



SAN FERNANDO CITY COUNCIL
REGULAR MEETING NOTICE AND AGENDA
SEPTEMBER 19, 2016 – 6:00 PM

COUNCIL CHAMBERS
117 MACNEIL STREET
SAN FERNANDO, CA 91340

CALL TO ORDER/ROLL CALL

Mayor Robert C. Gonzales
Vice Mayor Joel Fajardo
Councilmember Antonio Lopez
Councilmember Jaime Soto
Councilmember Sylvia Ballin

PLEDGE OF ALLEGIANCE

San Fernando Police Explorer Samantha Martinez

APPROVAL OF AGENDA

PRESENTATIONS

- a) TRIBUTE TO OUR TROOPS
Mayor Robert C. Gonzales
- b) SAN FERNANDO NATIONAL LITTLE LEAGUE GIRLS SOFTBALL CHAMPIONS
Recreation and Community Services Director Ismael Aguila

PUBLIC STATEMENTS – WRITTEN/ORAL

There will be a three (3) minute limitation per each member of the audience who wishes to make comments relating to City Business. Anyone wishing to speak, please fill out the blue form located at the Council Chambers entrance and submit it to the City Clerk. When addressing the City Council please speak into the microphone and voluntarily state your name and address.

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CONSENT CALENDAR

Items on the Consent Calendar are considered routine and may be disposed of by a single motion to adopt staff recommendation. If the City Council wishes to discuss any item, it should first be removed from the Consent Calendar.

1) REQUEST TO APPROVE MINUTES OF:

- a. **SEPTEMBER 6, 2016 – SPECIAL MEETING**
- b. **SEPTEMBER 6, 2016 – REGULAR MEETING**

2) CONSIDERATION TO ADOPT A RESOLUTION APPROVING THE WARRANT REGISTER

Recommend that the City Council adopt Resolution No. 16-092 approving the Warrant Register.

3) CONFLICT OF INTEREST CODE – BIENNIAL REVIEW

Recommend that the City Council receive and file the 2016 Local Agency Biennial Notice.

4) CONSIDERATION TO ACCEPT AND APPROPRIATE THE NATIONAL ENDOWMENT FOR THE ARTS GRANT AWARD TO SUPPORT THE CITY OF SAN FERNANDO MARIACHI MASTER APPRENTICE PROGRAM

Recommend that the City Council:

- a. Accept the National Endowment for the Arts Council Grant of \$55,000 to support the City's Mariachi Master Apprentice Program through September 30, 2017; and
- b. Adopt Resolution No. 7761 to increase the revenue and expenditures of Fiscal Year (FY) 2016-2017 Fund 109 budget by \$55,000.

ADMINISTRATIVE REPORTS**5) UPDATE REGARDING THE MORATORIUM ON THE APPLICATION FILING, PROCESSING, APPROVAL AND ISSUANCE OF PERMITS FOR MULTIPLE-FAMILY DWELLING PROJECTS THROUGH JANUARY 18, 2017 (CITY COUNCIL URGENCY ORDINANCE NO. U-1652)**

Recommend that the City Council:

- a. Receive and file the status update; and

SAN FERNANDO CITY COUNCIL**Regular Meeting Notice and Agenda – September 19, 2016**Page 3 of 4

- b. Provide City staff with direction regarding the current Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects that is set to expire on January 18, 2017.

6) CONSIDERATION OF VOLUNTARY PARKING PERMIT DISTRICTS IN RESIDENTIAL NEIGHBORHOOD ZONES

Recommend that the City Council:

- a. Review survey information collected regarding voluntary residential permit parking districts;
- b. Take public input regarding residential parking conditions; and
- c. Provide further direction to staff.

7) CONSIDERATION TO APPROVE CO-SPONSORSHIP OF THE SAN FERNANDO FALL HARVEST BREWFEST AND DISCUSSION OF CITY POLICY PERTAINING TO CO-SPONSORSHIPS

Vice Mayor Joel Fajardo placed this item on the agenda and is recommending that the City Council:

- a. Approve City co-sponsorship of the San Fernando Fall Harvest Brewfest;
- b. Approve the use of the City Seal on San Fernando Fall Harvest Brewfest print material;
- c. Consider waiving special event fees for implementation of the San Fernando Fall Harvest Brewfest;
- d. Consider adopting Resolution No. 7762 to increase expenditures of Fiscal Year 2016-2017 Fund 001 budget by \$2,875 to fund staffing costs for the San Fernando Fall Harvest Brewfest on October 22, 2016; and
- e. Provide any additional feedback regarding City co-sponsorship of events.

8) APPOINTMENTS TO CITY COMMISSIONS

Councilmember Jaime Soto is recommending the appointment of Jennifer Helliwell to the Transportation and Safety Commission and Pilar Enriquez to the Recreation and Community Services Commission as his representatives.

SAN FERNANDO CITY COUNCIL

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9) CONSIDERATION OF VIN SCULLY DAY PROCLAMATION

Mayor Robert C. Gonzales placed this item on the agenda for City Council to consider declaring September 23, 2016 as Vin Scully Day in the City of San Fernando.

CITY COUNCIL - LIAISON UPDATES**DEPARTMENT HEADS - COMMISSION UPDATES****GENERAL COUNCIL COMMENTS****STAFF COMMUNICATION****ADJOURNMENT**

I hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted on the City Hall bulletin board not less than 72 hours prior to the meeting.

Elena G. Chávez, CMC

City Clerk

Signed and Posted: September 15, 2016 (5:00 p.m.)

Agendas and complete Agenda Packets (including staff reports and exhibits related to each item) are posted on the City's Internet website (www.sfcity.org). These are also available for public reviewing prior to a meeting in the City Clerk Department. Any public writings distributed by the City Council to at least a majority of the Councilmembers regarding any item on this regular meeting agenda will also be made available at the City Clerk Department at City Hall located at 117 Macneil Street, San Fernando, CA, 91340 during normal business hours. In addition, the City may also post such documents on the City's website at www.sfcity.org. In accordance with the Americans with Disabilities Act of 1990, if you require a disability-related modification/accommodation to attend or participate in this meeting, including auxiliary aids or services please call the City Clerk Department at (818) 898-1204 at least 48 hours prior to the meeting.

Regular Meeting

San Fernando City Council

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**SAN FERNANDO CITY COUNCIL
MINUTES**

**SEPTEMBER 6, 2016 – 4:30 P.M.
SPECIAL MEETING**

City Hall Community Room
117 Macneil Street
San Fernando, CA 91340

CALL TO ORDER/ROLL CALL

Mayor Robert C. Gonzales called the meeting to order at 4:35 p.m.

Present:

Council: Mayor Robert C. Gonzales, Vice Mayor Joel Fajardo, and Councilmembers Jaime Soto, Antonio Lopez, and Sylvia Ballin (via teleconference)

Staff: City Manager Brian Saeki, City Attorney Rick Olivarez, and City Clerk Elena G. Chávez

PLEDGE OF ALLEGIANCE

Led by Mayor Robert C. Gonzales

APPROVAL OF AGENDA

Motion by Councilmember Lopez, seconded by Vice Mayor Fajardo, to approve the agenda. By consensus, the motion carried.

PUBLIC STATEMENTS – WRITTEN/ORAL

None

RECESS TO CLOSED SESSION (4:36 P.M.)

By consensus, Councilmembers recessed to the following Closed Session as announced by City Attorney Olivarez:

- A) CONFERENCE WITH LEGAL COUNSEL TO DISCUSS FACTS AND CIRCUMSTANCES WHICH CREATE EXPOSURE TO LITIGATION OR MAY OTHERWISE RESULT IN LITIGATION
G.C. §54956.9(d)(2) AND §54956.9(e)(3)
One (1) Matter

**SAN FERNANDO CITY COUNCIL
SPECIAL MEETING MINUTES – September 6, 2016**

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- B) CONFERENCE WITH LEGAL COUNSEL TO DISCUSS FACTS AND CIRCUMSTANCES WHICH CREATE EXPOSURE TO LITIGATION OR MAY OTHERWISE RESULT IN LITIGATION

G.C. §54956.9(d)(2) AND §54956.9(e)(2)

One (1) Matter

- C) CONFERENCE WITH LABOR NEGOTIATOR

G.C. §54957.6

Designated City Negotiators:

City Manager Brian Saeki

Deputy City Manager/Public Works Director Chris Marcarello

Finance Director Nick Kimball

Employees and Employee Bargaining Units that are the Subject of Negotiation:

San Fernando Management Group (SEIU, Local 721)

San Fernando Public Employees' Association (SEIU, Local 721)

San Fernando Police Officers Association

San Fernando Police Officers Association Police Management Unit

San Fernando Police Civilian Association (SEIU, Local 721)

San Fernando Part-time Employees' Bargaining Unit (SEIU, Local 721)

All Unrepresented Employees

RECONVENE FROM CLOSED SESSION (6:00 P.M.)

City Attorney Olivarez stated that all Councilmembers were present (Councilmember Ballin participated via teleconference from a remote location) and reported the following:

Item A – The City Council received a government code claim and discussed the contents. The City Council voted to reject the claim: 4 – Ayes, 1 – Recuse (Councilmember Soto)

Item B – The City Council received a briefing on this item from legal counsel. Direction was given but no final action was taken.

Item C – The City Council received a brief update from the City Manager and Public Works Director but no final action was taken.

ADJOURNMENT (6:01 P.M.)

Motion by Vice Mayor Fajardo, seconded by Councilmember Ballin, to adjourn. By consensus, the motion carried.

I do hereby certify that the foregoing is a true and correct copy of the minutes of September 6, 2016 meeting as approved by the San Fernando City Council.

Elena G. Chávez
City Clerk

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**SAN FERNANDO CITY COUNCIL
MINUTES**

**SEPTEMBER 6, 2016 – 6:00 P.M.
REGULAR MEETING**

City Hall Council Chambers
117 Macneil Street
San Fernando, CA 91340

CALL TO ORDER/ROLL CALL

Mayor Robert C. Gonzales called the meeting to order at 6:03 p.m.

Present:

Council: Mayor Robert C. Gonzales, Vice Mayor Joel Fajardo, and Councilmembers Jaime Soto, Antonio Lopez, and Sylvia Ballin (via teleconference)

Staff: City Manager Brian Saeki, City Attorney Rick Olivarez, and City Clerk Elena G. Chávez

PLEDGE OF ALLEGIANCE

Led by San Fernando Police Explorer Daniel Ochoa

APPROVAL OF AGENDA

Motion by Vice Mayor Fajardo, seconded by Councilmember Soto, to approve the agenda. By consensus, the motion carried.

PRESENTATIONS

The following presentation was made:

- b) TRIBUTE TO OUR TROOPS – Recognition of Negrete family

PUBLIC STATEMENTS – WRITTEN/ORAL

Michael Remenih complained about Councilmember Soto.

Julian Reyes gave an update regarding Republic Services.

SAN FERNANDO CITY COUNCIL**MINUTES – September 6, 2016****Page 2**

Dee Akemon invited Councilmembers to walk her neighborhood to so they could understand the importance of the red curbing at the school.

Michelle Guijarro talked about comments made by past public speakers and said she doesn't want Councilmember Soto's supporters near her during the Council meetings.

CONSENT CALENDAR

Motion by Councilmember Lopez, seconded by Councilmember Soto, to approve the following Consent Calendar Items:

- 1) REQUEST TO APPROVE MINUTES OF AUGUST 1, 2016 – REGULAR MEETING
- 2) CONSIDERATION TO ADOPT A RESOLUTION APPROVING THE WARRANT REGISTER
- 3) CONSIDERATION TO APPROVE A PROFESSIONAL SERVICES AGREEMENT FOR ON-CALL TRAFFIC SIGNAL MAINTENANCE SERVICES
- 4) CONSIDERATION TO APPROVE AN AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT WITH MORRISON MANAGEMENT SPECIALISTS FOR MEAL SERVICE FOR THE ELDERLY NUTRITION PROGRAM
- 5) CONSIDERATION TO ADOPT AN ORDINANCE AMENDING CITY PARKING RATIOS FOR DENTAL AND MEDICAL CLINICS CITYWIDE

The motion carried with the following vote:

AYES:	Lopez, Soto, Ballin, Fajardo, Gonzales – 5
NOES:	None
ABSENT:	None

At this time, Councilmember Ballin reported that she had to attend another meeting and would be logging off.

ADMINISTRATIVE REPORTS

- 6) PRESENTATION REGARDING THE PRESENCE OF THE INVASIVE AEDES AEGYPTI (YELLOW FEVER MOSQUITO)

Wesley Collins, Greater Los Angeles County Vector Control District, gave a presentation and replied to questions from Councilmembers.

SAN FERNANDO CITY COUNCIL**MINUTES – September 6, 2016****Page 3**

Staff will assist with disseminating the information by placing the pamphlets at City parks and digital versions on social media (i.e., Facebook, City website, informational blast). Staff will also do outreach to local schools and include bilingual information in the water bills.

No formal action was taken.

7) **PRESENTATION BY BLUE GREEN ALLIANCE REGARDING GAS LEAK SIGN ON LETTER TO THE PUBLIC UTILITY COMMISSION**

Jorge Rodriguez, JHR Consulting Group, gave a presentation and replied to questions from Councilmembers.

Councilmembers said they need to review the information provided as well do additional research and it was suggested to bring this back at the next meeting.

No formal action was taken.

8) **CONSIDERATION TO ACCEPT AND APPROPRIATE THE CALIFORNIA ARTS COUNCIL GRANT TO SUPPORT THE CITY'S MARIACHI MASTER APPRENTICE PROGRAM**

Recreation and Community Services Director Ismael Aguila gave the staff presentation.

Motion by Vice Mayor Fajardo, seconded by Councilmember Lopez, to:

- a. Accept the California Arts Council Grant to support the City's Mariachi Master Apprentice Program (MMAP);
- b. Authorize the City Manager to execute the Grant Agreement (Contract No. 1836) in order to receive the funding in the amount of \$10,200 to support the City's MMAP through June 30, 2017; and
- c. Adopt Resolution No. 7760 to increase the revenue and expenditures of Fiscal Year 2016-2017 (Fund 108) by \$10,200.

Councilmember Soto stepped away during the presentation of this item.

The motion carried with the following vote:

AYES: Fajardo, Lopez, Gonzales – 3
NOES: None
ABSENT: Soto, Ballin – 2

9) **PRESENTATION OF MEASURE "A" ANNUAL REPORT**

Finance Director Nick Kimball presented the staff report and replied to various questions from Councilmembers.

SAN FERNANDO CITY COUNCIL**MINUTES – September 6, 2016****Page 4**

By consensus, the 2016 Annual Report on the collection, management, and expenditure of Measure “A”, was received and filed.

CITY COUNCIL - LIAISON UPDATES

Councilmember Lopez provided updates regarding events pertaining to the Southern California Association of Governments (SCAG) and the projects they’re working on, including an upcoming California housing summit.

Vice Mayor Fajardo provided updates regarding events held by the League of California Cities, Valley Economic Alliance, VICA, and the Chamber of Commerce.

Mayor Gonzales talked about the Library Commission and the Valley Economic Alliance and stated that he received great feedback regarding the City’s website.

DEPARTMENT HEADS - COMMISSION UPDATES

Deputy City Manager/Public Works Director Chris Marcarello gave an update regarding the Transportation and Safety Commission activities.

Community Development Director Fred Ramirez provided information regarding upcoming agenda items for the Planning and Preservation Commission.

Recreation and Community Services Director Ismael Aguila reported that the Parks, Wellness and Recreation Commission will meet next Tuesday and will discuss items such as the artwork donated to the City, Parks Master Plan, 5K Relay, and holiday tree event.

City Clerk Chávez reported that the Education Commission met last week and they discussed their priorities for the fiscal year.

GENERAL COUNCIL COMMENTS

Councilmember Soto talked about the budget and hopes that the Police Department motorbike program will open up, said last week’s parks movie event was successful, held a coffee meeting at his home and received good feedback from community members, thanked staff and said let’s continue to move forward.

Councilmember Lopez talked about development and vacancies and believes there should be further discussion regarding this topic.

Vice Mayor Fajardo agreed with Councilmember Lopez, reminded everyone about the upcoming Indigenous People’s Day, said there’s renewed interest about having Council meetings recorded, and he talked about the housing issue and how Councilmembers have voted.

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Mayor Gonzales talked about a library event he attended, invited Councilmembers to sign up for an upcoming Independent Cities Association luncheon. He also reminded everyone to register for the 5K Relay, talked about the ribbon cutting event for Throwback Junction, and asked if a traffic study could be done at Mountain View and Maclay Ave.

STAFF COMMUNICATION

City Manager Saeki reported that staff plans to bring back a study session on economic development and he's also looking into recording the City Council meetings (he's been in touch with a local film company regarding pricing, etc.).

Deputy City Manager/Public Works Director Marcarello reported that staff met with SCAG and California State University, Northridge to explore partnerships to help create and improve the City's GIS system.

Community Development Director Ramirez gave updates regarding various development projects going on in the City.

ADJOURNMENT (8:09 P.M.)

Motion by Vice Mayor Fajardo, seconded by Councilmember Soto, to adjourn the meeting. By consensus, the motion carried.

I do hereby certify that the foregoing is a true and correct copy of the minutes of September 6, 2016, meeting as approved by the San Fernando City Council.

Elena G. Chávez
City Clerk

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AGENDA REPORT

To: Mayor Robert C. Gonzales and Councilmembers

From: Brian Saeki, City Manager
By: Nick Kimball, Finance Director

Date: September 19, 2016

Subject: Consideration to Adopt a Resolution Approving the Warrant Register

RECOMMENDATION:

It is recommended that the City Council adopt Resolution No. 16-092 (Attachment "A") approving the Warrant Register.

BACKGROUND:

For each City Council meeting the Finance Department prepares a Warrant Register for Council approval. The Register includes all recommended payments for the City. Checks, other than handwritten checks, generally are not released until after the Council approves the Register. The exceptions are for early releases to avoid penalties and interest, excessive delays and in all other circumstances favorable to the City to do so. Handwritten checks are those payments required to be issued between Council meetings such as insurance premiums and tax deposits. Staff reviews requests for expenditures for budgetary approval and then prepares a Warrant Register for Council approval and or ratification. Items such as payroll withholding tax deposits do not require budget approval.

The Finance Director hereby certifies that all requests for expenditures have been signed by the department head, or designee, receiving the merchandise or services thereby stating that the items or services have been received and that the resulting expenditure is appropriate. The Finance Director hereby certifies that each warrant has been reviewed for completeness and that sufficient funds are available for payment of the warrant register.

ATTACHMENT:

A. Resolution 16-092

ATTACHMENT "A"

RESOLUTION NO. 16-092

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN FERNANDO ALLOWING AND APPROVING FOR PAYMENT DEMANDS PRESENTED ON DEMAND/ WARRANT REGISTER NO. 16-092

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

- 1. That the demands (EXHIBIT "A") as presented, having been duly audited, for completeness, are hereby allowed and approved for payment in the amounts as shown to designated payees and charged to the appropriate funds as indicated.
- 2. That the City Clerk shall certify to the adoption of this Resolution and deliver it to the City Treasurer.

PASSED, APPROVED, AND ADOPTED this 19th day of September, 2016.

Robert C. Gonzales, Mayor

ATTEST:

Elena G. Chávez, City Clerk

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss
CITY OF SAN FERNANDO)

I HEREBY CERTIFY that the foregoing Resolution was approved and adopted at a regular meeting of the City Council held on the 19th day of September, 2016, by the following vote to wit:

AYES:

NOES:

ABSENT:

Elena G. Chávez, City Clerk

EXHIBIT "A"

vchlist Page: 1
 09/14/2016 3:30:28PM Voucher List
 CITY OF SAN FERNANDO

Bank code : bank3

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202785	9/19/2016	891587 ABLE MAILING INC.	24419		MAILING-2015 WATER QUALITY REPOF 070-381-0000-4430	312.72
			24794	11406	FULFILLMENT; FOLD, INSERT-SEPT WA 072-360-0000-4300	74.28
				11406	070-382-0000-4300	74.28
			24795		STORAGE OF WATER ENV-AUG 2016 070-382-0000-4300	12.50
					072-360-0000-4300	12.50
					Total :	486.28
202786	9/19/2016	100066 ADS ENVIRONMENTAL SERVICES,INC	22101.22-0716	11439	JULY-FY16-17 UNSTALLATION AND MOI 072-360-0000-4260	1,555.00
			22101.22-0816	11439	AUG-FY16/17 UNSTALLATION AND MOI 072-360-0000-4260	1,555.00
					Total :	3,110.00
202787	9/19/2016	888356 ADVANCED AUTO REPAIR	1067		REPLACE P/S PUMP & HOSE-PK3325 041-320-0390-4400	317.17
					Total :	317.17
202788	9/19/2016	100070 ADVANCED ELECTRONICS INC.	80001913	11407	COMPUTER MAINTENANCE 001-135-0000-4260	6,761.57
					Total :	6,761.57
202789	9/19/2016	100098 AIRGAS SAFETY	9054330796		SAFETY WORK GLOVES 072-360-0000-4300	309.78
					Total :	309.78
202790	9/19/2016	887377 AKEMON, DOLORES	SEPT 2016		COMMISSIONER'S REIMBURSEMENT 001-310-0000-4111	50.00
					Total :	50.00
202791	9/19/2016	889043 ALADIN JUMPERS	082616		RENTAL OF TABLES & CHAIRS-LOPEZ, 001-424-0000-4260	60.00
					Total :	60.00

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vchlist Page: 2
 09/14/2016 3:30:28PM Voucher List
 CITY OF SAN FERNANDO

Bank code : bank3

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202792	9/19/2016	100143 ALONSO, SERGIO	AUG 2016		MMAPI INSTRUCTOR 004-2359	1,300.00
					Total :	1,300.00
202793	9/19/2016	100164 AMERICAN PLANNING ASSOCIATION	144992-1673		PLANNING ADVISORY SERVICES 001-150-0000-4380	795.00
					Total :	795.00
202794	9/19/2016	887270 AMERICAN TRANSPORTATION SYSTEM	56345		DAY CAMP FIELD TRIP-TRANSPORT SE 007-440-0443-4260	807.02
			56346		DAY CAMP FIELD TRIP-TRANSPORT SE 007-440-0443-4260	807.02
			56421		DAY CAMP FIELD TRIP-TRANSPORT 007-440-0443-4260	987.50
					Total :	2,601.54
202795	9/19/2016	100175 AMERICAN WATER WORKS ASSOC.	0001388441		SAFETY TRAINING TALKS 070-381-0000-4360	79.50
					Total :	79.50
202796	9/19/2016	890411 ARC DOCUMENT SOLUTIONS, LLC	8745900		CNG STATION-PLAN COPIES 010-310-3661-4600	78.02
			8745918		HIGH SPEED RAIL PLAN COPIES 001-310-0000-4300	158.15
			8793287		UWMP COPIES 070-385-0000-4600	224.17
			8793293		PACOIMA WASH BIKEWAY-PLAN COPIE 001-310-0000-4300	316.95
					Total :	777.29
202797	9/19/2016	100222 ARROYO BUILDING MATERIALS, INC	173665		SUPPLIES: MASON TWINE, PASTE FLU 001-311-0000-4300	21.72
					Total :	21.72
202798	9/19/2016	102530 AT & T	818-270-2203		NETWORK LINE 001-222-0000-4220	110.19
					Total :	110.19

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vchlist		Voucher List				Page:	3
09/14/2016	3:30:28PM	CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
202799	9/19/2016	889037 AT&T MOBILITY	875587443		MODEM-MESSAGE BOARD-07/25/16-08 001-310-0000-4220	68.92 Total : 68.92	
202800	9/19/2016	889942 ATHENS SERVICES	2321761	11440 11440	JULY-FY16-17 STREET SWEEPING SER 001-343-0000-4260	2,299.59 12,249.71	
			2470410	11440 11440	AUG-FY16-17 STREET SWEEPING SER 001-343-0000-4260	2,299.59 12,249.71	
			2538803	11440 11440	SEPT-FY16/17 STREET SWEEPING SEF 001-343-0000-4260	2,299.59 12,249.71	
					Total :	43,647.90	
202801	9/19/2016	890546 BARAJAS, CRYSTAL	AUG 2016		MMAP MENTOR INSTRUCTOR 001-424-0000-4430	270.00 Total : 270.00	
202802	9/19/2016	892014 BERNAL, DAVID	SEPT 2016		COMMISSIONER'S REIMBURSEMENT 001-310-0000-4111	50.00 Total : 50.00	
202803	9/19/2016	890838 BLUE TARP FINANCIAL	35925479		SAW BLADES 041-320-0000-4300	60.97	
			35932990		POWER CORD-PD5744 041-320-0226-4400	64.65	
			35939534		CNG DRAIN PAN 041-320-3661-4450	330.00	
					Total :	455.62	
202804	9/19/2016	889274 BOWDEN MORENO, LINDA	REIMB.		MILEAGE REIMBURSEMENT 001-420-0000-4390	32.64 Total : 32.64	
202805	9/19/2016	888800 BUSINESS CARD	080216		DAY CAMP FIELD TRIP DINNER TICKET 017-420-1399-4300	700.00	
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vchlist		Voucher List				Page:	4
09/14/2016	3:30:28PM	CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
202805	9/19/2016	888800 BUSINESS CARD	(Continued) 081116		FY16/17 MEMBERSHIP DUES 001-105-0000-4380	400.00	
			082216		DINNER-IN LIEU OF PER DIEM FOR 001-105-0000-4370	135.16	
			082216		LUNCH-IN LIEU OF PER DIEM FOR EXE 001-105-0000-4370	91.92	
			082316		LUNCH-IN LIEU OF PER DIEM FOR EXE 001-105-0000-4370	105.56	
			082316		DINNER-IN LIEU OF PER DIEM FOR 001-105-0000-4370	205.88	
			082416		LODGING & CONFERENCE ROOM-EXE 001-105-0000-4370	2,319.64	
			082816		DIGITAL VOICE RECORDER 001-222-0000-4300	84.75	
			083016		RADIUS MAPS & LABELS FOR CUP APF 001-190-0000-4267	247.32	
			AUG 2016		FINANCE CHARGES 001-190-0000-4450	182.31	
					Total :	4,472.54	
202806	9/19/2016	887810 CALGROVE RENTALS, INC.	67487		RENTAL OF CORE DRILL-RAILING REP 043-390-0000-4250	122.85 Total : 122.85	
202807	9/19/2016	100562 CALIFORNIA PARK & RECREATION	127560		CPRS MEMBERSHIP 001-420-0000-4380	145.00 Total : 145.00	
202808	9/19/2016	887264 CALPERS	100000014775711		ADMIN FEE (ARREARS-ZAVALA) 018-190-0000-4450	500.00 Total : 500.00	
202809	9/19/2016	103619 CARL WARREN & CO.	1772842		LEGAL FEES 006-190-0000-4800	375.00	
			1772843		LEGAL FEES 006-190-0000-4800	1,000.00	
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vchlist		Voucher List				Page:	5
09/14/2016 3:30:28PM		CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
202809	9/19/2016	103619 CARL WARREN & CO.	(Continued) 1772844		LEGAL FEES 006-190-0000-4800	1,000.00	
			1772845		LEGAL FEES 006-190-0000-4800	375.00	
			1772846		LEGAL FEES 006-190-0000-4800	1,750.00	
			1772847		LEGAL FEES 006-190-0000-4800	1,750.00	
			1772848		LEGAL FEES 006-190-0000-4800	1,750.00	
			1772849		LEGAL FEES 006-190-0000-4800	750.00	
						Total :	8,750.00
202810	9/19/2016	891860 CARL WARREN & COMPANY	10155-10175		REIMB.OF ITF ACCT (LIABILITY CLAIMS 006-1037	11,176.37	
						Total :	11,176.37
202811	9/19/2016	892147 CASTILLON, SALVADOR	33-0515-07		WATER ACCT REFUND-707 PICO 070-2010	67.25	
						Total :	67.25
202812	9/19/2016	887917 CHIASSON, COURTNEY JAMES	TRAVEL		PER DIEM-POST ACTIVE SHOOTER TR 001-225-0000-4360	160.00	
						Total :	160.00
202813	9/19/2016	101957 CITY OF LOS ANGELES	38SF170000004		FIRE SERVICE - OCT 2016 001-500-0000-4260	236,775.92	
						Total :	236,775.92
202814	9/19/2016	103029 CITY OF SAN FERNANDO	16898-16912 VOIDED CHECKS		REIMB. TO WORKERS COMP ACCT 006-1035 VARIOUS VOIDED STALE DATED CHEC 006-1035	13,211.83 -3,564.13	
						Total :	9,647.70
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202815	9/19/2016	100805 COOPER HARDWARE INC.	101733		MATL'S FOR VEHICLE LIFT INSTALL 041-320-3661-4450	7.40	
			101743		MATL'S FOR VEHICLE LIFT INSTALL 041-320-3661-4450	24.93	
			101758		MATL'S FOR VEHICLE LIFT INSTALL 041-320-3661-4450	8.47	
			101820		FLAG HARDWARE 001-341-0301-4300	40.16	
			101916		CLEANING SUPPLIES 029-335-0000-4300	59.11	
			101922		CLEANING SUPPLIES 029-335-0000-4300	24.05	
			101986		MATL'S FOR REPAIRS-MACLAY STREE' 001-311-0000-4300	38.65	
						Total :	202.77
202816	9/19/2016	891637 CPRS DISTRICT 14	0029		REGISTRATION-LEADERSHIP ACADEM 001-420-0000-4360	25.00	
						Total :	25.00
202817	9/19/2016	100514 CSMFO	NONPO		REGISTRATION FEE-CHAPTER MEETIN 001-130-0000-4380	40.00	
						Total :	40.00
202818	9/19/2016	889592 CUELLAR, JIMMY KYLE	AUG 2016		MMAP INSTRUCTOR 004-2359	900.00	
						Total :	900.00
202819	9/19/2016	891533 DEXMEDIA	720341884		DOMAIN REGISTRATION & E-MAIL HOS 001-190-0000-4220	56.73	
						Total :	56.73
202820	9/19/2016	887257 DILL VETERINARY HOSPITAL	106184		SPAY & NEUTER VOUCHER PROGRAM 001-150-0000-4270	20.00	
						Total :	20.00
202821	9/19/2016	100989 DOOLEY ENTERPRISES INC.	52977		AMMUNITION		
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202821	9/19/2016	100989 DOOLEY ENTERPRISES INC.	(Continued)	11432	001-222-0000-4300 001-222-0000-4300	11,091.59 0.01
Total :						11,091.60
202822	9/19/2016	892349 DORADO, OFELIA MORENO	33-3070-02		WATER ACCT REFUND-1112 CORONEL 070-2010	210.08
Total :						210.08
202823	9/19/2016	890879 EUROFINS EATON ANALYTICAL, INC	L0273291		WATER ANALYSIS FOLDERS 070-384-0000-4260	24.00
			L0276545		WATER ANALYSIS FOLDERS 070-384-0000-4260	175.00
			L0277023		WATER ANALYSIS FOLDERS 070-384-0000-4260	139.60
			L0277024		WATER ANALYSIS FOLDERS 070-384-0000-4260	50.00
			L0277080		WATER ANALYSIS FOLDERS 070-384-0000-4260	139.60
			L0277086		WATER ANALYSIS FOLDERS 070-384-0000-4260	139.60
			L0278297		WATER ANALYSIS FOLDERS 070-384-0000-4260	164.00
			L0278298		WATER ANALYSIS FOLDERS 070-384-0000-4260	139.60
			L0278309		WATER ANALYSIS FOLDERS 070-384-0000-4260	139.60
			L0278672		WATER ANALYSIS FOLDERS 070-384-0000-4260	139.60
			L0278675		WATER ANALYSIS FOLDERS 070-384-0000-4260	139.60
			L0278677		WATER ANALYSIS FOLDERS 070-384-0000-4260	139.60
			L0278684		WATER ANALYSIS FOLDERS 070-384-0000-4260	164.00
Total :						1,693.80

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202824	9/19/2016	890897 EVAN BROOKS ASSOCIATES, INC	16008-1	11426	JULY-SAFE ROUTES TO SCHOOL MAST 010-310-0687-4270	5,335.00
			16009-1	11426	AUG-SAFE ROUTES TO SCHOOL MAST 010-310-0687-4270	6,250.00
Total :						11,585.00
202825	9/19/2016	103851 EVERSOFIT, INC.	R1604648		SOFTNER-WELL 2A 070-384-0000-4260	217.74
			R1604649		SOFTNER-WELL 4A 070-384-0000-4260	146.85
Total :						364.59
202826	9/19/2016	892269 FACKLER, JADE	07/30/16 - 09/02/16		EXERCISE INSTRUCTOR (CYCLING) 017-420-1337-4260	20.00
Total :						20.00
202827	9/19/2016	891622 FARMER BROTHERS	64239696		BREAKROOM SUPPLIES 001-222-0000-4300	203.68
Total :						203.68
202828	9/19/2016	101147 FEDEX	5-532-89426		COURIER SERVICE 001-190-0000-4280	87.25
Total :						87.25
202829	9/19/2016	892267 FIERRO, NANCY	07/30/16 - 09/02/16		ZUMBA INSTRUCTOR 017-420-1337-4260	100.00
Total :						100.00
202830	9/19/2016	892198 FRONTIER COMMUNICATIONS	209-150-5145-010598		PAC 50 TO SHERRIFFS 001-222-0000-4220	572.25
			209-150-5250-081292		RADIO REPEATER 001-222-0000-4220	46.19
			209-150-5251-040172		MWD METER 070-384-0000-4220	46.19
			209-151-4939-102990		MUSIC CHANNEL 001-190-0000-4220	42.03
			209-151-4941-102990		POLICE PAGING	

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202830	9/19/2016	892198 FRONTIER COMMUNICATIONS	(Continued)			
			209-151-4943-081292		001-222-0000-4220 RADIO REPEATER	47.04
			209-188-4361-031792		001-222-0000-4270 RCS PHONE LINES	46.19
			209-188-4362-031792		001-420-0000-4220 PD MAJOR PHONE LINES	100.68
			209-188-4363-031892		001-222-0000-4220 VARIOUS PHONE LINES	852.80
					001-190-0000-4220 070-384-0000-4220 001-420-0000-4220	70.64 212.77 241.67
			818-361-0901-051499		SEWER FLOW MONITOR	
			818-361-3958-091407		072-360-0000-4220 CNG STATION	54.75
			818-361-6728-080105		041-320-3661-4220 ENGINEERING FAX	47.03
			818-837-1509-032207		001-310-0000-4220 PW PHONE LINE	28.96
			818-838-1841-112596		001-190-0000-4220 ENGINEERING FAX MODEM	23.40
			818-838-4969-021803		001-310-0000-4220 PD ALARM PANEL	29.25
					001-222-0000-4220	106.06
					Total :	2,567.90
202831	9/19/2016	891885 GANIR-MARTINEZ, ARLENE	07/30/16 - 09/02/16		YOGA INSTRUCTOR 017-420-1337-4260	60.00
					Total :	60.00
202832	9/19/2016	889532 GILMORE, REVA.A.	08/20/16 - 09/02/16		FOOD SERVICE MANAGER 115-422-3750-4270 115-422-3752-4270	533.00 123.50
					Total :	656.50
202833	9/19/2016	892200 GM SAGER CONSTRUCTION CO.	35555	11445	STREET MAINTENANCE 011-311-0558-4260	4,300.00

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202833	9/19/2016	892200 892200 GM SAGER CONSTRUCTION CO.	(Continued)			Total : 4,300.00
202834	9/19/2016	891664 GOLDEN TOUCH CLEANING, INC	62998	11437	JULY JANITORIAL SERVICES CONTRA 043-390-0000-4260	14,140.50
					Total :	14,140.50
202835	9/19/2016	889535 GOMEZ, GILBERT	08/20/16 - 09/02/16		HDM DRIVER 115-422-3752-4270 115-422-3752-4390	189.00 46.80
					Total :	235.80
202836	9/19/2016	887411 GONZALEZ, LUIS	082016		MUSIC FOR LP CLUB DANCE ON 09/17/ 004-2380	900.00
					Total :	900.00
202837	9/19/2016	101376 GRAINGER, INC.	9202570744		REPL VALVES - CNG STATION 041-320-3661-4400	1,517.87
			9206025323		SUPPLIES; TRASH GRABBERS & FLUO 043-390-0000-4300	222.14
			920798213		TOOLS FOR WATER 4 & VAN 070-383-0000-4340 070-384-0000-4340	259.42 94.07
			9211930830		MATL'S FOR RESTROOM REPAIRS-RE 043-390-0000-4300	132.36
			9212695697		SUPPLIES: GLOVES, PAD LOCKS 043-390-0000-4300	55.67
					Total :	2,281.53
202838	9/19/2016	101434 GUZMAN, JESUS ALBERTO	AUG 2016		MMAP INSTRUCTOR 004-2360	2,600.00
					Total :	2,600.00
202839	9/19/2016	888646 HD SUPPLY WATER WORKS, LTD	F735219	11442	INVENTORY SUPPLY PURCHASES 070-383-0301-4300	713.37
			F843873	11442	INVENTORY SUPPLY PURCHASES 070-383-0301-4300	2,452.51
			F849398	11442	INVENTORY SUPPLY PURCHASES 070-383-0301-4300	763.56

