take place until a mitigation plan or other corrective measures have been prepared and approved. With incorporation of mitigation measure CUL-1, this impact will be less than significant.

c. Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less Than Significant with Mitigation Incorporated. Excavation at the subsurface storage system will be up to approximately 30 feet deep while those of the diversion pipe will generally not exceed 20 feet in depth. While fossils are known in the vicinity they are relatively sparse. If unanticipated fossils are unearthed during construction, work should be halted in that area until a qualified paleontologist can assess the significance of the find. Work may resume immediately at a minimum of 50 feet away from the find. With incorporation of mitigation measure CUL-2, this impact will be less than significant.

d. Would the project disturb any human remains, including those interred outside of formal cemeteries?

Less than Significant with Mitigation Incorporated. The Project site is not located near a cemetery and will not disturb any human remains. In the unlikely event that human remains are encountered during Project implementation, all work must cease near the find immediately. In accordance with California Health and Safety Code Section 7050.5, the County Coroner must be notified if potentially human bone is discovered. The Coroner will then determine within two working days of being notified if the remains are subject to his or her authority. If the Coroner recognizes the remains to be Native American, he or she shall contact the NAHC by phone within 24 hours, in accordance with Public Resources Code Section 5097.98. The NAHC will then designate a MLD with respect to the human remains. The MLD then has the opportunity to recommend to the property owner or the person responsible for the excavation work means for treating or disposing, with appropriate dignity, the human remains and associated grave goods. Work may not resume in the area of the find until all requirements of the health and safety code have been met. With incorporation of mitigation measure CUL-3, this impact will be less than significant.

Mitigation Measure:

CUL-1 - During excavation/construction of the site, archaeological/cultural resources, or any artifacts or other objects which reasonably appears to be evidence of cultural or archaeological resource are

discovered, all further excavation or other disturbance of the affected area to immediately cease. A fully qualified specialist shall inspect the site, to assess the significance of the find. Upon determining that the discovery is not an archaeological/ cultural resource, the work can be resumed. Upon determining that the discovery is an archaeological/cultural resource, no further excavation or development shall take place until a mitigation plan or other corrective measures have been prepared and approved.

CUL-2 - If unanticipated fossils are unearthed during construction, work should be halted in that area until a qualified paleontologist can assess the significance of the find. Work may resume immediately at a minimum of 50 feet away from the find.

CUL-3 - In the unlikely event that human remains are encountered during Project implementation, all work must cease near the find immediately. In accordance with California Health and Safety Code Section 7050.5, the County Coroner must be notified if potentially human bone is discovered. The Coroner will then determine within two working days of being notified if the remains are subject to his or her authority. If the Coroner recognizes the remains to be Native American, he or she shall contact the NAHC by phone within 24 hours, in accordance with Public Resources Code Section 5097.98. The NAHC will then designate a MLD with respect to the human remains. The MLD then has the opportunity to recommend to the property owner or the person responsible for the excavation work means for treating or disposing, with appropriate dignity, the human remains and associated grave goods. Work may not resume in the area of the find until all requirements of the health and safety code have been met.

3.6 Geology and Soils

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.				X
ii) Strong seismic ground shaking?				X
iii) Seismic-related ground failure, including liquefaction?				X
iv) Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?			X	
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?				X
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?				X
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				X

Discussion:

- a. **Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:**
- i) **Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for**

the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

No Impact. Implementation of the BMP will involve ground disturbance activities and therefore, is required to be constructed in compliance with the applicable laws, regulations and policies, including design requirements in the California Building Code (CBC) and the County of Los Angeles LID Standards to ensure that the Project is constructed in a manner that avoids impacts and damages.

The Project is being implemented to infiltrate stormwater which could potentially result in a significant amount of water infiltrated into the subsurface, which would saturate some shallow soils below the infiltration basins and raise groundwater levels. A general rise in groundwater levels due to stormwater infiltration would provide water supply benefits to the region, but could also raise groundwater levels above current levels. Groundwater in the area is over 100 feet in depth, with historic groundwater levels greater than 50 feet. To ensure that the Project is not undermined by unstable soils or impact adjacent infrastructure and buildings, and ensure impacts to the public safety are minimized, the Project will require a design-level geotechnical investigation.