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202839	9/19/2016	888646 HD SUPPLY WATER WORKS, LTD	(Continued) F910355		INVENTORY SUPPLY PURCHASES 070-383-0301-4300	250.43	
			F918452	11442	INVENTORY SUPPLY PURCHASES 070-383-0301-4300	486.78	
			F993179	11442	INVENTORY SUPPLY PURCHASES 070-383-0301-4300	1,025.47	
			F993322	11442	INVENTORY SUPPLY PURCHASES 070-383-0301-4300	816.38	
					Total :	6,508.50	
202840	9/19/2016	101512 HDL, COREN & CONE	0023160-IN		AUDIT SERVICES-2015/2016 UNSECUR 001-130-0000-4270	1,225.42	
					Total :	1,225.42	
202841	9/19/2016	891993 HERNANDEZ, ALBINO	07/30/16 - 09/02/16		EXERCISE INSTRUCTOR (TOTAL BODY 017-420-1337-4260	140.00	
			07/31/16 - 09/02/16		EXERCISE INSTRUCTOR (STRENGTH & 017-420-1337-4260	120.00	
					Total :	260.00	
202842	9/19/2016	891926 IMPACT BASKETBALL INC.	090116		REFEREE & SCORE KEEPER SVS FOI 017-420-1328-4260	668.00	
				11414	Total :	668.00	
202843	9/19/2016	891570 INNOVATIVE TELECOM. SYSTEMS	1885		TELEPHONE EQUIPMENT MAINT-OCT 001-190-0000-4260	395.00	
					Total :	395.00	
202844	9/19/2016	101647 INTERSTATE BATTERY	30069029		BATTERY FOR FLEET 041-1215	113.83	
					Total :	113.83	
202845	9/19/2016	891777 IRRIGATION EXPRESS	15059495-00		CAP T FOR IRRIGATION 001-311-0000-4300	7.29	
			15061260-00		LOPEZ HOUSE IRRIG REPAIR 043-390-0000-4300	18.78	
					Total :		
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202845	9/19/2016	891777 IRRIGATION EXPRESS	(Continued) 15062318-00		IRRIGATION REPAIRS-LP PARK 043-390-0000-4300	39.64	
			15062585-00		IRRIGATION VALVE REPAIRS-CITY HAL 043-390-0000-4300	87.37	
			15062896-00		IRRIGATION REPAIRS-PIONEER PARK 043-390-0000-4300	85.33	
					Total :	238.41	
202846	9/19/2016	889320 IWATER, INC.	7560		SOFTWARE SYSTEM FOR NEW VALVIN 070-385-0857-4600	11,748.00	
				11389	Total :	11,748.00	
202847	9/19/2016	887952 J. Z. LAWNMOWER SHOP	16958		FERTILIZER 043-390-0000-4300	6.00	
			16960		EQUIP MAINT 043-390-0000-4300	47.49	
			16961		EQUIP MAINT 043-390-0000-4300	46.76	
					Total :	100.25	
202848	9/19/2016	889680 JIMENEZ LOPEZ, JUAN MANUEL	AUG 2016		MMAPI INSTRUCTOR 004-2360	700.00	
					Total :	700.00	
202849	9/19/2016	101764 KEYSTONE UNIFORM DEPOT	062827		FLASHLIGHT & HOLDER 001-222-0000-4300	272.34	
					Total :	272.34	
202850	9/19/2016	891738 KNIGHT COMMUNICATIONS INC	2010712		SEPT- IT MANAGEMENT 001-135-0000-4270	10,000.00	
				11399	Total :	10,000.00	
202851	9/19/2016	892032 KUHFUSS, DESIREE	07/30/16 - 09/02/16		MAT PILATIES INSTRUCTOR 017-420-1337-4260	80.00	
					Total :	80.00	
202852	9/19/2016	889095 LAFD - C.U.P.A.	IN0254399		HAZMAT INVENTORY-13180 DRONFIEL		
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202852	9/19/2016	889095 LAFD - C.U.P.A.	(Continued)		070-381-0000-4450	327.00		
			IN0256457		HAZMAT PERMIT FEE - 120 MACNEIL			
					072-360-0000-4260	2,354.00		
					Total :	2,681.00		
202853	9/19/2016	101852 LARRY & JOE'S PLUMBING	2694740-0001-02		MATL'S FOR PD PLUMBING REPAIRS	97.94		
			2694789-0001-02		043-390-0000-4300			
					ADAPTERS, SOLDER & FLUX	64.66		
					070-383-0301-4300			
					Total :	162.60		
202854	9/19/2016	889118 LDI COLOR TOOLBOX	1043436		COPIES & MAINT CONTRACT			
					001-135-0000-4260	363.43		
					Total :	363.43		
202855	9/19/2016	101920 LIEBERT CASSIDY WHITMORE	1426080		LEGAL SERVICES			
			1426081		001-112-0000-4270	3,262.00		
					LEGAL SERVICES			
					001-112-0000-4270	224.00		
					Total :	3,486.00		
202856	9/19/2016	102003 LOS ANGELES COUNTY	RE-PW-16081101028	11292	INDUSTRIAL WASTE CHARGES			
			RE-PW16081101148	11390	072-360-0000-4450	5,627.01		
					CATCH BASIN RETROFIT			
					070-384-0842-4260	1,288.20		
					Total :	6,915.21		
202857	9/19/2016	100886 LOS ANGELES DAILY NEWS	0010827086		LEGAL PUBL. FOR PROJ ON 614-620 C			
			0010827101		001-2205	612.30		
			0010831677		LEGAL PUBL. ZONE TEXT ADMENDMEI			
					001-150-0000-4230	453.20		
			0010836208		LEGAL PUBL. ZONE TEXT ADMENDMEI			
					001-150-0000-4230	526.30		
			0010836208		LEGAL PUBL. CUP AT 1445 CELIS ST			
					001-2205	1,061.65		
			0010836238		LEGAL PUBL. CUP AT 1218 FOURTH			
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202857	9/19/2016	100886 LOS ANGELES DAILY NEWS	(Continued)		001-2205	1,010.05		
					Total :	3,663.50		
202858	9/19/2016	892352 LOS CAMARONES	100		FRESH FRUIT CUPS			
					001-424-0000-4300	200.00		
					Total :	200.00		
202859	9/19/2016	102051 M & M LANDSCAPE	7091		UPPER & LOWER RES-PROPERTY CLI			
					070-384-0000-4260	700.00		
					Total :	700.00		
202860	9/19/2016	890841 MACIAS, ARTHUR	REPL CK 99164		REPL STL DTD CK-YOUTH BASKETBAL			
					017-2140	130.00		
					Total :	130.00		
202861	9/19/2016	889533 MARTINEZ, ANITA	08/20/16 - 09/02/16		FOOD SERVICE INTAKE CLERK			
					115-422-3750-4270	220.50		
					Total :	220.50		
202862	9/19/2016	888242 MCI COMM SERVICE	7DK54968		MTA PHONE LINES			
					007-440-0441-4220	33.63		
					Total :	33.63		
202863	9/19/2016	891054 MEJIA, YVONNE G	AUG 2016		COMMISSIONER'S REIMBURSEMENT			
					001-115-0000-4111	50.00		
					Total :	50.00		
202864	9/19/2016	892348 MENENDEZ, ELVIN	33-1175-03		WATER ACCT REFUND-623 HOLLISTER			
					070-2010	95.07		
					Total :	95.07		
202865	9/19/2016	892140 MICHAEL BAKER	950314	11323	FULL SERVICE ADMINISTRATION AND I			
					026-311-0138-4270	3,172.50		
					Total :	3,172.50		
202866	9/19/2016	102226 MISSION LINEN & UNIFORM	503170893		LAUNDRY			
					001-225-0000-4350	86.32		
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202866	9/19/2016	102226 MISSION LINEN & UNIFORM	(Continued) 503198297		LAUNDRY 001-225-0000-4350	89.40	
			503217442		LAUNDRY 001-225-0000-4350	72.68	
			503254033		LAUNDRY 001-225-0000-4350	62.73	
					Total :	311.13	
202867	9/19/2016	102264 MORA, RODRIGO	REIMB.		REIMB OF PYMNT-WATER DISTRIB. OP 070-381-0000-4360	100.00	
					Total :	100.00	
202868	9/19/2016	889611 MORRISON MANAGEMENT SPECIALIST	1884520168310124		LP SENIOR MEALS - AUG 2016 001-422-3750-4260 001-422-3752-4260 115-422-3750-4260 115-422-3752-4260	1,035.00 558.00 3,690.00 2,079.00	
					Total :	7,362.00	
202869	9/19/2016	102303 NACHO'S ORNAMENTAL SUPPLY	INV104861		MATL'S FOR TRELIS REPAIR @ CITY H 043-390-0000-4300	58.63	
					Total :	58.63	
202870	9/19/2016	891355 NAREZ, FABIAN	AUG 2016		MMAP MENTOR INSTRUCTOR 001-424-0000-4430	255.00	
					Total :	255.00	
202871	9/19/2016	887553 NATIONAL TRAINING CONCEPTS	16-59		REGSTR-POST ACTIVE SHOOTER TRA 001-225-0000-4360	495.00	
					Total :	495.00	
202872	9/19/2016	102403 NOW IMAGE PRINTING	6152		UTILITY BILLING WINDOW & RETURN E 070-382-0000-4300 072-360-0000-4300	1,042.99 1,042.99	
					Total :	2,085.98	
202873	9/19/2016	102423 OCCU-MED, INC.	0816901		(3) PRE-EMPLOYMENT PHYSICALS		
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202873	9/19/2016	102423 OCCU-MED, INC.	(Continued)		001-106-0000-4270	1,915.00	
					Total :	1,915.00	
202874	9/19/2016	102432 OFFICE DEPOT	1976083218		OFFICE SUPPLIES 001-422-0000-4300	339.04	
			1977075673		OFFICE SUPPLIES 001-222-0000-4300	79.04	
			847270193001		OFFICE SUPPLIES 001-422-0000-4300	205.26	
			853468741001		OFFICE SUPPLIES 001-420-0000-4300	237.45	
			858542235001		HP TONERS 001-222-0000-4300	104.01	
			858542515001		TONERS 001-222-0000-4300	179.80	
			858875341001		COPY PAPER 001-222-0000-4300	259.52	
			860077560001		OFFICE SUPPLIES 001-423-0000-4300	142.24	
			860077561001		OFFICE SUPPLIES 001-423-0000-4300	8.20	
			860365642001		OFFICE SUPPLIES 001-222-0000-4300	113.39	
			860365737001		CHAIRMATS 001-222-0000-4300	776.62	
			861057263001		OFFICE SUPPLIES 001-222-0000-4300	94.39	
			861370900001		OFFICE SUPPLIES 001-222-0000-4300	21.12	
			861370999001		OFFICE SUPPLIES 001-222-0000-4300	190.56	
					Total :	2,750.64	
202875	9/19/2016	890095 O'REILLY AUTOMOTIVE STORES INC	4605-205316		WATER PUMP-PW3241 029-335-0000-4400	62.47	
			4605-207278		OIL & FUEL FILTERS		
						Page: 16	

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Bank code : bank3								
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount		
202875	9/19/2016	890095 O'REILLY AUTOMOTIVE STORES INC	(Continued)		041-1215	132.90		
			4605-207279		FUEL FILTERS			
					041-1215	12.57		
					Total :	207.94		
202876	9/19/2016	892350 OSORIO, YURI	39-2925-09		WATER ACCT RFUND-1243 MOTT	33.90		
					070-2010			
					Total :	33.90		
202877	9/19/2016	890004 PACIFIC TELEMAGEMENT SERVICE	865061		PD PAY PHONE-OCT 2016	62.64		
					001-190-0000-4220			
					Total :	62.64		
202878	9/19/2016	102506 PANTOJA, DANITZA	AUG 2016		COMMISSIONER'S REIMBURSEMENT	50.00		
					001-115-0000-4111			
					Total :	50.00		
202879	9/19/2016	891317 PCI	18104R.2	11362	STRIPING AND PAVEMENT MARKING M	35,404.95		
					011-311-0558-4600			
					Total :	35,404.95		
202880	9/19/2016	102624 PITNEY BOWES	1001523886		MAINT-FOLDING MACHINE -09/01/16-11	407.25		
					070-381-0000-4320	407.25		
					072-360-0000-4320			
					Total :	814.50		
202881	9/19/2016	887646 PLUMBERS DEPOT INC	PD-32337		TIGER TAIL W/ROPE & NOZZLE EXTEN	402.40		
					072-360-0000-4300			
					Total :	402.40		
202882	9/19/2016	102666 PREFERRED DELIVERY SYSTEMS INC	549-156		COURIER SERVICE	206.00		
					001-222-0000-4260			
					Total :	206.00		
202883	9/19/2016	891379 PROTECT YOUTH SPORTS	451920		BACKGROUND CHECK	20.95		
					017-420-1337-4260			
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Bank code : bank3								
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount		
202883	9/19/2016	891379 891379 PROTECT YOUTH SPORTS	(Continued)			20.95		
					Total :	20.95		
202884	9/19/2016	102779 RAMIREZ, THOMAS	AUG 2016		KARATE INSTRUCTOR	690.00		
					017-420-1326-4260			
					Total :	690.00		
202885	9/19/2016	892327 REXFORD INDUSTRIAL REALTY L.P.	56-0150-04		WATER ACCT REFUND-605 EIGHTH	150.00		
					070-2010			
					Total :	150.00		
202886	9/19/2016	891377 REYES, JOSE	08/20/16 - 09/02/16		HDM DRIVER	210.00		
					115-422-3752-4270	62.40		
					115-422-3752-4390			
					Total :	272.40		
202887	9/19/2016	891121 RIVERA, NICOLE	AUG 2016		MMAP MENTOR INSTRUCTOR	180.00		
					004-2360			
					Total :	180.00		
202888	9/19/2016	102858 RIVERSIDE COUNTY SHERIFF	TRAVEL		REGSTR-STC CORRECTIONS TRAININ	179.00		
					001-225-3688-4360			
					Total :	179.00		
202889	9/19/2016	887296 ROBLED0, OLIVIA	AUG 2016		COMMISSIONER'S REIMBURSEMENT	50.00		
					001-115-0000-4111			
					Total :	50.00		
202890	9/19/2016	892359 RODRIGUEZ, DESIREE	REIMB.		MILEAGE REIMBURSEMENT	22.90		
					001-420-0000-4390			
					Total :	22.90		
202891	9/19/2016	102922 ROTO-ROOTER	SF082707		PLUMBING REPAIRS @ LP PARK	734.00		
					043-390-0000-4330			
					Total :	734.00		
202892	9/19/2016	102930 ROYAL WHOLESALE ELECTRIC	8901-109899		RETURNED-MATL'S FOR VEHICLE LIFT	-85.60		
			8901-732907		041-320-3661-4450			
					MATL'S FOR VEHICLE LIFT INSTALL			
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Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
202892	9/19/2016	102930 ROYAL WHOLESALE ELECTRIC	(Continued)				
			8901-732925		041-320-3661-4450		152.39
			8901-732971		MAT'L'S FOR VEHICLE LIFT INSTALL		
					041-320-3661-4450		85.74
					MAT'L'S FOR VEHICLE LIFT INSTALL		
					041-320-3661-4450		20.66
					Total :		173.19
202893	9/19/2016	103010 SAM'S CLUB DIRECT, #0402814188546	6217		CAKE FOR CITY BIRTHDAY EVENT		149.77
					001-424-0000-4300		
					Total :		149.77
202894	9/19/2016	892266 SANTELLANO, KEIKO T.	07/30/16 - 09/02/16		ZUMBA INSTRUCTOR		
					017-420-1337-4260		100.00
					Total :		100.00
202895	9/19/2016	103184 SMART & FINAL	160334		ENP SUPPLIES		
					115-422-3750-4300		138.14
					Total :		138.14
202896	9/19/2016	890553 SMART SOURCE OF CALIFORNIA LLC	1395164		BLUE & GREEN WATER BILL STOCK		
					070-382-0000-4300		1,958.38
					072-360-0000-4300		1,958.37
					Total :		3,916.75
202897	9/19/2016	103202 SOUTHERN CALIFORNIA EDISON CO.	2-02-682-6982		ELECTRIC - 910 FIRST		
			2-21-082-3241		043-390-0000-4210		7,572.47
					ELECTRIC- VARIOUS LOCATIONS		
					029-335-0000-4210		1,590.60
					041-320-3661-4210		2,053.51
					043-390-0000-4210		9,301.20
					070-384-0000-4210		439.82
			2-33-746-5215		ELECTRIC - 190 PARK		
					027-344-0000-4210		431.72
					Total :		21,389.32
202898	9/19/2016	887239 SYLMAR LOCK & KEY & LOCKSMITH	12101		KEYS FOR PD JAIL		
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09/14/2016 3:30:28PM		CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
202898	9/19/2016	887239 SYLMAR LOCK & KEY & LOCKSMITH	(Continued)				
					001-222-0000-4300		29.98
					Total :		29.98
202899	9/19/2016	888946 TEKWERKS	16658	11443	AUG & SEPT-WEBSITE HOSTING AND I		
					001-135-0000-4260		1,600.00
					Total :		1,600.00
202900	9/19/2016	103205 THE GAS COMPANY	04232069007		GAS - 910 FIRST		
			04232069007		043-390-0000-4210		362.17
					GAS - 910 FIRST		
					043-390-0000-4210		54.29
			14328781316		GAS - 208 PARK (08/05/16-09/06/16)		
					043-390-0000-4210		39.58
					Total :		456.04
202901	9/19/2016	101528 THE HOME DEPOT CRC, ACCT#603532202490	1283476		CLEAN-UP SUPPLIES (LOT2N RESTRO		
			1970738		029-335-0000-4300		86.94
					SALT-WELL 2A		
					070-384-0301-4300		1,058.39
			2030785		SUPPLIES:DUCT TAPE,SOLVENT TRIM		
					001-311-0000-4300		219.38
			2573071		SMALL TOOLS-DRAIN REPAIR		
					043-390-0000-4340		109.88
			2573072		MAT'L'S FOR REPAIRS @ REC PARK		
					043-390-0000-4300		34.46
			3283470		CLEAN-UP SUPPLIES (LOT2N RESTRO		
					029-335-0000-4300		151.07
			4061660		BATTERIES		
					043-390-0000-4300		60.14
			4063176		SHOP VAC-MWD FILTERS & WELL SITE		
					070-384-0000-4340		171.70
					070-384-0000-4310		109.97
			62239		SMALL TOOLS		
					043-390-0000-4340		235.57
			62240		CLEAN-UP SUPPLIES (LOT2N RESTRO		
					029-335-0000-4300		75.66
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09/14/2016 3:30:28PM		CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
202901	9/19/2016	101528 THE HOME DEPOT CRC, ACCT#603532202490	(Continued) 6571928		MISC NUTS - VEHICLE LIFT INSTALL 041-320-3661-4450	13.49	
			72558		MATL'S FOR RAILING REPAIRS-CITY H	87.47	
			8581951		043-390-0000-4300 SUPPLIES;CAUTION TAPE, COOLER &	69.98	
			8773025		001-311-0000-4300 MATL'S FOR LANDSCAPING	652.91	
			9564675		043-390-0000-4340 PAINT & OTHER SUPPLIES-CITY HALL	182.81	
					043-390-0000-4300	Total :	3,319.82
202902	9/19/2016	103903 TIME WARNER CABLE	8448200540010328		CABLE-09/05/16-10/04/16 (CITY HALL)	89.96	
			8448200540222204		001-190-0000-4220 CABLE-08/29/16-09/28/16 (PW OPS)	94.19	
			8448202540010518		043-390-0000-4260 CABLE - 08/29/16-09/28/16 (REC PARK)	203.59	
					001-420-0000-4260	Total :	387.74
202903	9/19/2016	891311 TORRES, RITA	08/20/16 - 09/02/16		ENP SUBSTITUTE	94.50	
					115-422-3750-4270	10.50	
					115-422-3752-4270	Total :	105.00
202904	9/19/2016	103413 TRANS UNION LLC	08607510		CREDIT CHECKS	50.00	
					001-222-0000-4260	Total :	50.00
202905	9/19/2016	891103 TRITECH	PA0004758	11423	RMS AND FBR SOFTWARE	14,962.50	
					020-222-0000-4500	Total :	14,962.50
202906	9/19/2016	890998 TRUJILLO, RODOLFO	SEPT 2016		COMMISSIONER'S REIMBURSEMENT	50.00	
					001-310-0000-4111	Total :	50.00

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09/14/2016 3:30:28PM		CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
202907	9/19/2016	103463 U.S. POSTMASTER	SEPT 2016		FIRST CLASS POSTAGE-SEPT WATER	613.37	
					070-382-0000-4300	613.36	
					072-360-0000-4300	Total :	1,226.73
202908	9/19/2016	103445 UNDERGROUND SERVICE ALERT	820160673		(63) NEW USA DIGALERT TICKETS	94.50	
					070-381-0000-4260	Total :	94.50
202909	9/19/2016	888241 UNITED SITE SERVICES OF CA INC	114-4375768		PORTABLE TOILET RENTAL @ 501 FIR	589.36	
			114-4381880		043-390-0000-4260 PORTABLE TOILET RENTAL @ LAYNE F	406.34	
					043-390-0000-4260	Total :	995.70
202910	9/19/2016	103439 UPS	831954366		COURIER SERVICE	109.00	
					001-190-0000-4280	Total :	109.00
202911	9/19/2016	890076 URBAN RESTORATION GROUP	00016477		PARTS FOR PRESSURE WASHER	96.34	
					001-152-0000-4300	Total :	96.34
202912	9/19/2016	103534 VALLEY LOCKSMITH	3603		LOCKSMITH SERVICE	121.30	
			3755		001-420-0000-4260 REPAIR OF REMOTE CONTROLS, KEY	223.38	
					043-390-0000-4300	Total :	344.68
202913	9/19/2016	103550 VANICEK, JAMES	TRAVEL		PER DIEM-STC CORRECTIONS TRAINII	175.00	
					001-225-3688-4360	Total :	175.00
202914	9/19/2016	892268 VEDDER, CATHERINE	07/30/16 - 09/02/16		ZUMBA INSTRUCTOR	100.00	
					017-420-1337-4260	Total :	100.00
202915	9/19/2016	100101 VERIZON WIRELESS-LA	270693253		PLANNING CELL PHONE		

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Bank code :		bank3						
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount		
202915	9/19/2016	100101 VERIZON WIRELESS-LA	(Continued)					
			561407019		001-140-0000-4220	5.40		
					CITY YARD CELL PHONE			
					070-384-0000-4220	138.95		
					001-130-0000-4220	-10.64		
					043-390-0000-4220	22.84		
					072-360-0000-4220	0.28		
					041-320-0000-4220	22.84		
			660629692		VARIOUS CELL PHONES			
					001-106-0000-4220	40.10		
					070-384-0000-4220	83.14		
			742084126		MDT MODEMS-PD UNITS			
					001-222-0000-4220	954.93		
			870422920		PD CELL PHONES			
					001-222-0000-4220	243.38		
					001-152-0000-4220	114.03		
					Total :	1,615.25		
202916	9/19/2016	889681 VILLALPANDO, MARIA	08/20/16 - 09/02/16		FOOD SERVICE WORKER			
					115-422-3750-4270	367.50		
					115-422-3752-4270	52.50		
					Total :	420.00		
202917	9/19/2016	890970 WEX BANK	46657114		FUEL FOR FLEET			
					041-320-0152-4402	536.71		
					041-320-0221-4402	260.02		
					041-320-0224-4402	736.44		
					041-320-0222-4402	158.32		
					007-313-3630-4402	1,863.64		
					027-344-0000-4402	112.37		
					029-335-0000-4402	266.44		
					070-381-0000-4402	50.41		
					070-382-0000-4402	126.54		
					070-383-0000-4402	861.42		
					070-384-0000-4402	223.87		
					072-360-0000-4402	305.78		
					041-320-0225-4402	3,975.42		
					Total :	12,692.86		
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Bank code :		bank3						
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount		
202917	9/19/2016	890970 WEX BANK	(Continued)					
					041-320-0226-4402	22.30		
					041-320-0228-4402	353.35		
					041-320-0311-4402	1,000.81		
					041-320-0312-4402	2.00		
					041-320-0320-4402	115.28		
					041-320-0346-4402	4.00		
					041-320-0370-4402	283.00		
					041-320-0371-4402	206.22		
					041-320-0390-4402	1,189.52		
					041-320-0420-4402	39.00		
					Total :	12,692.86		
202918	9/19/2016	889491 WILLDAN FINANCIAL SERVICES	010-31914	11444	FY 2016-17 LANDSCAPING AND LIGHTI			
			010-32044	11298	027-344-0000-4260	2,500.00		
					USER FEE STUDY AND COST ALLOCAT			
					001-190-0000-4270	940.00		
					Total :	3,440.00		
202919	9/19/2016	889467 YOUNGBLOOD & ASSOCIATES	2321A		POLYGRAPH EXAM			
					001-222-0000-4260	200.00		
					Total :	200.00		
202920	9/19/2016	888682 ZOBEL-RODRIGUEZ, ANGELIQUE Y.	AUG 2016		COMMISSIONER'S REIMBURSEMENT			
					001-115-0000-4111	50.00		
					Total :	50.00		
136 Vouchers for bank code :		bank3		Bank total :		564,851.94		
136 Vouchers in this report				Total vouchers :		564,851.94		
Voucher Registers are not final until approved by Council.								
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Bank code : bank3

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202344	8/10/2016	889491 WILLDAN FINANCIAL SERVICES	00614390	11328	PROF SVCS FOR PEDESTRIAN HEAD F 011-371-3665-4270	298.19
Total :						298.19
202345	8/10/2016	100886 LOS ANGELES DAILY NEWS	0010811372		LEGAL PUBLICATION-HSIP PROJ 011-371-3665-4270	3,248.20
Total :						3,248.20
202346	8/10/2016	892081 VERIZON BUSINESS SERVICES	69791014		MPLS PORT ACCESS & ROUTER-PD VE 001-222-0000-4220	1,035.16
Total :						1,035.16
202505	8/18/2016	891531 WILLDAN ENGINEERING	003-22139		ON CALL ENGINEERING SERVICES	
				11349	012-311-0560-4600	455.00
				11349	001-310-0000-4270	3,237.00
				11349	010-370-3636-4600	130.00
				11349	010-371-3665-4270	526.50
				11349	011-371-3665-4270	58.50
				11349	010-311-6676-4600	468.00
				11349	012-311-6674-4600	845.00
					070-384-0862-4260	260.00
				11349	010-310-3661-4600	65.00
				11349	032-311-0842-4270	1,105.00
Total :						7,150.00
202506	8/18/2016	891531 WILLDAN ENGINEERING	003-21892		ON CALL ENGINEERING SERVICES	
				11349	001-310-0000-4270	1,404.00
				11349	010-370-3636-4600	2,340.00
				11349	012-311-3636-4600	260.00
				11349	010-311-6676-4600	351.00
				11349	026-311-0138-4600	650.00
				11349	010-310-3661-4600	1,105.00
				11349	001-310-6673-4270	130.00
					010-371-3665-4270	351.00
					011-371-3665-4270	39.00
					032-311-0842-4270	65.00

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Bank code : bank3

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
202506	8/18/2016	891531 WILLDAN ENGINEERING	(Continued)		012-311-0560-4600	520.00	
					008-311-0557-4600	65.00	
Total :						7,280.00	
5 Vouchers for bank code :		bank3				Bank total :	19,011.55
5 Vouchers in this report					Total vouchers :	19,011.55	

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 CITY OF SAN FERNANDO

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202342	8/3/2016	102519 P.E.R.S.	DEMAND		HEALTH INSURANCE BENEFITS-2016 001-1160	128,986.06
Total :						128,986.06
202343	8/8/2016	100260 AVILA, FRANK	REIMB.		REIMB-ITEMS PURCHASED FOR PD TF 041-320-0226-4400	92.81
Total :						92.81
202501	8/11/2016	103648 CITY OF SAN FERNANDO	PR 8-12-16		REIMB. FOR PAYROLL W/E 8-5-16 & SP 001-1003 007-1003 008-1003 010-1003 011-1003 012-1003 017-1003 018-1003 026-1003 027-1003 029-1003 041-1003 043-1003 070-1003 072-1003	309,138.90 950.10 2,026.47 2,064.48 2,117.60 681.49 16,128.67 64,688.25 52.22 3,178.92 3,574.03 8,105.42 10,897.68 39,919.19 23,302.49
Total :						486,825.91
202502	8/12/2016	891035 SHERWOOD, NINA	16-Aug Replacement		CALPERS HEALTH REIMB 001-180-0000-4127	283.04
Total :						283.04
202503	8/17/2016	892332 LOS ANGELES REGIONAL	NONPO		WELL 7A REACTIVATION PROJ.-ANNUA 070-385-0857-4600	2,088.00
Total :						2,088.00
202504	8/18/2016	892313 VELASQUEZ, BERTA	392450 & 491764		SENIOR TRIP REFUND~ 004-2384	135.00

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 CITY OF SAN FERNANDO

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Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202504	8/18/2016	892313 892313 VELASQUEZ, BERTA	(Continued)			Total : 135.00
202507	8/22/2016	101988 LOS ANGELES COUNTY	082216		NOTICE OF INTENT FEE- CUP2013-005 001-150-0000-4230	75.00
Total :						75.00
202508	8/22/2016	101988 LOS ANGELES COUNTY	082216-2		NOTICE OF INTENT FEE-CUP 2013-006 001-150-0000-4230	75.00
Total :						75.00
202509	8/24/2016	890907 DELTA DENTAL OF CALIFORNIA	DEMAND		DENTAL INSURANCE BENEFITS-AUGU: 001-1160	11,095.05
Total :						11,095.05
202510	8/24/2016	891230 DELTA DENTAL INSURANCE COMPANY	DEMAND		DENTAL INSURANCE BENEFITS-AUGU: 001-1160	293.70
Total :						293.70
202511	8/24/2016	103596 CALIFORNIA VISION SERVICE PLAN	DEMAND		OPTICAL INSURANCE BENEFITS-AUGL 001-1160	2,406.80
Total :						2,406.80
202512	8/24/2016	887627 STANDARD INSURANCE	DEMAND		LIFE INSURANCE BENEFITS-AUGUST 2 001-1160	3,564.34
Total :						3,564.34
202513	8/25/2016	103648 CITY OF SAN FERNANDO	PR 8-26-16		REIMB. FOR PAYROLL W/E 8-19-16 011-1003 012-1003 017-1003 018-1003 026-1003 027-1003 029-1003 041-1003 043-1003 070-1003 072-1003	1,066.10 977.63 5,569.50 63,490.89 156.63 3,179.34 4,254.02 7,960.62 10,128.00 40,625.46 24,483.75

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Voucher List
CITY OF SAN FERNANDO

Page: 3

Bank code : bank3

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202513	8/25/2016	103648 CITY OF SAN FERNANDO	(Continued)			
					001-1003	313,275.01
					007-1003	950.07
					008-1003	1,478.34
					010-1003	1,978.44
					Total :	479,573.80
202605	8/30/2016	891230 DELTA DENTAL INSURANCE COMPANY	DEMAND		DENTAL INSURANCE BENEFITS-JULY 2	
					001-1160	293.70
					Total :	293.70
14 Vouchers for bank code : bank3						Bank total : 1,115,788.21
14 Vouchers in this report						Total vouchers : 1,115,788.21

Voucher Registers are not final until approved by Council.

HANDWRITTEN CHECKS

vchlist Page: 1
 07/28/2016 10:31:44AM Voucher List
 CITY OF SAN FERNANDO

Bank code : bank3

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202251	8/1/2016	100091 AGORICHAS, JOHN	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	241.38
Total :						241.38
202252	8/1/2016	100286 BAKER, BEVERLY	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	451.46
Total :						451.46
202253	8/1/2016	891013 BRUNWIN, HERBERT	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	283.04
Total :						283.04
202254	8/1/2016	891015 CROOK, ROBERT	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	691.08
Total :						691.08
202255	8/1/2016	100916 DEIBEL, PAUL	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	283.04
Total :						283.04
202256	8/1/2016	891041 GARCIA, CONNIE	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	172.23
Total :						172.23
202257	8/1/2016	101781 KISHITA, ROBERT	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	172.23
Total :						172.23
202258	8/1/2016	101926 LILES, RICHARD	16-Aug		CALPERS HEALTH REIMB 070-180-0000-4127 072-180-0000-4127	250.16 250.15 500.31
Total :						500.31
202259	8/1/2016	891027 LOCKETT, JOANN	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	283.04
Total :						283.04

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 07/28/2016 10:31:44AM Voucher List
 CITY OF SAN FERNANDO

Bank code : bank3

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202260	8/1/2016	891028 MANTHEY, DONALD	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	691.08
Total :						691.08
202261	8/1/2016	102126 MARTINEZ, MIGUEL	16-Aug		CALPERS HEALTH REIMB 070-180-0000-4127	1,288.96
Total :						1,288.96
202262	8/1/2016	102483 OROZCO, ELVIRA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	195.98
Total :						195.98
202263	8/1/2016	891031 ORTEGA, JIMMIE	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	283.04
Total :						283.04
202264	8/1/2016	891032 OTREMBA, EUGENE	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	691.08
Total :						691.08
202265	8/1/2016	891354 RAMIREZ, ROSALINDA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	418.83
Total :						418.83
202266	8/1/2016	102940 RUIZ, RONALD	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	441.53
Total :						441.53
202267	8/1/2016	103121 SERRANO, ARMANDO	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	1,347.98
Total :						1,347.98
202268	8/1/2016	891046 VANAALST, LEONILDA	16-Aug		CALPERS HEALTH REIMB 070-180-0000-4127	172.23
Total :						172.23
202269	8/1/2016	891047 WATTS, HERBERT	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	172.23

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Voucher List
CITY OF SAN FERNANDO

Page: 3

Bank code : bank3

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202269	8/1/2016	891047 891047 WATTS, HERBERT	(Continued)			Total : 172.23
19	Vouchers for bank code : bank3					Bank total : 8,780.75
19	Vouchers in this report					Total vouchers : 8,780.75

Voucher Registers are not final until approved by Council.

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HANDWRITTEN CHECKS

vchlist Page: 1
 07/28/2016 10:49:30AM Voucher List
 CITY OF SAN FERNANDO

Bank code : bank3

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202270	8/1/2016	100042 ABDALLAH, ALBERT	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	1,347.98 Total : 1,347.98
202271	8/1/2016	891039 AGUILAR, JESUS	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	469.46 Total : 469.46
202272	8/1/2016	100104 ALBA, ANTHONY	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	691.08 Total : 691.08
202273	8/1/2016	891011 APODACA-GRASS, ROBERTA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	691.08 Total : 691.08
202274	8/1/2016	100306 BARNARD, LARRY	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	1,017.00 Total : 1,017.00
202275	8/1/2016	100346 BELDEN, KENNETH M.	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	1,274.00 Total : 1,274.00
202276	8/1/2016	892233 BUZZELL, CAROL	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	195.98 Total : 195.98
202277	8/1/2016	891350 CALZADA, FRANK	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	516.96 Total : 516.96
202278	8/1/2016	100642 CASTRO, RICO	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	1,208.82 Total : 1,208.82
202279	8/1/2016	891014 CREEKMORE, CASIMIRA	16-Aug		CALPERS HEALTH REIMB	

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 CITY OF SAN FERNANDO

Bank code : bank3

Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount
202279	8/1/2016	891014 CREEKMORE, CASIMIRA	(Continued)		001-180-0000-4127	283.04 Total : 283.04
202280	8/1/2016	891016 DEATON, MARK	16-Aug		CALPERS HEALTH REIMB 070-180-0000-4127	500.31 Total : 500.31
202281	8/1/2016	100913 DECKER, CATHERINE	16-Aug		CALPERS HEALTH REIMB 070-180-0000-4127	691.08 Total : 691.08
202282	8/1/2016	100925 DELGADO, RALPH	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	516.96 Total : 516.96
202283	8/1/2016	892102 DOSTER, DARRELL	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	691.08 Total : 691.08
202284	8/1/2016	100996 DRAKE, JOYCE	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	571.49 Total : 571.49
202285	8/1/2016	100995 DRAKE, MICHAEL	16-Aug		CALPERS HEALTH REIMB 070-180-0000-4127 072-180-0000-4127	141.52 141.52 Total : 283.04
202286	8/1/2016	100997 DRAPER, CHRISTOPHER	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	1,288.96 Total : 1,288.96
202287	8/1/2016	101044 ELEY, JEFFREY	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	1,664.00 Total : 1,664.00
202288	8/1/2016	891040 FISHKIN, RIVIAN	16-Aug		CALPERS HEALTH REIMB	

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vchlist		Voucher List				Page:	3
07/28/2016 10:49:30AM		CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account		Amount
202288	8/1/2016	891040 FISHKIN, RIVIAN	(Continued)		001-180-0000-4127		172.23
						Total :	172.23
202289	8/1/2016	892103 GAJDOS, BETTY	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		172.23
						Total :	172.23
202290	8/1/2016	891351 GARCIA, DEBRA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,267.98
						Total :	1,267.98
202291	8/1/2016	891067 GARCIA, NICOLAS	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,042.36
						Total :	1,042.36
202292	8/1/2016	101318 GLASGOW, KEVIN	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,288.96
						Total :	1,288.96
202293	8/1/2016	891020 GLASGOW, ROBERT	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		317.00
						Total :	317.00
202294	8/1/2016	891021 GUIZA, JENNIE	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		283.04
						Total :	283.04
202295	8/1/2016	101415 GUTIERREZ, OSCAR	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		172.23
						Total :	172.23
202296	8/1/2016	891352 HADEN, SUSANNA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		962.66
						Total :	962.66
202297	8/1/2016	101440 HALCON, ERNEST	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,274.00
							Page: 3

vchlist		Voucher List				Page:	4
07/28/2016 10:49:30AM		CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account		Amount
202297	8/1/2016	101440 HALCON, ERNEST	(Continued)			Total :	1,274.00
202298	8/1/2016	891918 HARTWELL, BRUCE	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		691.08
						Total :	691.08
202299	8/1/2016	101465 HARVEY, DAVID	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		172.23
						Total :	172.23
202300	8/1/2016	101466 HARVEY, DEVERY MICHAEL	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,407.00
						Total :	1,407.00
202301	8/1/2016	892104 HERNANDEZ, ALFONSO	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,462.66
						Total :	1,462.66
202302	8/1/2016	891024 HOOKER, RAYMOND	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		541.91
						Total :	541.91
202303	8/1/2016	101538 HOUGH, RAY	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		516.96
						Total :	516.96
202304	8/1/2016	101597 IBRAHIM, SAMIR	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		469.46
						Total :	469.46
202305	8/1/2016	101694 JACOBS, ROBERT	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,274.00
						Total :	1,274.00
202306	8/1/2016	892105 KAHMANN, ERIC	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		716.06
						Total :	716.06
							Page: 4

vchlist		Voucher List				Page:	5
07/28/2016 10:49:30AM		CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account		Amount
202307	8/1/2016	101786 KLOTZSCHE, STEVEN	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		688.22
						Total :	688.22
202308	8/1/2016	891866 KNIGHT, DONNA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		172.23
						Total :	172.23
202309	8/1/2016	891026 LEWIS, DURWOOD	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		691.08
						Total :	691.08
202310	8/1/2016	891043 LIEBERMAN, LEONARD	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		172.23
						Total :	172.23
202311	8/1/2016	101933 LITTLEFIELD, LESLEY	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		691.08
						Total :	691.08
202312	8/1/2016	102059 MACK, MARSHALL	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,008.06
						Total :	1,008.06
202313	8/1/2016	891010 MAERTZ, ALVIN	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		469.46
						Total :	469.46
202314	8/1/2016	102206 MILLER, WILMA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		283.04
						Total :	283.04
202315	8/1/2016	102232 MIURA, HOWARD	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		283.04
						Total :	283.04
202316	8/1/2016	892106 MONTAN, EDWARD	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		688.22
							Page: 5

vchlist		Voucher List				Page:	6
07/28/2016 10:49:30AM		CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account		Amount
202316	8/1/2016	892106 892106 MONTAN, EDWARD	(Continued)			Total :	688.22
202317	8/1/2016	102365 NAVARRO, RICARDO A	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		516.96
						Total :	516.96
202318	8/1/2016	102473 ORDELHEIDE, ROBERT	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,608.97
						Total :	1,608.97
202319	8/1/2016	102486 ORSINI, TODD	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,347.98
						Total :	1,347.98
202320	8/1/2016	102569 PARKS, ROBERT	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,664.00
						Total :	1,664.00
202321	8/1/2016	891353 PEAVY, JOSEPH	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		716.06
						Total :	716.06
202322	8/1/2016	102527 PISCITELLI, ANTHONY	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		516.96
						Total :	516.96
202323	8/1/2016	891033 POLLOCK, CHRISTINE	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		574.00
						Total :	574.00
202324	8/1/2016	891034 RAMSEY, JAMES	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,267.98
						Total :	1,267.98
202325	8/1/2016	102864 RIVETTI, DOMINICK	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127		1,017.00
						Total :	1,017.00
							Page: 6

vchlist		Voucher List				Page:	7
07/28/2016 10:49:30AM		CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
202326	8/1/2016	102936 RUELAS, MARCO	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	1,500.81	Total : 1,500.81
202327	8/1/2016	891044 RUSSUM, LINDA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	172.23	Total : 172.23
202328	8/1/2016	890806 SALDIVAR, GEORGE	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	962.66	Total : 962.66
202329	8/1/2016	892107 SHANAHAN, MARK	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	716.06	Total : 716.06
202330	8/1/2016	891035 SHERWOOD, NINA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	283.04	Total : 283.04
202331	8/1/2016	103175 SKOBIN, ROMELIA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	1,072.50	Total : 1,072.50
202332	8/1/2016	103220 SOMERVILLE, MICHAEL	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	1,664.00	Total : 1,664.00
202333	8/1/2016	891045 TIGHE, HAROLD	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	469.46	Total : 469.46
202334	8/1/2016	103394 TORRES, RACHEL	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	283.04	Total : 283.04
202335	8/1/2016	888417 VALDIVIA, LAURA	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	541.91	
							Page: 7

vchlist		Voucher List				Page:	8
07/28/2016 10:49:30AM		CITY OF SAN FERNANDO					
Bank code : bank3							
Voucher	Date	Vendor	Invoice	PO #	Description/Account	Amount	
202335	8/1/2016	888417 888417 VALDIVIA, LAURA	(Continued)			541.91	Total : 541.91
202336	8/1/2016	891038 WAITE, CURTIS	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	949.95	Total : 949.95
202337	8/1/2016	891036 WATT, DAVID	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	691.08	Total : 691.08
202338	8/1/2016	891037 WEBB, NANCY	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	571.49	Total : 571.49
202339	8/1/2016	103643 WEDDING, JEROME	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	691.08	Total : 691.08
202340	8/1/2016	103727 WYSBEEK, DOUDE	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	283.04	Total : 283.04
202341	8/1/2016	103737 YNIGUEZ, LEONARD	16-Aug		CALPERS HEALTH REIMB 001-180-0000-4127	949.95	Total : 949.95
72 Vouchers for bank code : bank3						Bank total :	54,285.24
72 Vouchers in this report						Total vouchers :	54,285.24

Voucher Registers are not final until approved by Council.

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AGENDA REPORT

To: Mayor Robert C. Gonzales and Councilmembers

From: Elena G. Chávez, City Clerk

Date: September 19, 2016

Subject: Conflict of Interest Code – Biennial Review

RECOMMENDATION:

It is recommended that the City Council receive and file the 2016 Local Agency Biennial Notice (Attachment "A")

BACKGROUND:

The Political Reform Act (PRA) requires each city to review its conflict of interest code biennially. A conflict of interest code tells public officials, governmental employees, and consultants what financial interests they must disclose on their Statement of Economic Interests (Form 700). The completed biennial notice must be submitted to the City Council no later than October 3, 2016.

After performing the review and consulting with legal counsel, the proposed revisions to the code will be brought back to the City Council for review and action (proposed amendments must be adopted within 90 days).

BUDGET IMPACT:

None.

ATTACHMENT:

A. 2016 Local Agency Biennial Notice

2016 Local Agency Biennial Notice

Name of Agency: _____

Mailing Address: _____

Contact Person: _____ Phone No. _____

Email: _____ Alternate Email: _____

Accurate disclosure is essential to monitor whether officials have conflicts of interest and to help ensure public trust in government. The biennial review examines current programs to ensure that the agency's code includes disclosure by those agency officials who make or participate in making governmental decisions.

This agency has reviewed its conflict of interest code and has determined that *(check one BOX)*:

An amendment is required. The following amendments are necessary:

(Check all that apply.)

- Include new positions
- Revise disclosure categories
- Revise the titles of existing positions
- Delete titles of positions that have been abolished and/or positions that no longer make or participate in making governmental decisions
- Other *(describe)* _____

The code is currently under review by the code reviewing body.

No amendment is required. (If your code is over five years old, amendments may be necessary.)

Verification (to be completed if no amendment is required)

This agency's code accurately designates all positions that make or participate in the making of governmental decisions. The disclosure assigned to those positions accurately requires that all investments, business positions, interests in real property, and sources of income that may foreseeably be affected materially by the decisions made by those holding designated positions are reported. The code includes all other provisions required by Government Code Section 87302.

Signature of Chief Executive Officer

Date

All agencies must complete and return this notice regardless of how recently your code was approved or amended. Please return this notice no later than **October 3, 2016**, or by the date specified by your agency, if earlier, to:

(PLACE RETURN ADDRESS OF CODE REVIEWING BODY HERE)

PLEASE DO NOT RETURN THIS FORM TO THE FPPC.

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AGENDA REPORT

To: Mayor Robert C. Gonzales and Councilmembers

From: Brian Saeki, City Manager
By: Ismael Aguila, Recreation and Community Services Director

Date: September 19, 2016

Subject: Consideration to Accept and Appropriate the National Endowment for the Arts Grant Award to Support the City of San Fernando Mariachi Master Apprentice Program

RECOMMENDATION:

It is recommended that the City Council:

- a. Accept the National Endowment for the Arts Council Grant of \$55,000 to support the City's Mariachi Master Apprentice Program (MMAP) through September 30, 2017; and
- b. Adopt Resolution No. 7761 (Attachment "A") to increase the revenue and expenditures of Fiscal Year (FY) 2016-2017 Fund 109 budget by \$55,000.

BACKGROUND:

1. In 2000, Recreation and Community Services (RCS) Department staff conducted several meetings with the late Natividad "Nati" Cano, Director and Founder of Mariachi Los Camperos, to discuss the development of a quality youth apprenticeship program in the City of San Fernando to preserve mariachi music and traditions. The City began seeking grant funds to support the Mariachi Master Apprentice Program (MMAP).
2. In January 2001, MMAP began with grant funds from the National Endowment for the Arts (NEA).
3. On February 19, 2015, RCS staff submitted grant materials to the NEA Art Works: Arts Education Grant.
4. On November 10, 2015, the NEA tentatively recommended funding in the amount of \$55,000 to support the MMAP.

Consideration to Accept and Appropriate the National Endowment for the Arts Grant Award to Support the City of San Fernando Mariachi Master Apprentice ProgramPage 2 of 3

5. On April 26, 2016, the NEA announced the City was awarded \$55,000 in the Arts Education Discipline to support MMAP. (Attachment "B")

ANALYSIS:**Mariachi Master Apprentice Program**

MMAP connects grammy award winning mariachi masters with mariachi students to preserve the mariachi music genre. Instruction is on traditional mariachi instruments: violins, guitars, guitarrones, vihuelas, trumpets, and folk harp. Repertoire covers the traditional and popular mariachi music forms: sones, rancheras, huapangos, boleros, and polkas. The students, together with their instructors, also experience exemplary art works at international mariachi conferences and workshops throughout California and the southwest. This experience allows students to observe, study, and perform with the most prestigious mariachi ensembles in the world that includes: Mariachi Vargas de Tecalitlán, Mariachi Los Camperos de Nati Cano, and Mariachi Sol de Mexico.

The curriculum ingrains an empowering sense of self-confidence, pride, and identity, while providing an outlet for cultural expression in celebration of Mexican heritage. MMAP specific arts/music education outcomes include: 1) development, reinforcement, and application of student instrumental technique; 2) development, strengthening, and application of student musicianship skills; 3) enhancement of student solo and chorus singing skills; 4) performance of traditional and popular mariachi music before the public and with other professional ensembles; and 5) development and fostering of student professionalism and performance etiquette. The preceding is in accordance with the California Department of Education Music Standards.

Key Artist Instructors

The project distinguishes itself from other mariachi programs due to the involvement of Mariachi Los Camperos de Nati Cano. As Founder and Director of Mariachi Los Camperos and a recognized National Heritage Fellow, the late Mr. Cano (who passed away on October 3, 2014) had a career of 50 plus years for which he received prestigious awards and recognitions including the coveted Silvestre Vargas Award from Mexico and a US Artist Fellowship for his notoriety as an American artist.

The committed artists serving as MMAP instructors have provided a level of quality instruction not available in the community and have also received recognition for professionalism and artistry. As Musical Director for Mariachi Los Camperos, Jesus Guzman is carrying on the legacy of the late Mr. Nati Cano. Jesus Guzman is also an instructor for Ethnomusicology 91K, Music of Mexico, at the University of California, Los Angeles (UCLA). Sergio Alonso, the ensemble's harpist, earned his Bachelor's degree in Ethnomusicology from UCLA's School of the Arts and Architecture as well as a Master's degree in Education. Jimmy Cuellar is an accomplished

Consideration to Accept and Appropriate the National Endowment for the Arts Grant Award to Support the City of San Fernando Mariachi Master Apprentice ProgramPage 3 of 3

composer, arranger, and multi-instrumentalist performer. Juan Jimenez is considered one of today's finest guitarron players and is also a member of Mariachi Los Camperos.

National Endowment for the Arts (NEA)

The NEA's Art Works grant funding supports the creation of art that meets the highest standards of excellence, public engagement with diverse and excellent art, lifelong learning in the arts, and the strengthening of communities through the arts. NEA supported research has shown that students from low socioeconomic backgrounds who have arts-rich experiences are more likely to achieve key positive outcomes – academically, socially, and civically – compared with their peers who lack access to arts experiences.

Project Source of Funding

The yearly budget for MMAP is approximately \$125,600. The NEA grant provides funding to support 44% of all program costs (Attachment "C"). The total amount of the \$55,000 NEA grant will be expensed during the grant period of October 1, 2016 through September 30, 2017 to support instructor salaries, travel, and supplies.

BUDGET IMPACT:

There will be no impact to the FY 2016-2017 General Fund. Adoption of the attached Resolution No. 7761 for the National Endowment of the Arts grant in Fund 109 (Grant Fund) will ensure a balance of the revenue and expenditures for the project.

CONCLUSION:

It is recommended that the City Council accept the National Endowment for the Arts Grant Award of \$55,000 and adopt Resolution No. 7761 to increase the revenue and expenditures of FY 2016-2017 fund 109 budget by \$55,000. This funding will ensure that the City of San Fernando Mariachi Master Apprentice Program continues to provide instruction from Grammy award winning mariachi master musicians to youth in a program nationally recognized for excellence.

ATTACHMENTS:

- A. Resolution No. 7761
- B. National Endowment for the Arts Grant Announcement Listing
- C. Grant Summary Form

ATTACHMENT "A"**RESOLUTION NO. 7761****A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
SAN FERNANDO, CALIFORNIA, AMENDING THE BUDGET
FOR THE FISCAL YEAR 2016-2017 ADOPTED ON JUNE 29, 2016**

WHEREAS, the City of Council has received and considered the proposed adjustment to the budget for Fiscal Year 2016-2017, commencing July 1, 2016, and ending June 30, 2017; and

WHEREAS, the City Council has determined that it is necessary to amend the revenues and expenditures of the current City budget to accept the National Endowment for the Arts Council Grant of \$55,000 to support the City's Mariachi Master Apprentice Program (MMAP) through September 30, 2017; and

WHEREAS, an annual budget for the City of San Fernando for the Fiscal Year beginning July 1, 2016 and ending June 30, 2017, a copy of which is on file in the City Clerk's Office, has been adopted on June 29, 2016.

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

Section 1. The following adjustment is made to the City Budget:

Increase the revenue Fund 109 (Grant Fund) budget by \$55,000.

PASSED, APPROVED, AND ADOPTED this 19th day of September, 2016.

Robert C. Gonzales, Mayor

ATTEST:

Elena G. Chávez, City Clerk

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss
CITY OF SAN FERNANDO)

I HEREBY CERTIFY that the foregoing Resolution was approved and adopted at a regular meeting of the City Council held on the 19th day of September, 2016, by the following vote to wit:

AYES:

NOES:

ABSENT:

Elena G. Chávez, City Clerk

ATTACHMENT "B"

National Endowment for the Arts

Grant Award #16-5100-7054 Notification Listing



National Endowment for the Arts

City of San Fernando, California San Fernando, CA 91340-2911	(City of San Fernando)	16-5100-7054
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To support the Mariachi Apprentice Program, including after-school and weekend apprenticeships in Mexican mariachi. Musicians from Mariachi Los Camperos de Nati Cano will teach mariachi arrangements of "sones," "rancheras," "jarabes," "huapangos," and polkas, as well as performance skills at the local city park community center and school campus in San Fernando, California. Focusing on serving primary and secondary school students from underserved communities, the curriculum is intended to instill a sense of self-confidence, pride, and identity while providing an outlet for cultural expression, and celebrate the Mexican heritage that represents residents and surrounding communities.

Fiscal Year:	2016	Congressional District:	29	Grant Amount:	\$55,000
Category:	Art Works	Discipline:	Arts Education	Grant Period:	10/2016 - 09/2017

GRANT SUMMARY FORM

This form does not have to be typed. Legible handwritten printing is preferred.

GENERAL INFORMATION

GRANT TITLE National Endowment for the Arts Art Works: Art Education Grant	GRANT NO 16-5100-7054
	CFDA NO. 45.024

GENERAL DESCRIPTION OF GRANT WORK SCOPE
 To support the Mariachi Master Apprentice Program; a quality after school arts project that brings together music masters "Mariachi Los Camperos" with students in an instructional experience focusing on instrument, arrangement and performance skills.

GRANTING AGENCY NEA	AGENCY CONTACT Terry Liu	PHONE NO (202) 682-5690
RESPONSIBLE DEPARTMENT Rec. & Community Services	DEPARTMENT CONTACT Virginia Diediker	EXTENSION NO. 155
CITY COUNCIL APPROVAL DATE	APPLICATION DATE February 19, 2015	AWARD DATE , 2016
		ESTIMATED COMPLETION DATE September 30, 2017

GRANT COST AND REVENUE SUMMARY

PROGRAM COST SUMMARY	TOTAL	GRANT PORTION
Staffing Contract Services, Supplies	\$	\$
and Other Operating Expenditures	\$	\$
Capital Outlay Indirect Costs @	\$	\$
_____ % of Direct Costs	\$	\$
	\$	\$
TOTAL GRANT COSTS AND REVENUES	\$ 0.00	\$ 0.00

HOW WAS GRANT PORTION DETERMINED?
 In compliance with NEA Art Works: Arts Education Grant Requirements

IS A BUDGET AMENDMENT REQUEST REQUIRED?
 No Yes *If yes, it should be attached*

OTHER COMMENTS *Note any significant or unusual compliance requirements. Use reverse if necessary to provide additional information.*

Budget Amendment for increase to Revenue and Expenditures in Fund 109.
 Please see attachment for Grant Cost and Revenue Summary.

PREPARED BY	DATE

Source of Project Funding

The yearly budget for MMAP is approximately \$125,600. The NEA grant provides funding to support 44% of all program costs. The \$55,000 NEA grant will be expensed during the grant period of October 1, 2016 through September 30, 2017 to support instructor salaries, travel, and supplies.

NEA Grant	\$55,000	44%
Other Funding	\$24,000	18%
City of San Fernando	\$12,000	10%
Partner In-Kind	\$34,600	28%
Total Project Budget	\$125,600	

National Endowment for the Arts

Art Works: Arts Education

Proposed Budget FY 2016-2017

	NEA Request	Applicant Match	Total Project Budget
1. Artist Fees			
a. Residency Artists	\$35,000	\$20,000	\$55,000
2. Project Support Staff			
a. Project Assistant	\$3,000	\$3,000	\$6,000
3. Other Project Costs			
a. Travel (Out of State and CA	\$11,500	\$10,000	\$19,500
b. Recording Project Instruction	\$3,000	\$3,000	\$6,000
c. Project Assessment (Required NEA Cost)	\$2,500		\$2,500
TOTAL	\$55,000	\$36,000	\$91,000

Partner In-Kind \$34,600

Total \$125,600

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AGENDA REPORT

To: Mayor Robert C. Gonzales and Councilmembers

From: Brian Saeki, City Manager
By: Chris Marcarello, Deputy City Manager/Public Works Director
Fred Ramirez, Community Development Director

Date: September 19, 2016

Subject: Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

RECOMMENDATION:

It is recommended that the City Council:

- a. Receive and file the status update; and
- b. Provide City staff with direction regarding the current Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects (Attachment "A") that is set to expire on January 18, 2017.

BACKGROUND:

1. On January 19, 2016, the City Council conducted a Public Hearing and adopted Urgency Ordinance No. U-1650, establishing a temporary moratorium on the application filing, processing, approval and issuance of permits for Multiple-Family Dwelling Projects. The immediate purpose of the moratorium is to preserve the public peace, health and safety of the community within the meaning of Government Code Section 36937(b) as it relates to providing a reasonable time to study the City's aging infrastructure inclusive of sewer, streets, water, et cetera in order to determine the appropriate regulations inclusive of any applicable development fees that should be applied to future Multiple-Family Dwelling Projects, pursuant to Government Code Section 65858(b). As part of the Urgency Ordinance adoption, the City Council directed staff to review the current three (3) or more dwelling unit threshold that is currently applicable under the interim moratorium to Multiple-Family Dwelling Projects in order to determine if said threshold should be increased without creating a significant adverse environmental impact on the City's infrastructure.

Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

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2. On February 11, 2016, the City published the Notice of Public Hearing before the City Council on February 22, 2016 (Special Meeting), to consider adoption of an “Interim Ordinance Extending the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017” in the *Los Angeles Daily News*.
3. On February 16, 2016, the City made available this City Council report on the proposed moratorium extension, which describes the measures taken to alleviate the condition, which led to the adoption of Ordinance No. U-1652, pursuant to Government Code Section 65858(d). The report was posted on the City’s website at: www.sfcity.org.
4. On February 22, 2016, the City Council conducted a Public Hearing and adopted Urgency Ordinance No. U-1652, “An Urgency Ordinance of the City Council of the City of San Fernando Extending an Interim Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017”.

The Ordinance included a list of measures that will be undertaken to alleviate the conditions, which led to the adoption of the Urgency Ordinance as required by Government Code Section 65858(d). These measures included the following:

- A. “Since the adoption of Urgency Ordinance No. U-1650, City Public Works and Planning staff have begun to research and study the condition of the City’s infrastructure and to identify potential impacts to infrastructure related to new Multiple-Family Dwelling Projects under current zoning regulations and those contemplated under the proposed Corridors Specific Plan Update/TOD Overlay Zone Project.
- B. Planning Staff and the City’s planning consultant have begun preparation of the Program Environmental Impact Report (Program EIR) for the San Fernando Corridors Specific Plan Update to evaluate potential environmental impacts to the City’s infrastructure (i.e., sewer, water, streets, etc.) based on 20-year projections for new commercial, industrial, and residential development within the specific plan study/planning area.
- C. The Program EIR’s Notice of Preparation was circulated on December 21, 2015. A Scoping Meeting was held on January 7, 2016. City staff and the consultants are conducting the baseline studies for the Program EIR. It is anticipated that a draft of the Program EIR will be released for public review during the second quarter of 2016.
- D. In February, Public Works staff commenced a System-Wide Infrastructure – Development Impact Fee Study to analyze impacts of development on sewer, drainage, traffic, parks, government facilities, and police. The study is expected to take four to six months to complete, followed by consideration by the City Council.

Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

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- E. The Closed-Circuit Television (CCTV) inspection and cleaning of the City's sewer system has been completed and will be used to develop a list of point repairs and replacement of pipe segments. This year the CCTV data will be integrated into the City's Geographic Information System (GIS).
- F. The City Council has approved the purchase of a wastewater jetter vehicle to undertake maintenance and emergency removal of blockages in the wastewater system.
- G. This month, the City will initiate wet weather flow monitoring equipment at key locations to identify water infiltration (due to cracked pipes or manholes) and possible capacity issues.
- H. This month, the City will install overflow sensor equipment at key locations to provide alert notifications to prevent wastewater overflows.
- I. The City plans to install new pipe segments (both water and sewer) in conjunction with the resurfacing of 12 street segments.
- J. The City Council has approved the purchase of a water distribution vehicle to undertake maintenance and system improvements to water pipelines.
- K. Staff have commenced preparation of the 2015 Urban Water Management Plan as an update to the 2010 Urban Water Management Plan.
- L. The City will resurface 12 street segments. Six are planned for April 2016, and the rest will start in summer 2016.
- M. The City's participation in the Total Road Improvement Program is expected to be approved this spring 2016 and will expedite needed improvements to road and traffic infrastructure." (Excerpt from Urgency Ordinance No. U-1652.)

As part of the approval by the City Council, staff was directed to provide an update within six months or as soon as new information became available related to the City's efforts to study and address the aforementioned reasons that resulted in the need for the current moratorium on new multiple-family dwelling projects.

ANALYSIS:

Since the adoption of Urgency Ordinance No. U-1652, staff has completed the following actions in an effort to alleviate the conditions that led to the adoption of the Urgency Ordinance:

Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

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A. Street Resurfacing of Seven (7) Local Streets in Fiscal Year (FY) 2016 Budget

- The City is completing road improvements at seven (7) streets as part of the FY 2016 budget. These improvements are scheduled to be completed in late September 2016. (As part of these road projects, all utilities are reviewed and if necessary, improved, including water system infrastructure and waste water system infrastructure).

B. Design and Street Resurfacing of Eight (8) Local Streets in FY 2017 Budget

- The City is entering the design phase for road improvements at eight (8) streets as part of the FY 2017 budget. These improvements are scheduled to begin in spring 2017. (As part of these road projects, all utilities are reviewed and if necessary, improved, including water system infrastructure and waste water system infrastructure).

C. Financing Through the Total Road Improvement Program

- The City completed financing through the Total Road Improvement Program. As part of this program, certificates of participation were issued and will provide approximately \$2.7 million for local road improvements.

D. Closed Circuit Television Assessment (CCTV) and Maintenance of the Wastewater Infrastructure

- The City completed a CCTV assessment of all waste water lines in fall 2015. In addition, all lines were cleared of obstructions (tree roots, debris) to help provide for optimal system operations. Additionally, funds were included in the both the FY 2016 and FY 2017 budgets for regular overtime cleaning/jetting and system maintenance.

- **Wastewater System Flow Monitoring**

In early 2016, the City Council approved an amendment to its existing agreement with ADS Environmental Services Inc., to provide waste water flow monitoring services at several locations in the City. These locations include areas where wastewater enters the City from the City of Los Angeles and other key basin locations (Map Below and Full Size Map in Attachment "B"). Conducting flow monitoring allows the City to better analyze existing wastewater flow data and determine the best long-range plans for the City's wastewater system. This work is being undertaken in conjunction with ramped up cleaning and maintenance efforts that include use of the City's new wastewater jetter vehicle, which is used to undertake routine maintenance and/or emergency removal of potential blockages in the City wastewater system.

As part of the services agreement with ADS Environmental Services Inc., a full assessment of the wastewater system capacity was conducted, including the installation of flow monitoring equipment in key locations, ongoing flow monitoring site

Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

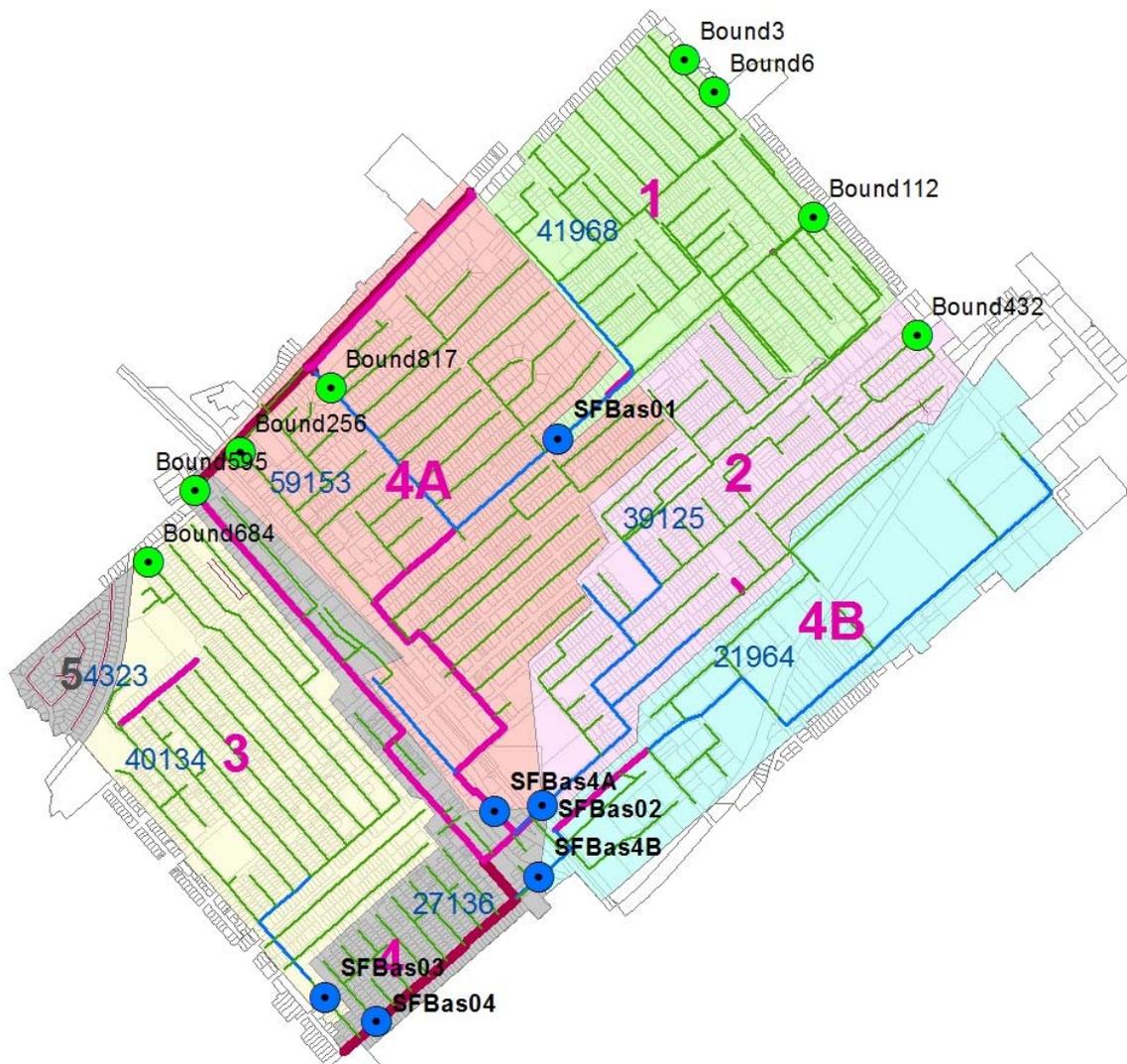
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assessment, ongoing equipment maintenance, data retrieval, and data reporting. This information has been compiled and provided in a report (Attachment "C").

- Monitoring Locations

Flow monitoring was conducted at six (6) boundary locations where wastewater enters the City from Los Angeles. Additionally, six (6) basin locations were established within the City's 2.4 square mile area. These basin locations help to identify capacity issues within specific areas of the City.

Flow Monitoring Locations Map



Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

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Flow Monitoring Locations/Boundaries

Location I.D.	Address Location	Approximate Basin Boundaries
Boundary Locations		
Bound 3	8 th Street/ Leach Street	N/A
Bound 6	8 ^t Street/ Lazard Street	N/A
Bound 112	8 th Street/ Harding Avenue	N/A
Bound 432	8 th Street/ Macneil Street	N/A
Bound 817	2024 4 th Street (Near Hubbard Street)	N/A
Bound 595	San Fernando Road/ Meyer Street	N/A
Basin Locations		
Basin 1 Northeast	614 Harding	Hubbard Ave, 8 th Street, Maclay Ave, Glenoaks Blvd
Basin 2 North-Central	Jessie St/ 1 st Street	Maclay Ave, 8 th St, Griswold Ave, 1 st St
Basin 3 Southeast	Wolfskill St/ O'Melveny St.	Hubbard Ave, San Fernando Rd, Brand Blvd, O'Melveny St
Basin 4 Business District, Southwest	Fox St/ Woodworth St	Hubbard Ave, Truman St, Fox St, Woodworth St
Basin 4A East	Truman St/ Wolfskill St	Hubbard Ave, Glenoaks Blvd, Maclay Ave, Truman Ave
Basin 04B Northwest	Fox St/ Ilex St	Griswold Ave, Foothill Blvd, Arroyo Ave, Ilex St

- **Data Collected**

Data is collected and is both transmitted remotely and verified by field personnel. Quality assurance of the data collected is confirmed regularly by field personnel to ensure consistency with measured statistics. At each monitoring location, ADS Environmental collected key site information, including pipe characteristics (size, materials), flow depth, flow velocity, and flow quantity.

Using this information, data is provided in “scatter graph” and hydrograph formats for each monitoring location. These graphs provide information about the wastewater pipe size, depth of flow relative to velocity, and total flow to infiltration. ADS Environmental also provides a daily report that specifies observed flow depths, velocity, and quantity of flow for each day during the monitoring period. ADS

Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

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Environmental utilizes generally accepted civil engineering standards to measure data and determine hydraulic conditions and capacities.

- **Findings**

Flow monitoring was conducted under normal conditions from May 11, 2016 to June 9, 2016. The quality and consistency of data collected is noted for each location and entered into generally accepted engineering equations to calculate the flow rate, depth of flow, and velocity for each location. Attachment "C" includes the full report and findings for each location.

Flow Monitoring Report Summary

Location I.D.	Address Location	Pipe Size (Inches)	Average Flow (Inches)	Average Capacity (%)	Maximum Flow (Inches)	Maximum Capacity (%)
Bound 3	8 th Street/ Leach St	8"	1.39"	17%	2.26"	28%
Bound 6	8t Street/ Lazard St	8"	1.16"	15%	1.62"	20%
Bound 112	8 th Street/ Harding Ave	8"	2.57"	32%	3.52"	44%
Bound 432	8 th Street/ Macneil	8"	1.76"	22%	2.42"	30%
Bound 817	4 th Street at	8"	1.14"	16%	1.87"	27%
Bound 595	San Fernando Rd/ Meyer St	14.88"	.51"	3%	.94"	6%
Basin 1 Northeast	614 Harding	10.13"	2.65"	26%	3.57"	35%
Basin 2 North-Central	Jessie/ 1 st Street	12"	2.48"	21%	3.11"	26%
Basin 3 Southeast	Wolfskill St/ O'Melveny St.	10.88"	3.07"	28%	5.17"	48%
Basin 4 Business District, Southwest	Fox St/ Woodworth St	18"	4.40"	24%	6.02"	33%
Basin 4A East	Truman St/ Wolfskill St	15"	3.61"	24%	5.39"	40%
Basin 04B Northwest	Fox St/Ilex St	12"	1.78"	15%	2.91"	24%

Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

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E. Completion of 2015 Urban Water Management Plan

- In June 2016, the City Council approved the 2015 UWMP. Based on studies contained in the UWMP, it is projected that the Sylmar groundwater basin will provide a firm yield of 3,570 acre-feet per year. In addition, the City is able to access imported water from Metropolitan Water District. The following supply/consumption data and projections were included as part of the plan:

Sources

Year	Groundwater (Acre Feet)	Additional Imported Water Sources - MWD (Acre Feet)	Total Sources (Acre Feet)
2015	3,570	3,442	7,012
2020	3,570	3,653	7,223
2040	3,570	4,091	7,661

**Projections based on UWMP, Table 5.3*

***The City has a preferential right of up to 0.1% of total imported water supplies from Metropolitan Water District.*

Consumption

Year	Consumption (Acre Feet)
2015	2,768
2020	3,753
2040	4,032

**Projections are based on State-required per capita figures for water usage. Per capita figures used are 134 gallons per day compared with 2015 actual per capita figures of 101 gallons per day.*

(2015 Urban Water Management Plan can be downloaded from the following City website address: <http://www.ci.san-fernando.ca.us/wp-content/uploads/2015/11/2015-Urban-Water-Mgmt-Plan-Final-1.pdf>.)

Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

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F. Development of Fee Studies, Including Revised Citywide Fee Schedule and Development Impact Fees (expected completion in early 2017).

- Citywide fee study updates are currently underway in order to ensure appropriate cost recovery for City services. The fee study will include both regular, ongoing fees for services and development impact fees to help mitigate the impact of new development on City infrastructure. Development impact fees will address categories such as traffic, parks, water facilities, wastewater facilities, and general government facilities, among others. Both studies are underway and it is expected that they will be ready for consideration by the City Council in early 2017.

G. TOD Overlay Zone Project/Corridors Specific Plan Amendment

- Approximately 90% of the work on the Specific Plan Amendment's development standards and design guidelines has been completed. The proposed amended specific plan language (including updated development standards and design guidelines) was presented to the Planning and Preservation Commission at their October 6, 2015 meeting. Subsequent to the Public Hearing and considering public comments received at said hearing, the Planning and Preservation Commission voted to direct staff to make the final edits to the proposed specific plan amended language and proceed with the preparation of the requirement environmental assessment (the Draft Environmental Impact Report or "Draft EIR").

H. Draft EIR Preparation

- On December 18, 2015, the City released the Notice of Preparation of the Draft EIR for the Project and on January 7, 2016 the City held the public scoping meeting to solicit public input. Soon thereafter with the new specific plan language in hand and public comments received by the City and consultant team, work began in earnest to prepare the Draft EIR and conduct the baseline studies including coordination and preparation of the traffic analysis, and water and sewer supply and capacity studies. The latter baseline studies included the 2016 Urban Water Management Plan, the Closed Circuit Television (CCTV) analysis of the City's entire sewer system, and the preparation of a 2016 Sewer Flow Monitoring Report. These infrastructure studies are key components driving the critical path for completion of the Draft EIR.

Between January 2016 and April 2016, Meridian Consultants (part of the Sargent Town Planning Project consultant team and lead environmental consultant) prepared the first round of EIR sections including: Introduction, Aesthetics, Cultural Resources, Land Use Planning, and Effects Not Found to be Significant. These were subsequently returned by the City with comments within two-three weeks.

Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

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On June 29, 2016, the City Council adopted the 2016 Urban Water Management Plan (UWMP). The 2016 UWMP was subsequently submitted to the Meridian Consultants for the review as part of the Draft EIR review of city utilities. In addition, the CCTV analysis and Sewer Flow Monitoring Report were made available to Meridian for their review.

On June 28, 2016, the City published a Request for Proposals (RFP) for Water Supply Assessment in compliance with Senate Bill (SB) 610 (Chapter 643, Statutes of 2001) and SB 211 (Chapter 642, Statutes of 2001) as these may apply for the Project. On July 11, 2016, the City received three bids and selected Meridian Consultants to prepare the Water Supply Assessment. Work initiated the week of August 8, 2016 with an anticipated time to complete a final Water Supply Assessment (WSA) of eight weeks, in mid to late-October 2016. The WSA includes the following elements:

- Whether the City's total projected water supplies available during normal, single dry, and multiple dry water years during a 20-year projection will meet the projected water demand of the proposed Project, in addition to existing and planned future uses, including agricultural and manufacturing uses.
- A comparison of current and projected supply and demand for normal, single dry, and multiple dry years. The WSA will make this comparison with and without the proposed Project demand so that the impact of the Project is clearly articulated.
- If the WSA concludes that its water supplies are or will be insufficient, the WSA will identify provide plans for acquiring additional water supplies, setting forth the measures that are being undertaken to acquire and develop those water supplies.
- The City, as lead agency, shall review the WSA and must decide whether additional water supply information is needed for its consideration of the proposed project. The City must include the water supply assessment in the Draft EIR prepared for the Project. The City may include in the environmental documentation an evaluation of the assessment, additional supply information and any related documents. The City shall determine, based on the entire record, whether projected water supplies will be sufficient to satisfy the demands of the project, in addition to existing and planned future uses. If the city determines that water supplies will not be sufficient, the City shall include that determination in its findings for the project.

In the interim, work is currently underway to complete the remaining sections of the Draft EIR (Round 2) including: the Executive Summary; Project Descriptions; Environmental Setting; Air Quality; Greenhouse Gas Emissions; Noise; Population and Housing; Public Services; Recreation; Transportation and Circulation; Utilities; Project Alternatives; Irreversible Environmental Changes; Growth Inducement; and Preparers

Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

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and References sections. The second round of EIR sections are slated for completion by early November 2016. Allowing approximately two weeks for City staff review, it is anticipated that the Draft EIR will be available for release in early to mid-December in order to initiate the state-mandated minimum 45-day public review period with a Public Hearing to solicit public comments soon thereafter.

The proposed public review period is projected to end in late-January 2017. Depending on the number of breadth of public comments received during the public review period it is projected that response to public comments and preparation of a Final EIR will take approximately 45 to 60 days; resulting in a Final Environmental Impact Report (Final EIR) completion in early to mid-March 2017.

Based on the projected completion date of the Final EIR in March 2017, City staff anticipates the Public Hearings for the Planning and Preservation Commission and the two City Council Meetings to occur in April 2017 (commission) and May-June 2017 (two City Council meetings to facilitate first and second readings of ordinance adoption the Specific Plan Amendment and Certifying the Final EIR).

CEQA Compliance

The status update regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects (Urgency Ordinance) and measures taken to alleviate the conditions, which led to the adoption of the Urgency Ordinance No. U-1652 are not considered a project Based on that assessment, the status update on the Urgency Ordinance and associated measure to alleviate conditions that led to the adoption of said Urgency Ordinance have been determined to be exempt from CEQA review pursuant to Title 14, Section 15378(5) of the California Code of Regulations.

BUDGET IMPACT:

The preparation of the status report to City Council on the Urgency Ordinance and related measures was included as part of the Fiscal Year 2016 and 2017 budgets.

CONCLUSION:

It is requested that the City Council provide further direction relative to the current Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects (Attachment "A") that is set to expire on January 18, 2017.

Update Regarding the Moratorium on the Application Filing, Processing, Approval and Issuance of Permits for Multiple-Family Dwelling Projects Through January 18, 2017 (City Council Urgency Ordinance No. U-1652)

Page 12 of 12

ATTACHMENTS:

- A. Urgency Ordinance No. U-1652
- B. 2016 San Fernando Meter Locations
- C. City of San Fernando Sewer Flow Monitoring Report 2016

URGENCY ORDINANCE NO. U-1652**AN URGENCY ORDINANCE OF THE CITY COUNCIL OF THE CITY OF SAN FERNANDO, CALIFORNIA, EXTENDING AN INTERIM MORATORIUM ON THE APPLICATION FILING, PROCESSING, APPROVAL AND ISSUANCE OF PERMITS FOR MULTIPLE-FAMILY DWELLING PROJECTS THROUGH JANUARY 18, 2017**

WHEREAS, California Constitution Article XI, Section 7, enables the City of San Fernando (the "City") to enact local planning and land use regulations; and

WHEREAS, the authority to adopt and enforce zoning regulations is an exercise of the City's police power to protect the public health, safety, and welfare; and

WHEREAS, the City desires to ensure that residential development occurs in an orderly manner, in accordance with the goals and objectives of the General Plan; and

WHEREAS, pursuant to California Government Code section 65580 et seq. (Housing Elements), the Regional Housing Need Assessment (RHNA) Allocation Plan—prepared by the Southern California Association of Governments and approved by the state Department of Housing and Community Development—has identified for the City of San Fernando a housing growth need of 217 units projected from 2014 to 2021; and

WHEREAS, based on existing and anticipated development, the City continues to make quantifiable progress toward achieving its assigned share of housing units; and

WHEREAS, the City's General Plan 2013-2021 Housing Element and 2005 San Fernando Corridors Specific Plan (the "Specific Plan") envision, among other things, residential development potential along major commercial corridors, in Zone R-3 (Multiple Family), and near the Metrolink Station, and the City is now in the process of updating the Specific Plan and preparing an environment impact report (EIR); and

WHEREAS, a Sanitary Sewer System Management Plan Report prepared for the City in 2013 identified the need for a System Evaluation and Capacity Assurance Plan to assess the hydraulic capacity of major sewers, and to develop and implement a sewer master plan; and in March of 2014, the City completed the *Final Report for the Sewer Master Plan*, which included goals to identify system deficiencies, needed upgrades based on current and future growth needs as well as mapping of said infrastructure, and a timeframe for developing a short and long-term Capital Improvement Program (CIP) to make said needed repairs, upgrades, and accommodate projected growth; and

WHEREAS, the City Public Works Department 2011 *Proposal to Increase Water and Sewer Rates* identified nitrate removal from two active water wells that draw from the Sylmar

Groundwater Basin and provide the community with potable water as a reason for rate increase; and

WHEREAS, the 2010 City of San Fernando Urban Water Management Plan notes that the City's groundwater rights are fixed at 3,405 Acre Feet per Year (AFY); and

WHEREAS, the 2005 Specific Plan and the proposed 2015 Specific Plan facilitate multiple family dwelling projects that may increase water demand, which may require additional groundwater production and water purchase; and

WHEREAS, drought conditions in California and the statewide 25 percent water use reduction mandate for cities requires the City of San Fernando to reduce its water consumption; and

WHEREAS, the reliability of the City's water supply is based on capacity and condition of its infrastructure, as well as demand, which is affected by land use regulations; and

WHEREAS, every two years, the City prepares a Pavement Management System ("PMS") that evaluates roads and classifies their condition. The 2014 PMS rated approximately 32 percent of the City's streets at below 55 (out of 100), which is "Fair" with "moderate distress; severe weathering," and altogether identified approximately \$17.8 million in deferred street maintenance; and

WHEREAS, during Fiscal Year 2015-16, approximately \$2.9 million has been budgeted for road-related improvements that include design and construction for 12 streets, plus traffic, pedestrian safety, streetscape, and bicycle improvements, and aided by the City's participation in the Total Road Improvement Program utilizing Measure R Local Return Transportation funds; and

WHEREAS, the City's short and long-term Capital Improvements Program (CIP) foresees multi-year, multi-million dollar projects to improve roads, sidewalks and landscaping, in conjunction with water well and water main upgrades, storm drain, and sewer infrastructure—in accordance with state Water Board-required Sewer System Management Plan (SSMP) and Storm Water Pollution Prevention Plan (SWPPP)—as well as traffic safety, parks and facilities; and

WHEREAS, the City Council desires to study the demands of development on the City's infrastructure; and to study the potential need for additional public facilities to accommodate future development; and to consider impact fees commensurate with the demands of new development to protect the public health, safety and welfare; and

WHEREAS, the City Council recognizes that City Staff must analyze the data from these assessments, improvement plans, and complete the Specific Plan environmental review process (i.e., preparation of a Program Environmental Impact Report), and respond with appropriate potential regulations and mitigation measures; and

WHEREAS, the City seeks to continue to suspend the approval of multiple-family dwelling project to provide time to study and develop regulations, mitigation measures, and engineering and planning practices that will balance development with infrastructure capacity; and

WHEREAS, the City desires to acknowledge those development projects that have substantially received the approvals they require to permit construction; and

WHEREAS, the City Council desires to direct Community Development Department Staff and Public Works Department Staff to conduct the necessary studies and to report their findings to both the Planning and Preservation Commission and the City Council within a reasonable time; and

WHEREAS, Government Code section 65858 authorizes the City Council to adopt an urgency ordinance for the immediate preservation of the public health, safety, or welfare, and to prohibit a land use that is in conflict with a contemplated general plan, specific plan, or zoning proposal that the City Council, Planning and Preservation Commission, or the Community Development Department is considering or studying or intends to study within a reasonable time; and

WHEREAS, on January 19, 2016, the City Council instituted a 45-day moratorium on new multiple-family dwelling projects by adopting Urgency Ordinance No. U-1650, which will expire by operation of law on March 4, 2016; and

WHEREAS, this Ordinance serves as the City's written report describing the measures taken to alleviate the conditions which led to the adoption of Urgency Ordinance No. U-1650, in accordance with Government Code section 65858(d). These measures include the following:

- A. Since the adoption of Urgency Ordinance No. U-1650, City Public Works and Planning Staff have begun to research and study the condition of the City's infrastructure and to identify potential impacts to infrastructure related to new Multiple-Family Dwelling Projects under current zoning regulations and those contemplated under the proposed Corridors Specific Plan Update/TOD Overlay Zone Project.
- B. Planning Staff and the City's planning consultant have begun preparation of the Program Environmental Impact Report (Program EIR) for the San Fernando Corridors Specific Plan Update to evaluate potential environmental impacts to the City's infrastructure (i.e., sewer, water, streets, etc.) based on 20-year projections for new commercial, industrial, and residential development within the specific plan study/planning area.
- C. The Program EIR's Notice of Preparation was circulated on December 21, 2015. A Scoping Meeting was held on January 7, 2016. City staff and the consultants are conducting the baseline studies for the Program EIR. It is anticipated that a draft of

the Program EIR will be released for public review during the second quarter of 2016.