The geotechnical evaluation will identify the potential for geologic and seismic hazards and will recommend site-specific design criteria to abate seismic hazards and geologic hazards, such as drainage barriers, lined trenches, continued monitoring of subsurface conditions, added site drainage, special foundations, and structural setbacks. The recommendations will be incorporated into the design of the Project. In addition, the County of Los Angeles LID Standards require a site assessment to identify design considerations. The site assessment specifically includes identifying the potential for fault rupture, seismic shaking, and seismically induced liquefaction and other ground failures. The design considerations must be prepared by a geotechnical engineer and must specifically include design features to minimize or avoid damage from fault rupture and seismic events.

Completion of a comprehensive design-level geotechnical investigation, implementing the design requirements in the CBC and County ordinances, and ensuring that the Project is constructed in compliance with the applicable laws, regulations, and policies, including the LID Ordinances, would ensure for the infiltration BMP to be constructed in a manner that avoids impacts. Therefore, this impact is considered less than significant.

Construction activities such as excavation and grading could result in soil erosion or loss of topsoil during rain or high-wind events. To prevent erosion and runoff from the construction site, the State Water Resources Control Board National Pollutant Discharge Elimination System (NPDES) Construction General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (CGP) requires the preparation and implementation of a SWPPP that would include BMPs to control erosion and off-site sedimentation from the site. The required compliance with the Stormwater Pollution Prevention Plan (SWPPP) and implementation of erosion control BMPs would ensure that soil erosion and loss of topsoil would be minimized to levels considered less than significant.

The infiltration BMP will be constructed within areas that are already urbanized and disturbed, and would therefore not be available for mineral resource activities.

ii) Strong seismic ground shaking?

No Impact. See discussion above in a.i.

iii) Seismic-related ground failure, including liquefaction?

No Impact. See discussion above in a.i.

iv) Landslides?

No Impact. The Project is located in a highly urbanized area and is located within a relatively flat terrain, and therefore will not expose people or structures to the risk of landslides.

b. Would the project result in substantial soil erosion or the loss of topsoil?

Less Than Significant Impact. Construction of the project would involve excavation to a depth of up to 30 feet, grading, paving, utility installation, building construction, and landscape installation which has the potential to temporarily expose on-site soils that would be subject to erosion during rainfall events or high winds. Construction activities for total land areas greater than one (1) acre are required to comply with the CGP. The City will develop and submit for approval a Project-specific SWPPP. The SWPPP will identify erosion and sediment control BMPs to reduce or eliminate sediment discharge to receiving water bodies from storm and non-stormwater discharge during construction. In addition, the Project is required to comply with SCAQMD Rule 403, which would reduce the amount of particulate matter in the air and minimize the potential for wind erosion. With the development of the Project's SWPPP and compliance with SCAQMD Rule 403, the potential for water and/or wind erosion impacts during project construction would be less than significant and mitigation is not required.

c. Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?

No Impact. See discussion above in a.i.

d. Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

No Impact. The Project will not adversely affect the geologic stability of the site and is not located on expansive soils.

- e. **Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?**

No Impact. The Project will not require the installation of septic tanks or alternative waste water disposal systems.

3.7 Greenhouse Gas Emissions

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?				X

Discussion:

- a. **Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?**

Less Than Significant Impact. Greenhouse Gas (GHG) emissions generated by the proposed Project would not exceed the SCAQMD's recommended threshold of 3,000 MTCO_{2e} /year for non-industrial Projects. Construction-related GHG emissions associated with the BMP development will be short-term in nature and limited to the period of time when construction activity is taking place. Additionally, as the structural BMP is not a land use Project, GHG emissions associated with mobile sources would only occur from periodic vehicle trips by workers to the structural BMP site for inspection and maintenance purposes, which would not generate substantial emissions. The annual GHG emissions associated with the operation of the electrical controls for the structural BMP would also be minimal relative to the GHG emissions generated during construction of this structural BMP. Based on analysis presented in the PEIR, the Project is not expected to result in substantial GHG emissions into the environment or contribute to climate change impacts. No further studies are required. Therefore the Project will have less than a significant impact on the generation of greenhouse gas emissions.

- b. **Would the project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?**

No Impact. There are numerous State plans, policies and regulations adopted for the purpose of reducing GHG emissions. The principal overall State plan and policy is AB 32, the California Global Warming Solutions Act of 2006. The quantitative goal of AB 32 is to reduce GHG emissions to 1990 levels by 2020. The Project would not conflict with the State plan and policy AB 32 because the emissions from the project are temporary and minimal.

3.8 Hazards and Hazardous Materials

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?		X		
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				X
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e) For a Project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project result in a safety hazard for people residing or working in the Project area?			X	
f) For a Project within the vicinity of a private airstrip, would the Project result in a safety hazard for people residing or working in the Project area?				X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X

Discussion:

- a. **Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?**

Less Than Significant with Mitigation Incorporated. Construction activities required for this Project will potentially involve excavation, grading, drilling, trenching, and other ground-disturbing activities. These anticipated construction activities may require the transport, storage, use, and disposal of small amounts of hazardous materials that may include gasoline, diesel, hydraulic fluids, oils and lubricants and other similarly related materials for the Project site. The City and the construction contractor will be required to comply with all relevant and applicable federal, state and local laws and regulations that pertain to the transportation, storage, use and disposal of hazardous materials and waste during the construction program. Because the City and the construction contractor would be required to comply with all relevant laws and regulations associated with the transport, storage, use, and disposal of hazardous materials and waste, the construction impacts would be less than significant. Based on analysis presented in the PEIR, the Project is not expected to result in significant hazards to the public, and with incorporation of mitigation measures of HAZ-1 from the PEIR will have less than significant impacts. In addition, the Project site is not located on a hazardous materials sites list as the Project is located on the public and street right-of-way.

- b. **Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?**

No Impact. The project will not create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment since there are no hazardous materials involved in the Project.

- c. **Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?**

No Impact. San Fernando Middle School is within a quarter-mile of the Project site, but no hazardous materials or substances will be emitted during the construction, therefore there is no impact to the schools nearby.

- d. **Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?**

No Impact. The Project is not located on a list of hazardous materials site.

- e. **For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?**

Less Than Significant Impact. The Project is located less than two miles from Whiteman Airport. The project will not result a safety hazard for people residing or working in the project area. The project construction will not impact airport operations as there are other buildings and structures that are larger than construction equipment that will be used for the construction of the project, located within the area. The Project is not located in the flight tracks of the airport, therefore should not be disturbing the airport operations. It is not a public facility and further analysis of this issue is not necessary and no mitigation measure would be required.

- f. **For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?**

No Impact. The project is not in the vicinity of a private airstrip.

- g. **Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

Less Than Significant Impact. The Project will not interfere with any emergency response plan or emergency evacuation plan. The local emergency agencies will be notified by the project prior to construction and will be able to accommodate alternate routes if necessary.

- h. **Would the project expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?**

No Impact. The Project will not expose people or structures to significant risk of loss, injury, or death involving wildland fires.

Mitigation Measures:

HAZ-1 – The City will prepare and implement maintenance practices that include periodic removal and replacement of sediments and media that may accumulate constituents. The City will prepare an Operations and Maintenance (O&M) Plan upon approval of the project that identifies the frequency and procedures for removal and/or replacement of accumulated debris and/or media to avoid accumulation of hazardous concentrations.

3.9 Hydrology and Water Quality

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements?		X		
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?				X
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?			X	
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?				X
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?				X
f) Otherwise substantially degrade water quality?				X
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?				X
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?				X
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?				X

Discussion:

- a. **Would the project violate any water quality standards or waste discharge requirements?**

Less Than Significant with Mitigation Incorporated. Construction, demolition, and renovation activities associated with the implementation of the BMP will lead to ground disturbance and polluted runoff. However, the CGP requires that any actions that disturb an acre or more of ground must develop an SWPPP to prevent the transport of polluted runoff. Development of a SWPPP will be required for the construction of the BMPs. Compliance with the CGP would ensure that the construction of BMPs would have no temporary or permanent impact to water quality.

The proposed structural BMP will have an overall effect of reducing off-site stormwater flows through on-site infiltration system. As a result of having a net effect of reducing stormwater runoff volumes, there would be a less-than significant effect on the capacity of existing or planned stormwater drainage systems. The structural BMP would also provide improvements to water quality of receiving waters as that is the primary purpose of the proposed BMP and have proven effective in reducing potential sources of polluted runoff for a less than significant impact.

- b. **Would the project substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?**

No Impact. The Project is not expected to negatively impact groundwater supplies or interfere substantially with groundwater recharge. The Project will enhance recharge to the groundwater table which will be a regional benefit. Therefore, no further analysis of this issue is necessary. No negative impact is anticipated.