- D. In February, Public Works Staff commenced a System-Wide Infrastructure – Development Impact Fee Study to analyze impacts of development on sewer, drainage, traffic, parks, government facilities, and police. The study is expected to take four to six months to complete, followed by consideration by the City Council.
- E. The Closed-Circuit Television (CCTV) inspection and cleaning of the City’s sewer system has been completed and will be used to develop a list of point repairs and replacement of pipe segments. This year the CCTV data will be integrated into the City’s Geographic Information System (GIS).
- F. The City Council has approved the purchase of a wastewater jetter vehicle to undertake maintenance and emergency removal of blockages in the wastewater system.
- G. This month, the City will initiate wet weather flow monitoring equipment at key locations to identify water infiltration (due to cracked pipes or manholes) and possible capacity issues.
- H. This month, the City will install overflow sensor equipment at key locations to provide alert notifications to prevent wastewater overflows.
- I. The City plans to install new pipe segments (both water and sewer) in conjunction with the resurfacing of 12 street segments.
- J. The City Council has approved the purchase of a water distribution vehicle to undertake maintenance and system improvements to water pipelines.
- K. Staff have commenced preparation of the 2015 Urban Water Management Plan as an update to the 2010 Urban Water Management Plan.
- L. The City will resurface 12 street segments. Six are planned for April 2016, and the rest will start in summer 2016.
- M. The City’s participation in the Total Road Improvement Program is expected to be approved this spring 2016 and will expedite needed improvements to road and traffic infrastructure.

WHEREAS, State law authorizes the extension of an urgency ordinance for 10 months and 15 days.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF SAN FERNANDO, CALIFORNIA, DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. Recitals. The above recitals are true and correct and incorporated herein by reference.

SECTION 2. Definition. The term “Dwelling, multiple-family” shall be as defined in Zoning Ordinance section 106-6.

SECTION 3. Moratorium.

A. The City Council declares a moratorium on the application filing, processing, approval and issuance of permits for any multiple-family dwelling project.

B. The moratorium shall be effective for the 10-month and 15-day period commencing March 3, 2016 and ending January 18, 2017, or until earlier termination by the City Council. The moratorium may be subsequently extended for one year in accordance with Government Code section 65858.

SECTION 4. Moratorium Exemption. The moratorium shall not apply to any project that has secured at least one of the following approvals prior to the effective date of this ordinance:

- (i) Site Plan Review.
- (ii) Zone change.

SECTION 5. Hardship Exemption.

A. The City Council has the authority but no obligation to grant exemptions from the provisions of this Urgency Ordinance where it finds that strict adherence to the moratorium would result in extreme hardship to either the developer or property owner. The City Council may consider any factor relevant to this determination. A finding that the moratorium deprives the owner of all economically viable use of the property shall constitute extreme hardship.

B. Written requests for hardship exemptions shall be filed with the Community Development Department and shall state the grounds for the exemption and provide supporting documentation. The City Council is not required to consider the request any sooner than two weeks after it was filed. The City Council shall approve, approve with conditions, or deny the request by resolution.

SECTION 6. Urgency Findings. This Urgency Ordinance is adopted as an urgency measure pursuant to Government Code Section 65858 and is justified based upon the recitals herein, all evidence in the record, and on the following findings:

A. There is a current and immediate threat to the public health, safety, or welfare, and the approval of additional subdivisions, use permits, variances, building permits, or any other applicable entitlement for use which is required in order to comply with a zoning ordinance would result in that threat to public health, safety, or welfare:

A report to the City Council by the Public Works Director, dated August 3, 2015, details the need to inspect 74 percent of the City's sanitary sewer system (approximately 164,000 feet in length) with remote-controlled cameras, to locate damaged pipes and generally to assess the system's condition. The City's sewer system provides wastewater service to approximately 25,000 people, in addition to many commercial and industrial customers. The City's Capital Improvements Program (CIP) has budgeted nearly \$1.4 million for sewer capacity improvements in accordance with the state Water Board-required Sewer System Management Plan (SSMP), which identified \$10.7 million in sewer maintenance and improvement costs.

In addition, the CIP foresees projects to improve roads, sidewalks and landscaping, in conjunction with water, sewer, and storm drain infrastructure, in accordance with the state Water Board-required Storm Water Pollution Prevention Plan (SWPPP), as well as traffic safety, parks and facilities.

Multiple factors have affected the City's sewer infrastructure including decades of deferred maintenance, the need to implement a Fats, Oils, and Greases Control Plan, and the need to design and upgrade the existing system to meet deficient capacity and accommodate growth. Insufficient sewer capacity can cause sewage backups into homes, and sewage poses a significant threat to human health. The City must complete its system-wide inspection, assessment, and any required sewer capacity improvements before the approval of more multiple family dwelling projects places further demands on the system. Approving new multi-unit projects before this work is accomplished would create greater uncertainty as it relates to project related impacts to our sewer system, and as such presents a current and immediate threat to health and safety.

Multiple factors also affect the City's continued access to sufficient water supply which comes from local groundwater and imported water. Reliability of the City's water supply is based on the capacity and condition of infrastructure. Such conditions are affected by, among other things: groundwater contaminants, water well maintenance, and years of deferred maintenance, in general. Furthermore, reliable water supply is impacted by seasonal demand affected by drought, and by population growth under land use regulations, including those in the Specific Plan and proposed amendments.

Deferred maintenance of the City's street infrastructure have resulted in repairs totaling approximately \$17.8 million. The average citywide roadway conditions are rated Good with slight distress and weathering, while 32 percent of streets have an overall pavement condition rating of below 55, which is Fair with moderate distress and/or severe weathering. Hence, any further demand on the City's roadways from new multiple family dwelling projects requires further analysis, and development and consideration of mitigation measures, impact fees, and short and long-term planning to maintain and reduce deterioration of the City's roadways.

The City Council finds that the establishment of new multiple family dwelling projects within the City, before the City has completed its analysis of the current state of the City's infrastructure, presents a current and immediate threat to health and safety.

The approval of additional permits or other land use entitlement for new multiple-family dwelling projects would result in that threat to public health, safety, or welfare because, without the benefit of new regulations and engineering and planning practices in place (e.g. impact fees and mitigation measures), the demands of the new development threaten to harm or overwhelm the City's infrastructure. This includes roads, traffic controls, water, sewer, and storm drains.

B. The continued approval of the development of multiple-family housing projects would have a specific, adverse impact upon the public health or safety:

The continued approval of the development of multiple-family dwelling projects have the potential to strain public safety, schools, roads, water and sewers in the City in the absence of adequate analysis of the state of the City's infrastructure and need for additional public facilities. The demands of new development threaten to harm or overwhelm the City's infrastructure. This includes roads, traffic controls, water, sewer, and storm drains, which are or will be improved as part of the CIP.

Insufficient sewer capacity can cause sewage backups into homes, and sewage poses a significant threat to human health. In addition, insufficient water supply may result in lack of emergency water services to fight fires and limits citywide access to potable water for residential, commercial and industrial uses.

Overall infrastructure capacity may be further exacerbated by new approvals of multiple-family dwelling projects before the City has completed its assessment and repair of the sewer, water, and street systems and can implement new development impact fees, and improve standards that mitigate impacts on these types of infrastructure.

C. This interim moratorium is necessary to mitigate or avoid the specific, adverse impact identified above:

The City Council finds that a temporary moratorium on the application filing, processing, approval and issuance of permits for multiple-family dwelling projects is necessary to allow the City sufficient time to study and develop comprehensive regulations, mitigation measures, and engineering and planning practices that will balance development with infrastructure capacity and other public facilities.

When a city prepares to adopt new development regulations, there is the risk of a rush of new development applications in an attempt to beat the new regulations. The moratorium on multiple-family dwelling project permits, while the City studies and updates its current regulations, would prevent such applications from defeating the purpose of any new regulations the City may consider.

D. There is no feasible alternative to satisfactorily mitigate or avoid the specific, adverse impact identified above as well or better, with a less burdensome or restrictive effect, than the adoption of the proposed interim moratorium:

This moratorium will afford the City a reasonable amount of time to complete its analysis of the state of the City's infrastructure, determine the need for additional public facilities to accommodate future development, and develop appropriate potential regulations, mitigation measures, and impact fees commensurate with the demands of the new development.

Faced with the choice of allowing new multiple-family dwelling projects to proceed without the benefit of this vital analysis, or suspending such approvals for the term of this moratorium, the City finds that only the proposed suspension will mitigate or avoid the specific, adverse impacts identified in the findings above. Accordingly, the City Council finds that there is no feasible alternative to this interim moratorium.

SECTION 7. CEQA. This Urgency Ordinance is exempt from the California Environmental Quality Act ("CEQA") based on the following:

A. This Urgency Ordinance is not a "project" within the meaning of Section 15378 of the CEQA Guidelines as it has no potential for resulting in a physical change in the environment, either directly or indirectly.

B. This Urgency Ordinance is categorically exempt from CEQA under Section 15306 of the CEQA Guidelines, as it provides for basic data collection and research regarding the City's infrastructure and development regulations, and is limited to information gathering leading to an action which the City has not yet approved or funded.

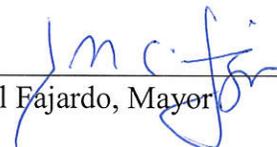
C. This Urgency Ordinance is categorically exempt from CEQA under Section 15308 of the CEQA Guidelines, as it is a regulatory action by the City and authorized by the Zoning Ordinance and Government Code Section 65858 to assure the maintenance and protection of the environment and adoption of contemplated legislation, regulation, and policies.

D. This Urgency Ordinance is not subject to CEQA under the general rule set forth in Section 15061(b)(3) of the CEQA Guidelines that CEQA only applies to projects which have the potential for causing a significant effect on the environment. For the reasons described above, it can be seen with certainty that there is no possibility that this Urgency Ordinance will have a significant effect on the environment.

SECTION 8. Severability. If any section, subsection, subdivision, paragraph, sentence, clause or phrase of this Urgency Ordinance, or any part thereof is for any reason held to be invalid or unconstitutional by a decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Urgency Ordinance or any part thereof. The City Council hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause or phrase thereof, irrespective of the fact that any one or more section, subsection, subdivision, paragraph, sentence, clause or phrase would be subsequently declared invalid or unconstitutional.

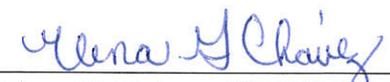
SECTION 9. Effective Date. Effective Date. If adopted by at least four-fifths vote of the City Council, this Urgency Ordinance shall be effective commencing March 3, 2016.

PASSED, APPROVED, AND ADOPTED by the City Council of the City of San Fernando at a special meeting on this 22nd day of February, 2016.



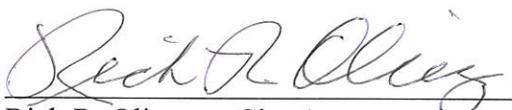
Joel Fajardo, Mayor

ATTEST:



Elena G. Chávez, City Clerk

APPROVED AS TO FORM:



Rick R. Olivarez, City Attorney

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) **SS.**
CITY OF SAN FERNANDO)

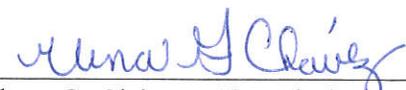
I, ELENA CHÁVEZ, City Clerk of the City of San Fernando, do hereby certify that the foregoing Ordinance was adopted at a special meeting of the City Council held on the 22nd day of February, 2016, and was carried by the following roll call vote:

AYES: Fajardo, Ballin, Gonzales, Lopez, Soto – 5

NOES: None

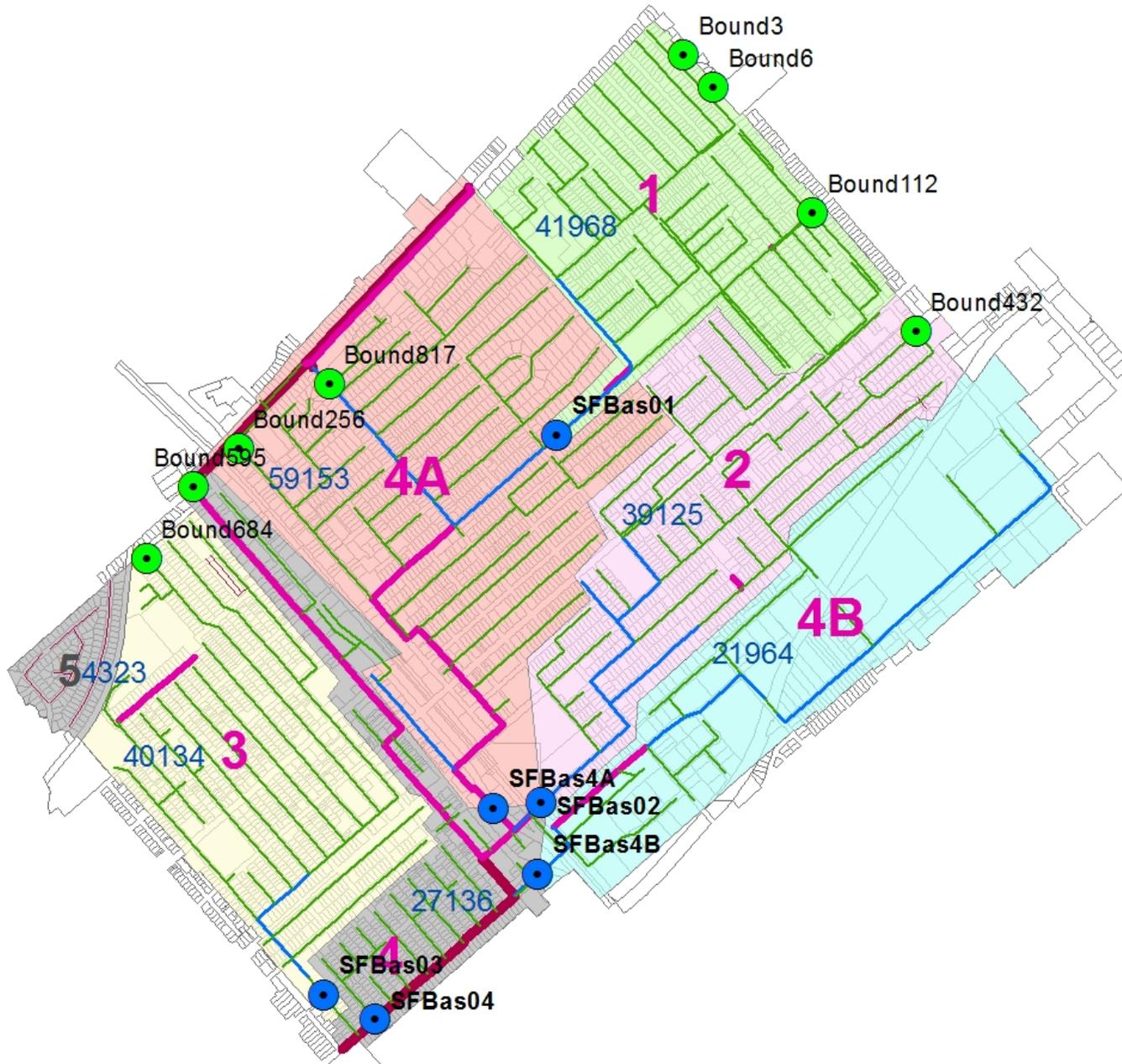
ABSTAIN: None

ABSENT: None

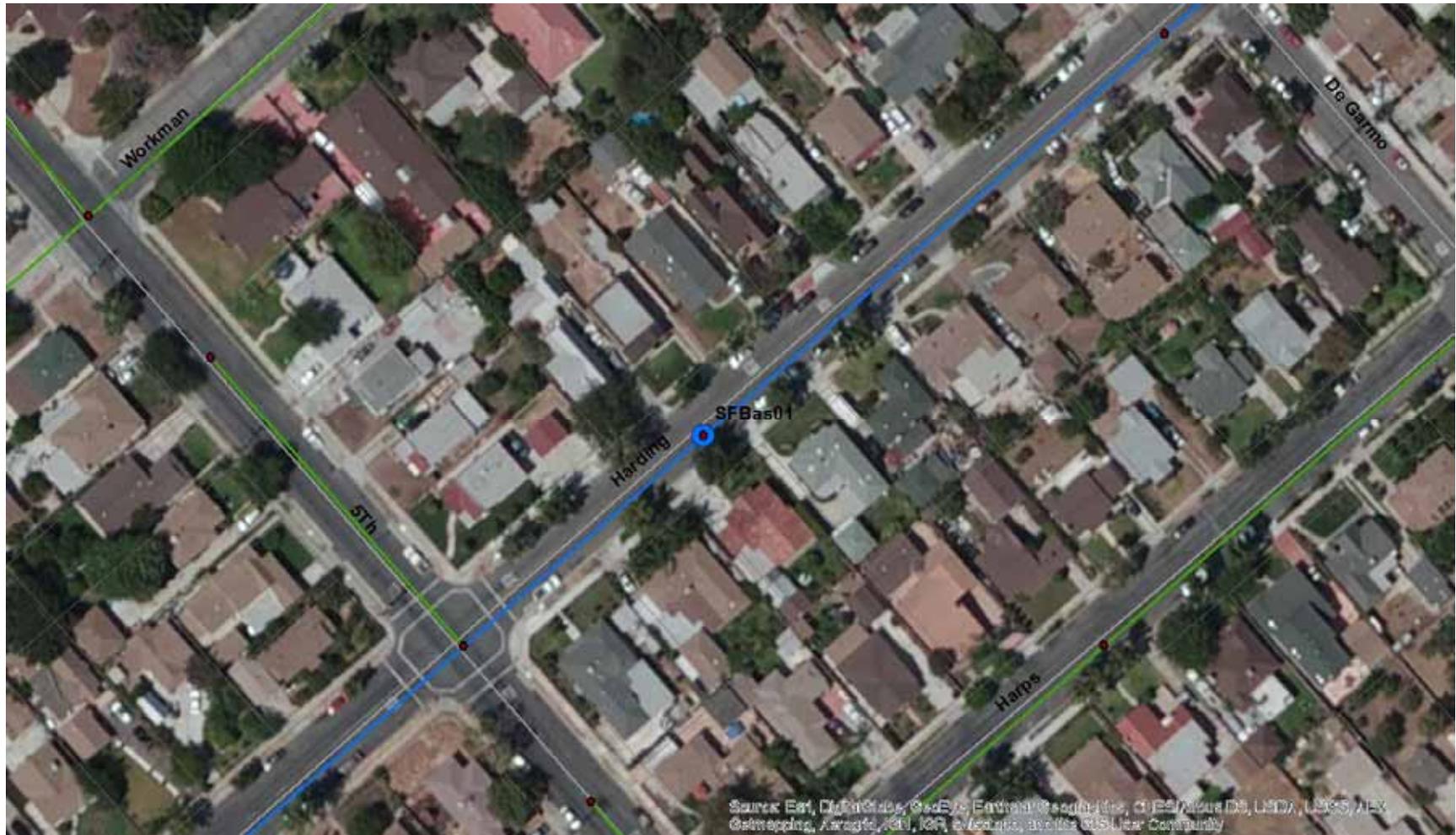


Elena G. Chávez, City Clerk

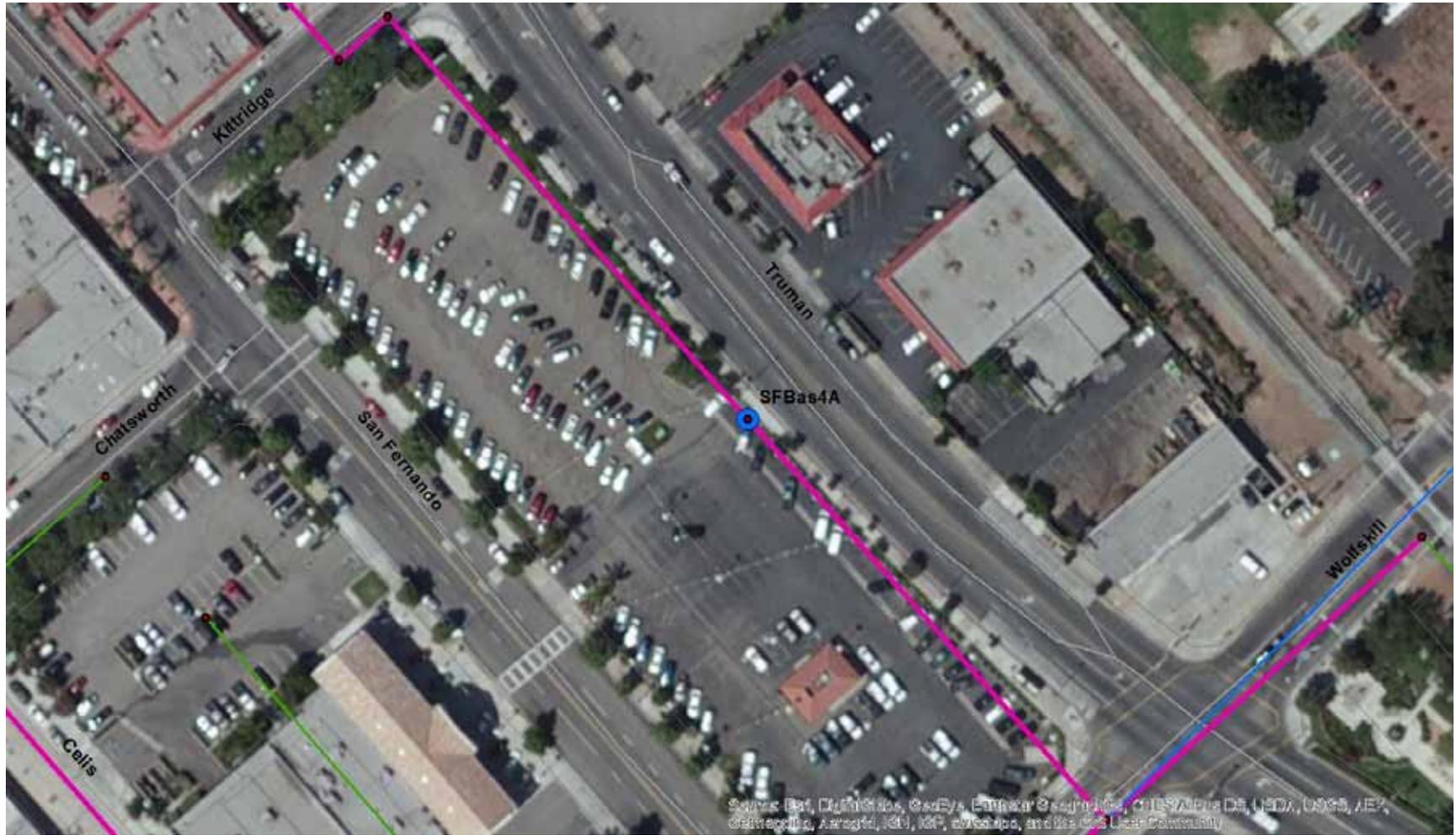
San Fernando Meter Locations



Basins meter and boundary meters











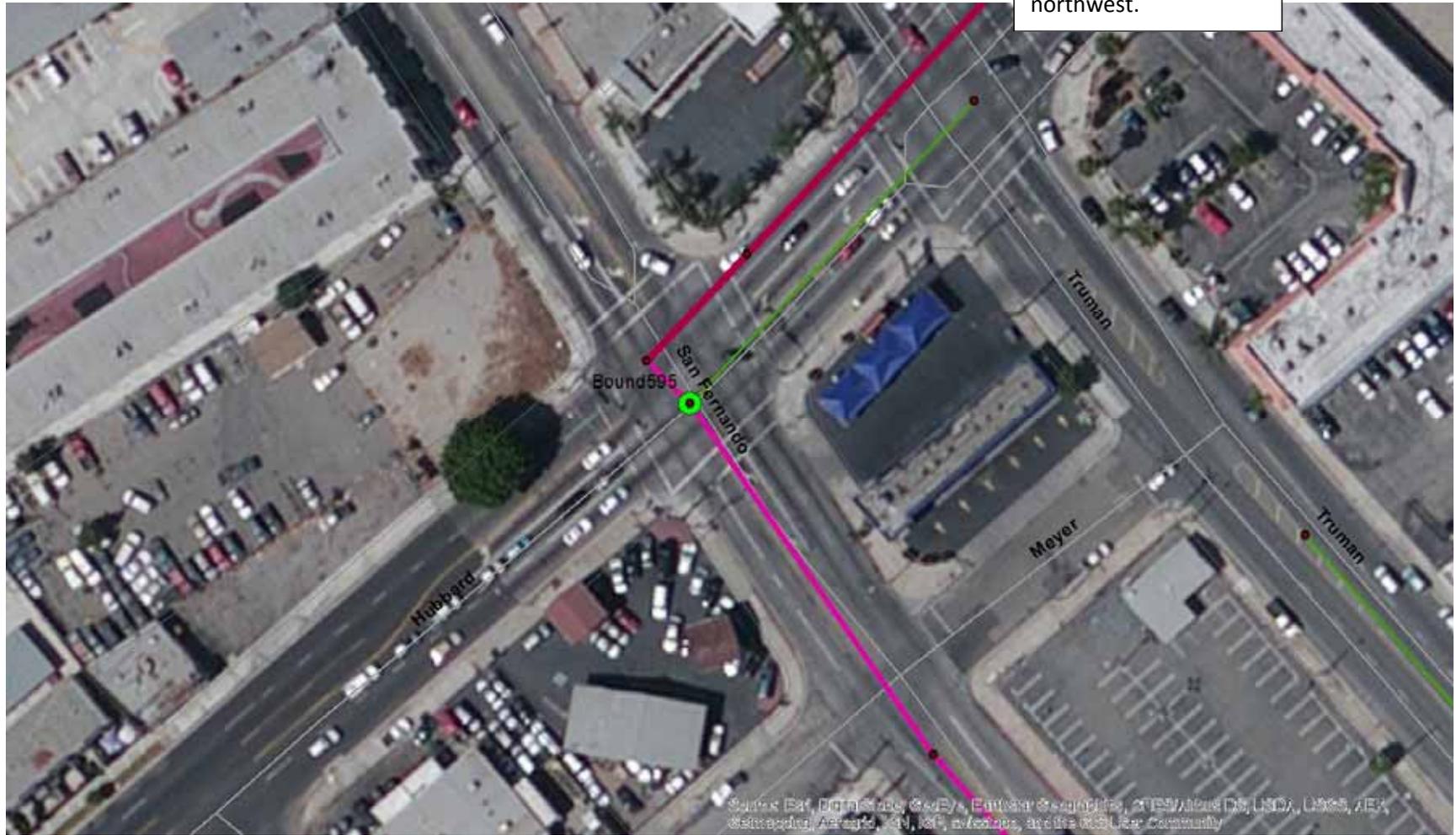


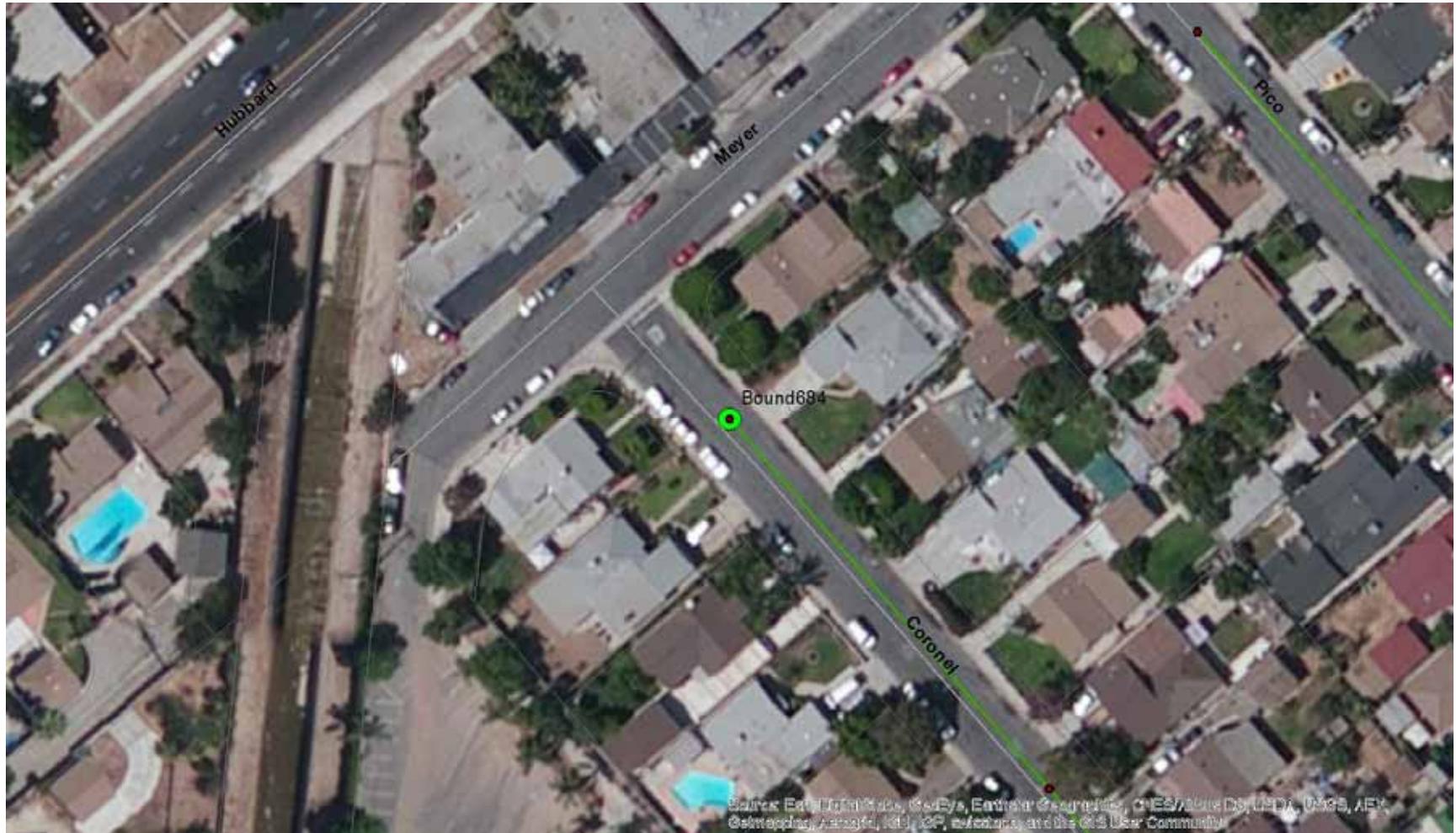
pipe from north





Larger pipe from northwest.



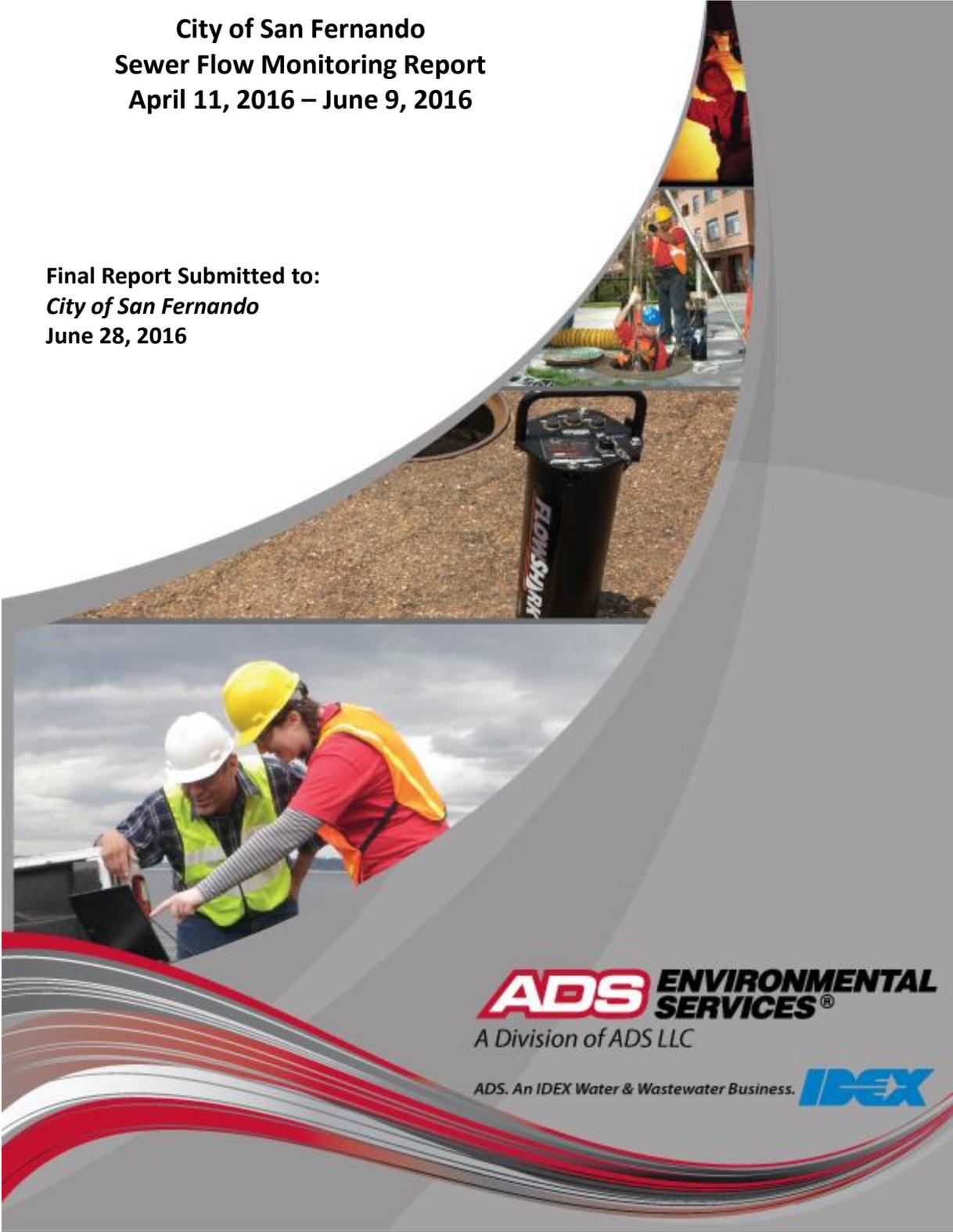


Larger pipe from northwest.



**City of San Fernando
Sewer Flow Monitoring Report
April 11, 2016 – June 9, 2016**

**Final Report Submitted to:
City of San Fernando
June 28, 2016**



ADS ENVIRONMENTAL SERVICES[®]

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City of San Fernando Sewer Flow Monitoring Study

April 11, 2016 - June 9, 2016

Prepared for:

Chris Marcarello
Deputy City Manager/Public Works Director
117 Macneil St.
San Fernando, CA 91340

Prepared by:

ADS Environmental Services, Inc.
4820 Mercury Street, Suite C
San Diego, CA 92111

Letter of Transmittal



June 28, 2016

Mr. Chris Marcarello
Deputy Manager/Public Works Director
117 Macneil Street
San Fernando, CA 91340

SUBJECT: City of San Fernando Sewer Flow Monitoring Study 2016

Dear Mr. Marcarello,

ADS is pleased to submit the report for the City of San Fernando Sewer Flow Monitoring Study 2016. The metering was conducted for sixty (60) days at twelve (12) locations. The study period is April 11, 2016 - June 09, 2016 .

The report contains hourly averaged depth, velocity, and quantity hydrographs as well as daily long tables for the metering period in pdf format. An Excel file containing depth, quantity, and velocity entities for the monitoring location in 5-minute format is also provided.

In addition, we would be happy to further explain any details about the report that may seem unclear. Should you have any questions or comments, you may contact the Project Manager, Paul Mitchell at (714) 379-9778 ext 223.

Thank you for choosing ADS products and services to meet your flow monitoring needs.

Sincerely,
ADS ENVIRONMENTAL SERVICES

Sean O'Donnell
Data Analyst

Scope and Methodology

Introduction

The City of San Fernando, CA entered into an agreement with ADS Environmental Services to conduct flow monitoring at twelve (12) metering points within the City of San Fernando Sanitary Sewer Collection System. The study was contracted for a (60) sixty day monitoring period. Rain data from one (1) rain gauge source was provided for use in conducting the Rain Induced Inflow/Infiltration Analysis. The primary objective was to evaluate capacity, verify permanent downstream monitor SF01, and possible infiltration and inflow analysis.

Project Scope

The scope of this study involved using flow monitors to quantify wastewater flows at the designated locations. Specifically, the study included the following key components.

- Investigate the proposed flow-monitoring sites for adequate hydraulic conditions.
- Flow monitor installations.
- Flow monitor confirmations and data collections.
- Flow data analysis.

Equipment installation was completed on April 8. The study period began on April 11, 2016 and was completed on June 09, 2016 .

Flow Monitoring Equipment



The **ADS FlowShark Triton** monitor was selected for this project. This flow monitor is an area velocity flow monitor that uses both the Continuity and Manning's equations to measure flow.

The ADS FlowShark Triton monitor consists of data acquisition sensors and a battery-powered microcomputer. The microcomputer includes a processor unit, data storage, and an on-board clock to control and synchronize the sensor recordings. The monitor was programmed to acquire and store depth of flow and velocity readings at 5-minute intervals.

The FS Triton monitor features cross-checking using multiple technologies in each sensor for continuous running of comparisons and tolerances. The FS Triton monitor

can support two (2) sets of sensors. The sensor option used for this project was: **The Peak Combo Sensor** installed at the bottom of the pipe includes three types of data acquisition technologies.

The **up looking ultrasonic depth** uses sound waves from two independent transceivers to measure the distance from the sensor upward toward the flow surface; applying the speed of sound in the water and the temperature measured by sensor to calculate depth.

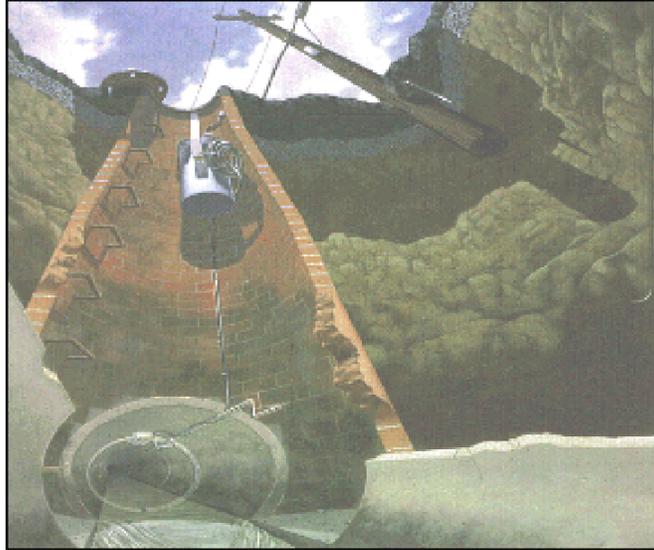
The **pressure depth** is calculated by using a piezo-resistive crystal to determine the difference between hydrostatic and atmospheric pressure. The pressure sensor is temperature compensated and vented to the atmosphere through a desiccant filled breather tube.

To obtain **peak velocity**, the sensor sends an ultrasonic signal at an angle upward through the widest cross-section of the oncoming flow. The signal is reflected by suspended particles, air bubbles, or organic matter with a frequency shift proportional to the velocity of the reflecting objects. The reflected signal is received by the sensor and processed using digital spectrum analysis to determine the peak flow velocity.

Installation

Installation of flow monitoring equipment typically proceeds in four steps. First, the site is investigated for safety and to determine physical and hydraulic suitability for the flow monitoring equipment. Second, the equipment is physically installed at the selected location. Third, the monitor is tested to assure proper operation of the velocity and depth of flow sensors and verify that the monitor clock is operational and synchronized to the master computer clock. Fourth, the depth and velocity sensors are confirmed and line confirmations are performed.

In pipes up to 42 inches in diameter, the sensors were mounted on expandable stainless steel rings, inserted at least a foot upstream into influent pipes and tightened against the inside walls of the pipes. Influent pipe installations reduce the influences of turbulence and backwater often caused by changes in channel geometry in manholes.



Data Collection, Confirmation, and Quality Assurance

Data collects were done remotely via wireless connect on a weekly basis via ADS Field Representatives. During the monitoring period, field crews visit each monitoring location to verify proper monitor operation and document field conditions. The following quality assurance steps are taken to assure the integrity of the collected data:

Measure power supplies: monitors were powered by dry cell battery packs. Voltages were recorded and battery packs replaced, as necessary. Separate batteries provided back-up power to memory allowing primary batteries to be replaced without loss of data.

Clock synchronization: Field crews synchronized monitor clocks to master clocks.

Confirm depth and velocity readings: Field crews descended into meter manholes to manually measure depths and velocities and compare them meter readings to confirm that they agreed. They also measured silt levels, if any, in the inverts of the pipes. Silt areas were subtracted from flow areas to compute true areas of flow.

Confirm average velocities through cross-sectional velocity profiles: Since ADS velocity sensors measure peak velocity, field crews collected cross-sectional velocity profiles in order to develop a relationship between peak and average velocity in lines that meet the hydraulic criteria.

Upload and Review Data: Data collected from the monitors were uploaded and reviewed by a Data Analyst for completeness, outliers and deviations in the flow patterns, which indicate system anomalies or equipment failure.

Flow Quantification Methods

There are two main equations used to measure open channel flow: the **Continuity Equation** and the **Manning Equation**. The Continuity Equation, which is considered the most accurate, can be used if both depth of flow and velocity are available. In cases where velocity measurements are not available or not practical to obtain, the Manning Equation can be used to estimate velocity from the depth data based on certain physical characteristics of the pipe (i.e. the slope and roughness of the pipe being measured). However, the Manning equation assumes uniform, steady flow hydraulic conditions with non-varying roughness, which are typically invalid assumptions in most sanitary sewers. The Continuity Equation was used exclusively for this study.

Continuity Equation

The Continuity Equation states that the flow quantity (Q) is equal to the wetted area (A) multiplied by the average velocity (V) of the flow.

$$Q = A * V$$

This equation is applicable in a variety of conditions including backwater, surcharge, and reverse flow.

Data Analysis and Presentation

Data Analysis

A flow monitor is typically programmed to collect data at either 15-minute or 5-minute intervals throughout the monitoring period. The monitor stores raw data consisting of (1) the ultrasonic depth, (2) the peak velocity and (3) the pressure depth. The data is imported into ADS's proprietary software and is examined by a data analyst to verify its integrity. The data analyst also reviews the daily field reports and site visit records to identify conditions that would affect the collected data.

Velocity profiles and the line confirmation data developed by the field personnel are reviewed by the data analyst to identify inconsistencies and verify data integrity. Velocity profiles are reviewed and an average to peak velocity ratio is calculated for the site. This ratio is used in converting the peak velocity measured by the sensor to

the average velocity used in the Continuity equation. The data analyst selects which depth sensor entity will be used to calculate the final depth information. Silt levels present at each site visit are reviewed and representative silt levels established.

Occasionally the velocity sensor's performance may be compromised resulting in invalid readings sporadically during the monitoring period. This is generally caused by excessive debris (silt) blocking the sensor's crystals, shallow flows ($\sim < 2''$) that may drop below the top of the sensor or very clear flows lacking the particles needed to measure rate. In order to use the Continuity equation to quantify the flow during these periods, a Data Analyst and/or Engineer will use the site's historical pipe curve (depth vs. velocity) data along with valid field confirmations to reconstitute and replace the false velocity recordings with expected velocity readings for a given historical depth along the curve.

Selections for the above parameters can be constant or can change during the monitoring period. While the data analysis process is described in a linear manner, it often requires an iterative approach to accurately complete.

Data Presentation

This type of flow monitoring project generates a large volume of data. To facilitate review of the data, results have been provided in graphical and tabular formats. The flow data is presented graphically in the form of scattergraphs and hydrographs. Hydrographs are based on hourly averaging. Tables are provided in daily average format. These tables show the flow rate for each day, along with the daily minimum and maximums, the times they were observed, the total daily flow, and total flow for the month (or monitoring period). The following explanation of terms may aid in interpretation of the tables and hydrographs.

DEPTH - Final calculated depth measurement (in inches)

QUANTITY - Final calculated flow rate (in MGD)

VELOCITY - Final calculated flow velocity (in feet per second)

REPORT TOTAL - Total volume of flow recorded for the indicated time period (in MG)

Site Commentary

Site Information

SF_Bas01	
Pipe Dimensions	10.13" x 10.13"
Silt Level	0.00"

Overview

Site SF_Bas01 functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. Review of the scattergraph shows that flows remained free flowing throughout the period.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located downstream of locations SF_Bound3, SF_Bound6, and SF_Bound112alt. A review of balancing indicated no problems. A net flow of .159 MGD was reported for the period.

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 35% full at its recorded peak of 3.57 inches and approximately 26% full during its recorded average depth of 2.65 inches.

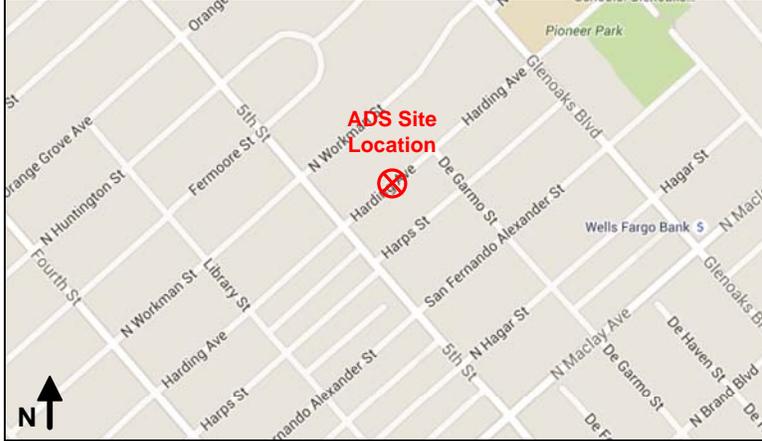
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	2.65	5.43	0.428
Minimum	1.64	2.62	0.103
Maximum	3.83	6.72	0.815
Time of Minimum	4/28/2016 3:30 AM	4/19/2016 2:25 AM	4/19/2016 2:25 AM
Time of Maximum	6/9/2016 6:35 AM	5/4/2016 7:05 AM	4/13/2016 7:00 AM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

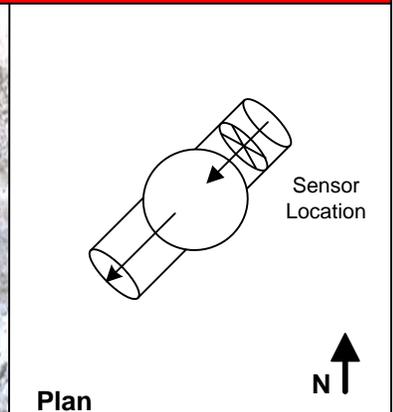
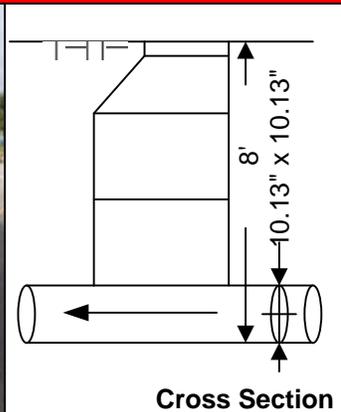
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bas01		Install Date: 03/30/16		Monitor Type		Peak Doppler	
Address/Location: 614 Harding				Monitor Model		Triton	
				Data Acquisition		Manual/Wireless Collect	
				Manhole ID			
Access: Drive	Type of System:	Sanitary <input checked="" type="checkbox"/>	Storm <input type="checkbox"/>	Combined <input type="checkbox"/>	Pipe Height:		10.13"
					Pipe Width:		10.13"



Investigation Information: Manhole Information:

Date/Time of Investigation:		03/30/16 13:21		Manhole Depth:		8'	
Site Hydraulics:		Good straight through flow		Manhole Material / Condition		Precast/Good	
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition:		VCP/Good	
Upstream Manhole:		Not investigated		Land Use:		Residential <input type="checkbox"/>	Commercial <input checked="" type="checkbox"/>
Downstream Manhole:		Not investigated		Oxygen: 20.9		H2S: 0	LEL: 0
Depth of Flow:		2.50	" +/- 0.25	Safety Notes: 2 crews required and one flagger is needed.			
Range (Air DOF):		+/-					
Peak Velocity:		6.08	fps				
Silt:		0.00	Inches				

Other Information:



Installation Information		Backup		Yes	No	?	Distance
Installation Type:	Standard	Trunk			x		
Sensors Devices:	Ultrasonic/Pressure/Velocit	Lift / Pump Station			x		
Surcharge Height:	0	WWTP			x		
Rain Gauge Zone:		Other			x		

Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

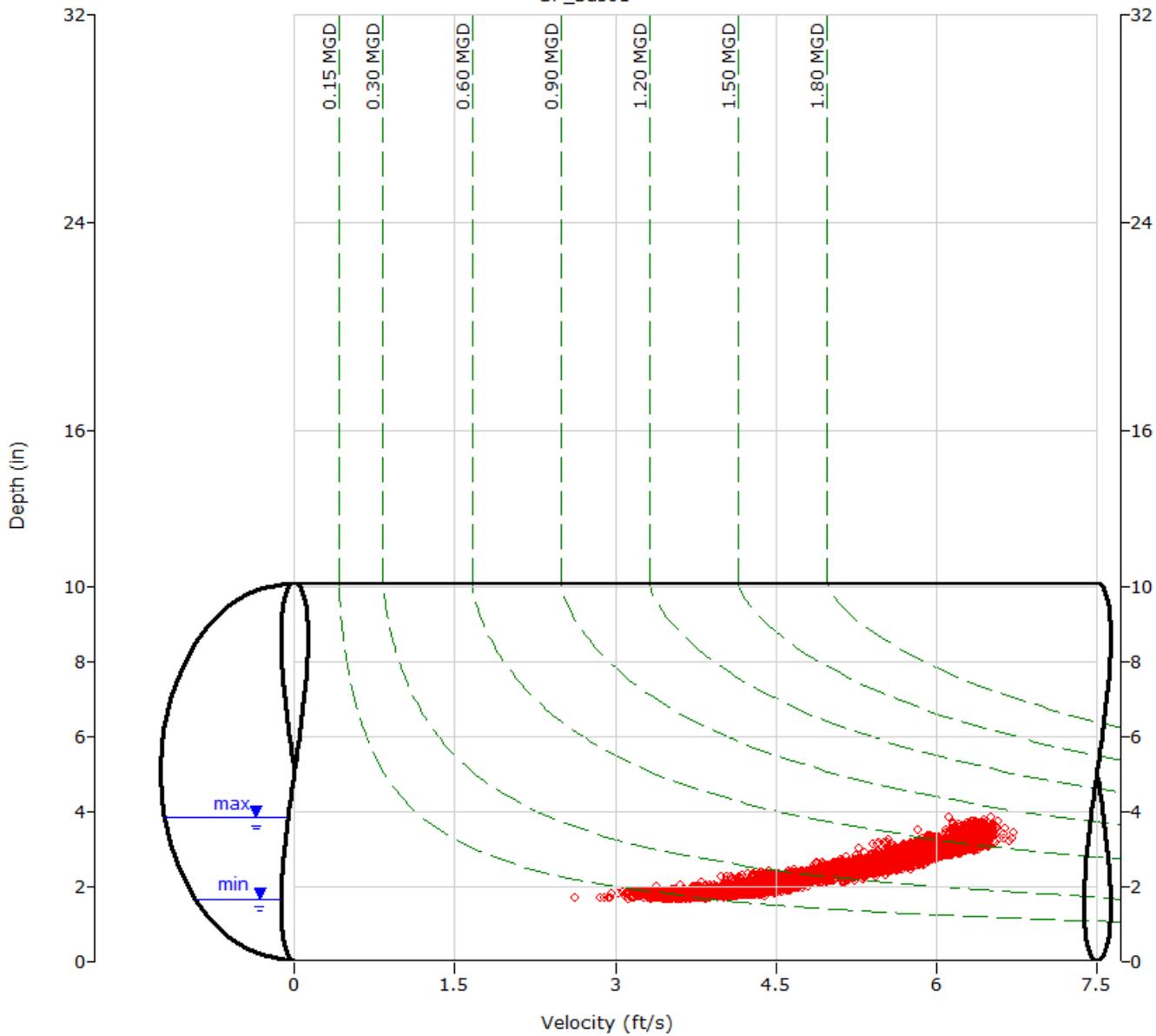
SF_Bas01

Flow Monitor
SF_Bas01

Pipe Height
10.13 in

Report Period
4/11/2016
To
6/9/2016

Legend
○ Depth - Velocity
- - - Iso-Q™
- - - Silt
▼ Min-Max Depth



HYDROGRAPH REPORT

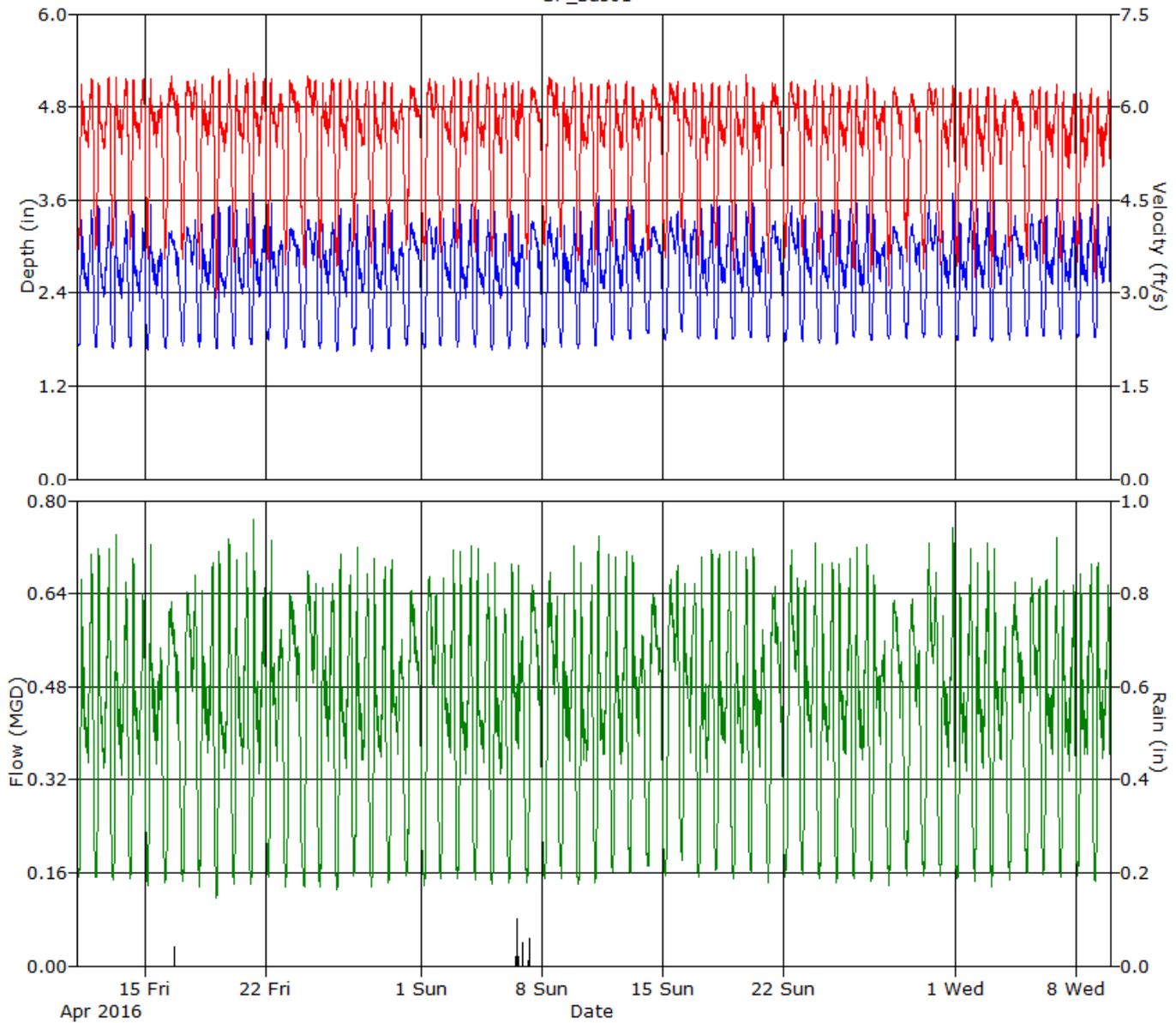
SF_Bas01

Flow Monitor
SF_Bas01

Pipe Height
10.13 in

Report Period
4/11/2016
To
6/9/2016

Legend
— Depth
— Velocity
— Quantity
— Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bas01, Pipe Height: 10.13 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	03:15	1.71	20:45	3.53	2.61	03:15	3.57	20:50	6.45	5.46	03:15	0.144	20:45	0.720	0.422	0.422	
4/12/2016	03:35	1.70	21:10	3.61	2.59	02:55	3.64	21:10	6.52	5.45	02:55	0.148	21:10	0.754	0.416	0.416	
4/13/2016	03:30	1.67	07:00	3.83	2.57	02:15	3.67	07:00	6.52	5.50	03:20	0.146	07:00	0.815	0.414	0.414	
4/14/2016	03:20	1.69	06:50	3.52	2.55	03:00	3.57	06:50	6.49	5.50	03:00	0.145	06:50	0.725	0.410	0.410	
4/15/2016	02:40	1.66	07:00	3.60	2.55	03:25	3.49	07:30	6.47	5.46	03:25	0.136	07:00	0.741	0.404	0.404	
4/16/2016	04:40	1.69	11:50	3.22	2.64	02:35	3.53	12:05	6.68	5.55	04:40	0.141	12:05	0.655	0.438	0.438	0.04
4/17/2016	04:35	1.72	21:00	3.62	2.68	04:35	3.29	12:25	6.55	5.57	04:35	0.134	21:00	0.743	0.450	0.450	
4/18/2016	03:10	1.69	21:25	3.50	2.61	02:45	3.17	21:25	6.52	5.50	02:45	0.130	21:25	0.723	0.423	0.423	
4/19/2016	03:30	1.67	20:15	3.61	2.58	02:25	2.62	20:20	6.64	5.41	02:25	0.103	20:15	0.758	0.413	0.413	
4/20/2016	03:30	1.69	21:10	3.54	2.61	03:20	3.44	21:05	6.49	5.47	03:30	0.137	21:05	0.730	0.422	0.422	
4/21/2016	03:45	1.73	06:50	3.76	2.60	01:55	3.22	06:55	6.58	5.47	03:40	0.138	06:55	0.796	0.420	0.420	
4/22/2016	03:05	1.78	07:05	3.61	2.61	01:55	3.31	07:20	6.46	5.45	03:40	0.146	07:05	0.747	0.419	0.419	
4/23/2016	03:15	1.68	13:55	3.26	2.67	03:30	3.33	11:00	6.46	5.54	03:30	0.132	11:00	0.640	0.446	0.446	
4/24/2016	05:05	1.70	10:10	3.47	2.71	03:25	3.22	10:00	6.71	5.56	03:25	0.131	10:10	0.701	0.458	0.458	
4/25/2016	03:20	1.68	20:30	3.35	2.62	03:10	3.18	20:50	6.47	5.49	03:10	0.126	20:20	0.671	0.425	0.425	
4/26/2016	03:20	1.64	07:20	3.57	2.57	03:35	3.12	07:20	6.47	5.42	03:35	0.120	07:20	0.736	0.411	0.411	
4/27/2016	02:45	1.71	06:50	3.60	2.61	02:10	3.72	20:25	6.44	5.48	02:45	0.154	06:50	0.737	0.421	0.421	
4/28/2016	03:30	1.64	21:20	3.53	2.58	03:10	3.32	20:55	6.46	5.41	03:10	0.129	21:20	0.718	0.412	0.412	
4/29/2016	03:00	1.68	07:10	3.53	2.58	02:00	3.59	07:30	6.43	5.42	02:55	0.143	07:10	0.717	0.410	0.410	
4/30/2016	04:10	1.72	11:35	3.50	2.68	04:10	3.73	09:10	6.41	5.51	04:10	0.152	11:35	0.674	0.443	0.443	
5/1/2016	05:00	1.68	11:15	3.39	2.70	04:45	3.49	12:05	6.55	5.51	04:50	0.138	12:05	0.687	0.452	0.452	
5/2/2016	03:10	1.71	20:30	3.63	2.65	03:15	3.54	21:05	6.49	5.47	03:15	0.143	20:55	0.752	0.430	0.430	
5/3/2016	03:10	1.69	21:30	3.68	2.60	03:10	3.58	07:15	6.50	5.44	03:10	0.142	21:30	0.761	0.417	0.417	
5/4/2016	03:25	1.71	07:10	3.56	2.59	03:15	3.63	07:05	6.72	5.44	03:15	0.148	07:10	0.738	0.415	0.415	
5/5/2016	03:30	1.66	06:55	3.49	2.53	02:15	3.49	20:25	6.42	5.39	03:30	0.137	06:55	0.709	0.398	0.398	
5/6/2016	02:50	1.68	06:55	3.52	2.60	02:40	3.38	16:05	6.43	5.46	02:50	0.133	16:05	0.714	0.418	0.418	0.34
5/7/2016	03:30	1.69	10:15	3.35	2.68	03:30	3.48	11:05	6.44	5.50	03:30	0.138	10:15	0.661	0.444	0.444	0.13
5/8/2016	04:25	1.69	11:20	3.42	2.65	04:05	3.69	10:50	6.50	5.59	04:10	0.148	11:20	0.690	0.443	0.443	
5/9/2016	03:25	1.70	21:30	3.69	2.59	01:15	3.67	21:40	6.49	5.47	03:25	0.148	21:30	0.769	0.416	0.416	
5/10/2016	03:25	1.69	21:45	3.53	2.56	03:35	3.35	06:25	6.49	5.39	03:35	0.133	21:45	0.716	0.406	0.406	
5/11/2016	04:05	1.72	07:00	3.67	2.62	02:10	3.32	21:30	6.50	5.44	02:10	0.137	07:20	0.748	0.422	0.422	
5/12/2016	02:25	1.78	21:55	3.65	2.66	02:20	3.61	21:45	6.41	5.49	02:20	0.154	21:55	0.753	0.432	0.432	
5/13/2016	03:25	1.80	07:10	3.66	2.67	03:25	3.55	06:55	6.35	5.42	03:25	0.154	07:10	0.745	0.428	0.428	
5/14/2016	04:40	1.87	11:25	3.30	2.75	03:00	3.56	10:45	6.43	5.51	03:00	0.167	11:25	0.649	0.456	0.456	
5/15/2016	04:45	1.79	21:15	3.49	2.76	04:30	3.50	21:15	6.46	5.51	04:30	0.152	21:15	0.712	0.464	0.464	
5/16/2016	04:05	1.90	22:00	3.41	2.74	03:15	3.75	20:00	6.43	5.52	03:15	0.177	20:35	0.679	0.451	0.451	
5/17/2016	03:50	1.79	07:10	3.74	2.66	03:20	3.32	20:05	6.46	5.41	03:20	0.146	07:10	0.782	0.427	0.427	
5/18/2016	03:10	1.80	20:55	3.63	2.66	02:05	3.43	21:50	6.43	5.44	02:05	0.151	20:55	0.744	0.428	0.428	
5/19/2016	03:20	1.80	07:00	3.61	2.64	02:45	3.10	20:45	6.58	5.39	02:45	0.136	21:30	0.754	0.423	0.423	
5/20/2016	03:50	1.82	07:00	3.58	2.62	03:05	3.45	07:30	6.33	5.35	03:05	0.154	07:00	0.722	0.411	0.411	
5/21/2016	03:40	1.77	12:35	3.49	2.72	03:20	3.12	12:40	6.44	5.47	03:20	0.136	12:35	0.705	0.448	0.448	
5/22/2016	03:15	1.77	11:45	3.61	2.76	03:15	3.43	11:45	6.43	5.51	03:15	0.145	11:45	0.743	0.463	0.463	
5/23/2016	03:20	1.77	21:05	3.59	2.67	04:05	3.53	21:45	6.44	5.43	04:05	0.153	21:05	0.737	0.431	0.431	
5/24/2016	03:20	1.75	21:05	3.59	2.65	02:55	3.25	21:20	6.43	5.39	02:55	0.137	21:05	0.724	0.424	0.424	
5/25/2016	02:35	1.72	21:25	3.63	2.64	02:35	3.10	21:25	6.36	5.36	02:35	0.126	21:25	0.740	0.419	0.419	
5/26/2016	04:00	1.82	07:00	3.63	2.65	02:55	3.11	21:30	6.52	5.36	02:55	0.138	21:30	0.745	0.421	0.421	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	03:15	1.79	07:15	3.46	2.66	03:20	2.97	07:10	6.32	5.35	03:20	0.129	07:15	0.687	0.423	0.423	
5/28/2016	03:45	1.81	12:00	3.28	2.71	03:00	3.07	11:50	6.36	5.39	03:10	0.135	12:00	0.638	0.440	0.440	
5/29/2016	04:05	1.81	11:55	3.35	2.68	04:15	3.49	12:00	6.30	5.31	04:05	0.154	11:55	0.649	0.425	0.425	
5/30/2016	03:45	1.84	12:25	3.66	2.78	04:20	3.39	11:15	6.39	5.44	03:45	0.152	12:25	0.747	0.464	0.464	
5/31/2016	03:20	1.81	21:30	3.72	2.67	03:20	3.11	06:30	6.39	5.34	03:20	0.137	21:30	0.764	0.424	0.424	
6/1/2016	03:30	1.79	21:30	3.63	2.67	01:45	3.13	20:40	6.32	5.29	01:45	0.139	21:35	0.728	0.422	0.422	
6/2/2016	02:35	1.83	21:30	3.64	2.71	03:10	3.12	18:50	6.36	5.33	03:10	0.140	07:05	0.738	0.431	0.431	
6/3/2016	03:35	1.78	07:05	3.57	2.63	02:55	3.03	07:40	6.31	5.31	02:55	0.132	07:05	0.717	0.413	0.413	
6/4/2016	04:05	1.78	11:35	3.50	2.74	04:00	3.02	13:10	6.29	5.42	04:00	0.131	11:35	0.689	0.446	0.446	
6/5/2016	03:40	1.84	10:30	3.51	2.77	04:05	3.29	22:00	6.34	5.41	04:05	0.148	10:30	0.695	0.455	0.455	
6/6/2016	03:30	1.84	21:30	3.70	2.67	03:15	3.28	21:30	6.43	5.34	03:15	0.147	21:30	0.769	0.422	0.422	
6/7/2016	03:15	1.81	21:40	3.40	2.66	02:55	3.27	07:10	6.28	5.26	02:55	0.145	21:40	0.662	0.414	0.414	
6/8/2016	02:25	1.82	07:10	3.57	2.70	02:55	3.11	21:20	6.34	5.31	02:55	0.138	07:10	0.708	0.427	0.427	
6/9/2016	02:15	1.80	06:35	3.83	2.69	04:10	3.17	21:50	6.30	5.25	04:10	0.142	06:35	0.765	0.422	0.421	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			25.693	0.51
Avg	2.65	5.43	0.428	

Site Commentary

Site Information

SF_Bas02	
Pipe Dimensions	12.00" x 12.00"
Silt Level	0.00"

Overview

Site SF_Bas02 functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. Review of the scattergraph shows that flows remained free flowing throughout the period.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located downstream of location SF_Bound432. A review of balancing indicated no problems. A net flow of .330 MGD was reported for the period.

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 26% full at its recorded peak of 3.11 inches and approximately 21% full during its recorded average depth of 2.48 inches.

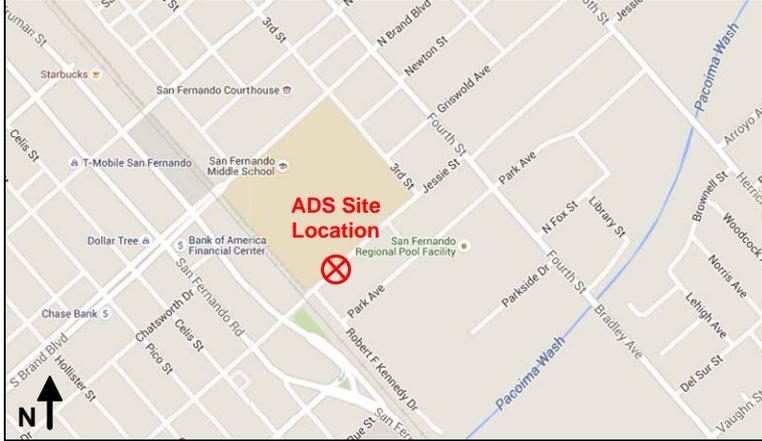
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	2.48	4.65	0.366
Minimum	1.47	2.68	0.108
Maximum	3.30	6.19	0.692
Time of Minimum	4/27/2016 4:05 AM	5/11/2016 2:25 AM	5/11/2016 2:25 AM
Time of Maximum	5/6/2016 4:00 PM	5/26/2016 2:35 PM	5/26/2016 2:35 PM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

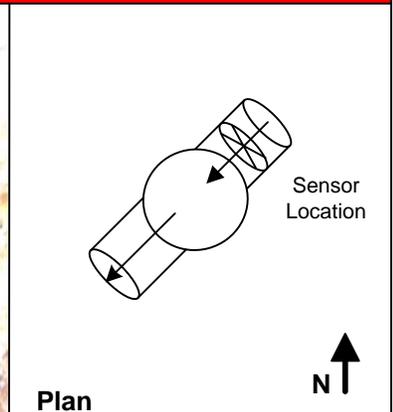
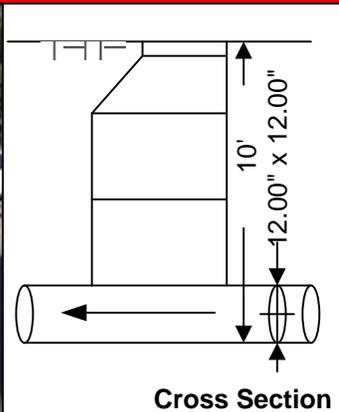
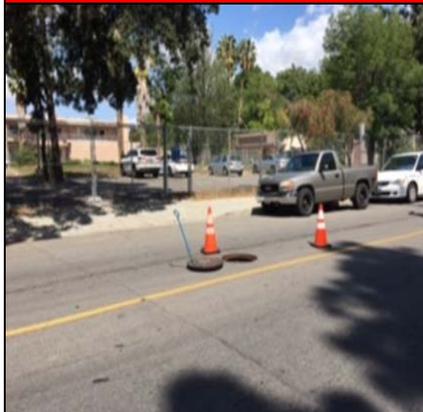
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bas02		Install Date: 03/30/16		Monitor Type: Peak Doppler			
Address/Location: Jessie & 1 st St				Monitor Model: Triton			
				Data Acquisition: Manual/Wireless Collect			
				Manhole ID:			
Access: Drive		Type of System:		Pipe Height: 12.00"			
		Sanitary <input checked="" type="checkbox"/>		Storm <input type="checkbox"/>		Combined <input type="checkbox"/>	
				Pipe Width: 12.00"			



Investigation Information: Manhole Information:

Date/Time of Investigation:		03/30/16 12:05		Manhole Depth:		10'	
Site Hydraulics:		Good straight through flow		Manhole Material / Condition:		Precast/Good	
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition:		PVC/Good	
Upstream Manhole:		Not investigated		Land Use:		Residential <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Trunk <input type="checkbox"/>	
Downstream Manhole:		Not investigated		Oxygen: 20.9		H2S: 0	
Depth of Flow:		2.38 +/- 0.25		LEL: 0		CO: 0	
Range (Air DOF):		+/-		Safety Notes: 2 man crew required; Night sight due to traffic control			
Peak Velocity:		5.70 fps					
Silt:		0.00 Inches					

Other Information:



Installation Information		Backup		Yes	No	?	Distance
Installation Type:	Standard	Trunk			x		
Sensors Devices:	Ultrasonic/Pressure/Velocity	Lift / Pump Station			x		
Surcharge Height:	0	WWTP			x		
Rain Gauge Zone:		Other			x		

Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

SF_Bas02

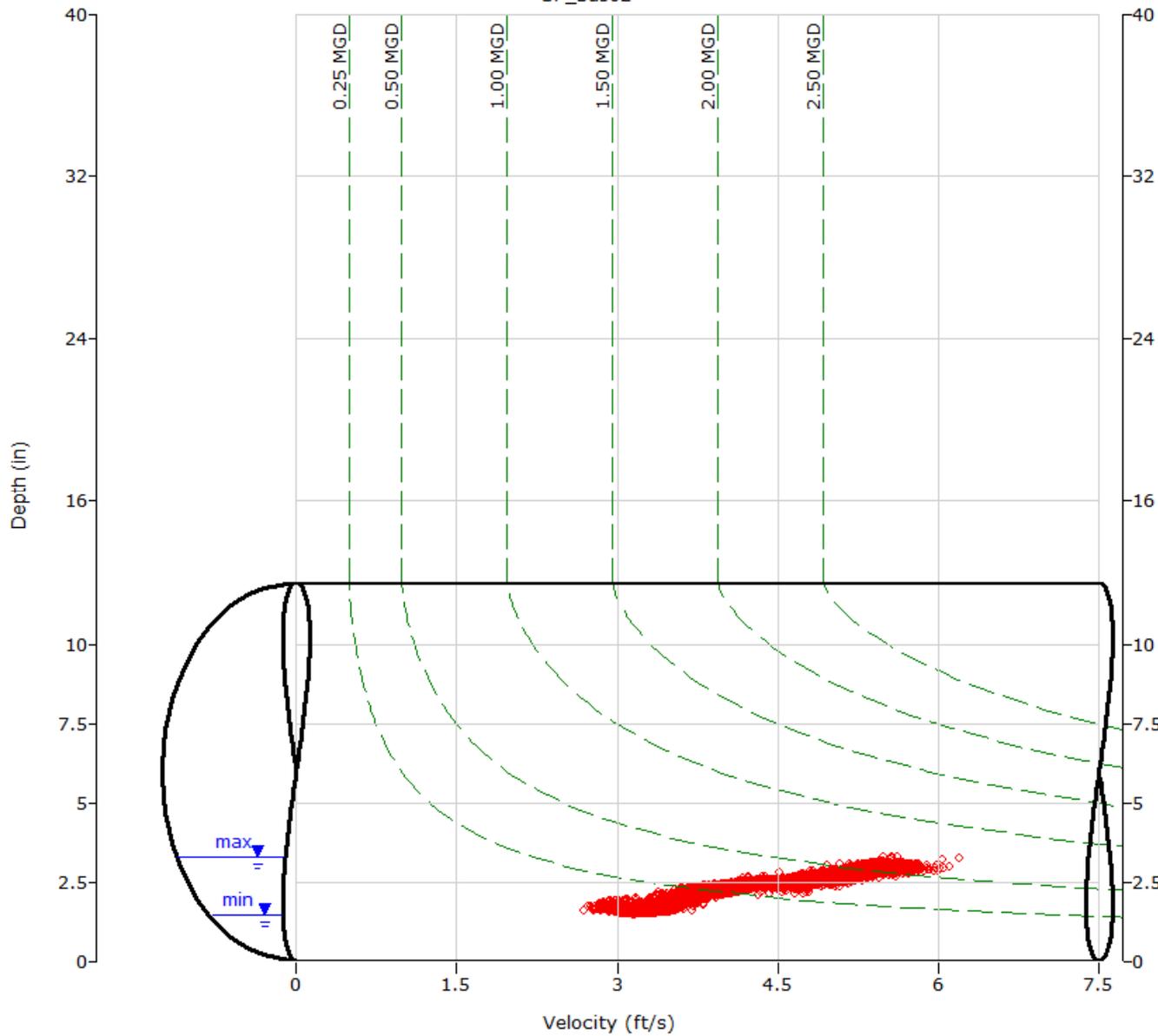
Flow Monitor
SF_Bas02

Pipe Height
12.00 in

Report Period
4/11/2016
To
6/9/2016

Legend

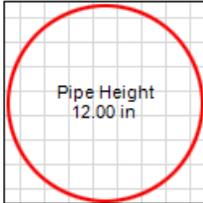
- Depth - Velocity
- - - Iso-Q™
- - - Silt
- ▼ Min-Max Depth