- c. **Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?**

Less Than Significant Impact. The project will not substantially alter the drainage pattern of the area in a way that would result in substantial erosion or siltation on or off-site. The Project will retain flows from Pacoima Wash and Los Angeles River, which are lined systems and will not change siltation to downstream systems. Further analysis of this issue is not necessary and no mitigation measure would be required.

- d. **Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or offsite?**

No Impact. The Project will not substantially alter the existing drainage pattern of the area resulting in flooding on or off site. Further analysis of this issue is not necessary and no mitigation measure would be required.

- e. **Would the project create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?**

No Impact. The project will not create or contribute runoff water to exceed the capacity of existing or planned storm drain systems or provide source of polluted runoff. Further analysis of this issue is not necessary and no mitigation measures would be required.

- f. **Would the project otherwise substantially degrade water quality?**

No Impact. The Project will provide water quality enhancements for the area. The runoff generated from the design rainfall event will be captured and treated and then will be recharged to increase local groundwater supplies. Therefore, the Project will not otherwise substantially degrade water quality. Further analysis of this issue is not necessary and no mitigation measures would be required.

- g. **Would the project place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?**

No Impact. The project does not involve constructing housing and will not place housing within a 100-year flood hazard area. Further analysis of this issue is not necessary and no mitigation measures would be required.

- h. **Would the project place within a 100-year flood hazard area structures which would impede or redirect flood flows?**

No Impact. The project will not place structures in a 100-year flood hazard area.

- i. **Would the project expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?**

No Impact. The project will not expose people or structures to a significant risk of loss, injury or death involving flooding.

j. Would the project be subject to inundation by seiche, tsunami, or mudflow?

No Impact. The Project is not subject to inundation by seiche, tsunami, or mudflow. Further analysis of this issue is not necessary and no mitigation measures would be required.

Mitigation Measures:

HWQ-1 - A SWPPP will be prepared in compliance with California's General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities (General Permit) Order No. 2009-0009-DWQ as amended by Order No. 2010-0014-DWQ (NPDES No. CAS000002) issued by the State Water Resources Control Board.

3.10 Land Use and Planning

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Physically divide an established community?				X
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the Project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?				X
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?				X

Discussion:

a. Would the project physically divide an established community?

No Impact. No land use planning impacts have been identified in the PEIR analysis as a result of the proposed structural BMP. The Project is being constructed on urbanized land primarily on streets and sidewalks and will therefore, not conflict with existing land zone uses. No further analysis is required.

b. Would the project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

No Impact. The Project will not conflict with any applicable land use plan, policy, or regulation.

c. Would the project conflict with any applicable habitat conservation plan or natural community conservation plan?

No Impact. The proposed Project site does not fall within area covered by a habitat conservation plan or natural community's conservation plan. Further analysis of this issue is not necessary. No impact is anticipated.

3.11 Mineral Resources

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X

Discussion:

- a. **Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?**

No Impact. The Project is being implemented within a largely already urbanized area and is therefore not anticipated to contribute to impacts in mineral resources. The use of the proposed Project site is for non-mining land uses and would not result in a significant loss of mineral resources of value to the region or state.

- b. **Would the project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?**

No Impact. There is no known locally-important mineral resource recovery site at the Project site.

3.12 Noise

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?		X		
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?		X		
c) A substantial permanent increase in ambient noise levels in the Project vicinity above levels existing without the Project?				X
d) A substantial temporary or periodic increase in ambient noise levels in the Project vicinity above levels existing without the Project?		X		
e) For a Project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project expose people residing or working in the Project area to excessive noise levels?				X
f) For a Project within the vicinity of a private airstrip, would the Project expose people residing or working in the Project area to excessive noise levels?				X

Discussion:

- a. **Would the project results in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?**

Less Than Significant with Mitigation Incorporated. Equipment used during these construction activities produce noise and vibration which have the potential to negatively impact the surrounding community. The PEIR noted potential impacts to noise levels due to construction activities/equipment.

The construction noise impacts associated with the BMP Project would be short-term in nature and limited to the period of time when construction activity is taking place. Generally,

development for the BMP construction site will require the use of heavy construction equipment for activities such as site preparation, grading and excavation, and the physical development of the structural BMP. Development activities could also involve the use of smaller power tools, generators, and other sources of noise. During each stage of development for the structural BMP Project, there will be a different mix of equipment operating and noise levels would vary based on the amount and type of equipment in operation.

The structural BMP will result in an increase in construction-related noise levels, however with incorporation of mitigation measure NOISE-1, construction impacts will be less than significant.

b. Would the project results in exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

Less Than Significant with Mitigation Incorporated. The Project construction will create some groundborne vibrations as part of the construction. However, once the construction is complete all groundborne vibration or groundborne noise levels will cease.

c. Would the project result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

No Impact. The Project will only temporarily cause an increase in noise levels during the construction phase, but will not be permanent.

d. Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Less Than Significant with Mitigation Incorporated. See discussion above in part a.

e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Impact. The Project is not located in an area designated as a public airport land use.

f. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

No Impact: The proposed Project site is located approximately two miles away from Whiteman airport. The proposed project is outside of the two miles and therefore no further analysis is required.

Mitigation Measures:

NOISE-1: - All construction would be conducted in accordance with the applicable local noise regulations and standards, the implementation of noise reduction devices and techniques during construction activities, and advance notification to the surrounding noise-sensitive receptors of a structural BMP site about upcoming construction activities and their hours of operation. This would serve to reduce the construction-related noise levels at nearby receptors to the maximum extent feasible.

3.13 Population and Housing

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				X
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				X

Discussion:

- a. **Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?**

No Impact. The proposed Project would involve implementation of a structural BMP that would infiltrate and treat stormwater runoff. The structural BMP would result in the improvement of existing stormwater infrastructure and stormwater quality, and would therefore not result in a direct or indirect increase in population or housing. The Project would be installed along the sidewalk, streets and in the park, and would not displace existing people or housing. The structural BMP is not a habitable structure and would not provide new homes or businesses. The construction work force anticipated to support implementation of the proposed Project would be drawn from the local Los Angeles region workforce and would not require housing. Therefore, there would be no cumulative impacts to population and housing. Further analysis of this issue is not necessary and no mitigation measure would be required.

- b. **Would the project displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?**

No Impact. The Project will not displace existing housing.

- c. **Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?**

No Impact. The Project will not displace people.

3.14 Public Services

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?		X		
Police protection?		X		
Schools?			X	
Parks?		X		
Other public facilities?			X	

Discussion:

- a. **Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for Fire Protection, Police Protection, Schools, Parks, or other public facilities?**

Fire Protection - Less Than Significant with Mitigation Incorporated. The proposed Project will be installed to infiltrate stormwater runoff and treat existing water quality impairments and would not contribute to an increased need for fire protection or police protection services. The structural BMP is not habitable structure, would not be constructed with flammable materials, and would not require fire protection services. Because of the relative scale of the Project, the construction of the structural BMP is not expected to result in the increase of population, require additional police, fire, emergency services or result in construction of new schools.

Construction of the Project is taking place on the sidewalk, park and streets and within existing high-density urban areas and it could temporarily disrupt the fire services. With the incorporation of mitigation measure PS-1, the Project will have less than significant impacts.

Police Protection - Less Than Significant with Mitigation Incorporated. Construction of the Project is taking place on the sidewalk, park and streets and within existing high-density urban areas and it could temporarily disrupt the police response services. With the incorporation of mitigation measure PS-1, the Project will have less than significant impacts.

Schools - Less Than Significant Impact. The Project is located near San Fernando Middle School. However, the Project will not have an incremental effect on the level of education services provided in the vicinity of the Project. Further analysis of this issue is not necessary. Less than significant impacts are anticipated.

Park - Less Than Significant with Mitigation Incorporated. The Project will be taking place at the San Fernando Regional Park. Once construction begins, the portion of the park with construction activities will not be available for public use. Advance coordination (mitigation measure PS-2) with Park Department will be provided which will help in moving the park play schedules normally proposed at the fields. This advance coordination will result in less than significant impact.

Mitigation Measure:

PS-1: - The City shall provide reasonable advance notification to service providers such as fire, police, and emergency medical services as well as to local businesses, homeowners, and other residents adjacent to and within areas potentially affected by the proposed Project about the nature, extent, and duration of construction activities. Interim updates should be provided to inform the public of the status of the construction activities.

PS-2: - Work with City Parks Department to provide advance coordination to schedule play field services.