HYDROGRAPH REPORT

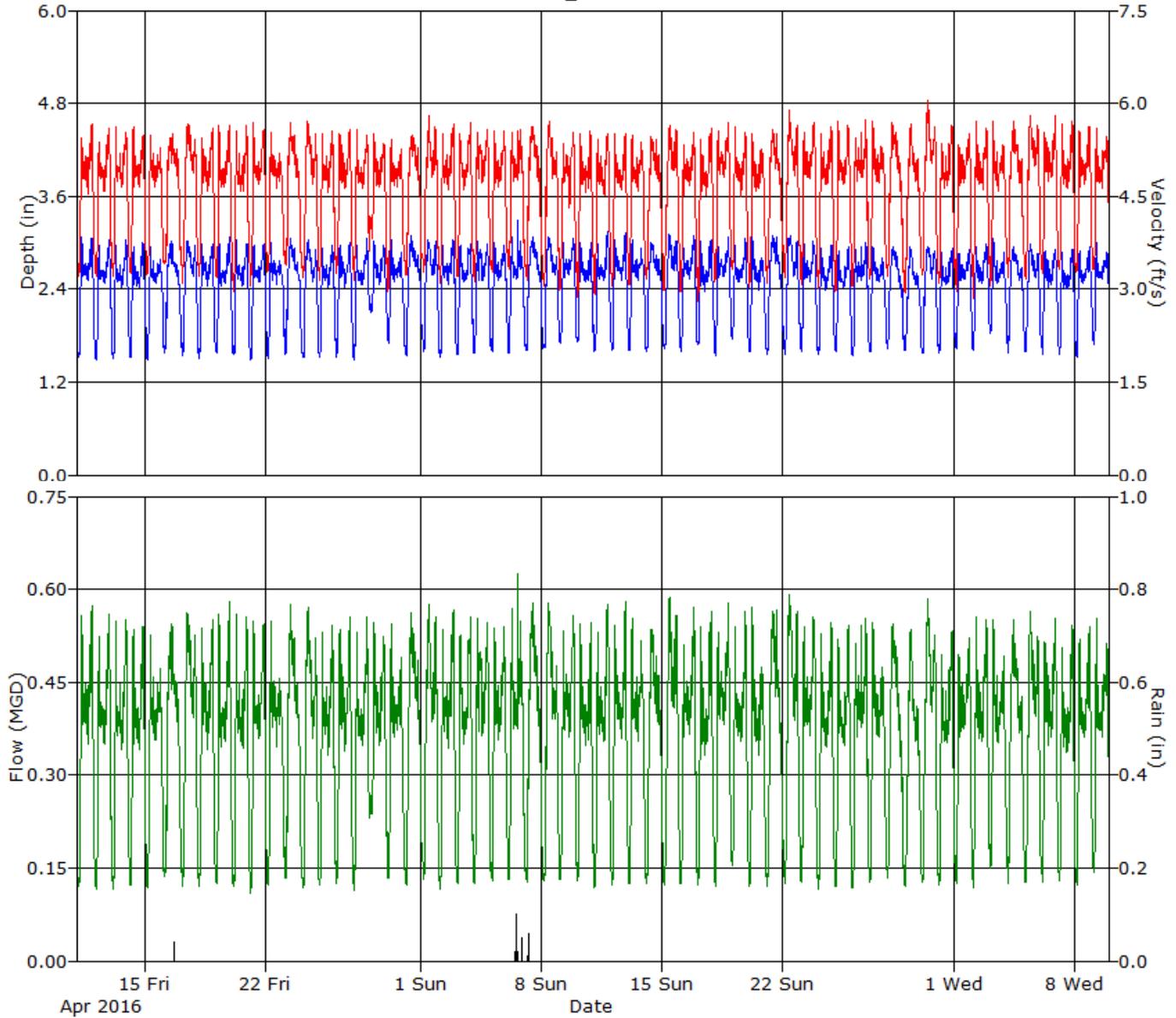
SF_Bas02

Flow Monitor
SF_Bas02



Report Period
4/11/2016
To
6/9/2016

- Legend
- Depth
 - Velocity
 - Quantity
 - Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bas02, Pipe Height: 12 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	03:40	1.53	07:25	3.11	2.48	03:30	3.19	21:25	5.71	4.63	03:30	0.121	21:30	0.578	0.367	0.367	
4/12/2016	04:15	1.49	21:05	3.08	2.43	03:25	3.20	20:45	5.68	4.61	03:25	0.116	21:05	0.569	0.356	0.356	
4/13/2016	03:35	1.49	21:10	3.04	2.44	03:35	3.19	07:35	5.64	4.66	03:35	0.116	21:10	0.557	0.360	0.360	
4/14/2016	03:20	1.52	21:30	3.02	2.43	03:20	3.22	07:15	5.68	4.64	03:20	0.120	21:30	0.549	0.357	0.357	
4/15/2016	02:45	1.49	07:30	2.97	2.42	02:40	3.21	07:20	5.54	4.60	02:45	0.116	07:20	0.538	0.350	0.350	
4/16/2016	03:30	1.55	12:00	3.03	2.49	04:10	3.39	09:50	5.58	4.69	03:30	0.132	13:50	0.546	0.372	0.372	0.04
4/17/2016	04:00	1.52	11:00	3.04	2.49	04:20	3.07	14:10	5.76	4.71	04:25	0.120	10:25	0.570	0.378	0.378	
4/18/2016	03:45	1.49	07:20	3.02	2.46	02:35	3.17	21:40	5.63	4.64	02:35	0.119	07:20	0.556	0.363	0.363	
4/19/2016	04:25	1.56	21:40	3.10	2.46	03:15	3.16	21:30	5.74	4.63	03:50	0.125	21:40	0.586	0.363	0.363	
4/20/2016	03:25	1.55	07:40	3.06	2.45	02:55	2.89	21:20	5.65	4.57	03:15	0.120	07:25	0.564	0.357	0.357	
4/21/2016	02:45	1.49	21:45	3.00	2.45	02:50	3.04	07:10	5.72	4.64	02:45	0.110	07:10	0.558	0.361	0.361	
4/22/2016	03:25	1.51	07:40	3.00	2.43	02:15	3.20	07:10	5.68	4.61	03:30	0.120	07:35	0.552	0.353	0.353	
4/23/2016	04:00	1.55	10:05	3.07	2.50	04:00	3.38	11:05	5.81	4.69	04:00	0.130	11:05	0.590	0.377	0.377	
4/24/2016	04:10	1.50	11:35	3.04	2.46	04:00	3.18	11:55	5.77	4.66	04:10	0.117	11:55	0.578	0.369	0.369	
4/25/2016	04:05	1.52	20:20	2.99	2.45	03:35	3.11	20:10	5.59	4.62	03:35	0.120	20:20	0.550	0.359	0.359	
4/26/2016	03:25	1.51	21:55	3.01	2.46	02:30	3.16	21:50	5.58	4.64	02:30	0.121	21:55	0.557	0.362	0.362	
4/27/2016	04:05	1.47	20:55	3.06	2.44	03:50	3.14	07:05	5.63	4.61	04:05	0.112	21:10	0.559	0.357	0.357	
4/28/2016	02:15	2.09	21:45	3.03	2.56	01:00	3.39	07:10	5.53	4.73	00:30	0.210	07:30	0.554	0.381	0.381	
4/29/2016	03:15	1.68	10:05	3.09	2.48	02:35	2.86	10:05	5.52	4.53	02:35	0.130	10:05	0.571	0.355	0.355	
4/30/2016	04:15	1.54	12:00	3.13	2.51	04:10	3.20	13:35	5.52	4.64	04:10	0.121	12:00	0.579	0.375	0.375	
5/1/2016	04:50	1.58	10:30	3.05	2.50	04:35	3.26	12:20	5.80	4.67	05:45	0.131	12:15	0.581	0.375	0.375	
5/2/2016	03:30	1.50	21:15	3.05	2.49	03:40	3.05	21:50	5.68	4.67	03:30	0.115	21:55	0.571	0.371	0.371	
5/3/2016	03:40	1.55	07:10	3.01	2.47	03:55	3.13	07:15	5.71	4.66	03:55	0.121	21:40	0.561	0.366	0.366	
5/4/2016	02:45	1.57	07:35	3.02	2.50	02:35	3.09	20:55	5.64	4.69	03:40	0.122	07:35	0.558	0.374	0.374	
5/5/2016	04:05	1.58	07:35	3.04	2.48	04:00	3.14	07:15	5.63	4.63	04:00	0.127	07:35	0.553	0.365	0.365	
5/6/2016	03:10	1.57	16:00	3.30	2.53	03:55	3.26	08:00	5.68	4.69	03:55	0.128	16:10	0.629	0.381	0.381	0.34
5/7/2016	04:25	1.60	12:10	3.10	2.53	04:15	3.09	10:40	5.72	4.70	04:15	0.126	12:15	0.588	0.384	0.384	0.13
5/8/2016	03:15	1.61	11:00	3.10	2.51	03:20	3.02	12:15	5.75	4.63	03:20	0.127	10:50	0.583	0.376	0.376	
5/9/2016	04:00	1.69	21:35	3.08	2.52	03:20	2.79	21:35	5.61	4.59	03:20	0.123	21:35	0.576	0.372	0.372	
5/10/2016	04:10	1.70	21:45	3.03	2.49	03:45	2.85	20:20	5.73	4.57	03:35	0.128	21:45	0.559	0.361	0.361	
5/11/2016	02:15	1.59	21:40	3.15	2.49	02:25	2.68	20:45	5.64	4.55	02:25	0.108	20:45	0.593	0.362	0.362	
5/12/2016	03:30	1.60	21:40	3.15	2.53	03:35	3.03	21:45	5.57	4.57	03:30	0.122	21:45	0.592	0.372	0.372	
5/13/2016	04:10	1.59	07:25	3.10	2.48	03:25	3.02	07:15	5.52	4.55	04:10	0.122	07:25	0.573	0.358	0.358	
5/14/2016	04:10	1.58	11:55	3.06	2.51	04:10	3.12	09:45	5.57	4.60	04:10	0.123	11:55	0.563	0.370	0.370	
5/15/2016	05:25	1.52	11:20	3.13	2.52	04:50	2.84	10:20	5.79	4.64	05:25	0.113	11:50	0.592	0.378	0.378	
5/16/2016	04:10	1.58	21:00	3.09	2.51	03:25	2.78	21:00	5.54	4.58	03:25	0.112	21:00	0.574	0.367	0.367	
5/17/2016	02:20	1.66	07:00	3.05	2.47	04:00	2.73	21:55	5.64	4.56	03:40	0.120	21:50	0.571	0.358	0.358	
5/18/2016	03:55	1.54	21:40	3.08	2.52	02:50	3.10	21:50	5.74	4.72	03:40	0.120	21:45	0.588	0.382	0.382	
5/19/2016	02:50	1.74	20:50	3.07	2.52	02:35	3.30	07:00	5.69	4.65	02:35	0.152	20:55	0.568	0.370	0.370	
5/20/2016	03:50	1.59	07:05	3.10	2.46	02:50	3.01	07:05	5.55	4.54	02:50	0.121	07:05	0.578	0.352	0.352	
5/21/2016	03:40	1.55	17:15	3.15	2.52	03:35	2.98	11:35	5.68	4.64	03:35	0.115	17:10	0.588	0.379	0.379	
5/22/2016	04:50	1.55	11:50	3.10	2.52	04:10	3.09	11:00	5.99	4.73	04:10	0.121	11:00	0.601	0.385	0.385	
5/23/2016	04:05	1.59	19:35	3.03	2.49	03:35	2.98	20:40	5.77	4.70	03:35	0.122	19:35	0.563	0.372	0.372	
5/24/2016	03:30	1.55	22:05	2.97	2.43	03:25	2.99	20:55	5.72	4.63	03:20	0.115	20:55	0.559	0.356	0.356	
5/25/2016	04:10	1.58	20:50	3.00	2.42	03:40	2.91	07:00	5.78	4.64	04:05	0.117	20:50	0.559	0.354	0.354	
5/26/2016	03:35	1.53	14:35	3.26	2.47	02:05	2.92	14:35	6.19	4.68	02:05	0.113	14:35	0.692	0.369	0.369	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	04:00	1.58	06:25	3.19	2.45	03:00	3.14	06:25	6.03	4.65	03:35	0.125	06:25	0.654	0.359	0.359	
5/28/2016	03:40	1.61	10:40	2.95	2.46	04:20	3.18	10:15	5.78	4.69	04:20	0.130	10:35	0.548	0.367	0.367	
5/29/2016	03:35	1.59	11:10	2.96	2.38	04:05	2.90	12:25	5.86	4.55	04:05	0.119	11:55	0.541	0.340	0.340	
5/30/2016	04:40	1.57	12:30	2.97	2.47	04:40	3.22	12:30	6.10	4.80	04:40	0.126	12:30	0.596	0.380	0.380	
5/31/2016	03:35	1.57	21:45	2.92	2.45	04:05	3.06	21:30	5.67	4.67	04:05	0.120	21:45	0.539	0.361	0.361	
6/1/2016	04:10	1.62	21:25	2.96	2.46	03:55	2.94	21:00	5.55	4.64	03:55	0.123	21:25	0.527	0.361	0.361	
6/2/2016	02:45	1.61	21:50	2.99	2.48	03:45	2.79	07:30	5.76	4.65	03:45	0.115	07:35	0.558	0.367	0.367	
6/3/2016	03:35	1.80	07:35	3.07	2.52	03:35	2.83	07:10	5.77	4.63	03:35	0.135	07:35	0.555	0.369	0.369	
6/4/2016	03:40	1.56	11:40	2.96	2.49	03:50	3.10	11:05	5.83	4.74	03:50	0.121	11:05	0.563	0.375	0.375	
6/5/2016	04:00	1.56	10:55	3.08	2.48	04:20	3.12	10:35	5.83	4.79	03:55	0.124	10:55	0.597	0.379	0.379	
6/6/2016	04:05	1.54	21:35	2.93	2.45	03:45	3.21	21:35	5.82	4.75	04:05	0.124	21:35	0.559	0.368	0.368	
6/7/2016	04:10	1.53	21:30	2.92	2.41	04:10	3.26	21:05	5.78	4.68	04:10	0.122	21:05	0.545	0.352	0.352	
6/8/2016	03:55	1.52	21:45	2.94	2.45	03:25	3.26	07:00	5.81	4.69	03:40	0.123	20:40	0.547	0.363	0.363	
6/9/2016	03:40	1.67	07:15	3.03	2.49	02:00	3.30	07:35	5.64	4.66	03:35	0.142	07:15	0.565	0.366	0.366	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			21.987	0.51
Avg	2.48	4.65	0.366	

Site Commentary

Site Information

SF_Bas03	
Pipe Dimensions	10.88" x 10.88"
Silt Level	0.00"

Overview

Site SF_Bas03 functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. Review of the scattergraph shows that flows operated in multiple data regimes throughout the period. Backwater conditions were experienced during the period April 21, 2016 through April 28, 2016. The ultrasonic and velocity sensors became fouled from April 28, 2016 through April 29, 2016. Data recorded during this period were not included in the finalization process.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 48% full during its recorded peak of 5.17 inches and approximately 28% full during its recorded average depth of 3.07 inches.

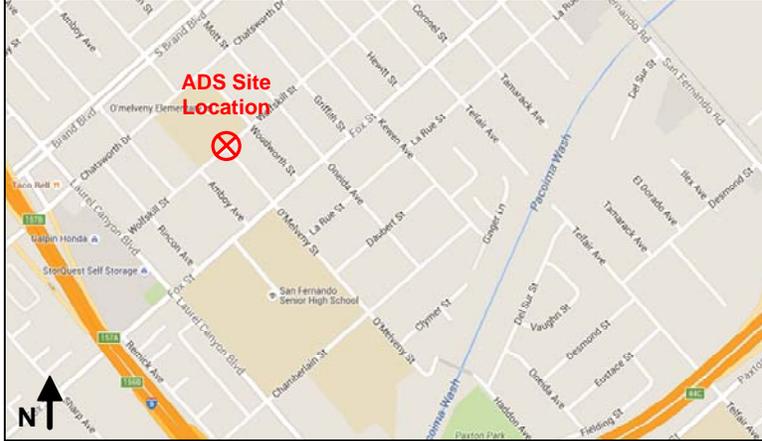
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	3.07	3.54	0.343
Minimum	1.54	0.56	0.042
Maximum	5.82	5.42	0.819
Time of Minimum	4/26/2016 1:25 PM	4/22/2016 3:55 AM	5/5/2016 2:50 AM
Time of Maximum	4/21/2016 8:50 PM	5/18/2016 3:50 PM	5/27/2016 7:30 AM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	98
Velocity (ft/s)	98
Quantity (MGD)	98

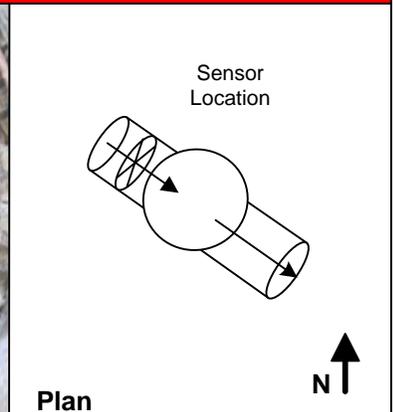
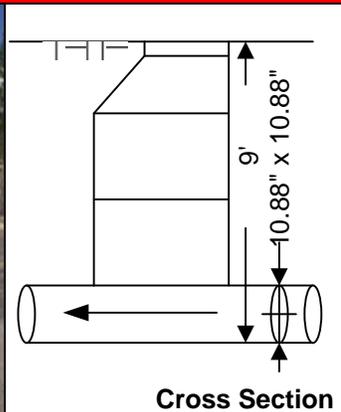
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bas03		Install Date: 03/30/16		Monitor Type: Peak Doppler			
Address/Location: Wolfskill St & O'Melveny St.				Monitor Model: Triton			
				Data Acquisition: Manual/Wireless Collect			
				Manhole ID:			
Access: Drive	Type of System:	Sanitary <input checked="" type="checkbox"/>	Storm <input type="checkbox"/>	Combined <input type="checkbox"/>	Pipe Height: 10.88"		
						Pipe Width: 10.88"	



Investigation Information: Manhole Information:

Date/Time of Investigation:		03/30/16 11:00		Manhole Depth:		9'	
Site Hydraulics:		Fast straight through flow		Manhole Material / Condition:		Brick/Fair	
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition:		PVC/Fair	
Upstream Manhole:		Not investigated		Land Use:		Residential <input checked="" type="checkbox"/>	Commercial <input type="checkbox"/>
Downstream Manhole:		Not investigated		Oxygen: 20.9		H2S: 0	LEL: 0
Depth of Flow:		2.75	+/- 0.25	Safety Notes: 2 man crew required; No special requirements			
Range (Air DOF):		+/-					
Peak Velocity:		5.51	fps				
Silt:		0.00	Inches				

Other Information:



Installation Information		Backup		Yes	No	?	Distance
Installation Type:	Standard	Trunk			x		
Sensors Devices:	Ultrasonic/Pressure/Velocity	Lift / Pump Station			x		
Surcharge Height:	0	WWTP			x		
Rain Gauge Zone:		Other			x		

Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

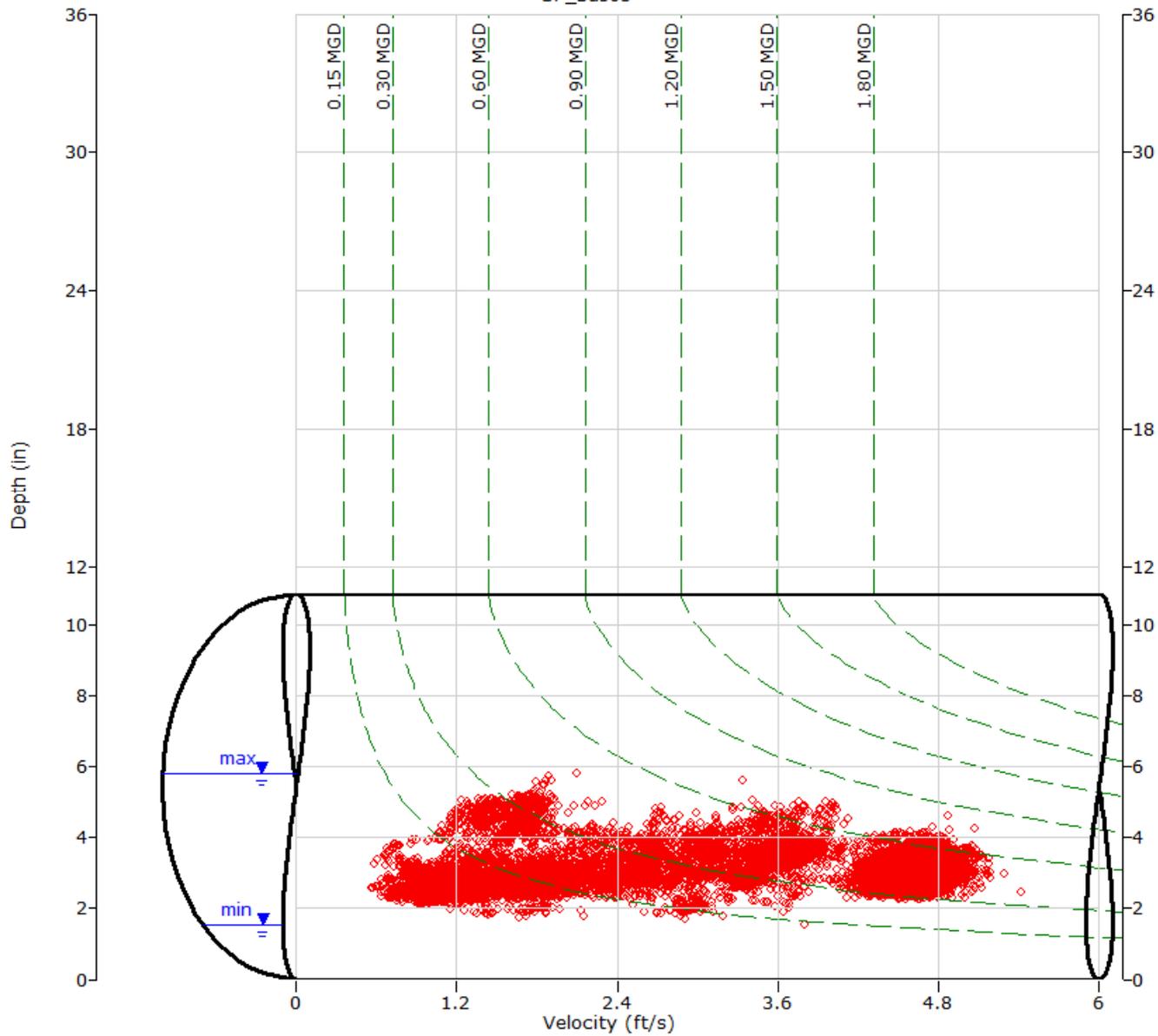
SF_Bas03

Flow Monitor
SF_Bas03

Pipe Height
10.88 in

Report Period
4/11/2016
To
6/9/2016

Legend
○ Depth - Velocity
--- Iso-Q™
--- Silt
▼ Min-Max Depth



HYDROGRAPH REPORT

SF_Bas03

Flow Monitor
SF_Bas03

Pipe Height
10.88 in

Report Period
4/11/2016
To
6/9/2016

Legend
— Depth
— Velocity
— Quantity
— Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bas03, Pipe Height: 10.88 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	23:20	2.35	15:15	3.80	2.96	02:30	0.95	18:35	5.13	3.74	02:10	0.067	16:10	0.562	0.351	0.351	
4/12/2016	16:10	2.34	06:35	3.15	2.57	00:45	1.10	19:50	5.11	3.88	04:00	0.074	06:35	0.428	0.291	0.291	
4/13/2016	08:40	2.23	22:50	3.10	2.57	03:15	1.01	21:50	4.90	3.83	03:15	0.068	22:10	0.435	0.286	0.286	
4/14/2016	02:50	2.33	11:15	4.43	3.06	02:00	1.01	21:15	4.90	3.80	02:00	0.067	11:25	0.615	0.381	0.381	
4/15/2016	02:00	2.46	23:25	3.58	3.05	03:50	1.04	18:25	4.97	3.76	03:50	0.075	20:30	0.502	0.365	0.365	
4/16/2016	03:40	2.44	22:55	3.97	3.28	03:50	1.03	12:10	5.18	3.63	03:50	0.072	09:25	0.586	0.398	0.398	0.04
4/17/2016	03:45	2.71	06:35	3.98	3.49	03:45	0.85	21:10	5.06	3.39	03:45	0.069	18:45	0.645	0.406	0.406	
4/18/2016	04:10	2.79	10:15	4.20	3.50	04:10	0.90	19:45	5.13	3.48	04:10	0.076	22:00	0.647	0.415	0.415	
4/19/2016	03:05	2.77	06:10	4.05	3.52	03:40	0.86	21:10	5.05	3.49	03:40	0.073	11:55	0.658	0.415	0.415	
4/20/2016	04:00	2.75	06:30	3.76	3.15	01:35	0.96	20:50	5.09	3.72	04:00	0.082	07:30	0.563	0.373	0.373	
4/21/2016	04:05	2.66	20:50	5.82	3.77	10:30	1.01	08:55	4.86	2.31	04:00	0.083	10:40	0.722	0.287	0.287	
4/22/2016	03:55	2.58	08:10	5.07	4.16	03:55	0.56	12:05	1.67	1.21	03:55	0.043	07:30	0.311	0.187	0.187	
4/23/2016	03:10	3.02	10:50	5.72	4.23	02:00	0.59	10:05	1.90	1.47	02:00	0.061	10:50	0.419	0.229	0.229	
4/24/2016	23:55	2.65	13:15	5.72	3.94	04:35	0.99	13:05	2.28	1.65	04:35	0.081	13:05	0.429	0.234	0.234	
4/25/2016	01:40	1.75	16:15	4.84	3.14	02:35	1.33	22:15	3.35	2.47	02:35	0.064	19:40	0.525	0.262	0.262	
4/26/2016	13:25	1.54	21:30	5.05	3.26	03:05	2.70	13:30	4.18	3.37	03:10	0.127	19:30	0.740	0.369	0.369	
4/27/2016	06:05	1.68	11:45	4.88	3.55	04:10	1.73	20:05	3.97	3.27	04:10	0.111	20:10	0.706	0.405	0.405	
4/28/2016	06:00	1.76	09:40	4.38	2.99	03:10	0.91	07:40	3.47	2.44	05:00	0.060	09:40	0.531	0.249	0.101	
4/29/2016	21:40	2.44	18:30	4.23	3.27	23:55	2.37	18:30	5.07	4.44	23:55	0.245	18:30	0.762	0.470	0.199	
4/30/2016	03:50	2.14	08:35	3.90	2.89	03:50	0.99	12:50	5.18	3.83	03:50	0.058	08:40	0.649	0.348	0.348	
5/1/2016	04:35	2.18	23:20	3.27	2.86	03:20	0.99	13:20	5.07	3.79	03:20	0.060	21:35	0.486	0.342	0.342	
5/2/2016	04:05	2.18	17:50	3.72	3.00	04:05	0.79	23:00	4.98	3.59	04:05	0.047	20:25	0.580	0.349	0.349	
5/3/2016	03:10	2.30	10:30	3.83	3.19	04:10	0.64	19:25	4.81	3.17	04:10	0.045	21:10	0.558	0.339	0.339	
5/4/2016	04:05	2.39	10:30	4.49	3.48	04:05	0.71	21:00	4.84	2.65	04:05	0.048	10:35	0.590	0.322	0.322	
5/5/2016	03:05	2.29	06:30	3.57	3.04	02:50	0.64	19:40	5.07	3.49	02:50	0.042	07:40	0.538	0.347	0.347	
5/6/2016	19:20	2.30	16:00	3.66	2.89	02:00	0.86	16:05	4.94	3.69	02:00	0.063	16:00	0.608	0.331	0.331	0.34
5/7/2016	03:55	2.16	20:35	4.14	3.12	02:45	0.91	09:05	5.19	3.76	04:00	0.059	20:40	0.685	0.393	0.393	0.13
5/8/2016	04:25	2.14	09:15	3.83	2.99	04:25	0.91	12:30	4.94	3.61	04:25	0.053	09:15	0.619	0.352	0.352	
5/9/2016	02:50	2.25	08:40	3.75	2.94	03:30	0.93	21:40	5.00	3.71	03:30	0.059	09:20	0.540	0.347	0.347	
5/10/2016	02:15	2.31	19:40	3.97	2.95	02:15	0.91	19:55	4.95	3.76	02:15	0.059	19:40	0.668	0.354	0.354	
5/11/2016	04:05	2.28	09:00	3.34	2.88	03:50	0.93	21:15	5.00	3.83	03:20	0.062	20:15	0.485	0.349	0.349	
5/12/2016	02:55	2.16	06:35	3.74	2.96	04:10	0.85	09:10	5.18	3.63	04:10	0.052	09:10	0.546	0.343	0.343	
5/13/2016	03:50	2.38	06:05	3.54	2.90	02:00	0.82	18:25	4.95	3.64	03:55	0.056	19:25	0.529	0.329	0.329	
5/14/2016	04:10	2.27	09:25	3.47	2.92	03:55	0.87	13:50	5.05	3.80	03:55	0.058	10:10	0.550	0.352	0.352	
5/15/2016	04:25	2.51	13:55	3.48	2.90	04:05	1.18	13:10	5.10	3.85	04:05	0.086	13:55	0.562	0.346	0.346	
5/16/2016	04:20	2.48	21:10	3.44	2.86	02:15	1.04	16:55	5.08	3.82	02:15	0.077	21:15	0.548	0.341	0.341	
5/17/2016	04:10	2.22	21:30	3.91	2.67	04:10	0.75	20:40	5.06	3.72	04:10	0.046	21:30	0.663	0.296	0.296	
5/18/2016	03:25	2.10	19:25	3.64	2.86	03:50	0.89	15:50	5.42	3.86	03:50	0.053	19:25	0.577	0.349	0.349	
5/19/2016	03:00	2.62	21:40	3.73	3.07	02:55	0.95	07:20	4.90	3.79	02:55	0.074	21:40	0.616	0.370	0.370	
5/20/2016	03:55	2.74	07:40	3.84	3.26	03:55	1.03	20:20	4.93	3.80	03:55	0.085	07:40	0.625	0.405	0.405	
5/21/2016	04:05	2.44	10:05	3.71	3.16	02:35	1.05	16:05	5.08	3.70	02:35	0.075	10:05	0.635	0.381	0.381	
5/22/2016	04:10	2.24	13:25	3.73	3.13	05:20	0.83	12:25	4.91	3.21	05:20	0.053	20:25	0.553	0.338	0.338	
5/23/2016	03:40	2.36	18:55	4.15	3.24	04:10	0.78	21:45	4.92	3.25	03:45	0.053	18:55	0.671	0.356	0.356	
5/24/2016	03:20	2.46	07:20	3.97	3.19	02:00	0.69	21:30	4.96	3.55	02:00	0.052	07:20	0.654	0.381	0.381	
5/25/2016	03:55	2.60	15:10	3.51	3.04	02:35	0.99	13:20	4.94	3.83	02:35	0.076	21:10	0.524	0.371	0.371	
5/26/2016	03:00	2.31	12:45	4.00	3.37	03:10	0.74	08:45	4.91	3.20	03:00	0.048	06:40	0.628	0.370	0.370	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	18:25	2.41	07:30	4.61	2.84	01:30	0.87	19:15	4.98	3.72	03:45	0.065	07:30	0.819	0.324	0.324	
5/28/2016	03:50	2.15	11:35	3.00	2.63	03:05	1.16	11:35	5.01	4.03	03:05	0.074	11:35	0.470	0.319	0.319	
5/29/2016	04:45	2.08	13:45	3.16	2.61	03:35	1.08	14:25	4.93	3.81	03:40	0.064	13:45	0.480	0.299	0.299	
5/30/2016	02:35	2.14	11:20	3.09	2.64	02:35	1.14	11:20	5.09	4.01	02:35	0.066	11:20	0.497	0.320	0.320	
5/31/2016	02:00	2.34	11:20	4.26	2.77	02:15	1.33	19:55	5.01	4.04	02:15	0.088	11:20	0.721	0.346	0.346	
6/1/2016	02:15	2.19	21:30	3.09	2.66	03:40	0.99	21:50	5.11	3.98	03:40	0.060	21:30	0.491	0.320	0.320	
6/2/2016	03:10	2.27	21:55	3.08	2.77	02:55	1.11	21:55	4.91	3.95	02:55	0.073	21:55	0.477	0.336	0.336	
6/3/2016	04:10	2.23	09:45	3.10	2.82	04:05	1.18	09:20	4.88	3.92	04:05	0.073	09:20	0.471	0.343	0.343	
6/4/2016	04:10	2.21	10:40	3.65	2.80	03:45	1.07	11:25	5.01	3.93	04:05	0.068	11:15	0.597	0.343	0.343	
6/5/2016	04:30	2.26	09:10	3.51	2.89	05:05	1.06	12:25	4.99	3.89	04:20	0.070	09:10	0.545	0.355	0.355	
6/6/2016	03:25	2.13	09:45	3.32	2.84	03:25	0.95	10:50	5.29	3.95	03:25	0.055	21:15	0.531	0.350	0.350	
6/7/2016	03:20	2.31	11:15	3.56	2.92	03:20	1.11	21:20	4.94	3.92	03:20	0.072	21:45	0.539	0.362	0.362	
6/8/2016	04:05	2.40	21:35	4.20	2.92	02:15	1.10	19:40	4.94	3.96	02:15	0.078	21:35	0.725	0.363	0.363	
6/9/2016	03:10	2.27	10:20	3.67	2.92	03:00	1.03	21:50	5.13	4.01	03:10	0.066	10:20	0.593	0.370	0.370	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			20.204	0.51
Avg	3.07	3.54	0.343	

Site Commentary

Site Information

Sf_Bas04	
Pipe Dimensions	18.00" x 18.00"
Silt Level	0.00"

Overview

Site Sf_Bas04 unctioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. Periodic invalid velocity data was recorded at this location due to partial fouling of the sensor. The apparent occasional velocity outliers during the period between April 14 and May 4 were reconstituted using the best fit curve generated based on the depth to velocity relationship exhibited by this line.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located downstream of locations SF_Bas02, SF_Bas4A, SF_Bas4B, and SF_Bound595alt. A review of balancing showed minimal net flows. An average net of .066 MGD was reported for the period.

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 33% full during its recorded peak of 6.02 inches and approximately 24% full during its recorded average depth of 4.40 inches.

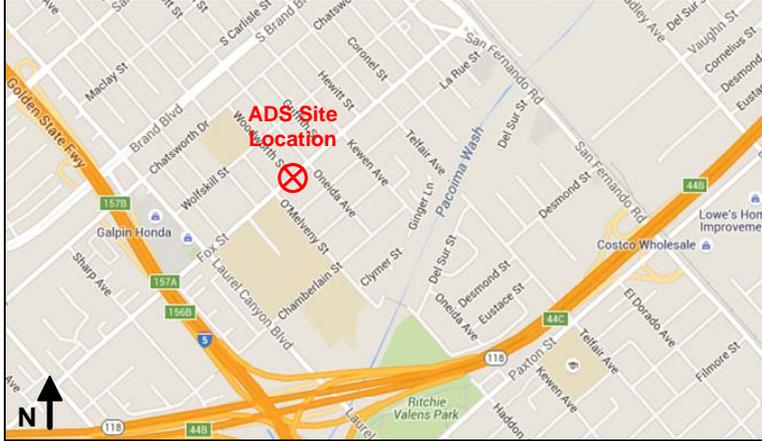
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	4.40	6.53	1.464
Minimum	2.28	4.64	0.398
Maximum	6.29	7.37	2.466
Time of Minimum	6/2/2016 3:55 AM	4/20/2016 3:15 AM	6/2/2016 3:55 AM
Time of Maximum	4/16/2016 10:30 AM	5/23/2016 9:40 PM	6/4/2016 12:50 PM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

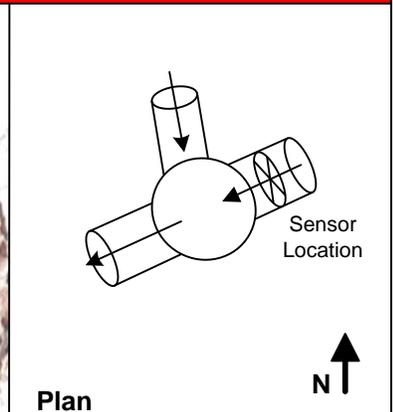
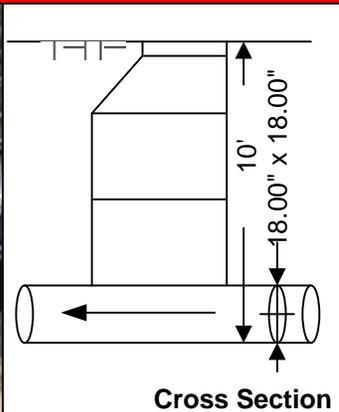
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bas04		Install Date: 03/30/16		Monitor Type		Peak Doppler	
Address/Location: Fox St & Woodworth St				Monitor Model		Triton	
				Data Acquisition		Manual/Wireless Collect	
				Manhole ID			
Access: Drive	Type of System:	Sanitary <input checked="" type="checkbox"/>	Storm <input type="checkbox"/>	Combined <input type="checkbox"/>	Pipe Height:		18.00"
					Pipe Width:		18.00"



Investigation Information: Manhole Information:

Date/Time of Investigation:		03/30/16 10:45		Manhole Depth:		10'	
Site Hydraulics:		Fast straight through flow		Manhole Material / Condition		Brick/Fair	
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition:		VCP/Fair	
Upstream Manhole:		Not investigated		Land Use:		Residential <input checked="" type="checkbox"/>	Commercial <input type="checkbox"/>
Downstream Manhole:		Not investigated		Oxygen: 20.9		H2S: 0	LEL: 0
Depth of Flow:		4.75	+/- 0.25	Safety Notes: 2 man crew required; No special requirements			
Range (Air DOF):		+/-					
Peak Velocity:		7.37	fps				
Silt:		0.00	Inches				

Other Information:



Installation Information		Backup		Yes	No	?	Distance
Installation Type:	Standard	Trunk			x		
Sensors Devices:	Ultrasonic/Pressure/Velocit	Lift / Pump Station			x		
Surcharge Height:	0	WWTP			x		
Rain Gauge Zone:		Other			x		

Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

Sf_Bas04

Flow Monitor

Sf_Bas04

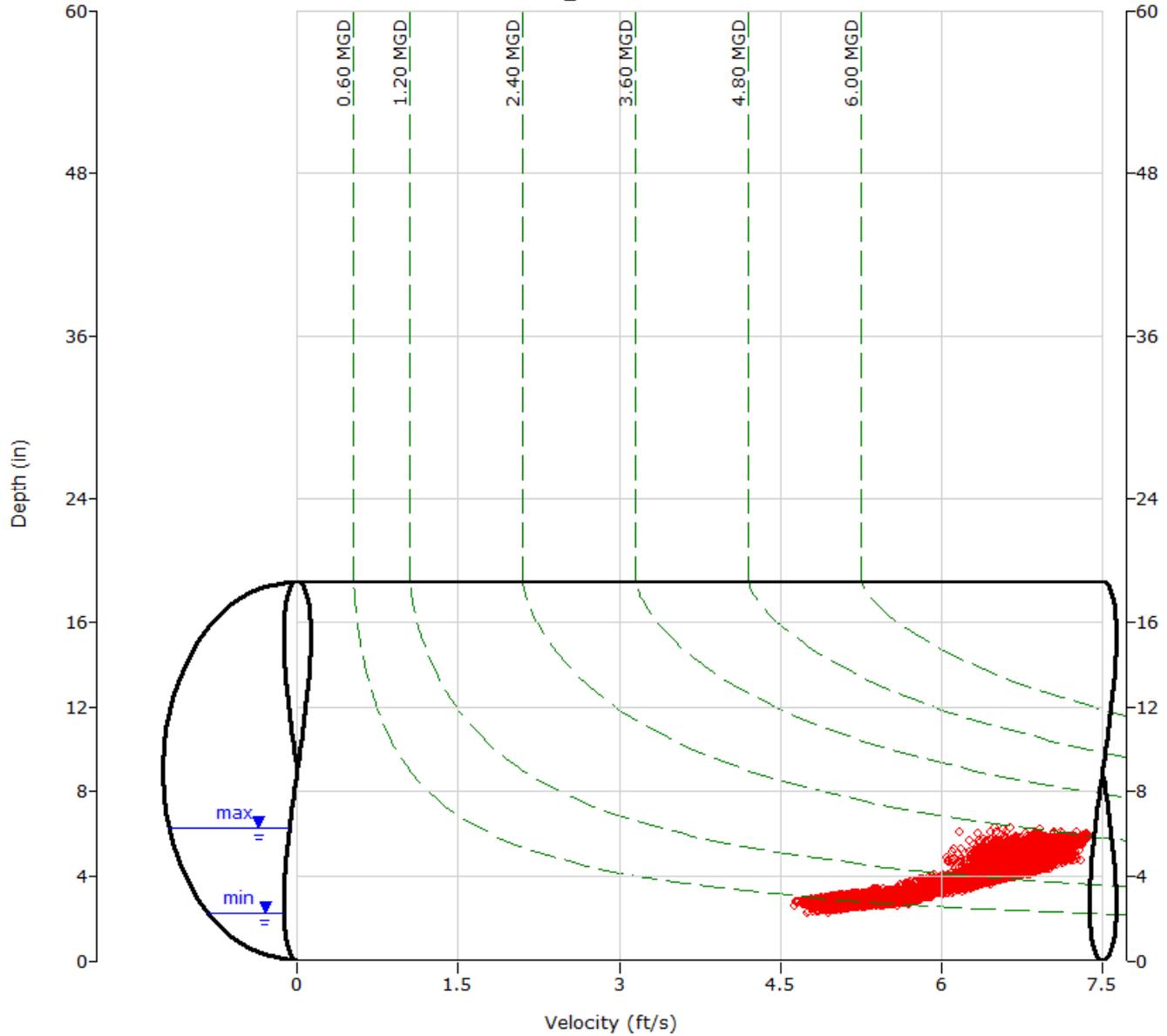
Pipe Height
18.00 in

Report Period

4/11/2016
To
6/9/2016

Legend

- Depth - Velocity
- - - Iso-Q™
- - - Silt
- ▼ Min-Max Depth



HYDROGRAPH REPORT

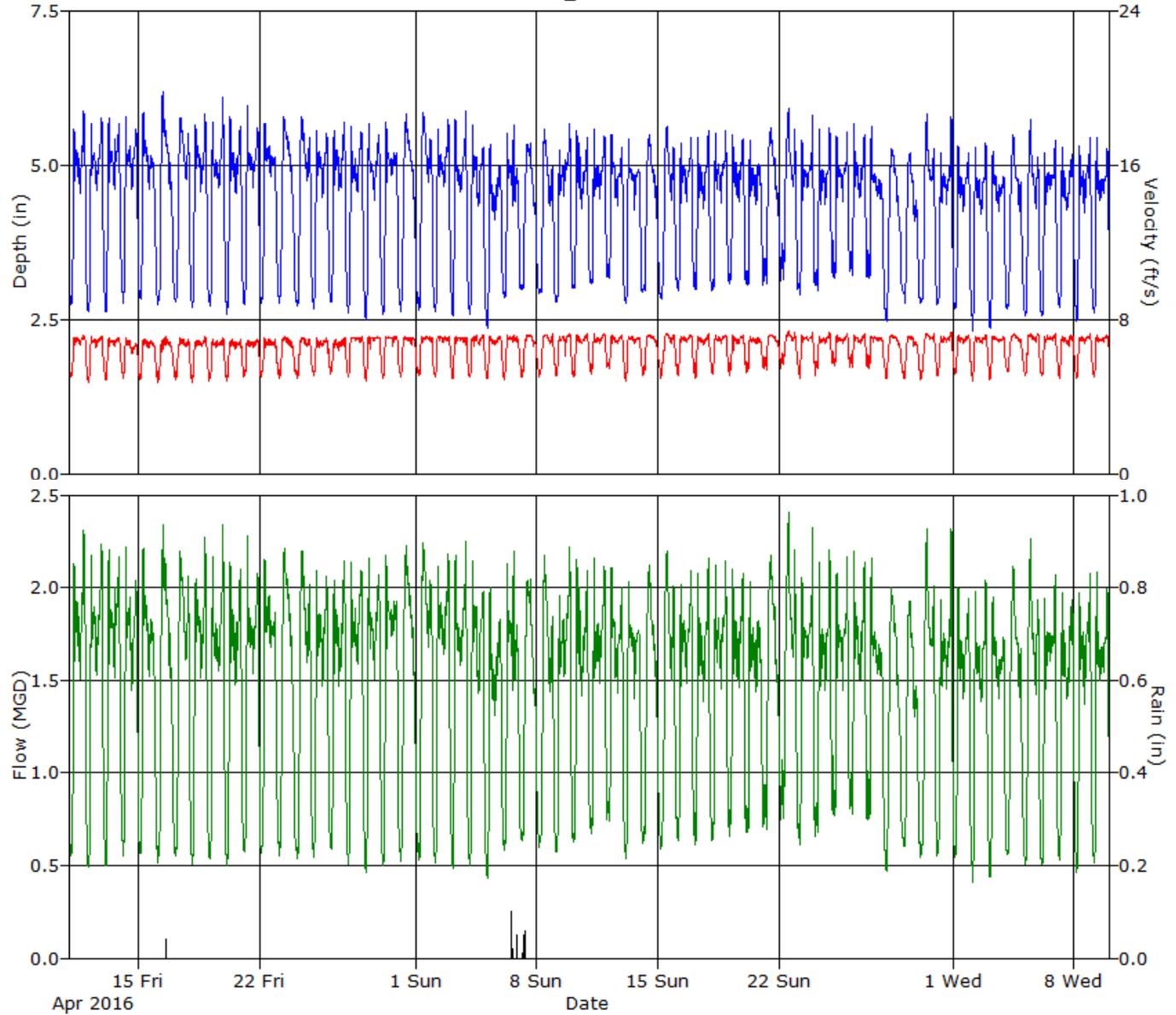
Sf_Bas04

Flow Monitor
Sf_Bas04

Pipe Height
18.00 in

Report Period
4/11/2016
To
6/9/2016

Legend
— Depth
— Velocity
— Quantity
— Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

Sf_Bas04, Pipe Height: 18 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	03:15	2.74	21:15	5.98	4.54	02:30	5.01	20:50	7.25	6.51	03:50	0.551	21:15	2.368	1.534	1.534	
4/12/2016	03:10	2.61	21:20	5.77	4.52	03:25	4.72	21:35	7.15	6.43	03:10	0.487	21:15	2.238	1.515	1.515	
4/13/2016	03:50	2.62	07:50	5.76	4.57	03:40	4.81	21:50	7.06	6.44	03:40	0.497	07:50	2.218	1.530	1.530	
4/14/2016	03:30	2.74	07:25	5.89	4.60	03:30	4.95	07:45	7.02	6.31	03:30	0.545	07:25	2.265	1.499	1.499	
4/15/2016	04:25	2.83	07:20	5.85	4.54	04:20	4.74	18:35	7.06	6.36	04:20	0.546	07:35	2.219	1.490	1.490	
4/16/2016	04:15	2.72	10:30	6.29	4.53	04:00	4.66	14:15	7.14	6.29	04:15	0.511	10:35	2.433	1.483	1.483	0.04
4/17/2016	04:20	2.76	11:15	5.80	4.51	04:20	4.65	10:35	7.11	6.31	04:20	0.515	10:45	2.238	1.482	1.482	
4/18/2016	03:50	2.67	21:25	5.85	4.55	02:55	4.71	22:00	7.15	6.39	03:50	0.498	21:25	2.302	1.509	1.509	
4/19/2016	04:10	2.69	21:05	6.10	4.54	02:40	4.66	20:55	7.12	6.38	04:15	0.514	21:15	2.419	1.503	1.503	
4/20/2016	03:05	2.55	07:25	5.80	4.53	03:15	4.64	10:40	7.06	6.34	03:15	0.475	07:45	2.196	1.484	1.484	
4/21/2016	03:05	2.72	07:20	6.09	4.57	02:05	4.82	19:40	7.07	6.40	02:05	0.562	07:20	2.339	1.512	1.512	
4/22/2016	03:05	2.73	07:20	5.73	4.54	03:25	4.85	07:30	7.07	6.42	03:25	0.535	07:30	2.186	1.501	1.501	
4/23/2016	04:10	2.76	10:15	5.80	4.51	04:10	4.75	09:50	7.16	6.41	04:10	0.527	10:35	2.237	1.498	1.498	
4/24/2016	05:20	2.68	10:40	6.03	4.47	05:15	4.80	11:20	7.12	6.36	05:20	0.517	10:40	2.304	1.474	1.474	
4/25/2016	03:05	2.66	07:30	5.61	4.47	01:10	4.88	20:00	7.10	6.41	03:25	0.533	07:30	2.132	1.471	1.471	
4/26/2016	02:40	2.76	21:20	5.72	4.52	03:00	5.13	12:45	7.06	6.42	02:40	0.579	21:25	2.161	1.493	1.493	
4/27/2016	03:20	2.58	07:50	5.65	4.46	03:20	4.97	19:20	7.06	6.61	03:20	0.500	07:50	2.150	1.521	1.521	
4/28/2016	03:45	2.48	07:30	5.68	4.42	03:45	4.81	19:20	7.06	6.58	03:45	0.457	07:30	2.163	1.498	1.498	
4/29/2016	03:50	2.56	07:45	5.74	4.47	03:50	4.93	11:20	7.06	6.62	03:50	0.489	07:45	2.191	1.528	1.528	
4/30/2016	03:15	2.57	11:40	5.83	4.48	03:15	4.96	08:50	7.06	6.55	03:15	0.497	11:40	2.231	1.523	1.523	
5/1/2016	05:05	2.62	10:50	5.87	4.48	05:05	5.03	15:45	7.06	6.54	05:05	0.517	10:50	2.249	1.519	1.519	
5/2/2016	03:35	2.56	21:25	5.79	4.51	03:35	4.93	10:05	7.06	6.61	03:35	0.489	21:25	2.213	1.543	1.543	
5/3/2016	03:50	2.53	21:45	6.03	4.46	03:50	4.89	19:05	7.06	6.59	03:50	0.479	21:45	2.317	1.510	1.510	
5/4/2016	03:05	2.55	07:30	5.64	4.38	03:05	4.92	22:15	7.17	6.58	03:05	0.487	07:30	2.147	1.473	1.473	
5/5/2016	03:45	2.28	07:45	5.34	4.11	02:50	4.90	20:40	7.13	6.50	03:45	0.416	07:45	2.011	1.332	1.332	
5/6/2016	04:15	2.83	16:25	5.67	4.34	03:20	4.79	16:35	7.20	6.56	03:20	0.572	16:25	2.208	1.441	1.441	0.34
5/7/2016	01:45	2.96	15:15	5.85	4.30	03:50	4.96	12:40	7.23	6.51	04:00	0.626	15:15	2.318	1.417	1.417	0.13
5/8/2016	03:40	2.91	10:55	5.72	4.26	03:55	4.85	21:55	7.25	6.50	03:55	0.588	10:55	2.251	1.400	1.400	
5/9/2016	03:05	2.77	21:20	5.71	4.41	02:40	4.96	21:45	7.26	6.58	03:35	0.570	21:20	2.248	1.483	1.483	
5/10/2016	03:10	2.98	07:40	5.56	4.40	03:40	4.97	21:40	7.22	6.56	03:45	0.623	07:40	2.159	1.468	1.468	
5/11/2016	04:40	3.03	20:55	5.62	4.46	03:10	5.04	07:50	7.23	6.62	03:10	0.658	20:55	2.204	1.503	1.503	
5/12/2016	01:40	3.16	07:35	5.52	4.43	04:55	5.31	22:00	7.22	6.64	04:55	0.728	07:35	2.128	1.487	1.487	
5/13/2016	03:55	2.71	07:35	5.44	4.32	03:35	4.71	07:55	7.13	6.54	03:55	0.517	07:45	2.055	1.431	1.431	
5/14/2016	03:55	2.91	12:05	5.57	4.32	03:50	4.98	12:00	7.22	6.55	03:55	0.606	12:05	2.166	1.435	1.435	
5/15/2016	05:40	2.82	12:30	5.65	4.32	04:05	4.85	12:25	7.24	6.53	04:15	0.576	12:25	2.215	1.437	1.437	
5/16/2016	04:50	2.94	21:20	5.46	4.40	02:50	4.97	21:55	7.21	6.60	02:50	0.622	21:25	2.099	1.474	1.474	
5/17/2016	04:00	2.96	21:40	5.57	4.38	03:50	4.92	21:55	7.25	6.57	03:50	0.609	21:40	2.176	1.458	1.458	
5/18/2016	02:15	2.94	21:25	5.60	4.45	04:15	4.93	21:50	7.21	6.63	04:15	0.616	21:25	2.174	1.503	1.503	
5/19/2016	02:35	3.03	07:20	5.52	4.45	03:10	5.01	22:05	7.21	6.59	03:10	0.640	07:35	2.108	1.489	1.489	
5/20/2016	04:40	3.05	07:30	5.40	4.35	04:35	5.05	08:10	7.10	6.56	04:35	0.650	07:30	2.042	1.433	1.433	
5/21/2016	05:55	3.00	12:00	5.63	4.44	05:45	5.17	13:30	7.22	6.62	05:55	0.689	11:55	2.191	1.496	1.496	
5/22/2016	06:05	3.10	12:45	6.00	4.55	02:30	5.37	12:30	7.36	6.70	02:25	0.739	12:45	2.448	1.564	1.564	
5/23/2016	05:20	2.88	21:40	5.90	4.41	04:15	4.93	21:40	7.37	6.63	04:30	0.606	21:40	2.399	1.485	1.485	
5/24/2016	02:55	2.92	21:35	5.77	4.41	01:55	4.98	21:40	7.31	6.61	01:55	0.639	21:35	2.299	1.475	1.475	
5/25/2016	05:20	3.12	07:10	5.98	4.49	04:50	5.38	21:55	7.29	6.69	05:15	0.749	07:10	2.363	1.519	1.519	
5/26/2016	05:00	3.19	07:30	5.74	4.51	04:35	5.21	21:45	7.26	6.68	04:35	0.717	07:30	2.238	1.529	1.529	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	
5/27/2016	01:30	3.13	07:20	5.66	4.35	01:40	5.33	07:35	7.14	6.67	05:05	0.745	07:35	2.176	1.449	1.449	
5/28/2016	04:30	2.45	13:20	5.27	4.10	04:30	4.91	10:35	7.20	6.49	04:30	0.457	10:45	2.005	1.330	1.330	
5/29/2016	06:35	2.59	11:00	5.22	4.04	05:30	4.86	13:30	7.15	6.40	06:35	0.564	11:00	1.951	1.272	1.272	
5/30/2016	03:45	2.74	11:55	5.83	4.29	03:10	4.86	12:00	7.29	6.51	03:45	0.540	11:55	2.330	1.433	1.433	
5/31/2016	02:50	2.73	21:50	5.82	4.30	03:45	4.97	21:55	7.34	6.59	02:45	0.551	21:50	2.346	1.431	1.431	
6/1/2016	03:40	2.66	07:40	5.31	4.25	03:35	5.11	18:25	7.30	6.61	03:40	0.540	07:40	2.003	1.409	1.409	
6/2/2016	03:55	2.28	21:55	5.39	4.18	03:55	4.75	22:10	7.19	6.55	03:55	0.398	21:55	2.065	1.373	1.373	
6/3/2016	03:45	2.34	07:40	5.22	4.15	03:45	4.84	07:35	7.14	6.56	03:45	0.421	07:35	1.961	1.359	1.359	
6/4/2016	03:45	2.67	12:50	6.08	4.20	04:25	5.25	12:50	7.26	6.61	03:55	0.558	12:50	2.466	1.391	1.391	
6/5/2016	05:10	2.55	11:00	5.80	4.20	04:25	5.10	11:00	7.27	6.57	05:10	0.508	11:00	2.312	1.395	1.395	
6/6/2016	03:55	2.55	22:00	5.45	4.27	03:40	5.04	11:15	7.26	6.61	03:00	0.504	22:00	2.110	1.424	1.424	
6/7/2016	04:10	2.67	07:35	5.30	4.22	04:00	4.87	18:50	7.28	6.55	04:10	0.522	18:50	1.992	1.382	1.382	
6/8/2016	03:25	2.41	21:45	5.51	4.24	03:00	4.88	22:15	7.23	6.57	03:25	0.445	21:45	2.115	1.407	1.407	
6/9/2016	03:35	2.58	07:25	5.46	4.27	03:55	4.98	08:00	7.20	6.60	03:40	0.516	07:30	2.089	1.419	1.418	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			87.824	0.51
Avg	4.40	6.53	1.464	

Site Commentary

Site Information

SF_Bas4A	
Pipe Dimensions	15.00" x 15.00"
Silt Level	0.00"

Overview

Site SF_Bas4A functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. Review of the scattergraph shows that flows remained free flowing throughout the period. An increase in depth was observed during morning and evening hours throughout the monitoring period.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located downstream of locations SF_Bas01, and SF_Bound817. A review of balancing indicated no problems. A net flow of .343 MGD was reported for the period.

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 40% full at its recorded peak of 5.39 inches and approximately 24% full during its recorded average depth of 3.61 inches.

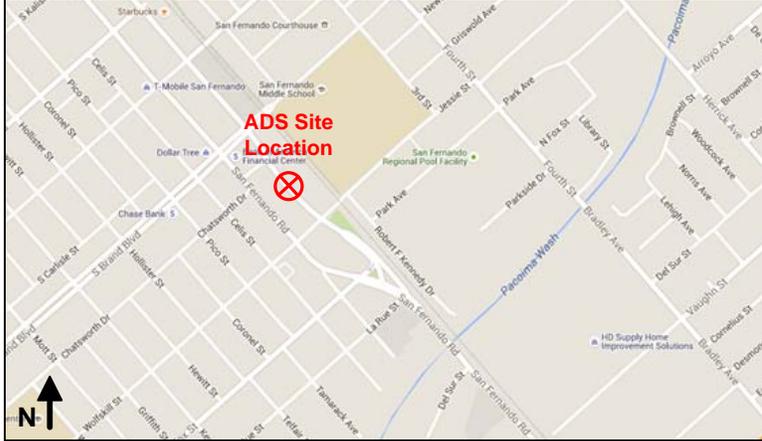
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	3.61	5.18	0.794
Minimum	1.98	3.68	0.230
Maximum	5.56	5.94	1.516
Time of Minimum	4/28/2016 3:45 AM	4/29/2016 3:55 AM	4/28/2016 3:45 AM
Time of Maximum	6/6/2016 9:55 PM	4/25/2016 7:30 AM	4/20/2016 7:35 AM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

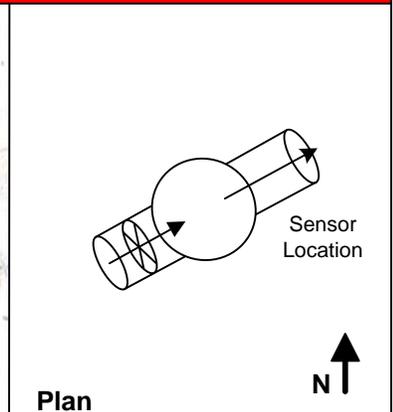
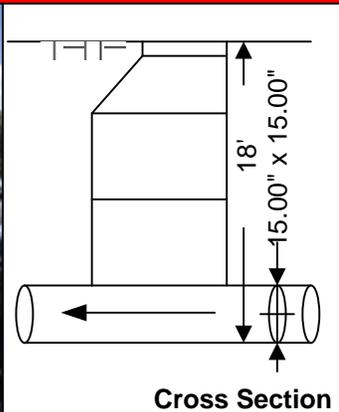
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bas04A		Install Date: 03/30/16		Monitor Type		Peak Doppler	
Address/Location: Truman & Wolfskill				Monitor Model		Triton	
				Data Acquisition		Manual/Wireless Collect	
				Manhole ID			
Access: Drive	Type of System:	Sanitary	Storm	Combined	Pipe Height:		15.00"
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pipe Width:		15.00"



Investigation Information: Manhole Information:

Date/Time of Investigation:		03/30/16 12:20		Manhole Depth:		18'	
Site Hydraulics:		Fast straight through flow		Manhole Material / Condition		Not Investigated	
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition:		Not Investigated	
Upstream Manhole:		Not investigated		Land Use:		Residential <input type="checkbox"/>	Commercial <input type="checkbox"/>
Downstream Manhole:		Not investigated		Oxygen: 20.9		H2S: 0	LEL: 0
Depth of Flow:		3.75	+/- 0.25	Safety Notes: 2 man crew required; No special requirements			
Range (Air DOF):		+/-					
Peak Velocity:		6.10	fps				
Silt:		0.00	Inches				

Other Information:



Installation Information		Backup		Yes	No	?	Distance
Installation Type:	Standard	Trunk			x		
Sensors Devices:	Ultrasonic/Pressure/Velocit	Lift / Pump Station			x		
Surcharge Height:	0	WWTP			x		
Rain Gauge Zone:		Other			x		

Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

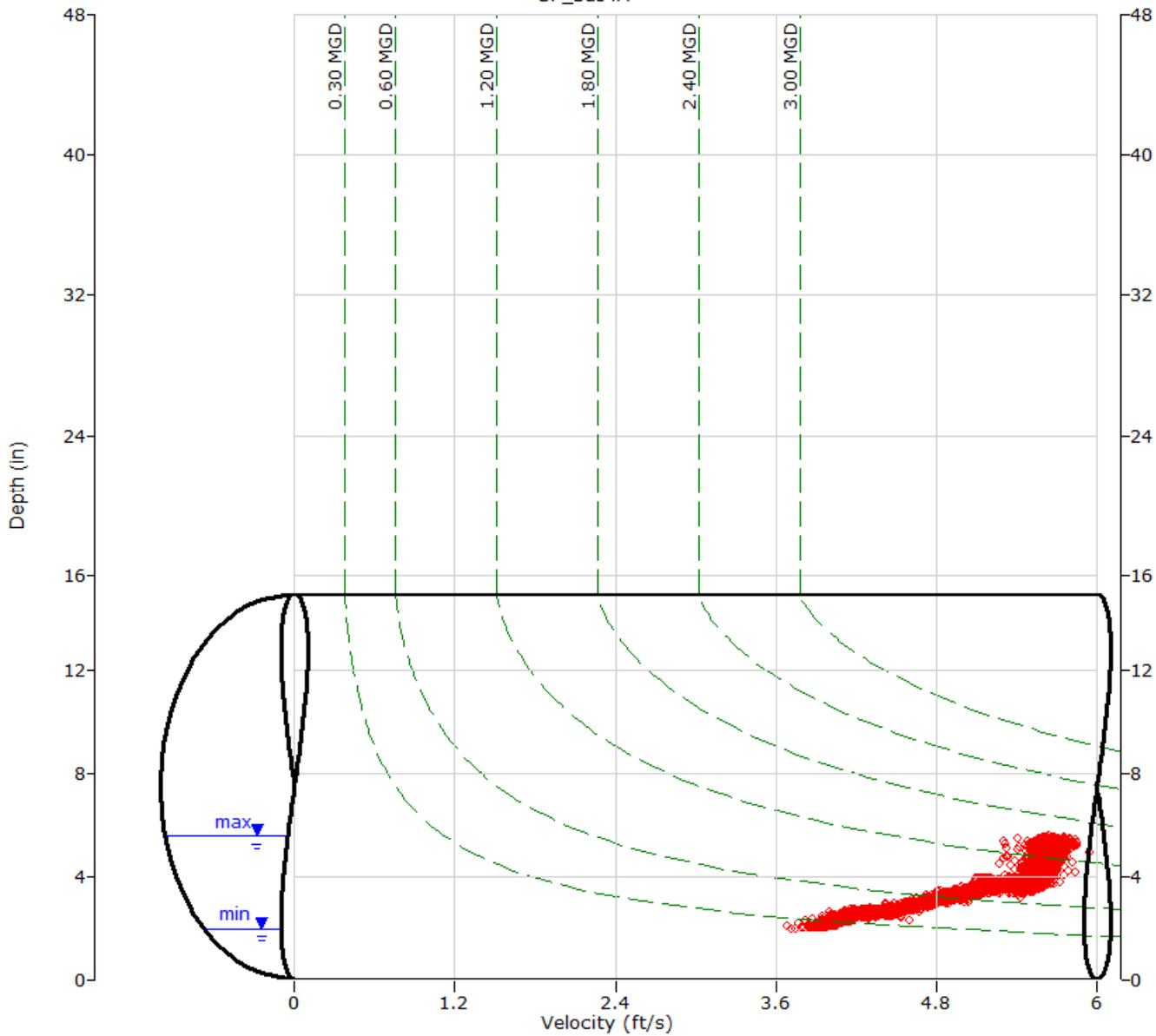
SF_Bas4A

Flow Monitor
SF_Bas4A

Pipe Height
15.00 in

Report Period
4/11/2016
To
6/9/2016

- Legend**
- Depth - Velocity
 - - - Iso-Q™
 - - - Silt
 - ▼ Min-Max Depth



HYDROGRAPH REPORT

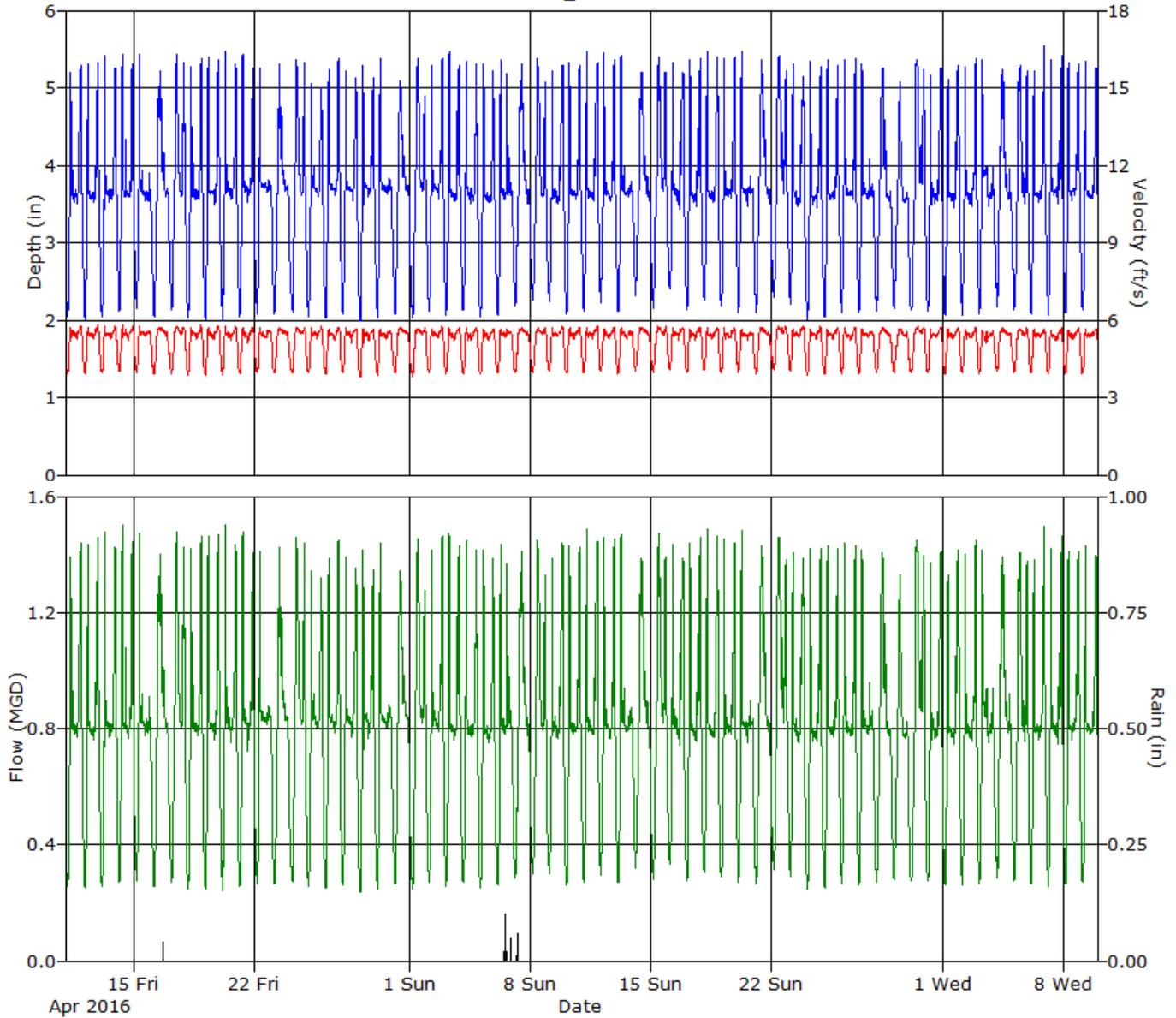
SF_Bas4A

Flow Monitor
SF_Bas4A

Pipe Height
15.00 in

Report Period
4/11/2016
To
6/9/2016

Legend
— Depth
— Velocity
— Quantity
— Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bas4A, Pipe Height: 15 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	03:40	2.03	21:55	5.32	3.55	02:15	3.92	21:15	5.78	5.20	03:40	0.254	21:55	1.448	0.779	0.779	
4/12/2016	03:35	2.01	22:00	5.39	3.57	03:30	3.93	21:10	5.83	5.19	03:35	0.250	22:00	1.474	0.782	0.782	
4/13/2016	03:30	2.04	07:35	5.43	3.59	03:20	3.92	21:40	5.77	5.21	03:20	0.255	07:35	1.482	0.790	0.790	
4/14/2016	03:25	2.09	07:30	5.45	3.63	02:55	4.00	07:35	5.84	5.20	03:25	0.268	07:35	1.514	0.799	0.799	
4/15/2016	03:35	2.14	07:40	5.45	3.49	03:35	3.97	07:15	5.76	5.20	03:35	0.276	07:40	1.479	0.750	0.750	
4/16/2016	03:50	2.03	12:15	5.33	3.67	03:40	3.88	12:40	5.76	5.18	03:50	0.251	12:15	1.452	0.818	0.818	0.04
4/17/2016	04:20	2.11	11:05	5.44	3.72	04:05	3.92	20:05	5.82	5.20	04:05	0.268	11:05	1.491	0.835	0.835	
4/18/2016	03:40	2.00	21:45	5.41	3.60	03:35	3.87	21:10	5.83	5.20	03:40	0.244	21:45	1.470	0.794	0.794	
4/19/2016	03:30	2.01	07:30	5.41	3.60	03:45	3.87	20:40	5.85	5.19	03:45	0.245	21:50	1.475	0.795	0.795	
4/20/2016	03:25	1.99	07:35	5.50	3.59	03:20	3.84	21:25	5.85	5.18	03:25	0.239	07:35	1.516	0.787	0.787	
4/21/2016	02:40	2.05	07:35	5.46	3.58	04:10	3.93	20:50	5.75	5.17	02:40	0.259	07:35	1.490	0.782	0.782	
4/22/2016	03:30	2.07	07:25	5.29	3.50	04:30	3.82	07:35	5.72	5.18	03:30	0.263	07:25	1.415	0.751	0.751	
4/23/2016	03:45	2.08	10:00	5.38	3.58	03:40	3.93	09:40	5.77	5.17	03:40	0.262	10:00	1.443	0.784	0.784	
4/24/2016	05:10	2.09	10:30	5.40	3.66	04:25	3.97	10:40	5.77	5.18	05:10	0.268	10:30	1.465	0.815	0.815	
4/25/2016	03:25	2.03	07:35	5.22	3.57	03:30	3.95	07:30	5.94	5.19	03:25	0.254	07:35	1.372	0.779	0.779	
4/26/2016	03:45	2.02	21:00	5.39	3.60	03:40	3.87	20:45	5.73	5.17	03:45	0.247	21:05	1.459	0.789	0.789	
4/27/2016	03:10	2.08	21:35	5.29	3.59	02:50	3.92	07:30	5.69	5.18	03:55	0.261	07:30	1.421	0.786	0.786	
4/28/2016	03:45	1.98	07:20	5.32	3.56	03:45	3.72	07:20	5.70	5.14	03:45	0.230	07:20	1.436	0.774	0.774	
4/29/2016	03:25	2.01	07:15	5.41	3.47	03:55	3.68	07:20	5.67	5.16	03:55	0.241	07:15	1.448	0.743	0.743	
4/30/2016	04:20	2.08	09:10	5.28	3.63	04:00	3.94	10:10	5.76	5.18	04:00	0.262	09:10	1.391	0.799	0.799	
5/1/2016	04:55	2.02	12:35	5.42	3.67	04:50	3.79	10:40	5.77	5.15	04:55	0.244	12:35	1.466	0.814	0.814	
5/2/2016	03:25	2.11	21:55	5.42	3.63	03:20	3.98	21:35	5.75	5.19	03:20	0.271	21:55	1.477	0.801	0.801	
5/3/2016	03:10	2.04	07:25	5.54	3.62	03:15	3.93	07:15	5.73	5.18	03:15	0.254	07:25	1.513	0.795	0.795	
5/4/2016	02:55	2.10	07:30	5.40	3.57	02:55	3.85	20:30	5.73	5.16	02:55	0.260	07:25	1.459	0.778	0.778	
5/5/2016	03:35	2.02	07:15	5.36	3.51	03:35	3.92	07:10	5.67	5.15	03:35	0.250	07:10	1.441	0.756	0.756	
5/6/2016	03:15	2.02	07:20	5.36	3.48	03:15	3.92	07:35	5.66	5.17	03:15	0.250	07:25	1.440	0.749	0.749	0.34
5/7/2016	04:10	2.17	12:35	5.38	3.69	03:45	3.96	13:15	5.72	5.19	04:10	0.281	12:30	1.438	0.820	0.820	0.13
5/8/2016	03:55	2.24	11:05	5.40	3.72	03:50	3.94	11:25	5.72	5.17	03:55	0.293	11:10	1.449	0.829	0.829	
5/9/2016	03:45	2.24	21:50	5.30	3.62	03:45	4.01	21:30	5.80	5.20	03:45	0.297	21:50	1.446	0.797	0.797	
5/10/2016	03:05	2.06	07:25	5.39	3.63	04:10	3.89	21:35	5.74	5.19	03:05	0.258	07:25	1.455	0.800	0.800	
5/11/2016	03:25	2.12	07:40	5.48	3.66	03:25	3.90	22:20	5.77	5.20	03:25	0.266	07:40	1.493	0.813	0.813	
5/12/2016	03:05	2.22	07:25	5.53	3.64	03:25	4.01	21:40	5.76	5.20	03:05	0.295	07:25	1.486	0.801	0.801	
5/13/2016	03:00	2.10	07:35	5.44	3.49	03:00	3.88	07:25	5.69	5.18	03:00	0.261	07:35	1.478	0.748	0.748	
5/14/2016	04:00	2.30	12:55	5.29	3.72	04:00	4.04	11:25	5.75	5.22	04:00	0.310	12:55	1.414	0.832	0.832	
5/15/2016	04:35	2.15	12:20	5.44	3.78	04:10	3.98	13:50	5.84	5.19	04:30	0.280	12:15	1.483	0.853	0.853	
5/16/2016	03:15	2.37	07:30	5.33	3.69	03:45	4.07	07:20	5.78	5.24	03:15	0.330	07:20	1.445	0.818	0.818	
5/17/2016	02:50	2.12	22:05	5.38	3.63	02:50	3.99	22:00	5.77	5.21	02:50	0.273	22:00	1.476	0.801	0.801	
5/18/2016	03:25	2.20	07:35	5.48	3.66	02:25	4.04	21:10	5.74	5.22	03:25	0.292	07:35	1.494	0.810	0.810	
5/19/2016	03:20	2.18	07:25	5.44	3.64	02:30	3.97	20:40	5.74	5.20	02:30	0.283	07:25	1.481	0.803	0.803	
5/20/2016	03:00	2.10	07:25	5.50	3.47	02:55	3.96	07:20	5.69	5.16	02:55	0.268	07:35	1.493	0.739	0.739	
5/21/2016	04:20	2.08	11:50	5.40	3.70	04:10	3.92	15:45	5.78	5.18	04:20	0.261	11:50	1.439	0.823	0.823	
5/22/2016	03:45	2.21	11:15	5.44	3.92	04:40	3.95	20:45	5.76	5.25	03:45	0.290	11:05	1.475	0.905	0.905	
5/23/2016	03:55	2.18	07:30	5.30	3.64	03:55	4.03	21:10	5.80	5.23	03:55	0.287	07:35	1.406	0.807	0.807	
5/24/2016	03:25	2.00	07:40	5.34	3.56	02:40	3.85	21:25	5.74	5.17	03:25	0.242	21:55	1.431	0.777	0.777	
5/25/2016	03:25	2.04	07:45	5.37	3.57	03:20	3.90	21:40	5.73	5.17	03:25	0.253	21:50	1.433	0.780	0.780	
5/26/2016	03:30	2.07	22:05	5.43	3.60	03:30	3.86	06:45	5.75	5.16	03:30	0.256	07:35	1.465	0.784	0.784	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	03:50	2.08	07:15	5.35	3.46	03:05	3.90	07:05	5.70	5.16	03:50	0.260	07:15	1.431	0.738	0.738	
5/28/2016	04:35	2.10	12:00	5.28	3.66	04:30	3.93	14:05	5.73	5.18	04:30	0.266	12:15	1.415	0.810	0.810	
5/29/2016	04:50	2.11	12:35	5.11	3.46	04:30	3.94	13:25	5.76	5.12	04:50	0.271	12:25	1.347	0.737	0.737	
5/30/2016	04:50	2.09	11:20	5.37	3.84	04:50	3.97	13:45	5.75	5.18	04:50	0.266	12:20	1.451	0.877	0.877	
5/31/2016	03:35	2.09	22:15	5.36	3.61	03:35	3.94	21:30	5.75	5.19	03:35	0.265	22:15	1.447	0.793	0.793	
6/1/2016	03:40	2.06	22:15	5.34	3.62	04:10	3.85	21:55	5.73	5.17	03:40	0.259	22:15	1.439	0.794	0.794	
6/2/2016	03:45	2.04	22:10	5.42	3.59	03:40	3.93	09:25	5.71	5.17	03:40	0.255	22:10	1.464	0.783	0.783	
6/3/2016	03:35	2.07	07:25	5.45	3.53	03:20	3.89	07:45	5.61	5.15	03:20	0.258	07:35	1.449	0.757	0.757	
6/4/2016	04:10	2.13	12:00	5.28	3.66	04:10	3.99	12:00	5.74	5.19	04:10	0.276	12:00	1.430	0.807	0.807	
6/5/2016	04:05	2.12	12:20	5.31	3.78	04:05	3.97	20:10	5.71	5.18	04:05	0.272	11:10	1.412	0.849	0.849	
6/6/2016	03:15	2.08	21:55	5.56	3.59	03:00	3.95	07:30	5.71	5.17	03:15	0.264	21:55	1.508	0.783	0.783	
6/7/2016	03:50	2.04	22:05	5.43	3.60	03:45	3.92	22:35	5.72	5.16	03:50	0.254	22:05	1.471	0.785	0.785	
6/8/2016	03:15	2.07	07:35	5.43	3.64	02:10	3.87	21:25	5.75	5.17	03:15	0.259	07:35	1.445	0.799	0.799	
6/9/2016	04:00	2.12	07:25	5.36	3.60	02:30	3.77	22:10	5.67	5.18	02:30	0.267	07:25	1.443	0.785	0.785	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			47.663	0.51
Avg	3.61	5.18	0.794	

Site Commentary

Site Information

SF_Bas4B	
Pipe Dimensions	12.00" x 12.00"
Silt Level	0.00"

Overview

Site SF_Bas4B functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. Review of the scattergraph shows that flows remained free flowing throughout the period. A reduction in flow was observed during weekends.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located upstream of location SF_Bas04. A review of balancing indicated minimal net flows (See SF_Bas04 Site Commentary For More Details).

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 24% full at its recorded peak of 2.91 inches and approximately 15% full during its recorded average depth of 1.78 inches.