3.15 Recreation

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Would the Project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?		X		
b) Does the Project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?				X

Discussion:

- a. **Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?**

Less Than Significant with Mitigation Incorporated. This is an infiltration project taking place directly at the City's Regional Park. During the construction of the Project, certain parts of the park and recreational facilities would temporarily be removed from service. The soccer and baseball fields, bike lanes and other linear recreational resources may also be affected by construction activities. Therefore, the construction of the BMP could temporarily limit the usage of the park, thereby potentially temporarily increasing the use at adjacent parks. Such temporary limits on access to parks and recreational resources may create increased demand on other parks and recreational resources within the Project area. However with incorporation of mitigation measure PS-2, this impacts will be less than significant. No further studies are required.

- b. **Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?**

No Impact. The project does not include expanding the park and is not expected to have adversely physical effects on the environment.

Mitigation Measure:

PS-2: - Work with City Parks Department to provide advance coordination to schedule play field services.

3.16 Transportation and Traffic

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?		X		
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?				X
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?		X		
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
e) Result in inadequate emergency access?		X		
f) Conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?			X	

Discussion:

- a. **Would the project conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, taking into account all modes of transportation including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?**

Less Than Significant Impact With Mitigation Incorporated. Implementation of the proposed Project would involve the installation of structural control measure that would be constructed as a BMP to reduce the impact of stormwater and non-stormwater on receiving water quality within the drainage area. The construction activities for the proposed Project would require ground disturbance (e.g., site preparation and grading), and construction of the structural control measure. The PEIR identifies potential impacts to transportation and traffic due to construction activities of the Project. Impacts include an increase in construction-related traffic levels, which would temporarily increase the levels of congestion on the roadway where the construction project would occur. Vehicle trips would be generated by construction workers commuting to and from the work site, by trucks hauling materials and equipment to and from the site, in addition to all other commuters driving through the Project Area. Construction equipment would be delivered to and removed from the site as needs for the equipment arises. The construction traffic impacts associated with the Project would be short-term in nature and limited to the period of time when construction activity is occurring. The project construction will possibly require reduction of travel lanes and will require space for the construction and construction vehicles and materials placement. The primary off-site impacts resulting from the movement of construction trucks would include a short-term and intermittent lessening of roadway capacities due to the slower movements and larger turning radii of the trucks compared to passenger vehicles, in addition to potentially temporary reduction and closures of traffic lanes.

Once the Project is completed, no impacts to traffic would result. Further studies are required to evaluate the impacts during construction.

Mitigation Measures TRAF-1 – Implement traffic mitigation plans that may not necessarily be limited to, the following:

- Develop circulation and detour plans to minimize impacts to local street circulation. Use haul routes minimizing truck traffic on local roadways to the extent possible.
- To the extent feasible, and as needed to avoid adverse impacts on traffic flow, schedule truck trips outside of peak morning and evening commute hours.
- Coordinate with facility owners or administrators as police and fire stations, hospitals, and schools. Provide advance notification to the facility owner or operator of the timing, location, and duration of construction activities

- b. **Would the project conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?**

No Impact. The Project will not conflict with an applicable congestion management program.

- c. **Would the project result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?**

Less Than Significant Impact With Mitigation Incorporated. See discussion in part a.

- d. **Would the project substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?**

No Impact. The Project will not substantially increase hazards due to a design feature.

- e. **Would the project result in inadequate emergency access?**

Less Than Significant Impact With Mitigation Incorporated. The project would not result in inadequate emergency access. The project does not anticipate closing any streets or intersections that may impact emergency access to the area. There are alternative routes that can be taken during any street closures. The Contractor will be required to coordinate with facility owners or administrators as police and fire stations, hospitals, and schools. Provide advance notification to the facility owner or operator of the timing, location, and duration of construction activities.

- f. **Would the project conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?**

Less Than Significant Impact. The Project will not conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities. There are currently no bike lanes along the Project area on Park Ave and First Street.

3.17 Tribal and Cultural Resources

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or			X	
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.		X		

Discussion:

- a. **Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:**

- i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)**

Less Than Significant Impact. The Old Rock Scout House (Property Number 97862) is a historic property listed on the CHRI located over 40 feet southeast of the subsurface storage system. The CHRI indicates that the structure was built in 1925 and has been listed as an individual property determined eligible for the NRHP by a consensus through the Section 106 process and listed on the CRHR. However, a check of the CRHR revealed that the Old Rock

Scout House is not listed. No previous site records or reports were identified at the SCCIC that document the property or verify that the property has been determined eligible for the NRHP/CRHR. The Old Rock Scout House was re-identified during the pedestrian survey and DPR 523 site forms were prepared. The Project will not impact this resource and the impact to historic resources will be less than significant.

ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

Less Than Significant Impact with Mitigation Incorporated. This Project will be implemented in a park, and in a public street in a highly urbanized area. The Project is not anticipated to cause adverse change in the significance of a tribal cultural resource. Cogstone archaeologist completed an intensive pedestrian survey of the entire Project area on November 15, 2018. Identification efforts included a review of existing literature and historic maps of the Project Area and vicinity, a CHRIS records search conducted at the SCCIC, and an intensive pedestrian survey. The sensitivity for subsurface archaeological resources within the area of the diversion pipeline is considered low due to the degree of previous disturbances from the construction of the existing roadways. The sensitivity for subsurface archaeological resources within the area of the subsurface storage system is considered to be moderate due to the local ethnographic settlement and subsistence patterns, the prehistory and history of the area, the proximity of Pacoima Wash, and excavation depths of 30 feet which will extend into native soils.

If at any time during excavation/construction of the site, archaeological/cultural resources, or any artifacts or other objects which reasonably appears to be evidence of cultural or archaeological resource are discovered, all further excavation or other disturbance of the affected area to immediately cease. A fully qualified specialist shall inspect the site, to assess the significance of the find. Upon determining that the discovery is not an archaeological/ cultural resource, the work can be resumed. Upon determining that the discovery is an archaeological/cultural resource, no further excavation or development shall take place until a mitigation plan or other corrective measures have been prepared and approved. With incorporation of mitigation measure CUL-1, this impact will be less than significant.

Mitigation Measure:

CUL-1 - During excavation/construction of the site, archaeological/cultural resources, or any artifacts or other objects which reasonably appears to be evidence of cultural or archaeological resource are discovered, all further excavation or other disturbance of the affected area to immediately cease. A fully qualified specialist shall inspect the site, to assess the significance of the find. Upon determining that the discovery is not an archaeological/ cultural resource, the work can be resumed. Upon determining that the discovery is an archaeological/cultural resource, no further excavation or development shall take place until a mitigation plan or other corrective measures have been prepared and approved.

3.18 Mandatory Findings of Significance

Would the Project:

Environmental Issue	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Does the Project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?				X
b) Does the Project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a Project are considerable when viewed in connection with the effects of past Projects, the effects of other current Projects, and the effects of probable future Projects)?				X
c) Does the Project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?				X

Discussion:

- a. **Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?**

No Impact. Implementation of the proposed Project would not substantially degrade the quality of the environment, reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory. Further analysis of this issue is not necessary and no mitigation measures would be required.

- b. **Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?**

No Impact. The proposed Project does not have impacts which are individually limited, but cumulatively considerable. Further analysis of this issue is not necessary and no mitigation measures would be required.

- c. **Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?**

No Impact. The proposed Project does not have environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly. Further analysis of this issue is not necessary and no mitigation measures would be required.

This Project will be implemented in a public and highly urbanized area and therefore it is not anticipated to affect the quality of the environment, habitat, fish, wildlife, and plant populations.

4. References

California Department of Conservation. California Important Farmland Finder.

<https://maps.conservation.ca.gov/dlrp/ciff/>

California Department of Transportation. California Scenic Highway Mapping System.

http://www.dot.ca.gov/hq/LandArch/16_livability/scenic_highways/index.htm

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<https://www.arb.ca.gov/desig/adm/adm.htm>

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http://ci.san-fernando.ca.us/wp-content/uploads/2018/01/171220_SFCSP_GP_Amend_Land_Use_FINAL.pdf

Cogstone Resources Management, Inc., 2018 "Cultural and Paleontological Resources Assessment for the San Fernando Regional Park Infiltration Project, City of San Fernando, Los Angeles County, California"

County of Los Angeles Department of Public Works (LACDPW). Los Angeles County Flood Control District Enhanced Watershed Management Programs, Program Environmental Impact Report, January, 2015

San Fernando Zoning, Planning Division., 2016

<http://ci.san-fernando.ca.us/wp-content/uploads/2016/02/Zoning-Map.pdf>

United States Fish and Wildlife Service. National Wetlands Inventory. Wetlands Mapper.

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