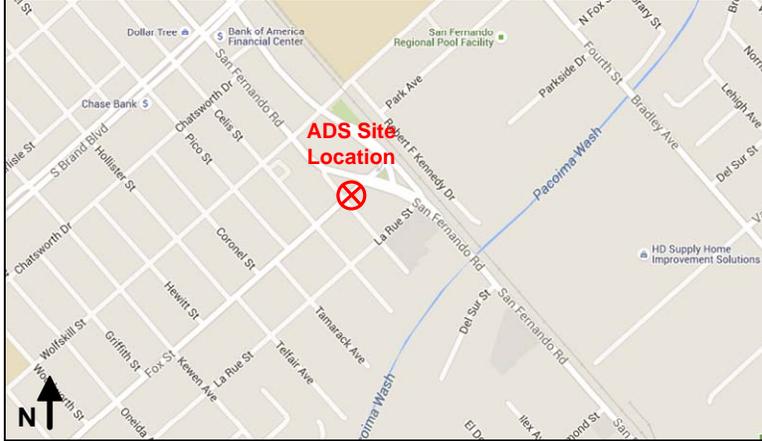
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	1.78	4.65	0.224
Minimum	1.37	3.00	0.108
Maximum	3.73	6.81	0.905
Time of Minimum	4/29/2016 5:45 AM	5/30/2016 12:20 AM	5/30/2016 12:20 AM
Time of Maximum	5/10/2016 11:20 AM	6/8/2016 1:35 PM	6/8/2016 1:35 PM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

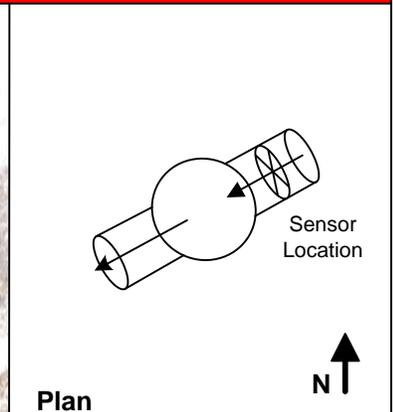
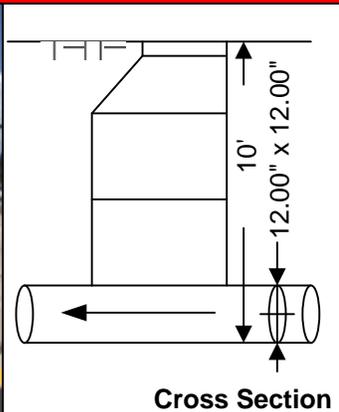
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bas04B		Install Date: 03/30/16		Monitor Type		Peak Doppler	
Address/Location: Fox St. & Illex St				Monitor Model		Triton	
				Data Acquisition		Manual/Wireless Collect	
				Manhole ID			
Access: Drive	Type of System:	Sanitary <input checked="" type="checkbox"/>	Storm <input type="checkbox"/>	Combined <input type="checkbox"/>	Pipe Height:		12.00"
					Pipe Width:		12.00"



Investigation Information: Manhole Information:

Date/Time of Investigation:		03/30/16 11:20		Manhole Depth:		10'		
Site Hydraulics:		Good straight through flow		Manhole Material / Condition		Precast/Good		
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition:		PVC/Good		
Upstream Manhole:		Not investigated		Land Use:	Residential <input checked="" type="checkbox"/>	Commercial <input type="checkbox"/>	Industrial <input type="checkbox"/>	Trunk <input type="checkbox"/>
Downstream Manhole:		Not investigated		Oxygen: 20.9	H2S: 0	LEL: 0	CO: 0	
Depth of Flow:	1.88	+/-	0.25	Safety Notes: 2 man crew required; No special requirements				
Range (Air DOF):		+/-						
Peak Velocity:	5.72	fps						
Silt:	0.00	Inches						

Other Information:



Installation Information		Backup	Yes	No	?	Distance
Installation Type:	Standard	Trunk		x		
Sensors Devices:	Ultrasonic/Pressure/Velocit	Lift / Pump Station		x		
Surcharge Height:	0	WWTP		x		
Rain Gauge Zone:		Other		x		

Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

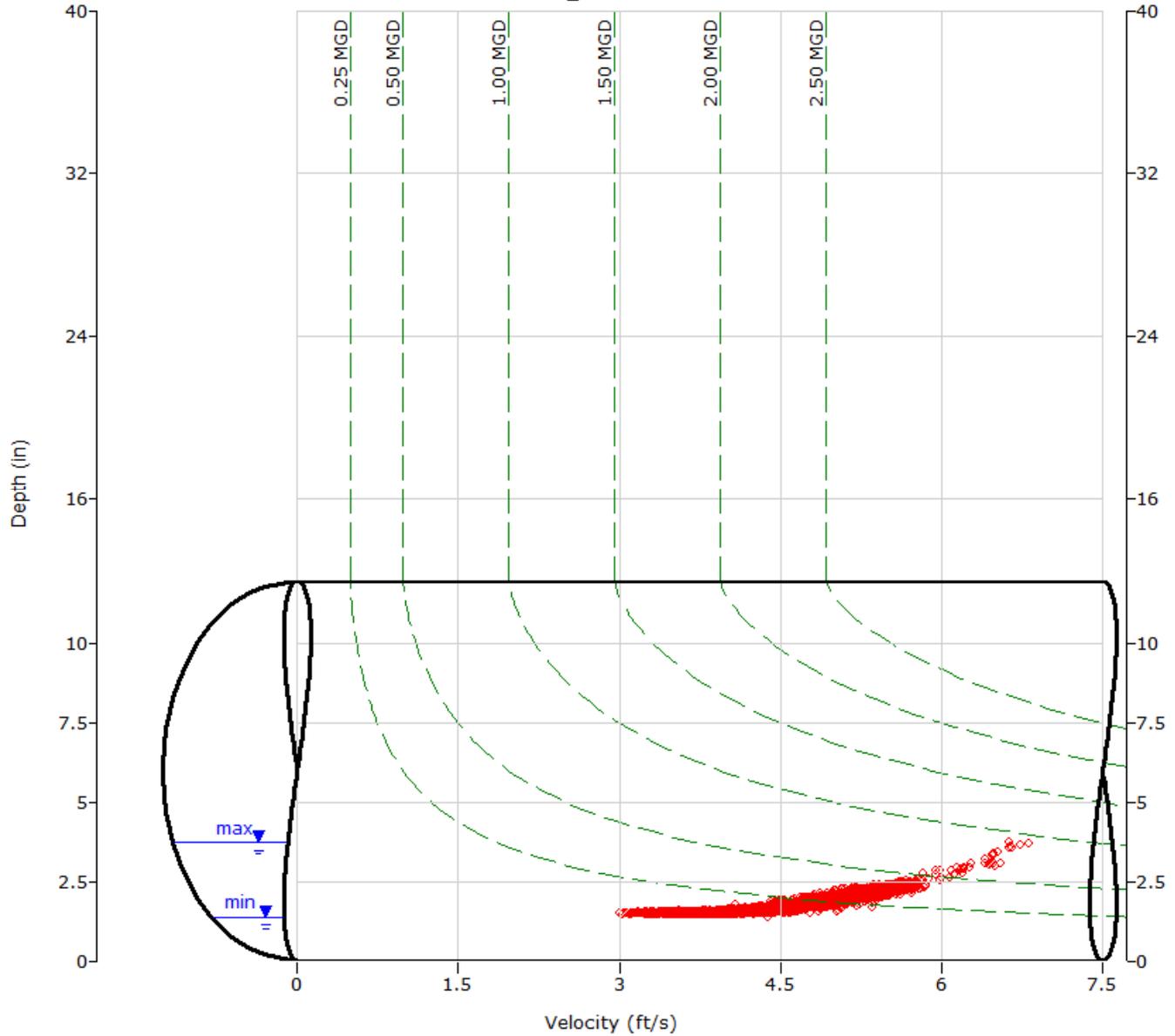
SF_Bas4B

Flow Monitor
SF_Bas4B

Pipe Height
12.00 in

Report Period
4/11/2016
To
6/9/2016

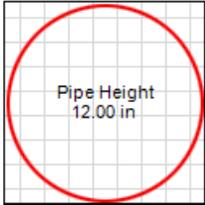
Legend
○ Depth - Velocity
- - - Iso-Q™
- - - Silt
▼ Min-Max Depth



HYDROGRAPH REPORT

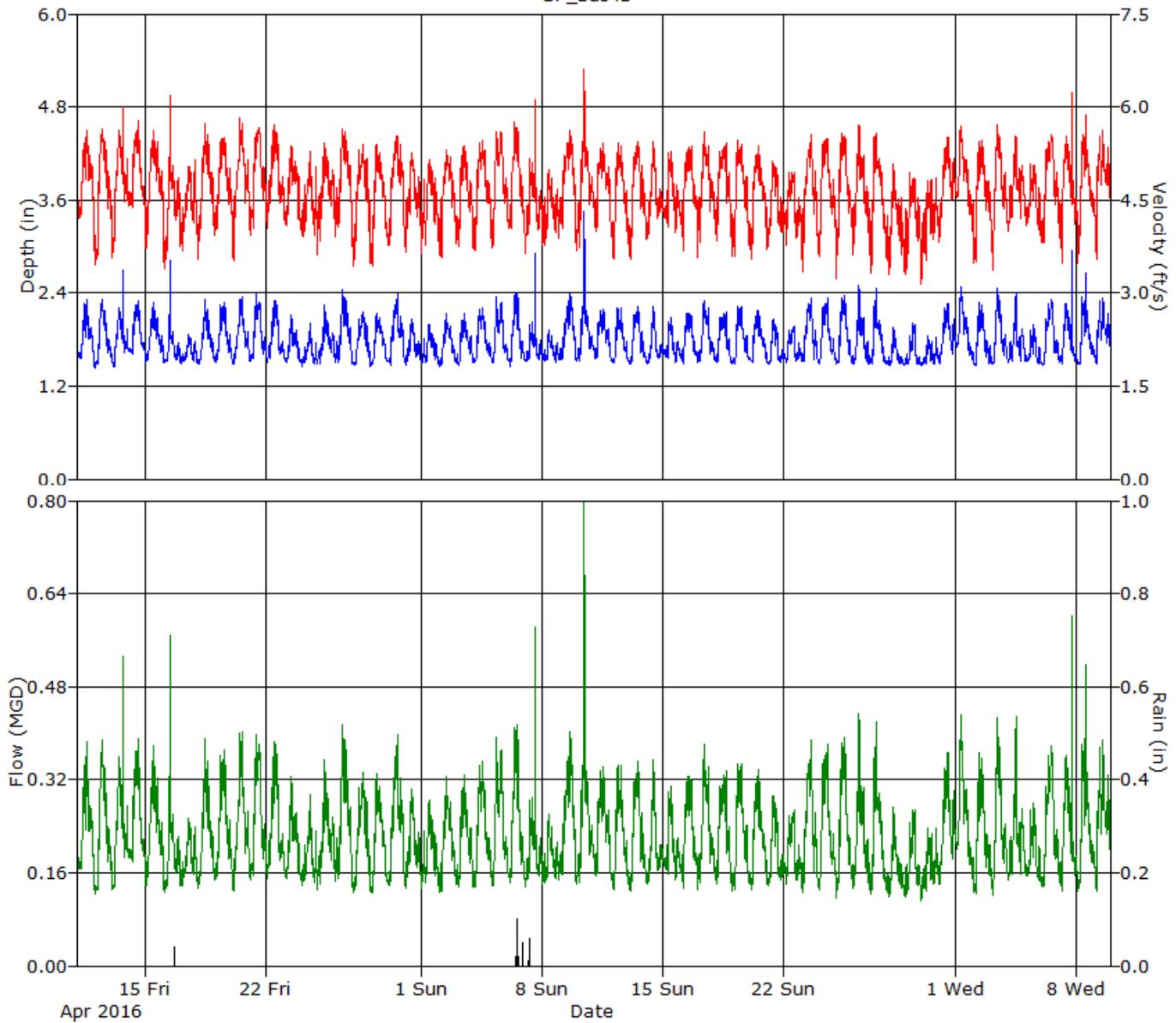
SF_Bas4B

Flow Monitor
SF_Bas4B



Report Period
4/11/2016
To
6/9/2016

- Legend
- Depth
 - Velocity
 - Quantity
 - Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bas4B, Pipe Height: 12 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	23:55	1.51	14:05	2.34	1.83	23:50	3.80	14:05	5.67	4.84	23:50	0.140	14:05	0.396	0.241	0.241	
4/12/2016	01:30	1.43	12:20	2.33	1.81	03:40	3.29	12:20	5.69	4.67	01:35	0.118	12:20	0.395	0.232	0.232	
4/13/2016	04:35	1.45	16:30	3.59	1.81	02:25	3.16	16:30	6.65	4.78	03:00	0.117	16:30	0.848	0.236	0.236	
4/14/2016	23:55	1.54	11:55	2.57	1.87	23:30	3.98	11:55	5.89	4.91	23:45	0.155	11:55	0.468	0.253	0.253	
4/15/2016	00:35	1.51	10:55	2.30	1.84	00:35	3.58	10:55	5.67	4.84	00:35	0.132	10:55	0.385	0.244	0.244	
4/16/2016	02:30	1.50	10:25	3.09	1.69	02:40	3.24	10:25	6.46	4.44	02:40	0.122	10:25	0.668	0.198	0.198	0.04
4/17/2016	01:55	1.49	12:35	1.92	1.63	03:55	3.21	20:45	5.23	4.40	03:55	0.120	12:35	0.269	0.183	0.183	
4/18/2016	01:25	1.47	10:50	2.33	1.80	00:40	3.43	10:05	5.75	4.77	00:40	0.127	10:05	0.396	0.234	0.234	
4/19/2016	01:45	1.51	09:05	2.53	1.85	00:15	3.82	09:05	5.83	4.85	00:15	0.142	09:05	0.453	0.245	0.245	
4/20/2016	01:40	1.48	11:10	2.40	1.85	02:20	3.41	11:15	5.86	4.86	02:55	0.126	11:10	0.423	0.248	0.248	
4/21/2016	02:35	1.51	10:10	2.44	1.86	05:55	3.79	13:35	5.80	4.89	02:10	0.143	10:10	0.420	0.253	0.253	
4/22/2016	01:10	1.50	13:55	2.36	1.83	01:10	3.92	11:55	5.79	4.91	01:10	0.144	13:55	0.400	0.246	0.246	
4/23/2016	05:05	1.50	10:20	2.15	1.72	05:40	4.00	10:25	5.39	4.69	02:30	0.149	10:20	0.333	0.212	0.212	
4/24/2016	02:10	1.44	13:40	2.03	1.62	23:55	3.51	13:35	5.34	4.42	23:55	0.127	13:35	0.303	0.183	0.183	
4/25/2016	00:20	1.49	09:40	2.37	1.77	00:10	3.60	09:40	5.49	4.70	00:10	0.131	09:40	0.390	0.221	0.221	
4/26/2016	00:35	1.50	10:20	2.47	1.90	00:35	3.77	10:45	5.68	4.87	00:35	0.138	10:20	0.423	0.257	0.257	
4/27/2016	05:00	1.47	15:10	2.16	1.78	02:20	3.23	15:05	5.40	4.61	02:20	0.119	15:10	0.335	0.221	0.221	
4/28/2016	01:45	1.45	15:00	2.40	1.76	03:30	3.15	15:00	5.74	4.55	03:30	0.117	15:00	0.415	0.215	0.215	
4/29/2016	05:45	1.37	12:50	2.39	1.87	03:50	3.64	14:05	5.57	4.78	04:55	0.135	14:45	0.398	0.246	0.246	
4/30/2016	02:40	1.47	10:15	2.09	1.70	02:15	3.38	10:15	5.33	4.51	02:15	0.123	10:15	0.315	0.201	0.201	
5/1/2016	23:50	1.48	10:35	2.03	1.68	01:10	3.42	11:15	5.18	4.47	01:10	0.126	11:15	0.294	0.196	0.196	
5/2/2016	01:40	1.46	11:00	2.22	1.73	03:30	3.32	16:05	5.37	4.59	03:30	0.119	11:00	0.347	0.211	0.211	
5/3/2016	04:00	1.46	08:55	2.33	1.75	03:45	3.33	08:55	5.62	4.60	03:45	0.122	08:55	0.389	0.215	0.215	
5/4/2016	01:10	1.50	12:40	2.34	1.81	02:35	3.44	12:40	5.51	4.71	02:35	0.130	12:40	0.383	0.233	0.233	
5/5/2016	04:00	1.50	10:00	2.42	1.84	05:00	3.51	14:40	5.62	4.80	05:00	0.130	10:00	0.407	0.243	0.243	
5/6/2016	04:00	1.45	13:55	2.49	1.84	03:30	3.82	10:00	5.78	4.79	04:10	0.142	13:55	0.439	0.243	0.243	0.34
5/7/2016	02:25	1.51	15:10	2.95	1.69	01:55	3.48	15:05	6.27	4.42	02:00	0.131	15:05	0.605	0.196	0.196	0.13
5/8/2016	19:30	1.50	09:15	1.94	1.64	00:30	3.45	09:15	5.00	4.34	00:30	0.128	09:15	0.265	0.182	0.182	
5/9/2016	00:00	1.53	16:05	2.42	1.91	00:30	3.76	11:40	5.65	4.89	00:30	0.143	15:25	0.409	0.260	0.260	
5/10/2016	04:55	1.52	11:20	3.73	1.91	00:45	3.45	11:30	6.73	4.81	00:45	0.131	11:20	0.892	0.259	0.259	
5/11/2016	04:50	1.56	15:50	2.23	1.85	04:50	3.89	14:00	5.54	4.78	04:50	0.150	14:00	0.359	0.241	0.241	
5/12/2016	05:05	1.50	09:25	2.37	1.78	05:00	3.37	10:35	5.49	4.58	05:00	0.125	09:25	0.388	0.220	0.220	
5/13/2016	04:25	1.48	13:40	2.26	1.79	04:25	3.45	13:40	5.63	4.63	04:25	0.125	13:40	0.374	0.225	0.225	
5/14/2016	03:40	1.49	12:05	2.29	1.69	05:00	3.77	12:05	5.47	4.49	05:00	0.137	12:05	0.369	0.199	0.199	
5/15/2016	19:10	1.50	09:05	2.14	1.72	19:30	3.76	09:05	5.46	4.56	19:30	0.140	09:05	0.335	0.205	0.205	
5/16/2016	05:15	1.48	09:50	2.18	1.80	05:05	3.63	16:45	5.41	4.70	05:05	0.132	14:15	0.338	0.228	0.228	
5/17/2016	01:30	1.50	10:55	2.35	1.82	01:40	3.27	11:00	5.67	4.77	01:40	0.120	10:55	0.398	0.237	0.237	
5/18/2016	23:40	1.50	13:35	2.24	1.80	01:45	3.72	13:35	5.46	4.79	03:30	0.137	13:35	0.358	0.233	0.233	
5/19/2016	02:05	1.48	09:45	2.23	1.80	01:45	3.22	08:30	5.61	4.65	01:45	0.116	14:05	0.351	0.227	0.227	
5/20/2016	03:40	1.51	14:50	2.21	1.79	04:45	3.24	14:50	5.51	4.62	04:45	0.121	14:50	0.355	0.224	0.224	
5/21/2016	05:35	1.48	10:35	2.09	1.67	03:05	3.68	10:25	5.14	4.41	03:05	0.134	10:35	0.300	0.193	0.193	
5/22/2016	05:15	1.51	15:50	2.02	1.70	04:10	3.66	15:50	5.09	4.40	04:40	0.139	15:50	0.286	0.194	0.194	
5/23/2016	20:00	1.51	14:50	2.72	1.85	03:10	3.18	14:50	5.95	4.65	03:10	0.121	14:50	0.513	0.238	0.238	
5/24/2016	02:55	1.49	14:15	2.46	1.84	00:30	3.40	14:15	5.59	4.69	03:05	0.124	14:15	0.419	0.238	0.238	
5/25/2016	03:00	1.49	14:25	2.42	1.84	02:35	3.07	07:55	5.72	4.67	02:35	0.112	14:30	0.405	0.237	0.237	
5/26/2016	23:40	1.47	10:10	2.54	1.78	01:40	3.25	10:10	5.76	4.64	01:40	0.118	10:10	0.451	0.224	0.224	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	05:00	1.48	10:05	2.74	1.78	02:10	3.13	10:05	5.82	4.59	02:10	0.116	10:05	0.510	0.223	0.223	
5/28/2016	04:05	1.47	10:15	1.96	1.59	03:30	3.09	10:15	5.12	4.16	03:30	0.111	10:15	0.276	0.168	0.168	
5/29/2016	01:10	1.46	13:30	2.03	1.63	23:50	3.04	09:20	5.02	4.21	23:50	0.109	13:30	0.278	0.176	0.176	
5/30/2016	02:45	1.47	10:30	1.87	1.61	00:20	3.00	14:55	4.87	4.21	00:20	0.108	10:10	0.242	0.172	0.172	
5/31/2016	02:40	1.48	12:00	2.34	1.85	01:10	3.59	12:00	5.60	4.78	01:50	0.133	12:00	0.390	0.242	0.242	
6/1/2016	23:55	1.51	08:10	2.51	1.92	23:30	3.80	07:40	5.70	4.88	23:30	0.141	08:10	0.438	0.261	0.261	
6/2/2016	05:00	1.46	10:55	2.35	1.78	02:30	3.12	09:10	5.55	4.66	02:30	0.113	10:55	0.384	0.225	0.225	
6/3/2016	05:00	1.48	10:20	2.48	1.83	03:45	3.07	10:20	5.75	4.71	03:45	0.112	10:20	0.435	0.237	0.237	
6/4/2016	02:40	1.50	12:45	3.37	1.74	01:05	3.94	12:45	6.48	4.68	02:40	0.146	12:45	0.757	0.216	0.216	
6/5/2016	19:45	1.49	13:20	2.00	1.65	23:10	3.86	09:20	5.14	4.49	23:10	0.141	09:20	0.283	0.190	0.190	
6/6/2016	02:50	1.47	13:40	2.37	1.86	02:25	3.66	15:45	5.60	4.82	02:25	0.131	13:40	0.398	0.248	0.248	
6/7/2016	05:20	1.49	18:45	3.20	1.81	04:30	3.21	18:30	6.48	4.74	04:40	0.117	18:45	0.697	0.236	0.236	
6/8/2016	04:25	1.48	13:35	3.70	1.83	02:50	3.37	13:35	6.81	4.73	03:25	0.122	13:35	0.905	0.240	0.240	
6/9/2016	04:55	1.48	13:45	2.36	1.87	04:55	3.44	13:55	5.63	4.82	04:55	0.124	13:45	0.397	0.249	0.248	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			13.452	0.51
Avg	1.78	4.65	0.224	

Site Commentary

Site Information

SF_Bound112alt	
Pipe Dimensions	8.00" x 8.00"
Silt Level	0.00"

Overview

Site SF_Bound112alt functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. This is an alternate location. The original location was relocated due to client request. Review of the scattergraph shows that flows remained free flowing throughout the period.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located upstream of location SF_Bas01. A review of balancing indicated no problems (See SF_Bas01 Site Commentary For More Details).

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 44% full at its recorded peak of 3.52 inches and approximately 32% full during its recorded average depth of 2.57 inches.

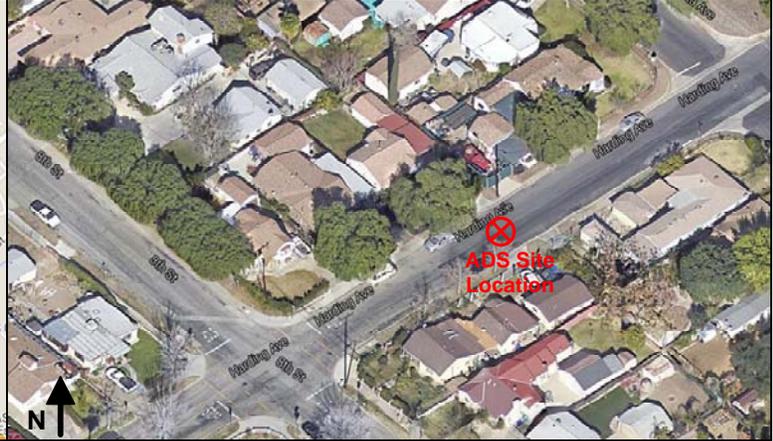
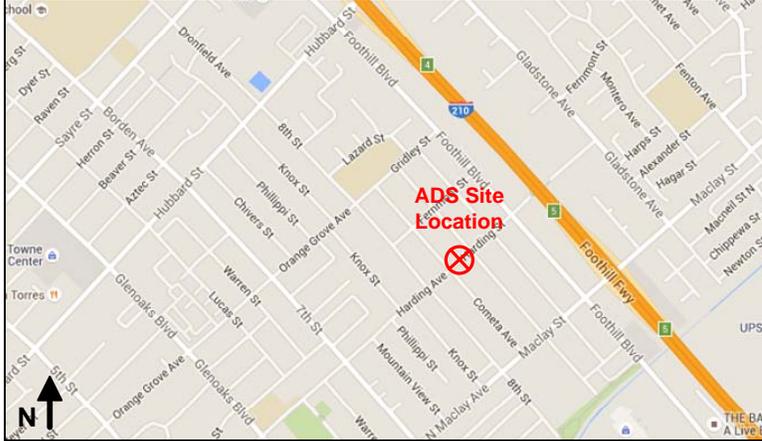
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	2.57	1.79	0.121
Minimum	1.42	0.51	0.019
Maximum	4.02	3.43	0.369
Time of Minimum	4/15/2016 1:10 AM	5/19/2016 2:30 AM	5/11/2016 3:15 AM
Time of Maximum	5/30/2016 11:00 AM	4/11/2016 8:15 AM	5/30/2016 11:00 AM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bound112alt		Install Date: 04/07/16		Monitor Type: Peak Doppler			
Address/Location: 8 th and Harding; North on Harding				Monitor Model: Triton			
				Data Acquisition: Manual/Wireless Collect			
				Manhole ID:			
Access: Drive		Type of System:		Pipe Height: 8.00 "			
		Sanitary <input checked="" type="checkbox"/>		Storm <input type="checkbox"/>		Combined <input type="checkbox"/>	
				Pipe Width: 8.00 "			



Investigation Information: Manhole Information:

Date/Time of Investigation: 04/07/16		Manhole Depth: 6'	
Site Hydraulics: Good straight through flow		Manhole Material / Condition: Precast/Good	
Upstream Input: (L/S, P/S) --		Pipe Material / Condition: VCP/Good	
Upstream Manhole: Not investigated		Land Use: Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Trunk <input type="checkbox"/>	
Downstream Manhole: Not investigated		Oxygen: 20.9 H2S: 0 LEL: 0 CO: 0	
Depth of Flow:	2.38 +/- 0.25	Safety Notes: 2 man crew required; No special requirements	
Range (Air DOF):	+/-		
Peak Velocity:	2.40 fps		
Silt:	0.00 Inches		

Other Information:

--	--	--	--

Installation Information		Backup			Yes	No	?	Distance
Installation Type:	Standard	Trunk				x		
Sensors Devices:	Ultrasonic/Pressure/Velocit	Lift / Pump Station				x		
Surcharge Height:	0	WWTP				x		
Rain Gauge Zone:		Other				x		

Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

SF_Bound112alt

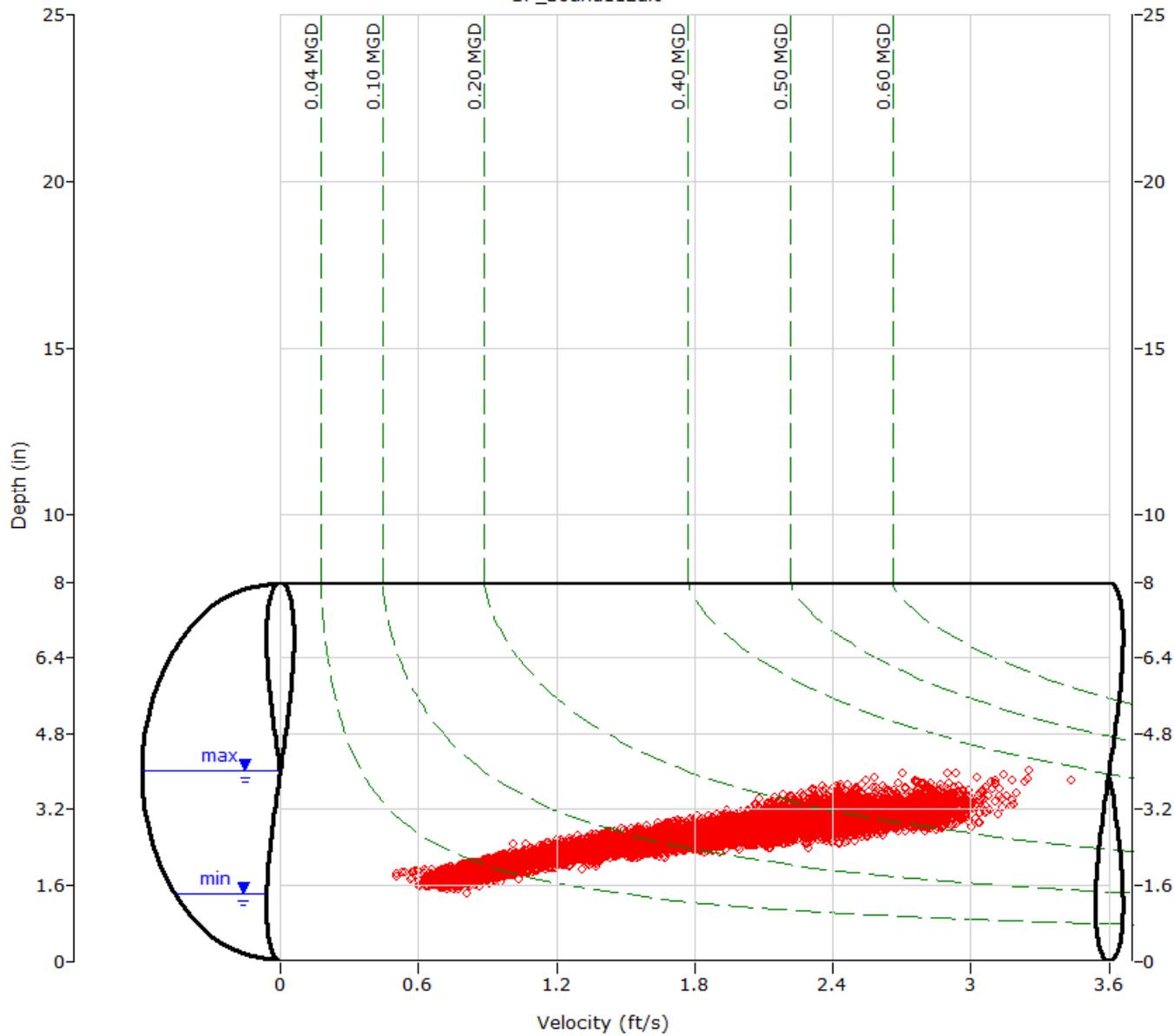
Flow Monitor
SF_Bound112alt

Pipe Height
8.00 in

Report Period
4/11/2016
To
6/9/2016

Legend

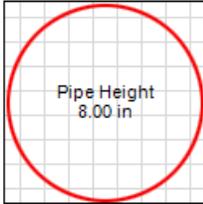
- Depth - Velocity
- - - Iso-Q™
- - - Silt
- ▼ Min-Max Depth



HYDROGRAPH REPORT

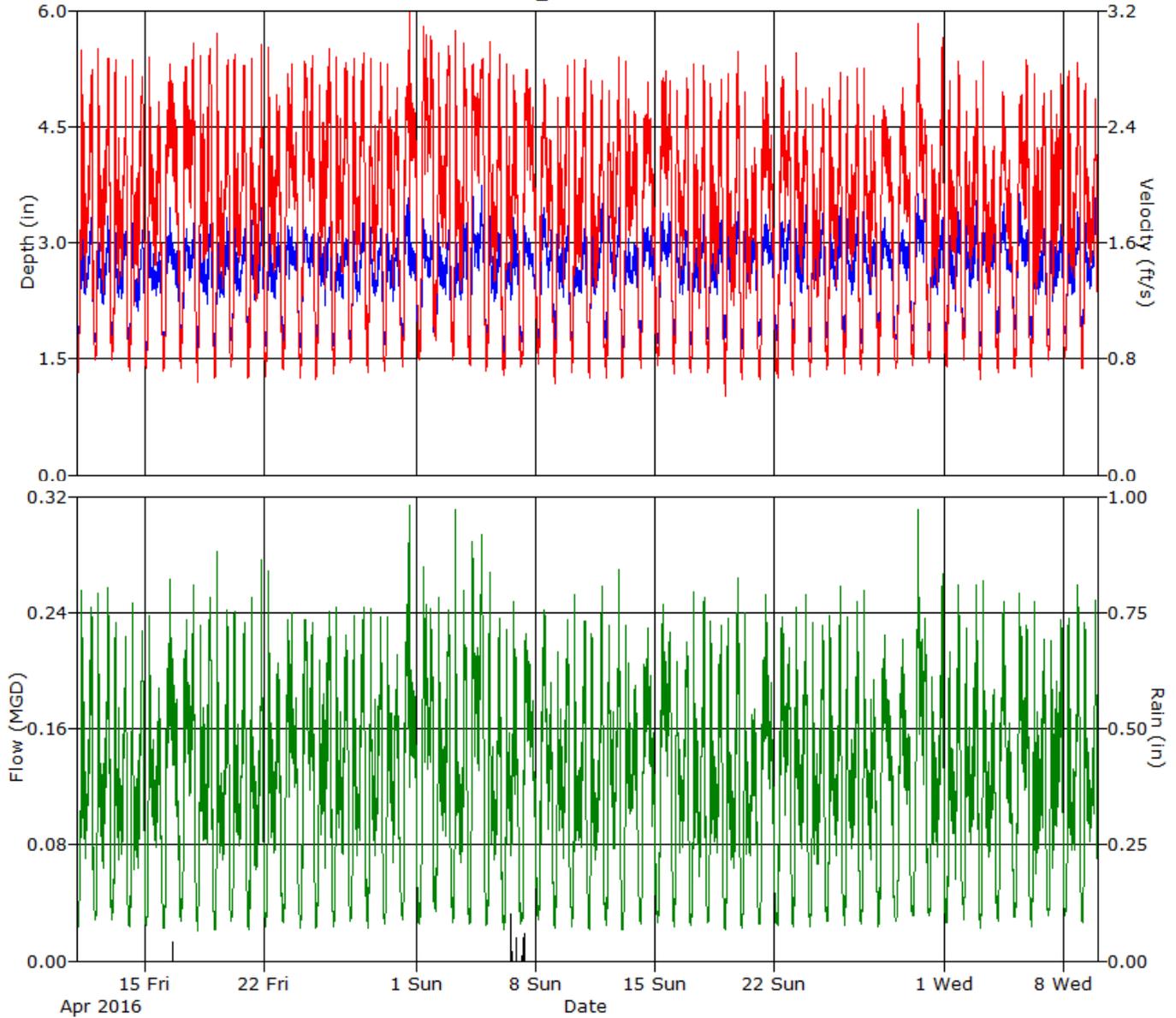
SF_Bound112alt

Flow Monitor
SF_Bound112alt



Report Period
4/11/2016
To
6/9/2016

- Legend
- Depth
 - Velocity
 - Quantity
 - Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bound112alt, Pipe Height: 8 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	02:55	1.58	08:15	3.81	2.53	02:55	0.69	08:15	3.43	1.76	02:55	0.022	08:15	0.364	0.118	0.118	
4/12/2016	02:15	1.70	19:35	3.47	2.51	02:55	0.75	07:05	2.98	1.81	02:55	0.027	07:05	0.274	0.118	0.118	
4/13/2016	02:40	1.74	18:55	3.34	2.53	02:45	0.63	06:45	2.94	1.73	02:45	0.026	06:45	0.244	0.114	0.114	
4/14/2016	03:20	1.59	06:45	3.36	2.43	02:55	0.71	20:25	2.94	1.75	03:20	0.023	06:45	0.261	0.111	0.111	
4/15/2016	01:10	1.42	07:10	3.38	2.41	01:40	0.69	07:10	2.99	1.76	01:40	0.022	07:10	0.271	0.109	0.109	
4/16/2016	03:55	1.49	11:35	3.67	2.52	02:15	0.70	11:30	2.97	1.92	02:15	0.021	11:35	0.283	0.128	0.128	0.04
4/17/2016	03:00	1.76	20:45	3.79	2.58	02:55	0.73	20:45	3.23	1.99	02:55	0.027	20:45	0.340	0.134	0.134	
4/18/2016	02:45	1.59	19:45	3.58	2.49	02:45	0.60	19:45	2.97	1.83	02:45	0.019	19:45	0.290	0.119	0.119	
4/19/2016	03:30	1.56	06:50	3.82	2.48	03:30	0.65	06:50	3.11	1.75	03:30	0.020	06:50	0.330	0.114	0.114	
4/20/2016	02:05	1.73	06:35	3.34	2.52	01:15	0.71	11:40	2.93	1.78	02:00	0.026	06:50	0.259	0.117	0.117	
4/21/2016	02:45	1.60	20:35	3.62	2.52	01:55	0.67	20:35	3.09	1.71	02:55	0.021	20:35	0.307	0.113	0.113	
4/22/2016	02:25	1.66	07:00	3.47	2.50	02:15	0.66	07:00	2.98	1.74	02:25	0.023	07:00	0.280	0.113	0.113	
4/23/2016	03:20	1.69	15:45	3.49	2.60	03:40	0.72	15:45	3.16	1.84	03:20	0.025	15:45	0.298	0.126	0.126	
4/24/2016	04:30	1.63	09:45	3.28	2.59	04:40	0.63	10:20	3.05	1.90	04:40	0.022	10:20	0.262	0.132	0.132	
4/25/2016	02:40	1.63	19:50	3.24	2.53	02:00	0.63	19:55	3.10	1.83	02:00	0.021	19:50	0.244	0.122	0.122	
4/26/2016	03:15	1.65	07:05	3.33	2.50	02:05	0.67	06:35	2.96	1.83	03:15	0.023	06:35	0.258	0.120	0.120	
4/27/2016	02:25	1.68	07:20	3.49	2.51	02:35	0.77	07:20	3.08	1.85	02:25	0.027	07:20	0.291	0.121	0.121	
4/28/2016	03:20	1.55	06:35	3.48	2.49	02:45	0.69	06:35	3.12	1.83	03:20	0.022	06:35	0.294	0.119	0.119	
4/29/2016	03:10	1.67	07:15	3.48	2.54	02:10	0.70	07:15	2.89	1.82	02:20	0.024	07:15	0.272	0.120	0.120	
4/30/2016	03:50	1.71	11:20	3.87	2.62	03:30	0.72	13:15	3.25	1.97	03:50	0.027	13:15	0.348	0.138	0.138	
5/1/2016	03:15	1.55	10:30	3.47	2.49	02:40	0.73	12:20	3.18	2.04	03:15	0.024	10:00	0.291	0.135	0.135	
5/2/2016	02:25	1.75	21:30	3.42	2.53	02:25	0.92	21:30	3.06	1.97	02:25	0.033	21:30	0.281	0.128	0.128	
5/3/2016	02:45	1.62	06:50	3.74	2.51	02:45	0.73	06:50	3.11	1.80	02:45	0.024	06:50	0.322	0.118	0.118	
5/4/2016	02:30	1.61	20:15	3.96	2.78	03:00	0.57	20:45	2.90	2.16	03:00	0.020	20:10	0.323	0.164	0.164	
5/5/2016	01:05	1.64	06:30	3.80	2.45	01:15	0.68	06:30	3.18	1.76	01:15	0.023	06:30	0.336	0.112	0.112	
5/6/2016	02:30	1.56	15:55	3.65	2.51	03:30	0.64	15:55	3.06	1.73	03:30	0.020	15:55	0.307	0.114	0.114	0.34
5/7/2016	02:50	1.60	09:15	3.32	2.55	02:50	0.72	08:50	2.92	1.90	02:50	0.023	08:50	0.256	0.128	0.128	0.13
5/8/2016	03:05	1.70	13:05	3.63	2.62	03:05	0.68	12:35	3.05	1.79	03:05	0.024	12:35	0.299	0.126	0.126	
5/9/2016	03:00	1.68	06:25	3.49	2.55	03:00	0.61	21:30	2.86	1.75	03:00	0.021	20:20	0.261	0.117	0.117	
5/10/2016	02:35	1.63	06:40	3.91	2.50	02:45	0.70	06:40	3.14	1.76	03:00	0.024	06:40	0.344	0.115	0.115	
5/11/2016	03:15	1.57	20:05	3.76	2.59	03:15	0.60	20:55	2.85	1.71	03:15	0.019	20:50	0.293	0.118	0.118	
5/12/2016	02:15	1.67	21:20	3.65	2.62	03:10	0.63	21:20	2.93	1.75	02:50	0.024	21:20	0.293	0.122	0.122	
5/13/2016	01:55	1.56	06:25	3.33	2.53	01:55	0.64	06:55	2.91	1.80	01:55	0.020	06:25	0.253	0.119	0.119	
5/14/2016	02:35	1.67	12:05	3.53	2.62	04:20	0.73	14:10	2.89	1.83	04:20	0.025	12:05	0.275	0.127	0.127	
5/15/2016	03:50	1.70	20:20	3.58	2.67	03:05	0.71	14:30	2.89	1.92	03:05	0.025	10:35	0.264	0.138	0.138	
5/16/2016	03:15	1.68	19:50	3.49	2.53	03:50	0.69	19:50	2.86	1.77	03:50	0.024	19:50	0.271	0.117	0.117	
5/17/2016	01:55	1.62	20:40	3.59	2.55	01:55	0.68	21:05	3.00	1.71	01:55	0.022	20:40	0.280	0.115	0.115	
5/18/2016	02:20	1.68	06:40	3.48	2.58	02:20	0.69	22:00	2.91	1.71	02:20	0.024	21:10	0.267	0.116	0.116	
5/19/2016	02:20	1.62	20:55	3.52	2.59	02:30	0.51	21:35	2.96	1.61	02:30	0.019	21:35	0.283	0.112	0.112	
5/20/2016	02:55	1.61	07:10	3.56	2.55	02:30	0.65	06:45	2.79	1.56	02:55	0.021	06:45	0.251	0.104	0.104	
5/21/2016	03:45	1.76	14:40	3.50	2.65	03:50	0.64	13:10	2.91	1.78	03:50	0.024	13:00	0.254	0.126	0.126	
5/22/2016	03:40	1.63	20:40	3.54	2.65	05:05	0.64	10:40	2.88	1.80	03:40	0.022	10:40	0.262	0.129	0.129	
5/23/2016	02:20	1.63	20:40	3.60	2.60	03:00	0.68	06:50	2.96	1.75	02:20	0.023	20:50	0.261	0.121	0.121	
5/24/2016	02:00	1.70	20:30	3.58	2.62	02:15	0.67	06:45	2.79	1.64	02:15	0.024	06:45	0.273	0.114	0.114	
5/25/2016	02:05	1.75	06:30	3.68	2.63	02:30	0.71	21:15	2.95	1.71	02:15	0.026	21:15	0.287	0.119	0.119	
5/26/2016	03:00	1.65	21:15	3.63	2.57	03:00	0.67	21:20	2.85	1.69	03:00	0.023	21:15	0.276	0.114	0.114	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	03:10	1.62	06:40	3.48	2.55	02:45	0.72	06:20	2.89	1.72	02:40	0.024	06:40	0.265	0.114	0.114	
5/28/2016	04:20	1.67	11:15	3.60	2.62	03:10	0.67	12:45	2.82	1.81	03:10	0.023	11:15	0.276	0.125	0.125	
5/29/2016	03:20	1.73	10:55	3.30	2.57	03:35	0.71	11:20	2.83	1.73	04:30	0.026	10:55	0.242	0.117	0.117	
5/30/2016	04:15	1.83	11:00	4.02	2.77	03:10	0.68	11:00	3.25	1.86	03:10	0.027	11:00	0.369	0.142	0.142	
5/31/2016	03:30	1.85	20:55	3.77	2.59	02:55	0.76	20:55	3.09	1.70	03:30	0.031	20:55	0.323	0.116	0.116	
6/1/2016	03:10	1.66	20:30	3.56	2.58	01:25	0.73	20:35	2.93	1.75	03:10	0.025	20:35	0.278	0.119	0.119	
6/2/2016	03:15	1.71	22:10	3.95	2.66	03:15	0.78	22:10	2.94	1.72	03:15	0.028	22:10	0.326	0.121	0.121	
6/3/2016	03:10	1.65	06:55	3.46	2.62	02:55	0.63	06:40	2.93	1.62	02:55	0.022	06:40	0.268	0.112	0.112	
6/4/2016	03:25	1.78	11:35	3.66	2.70	04:25	0.71	11:10	2.76	1.69	04:25	0.027	11:25	0.265	0.123	0.123	
6/5/2016	03:35	1.86	10:20	3.81	2.72	03:35	0.72	12:35	2.92	1.82	03:35	0.028	12:35	0.281	0.132	0.132	
6/6/2016	03:30	1.66	07:00	3.55	2.54	02:55	0.67	07:00	2.83	1.68	03:30	0.023	07:00	0.274	0.112	0.112	
6/7/2016	02:15	1.76	19:30	3.42	2.61	02:15	0.77	06:25	2.87	1.81	02:15	0.028	06:25	0.249	0.124	0.124	
6/8/2016	02:10	1.80	21:10	3.41	2.58	02:45	0.76	20:40	2.95	1.74	02:30	0.030	20:40	0.269	0.118	0.118	
6/9/2016	03:10	1.72	21:10	3.71	2.63	01:45	0.72	06:40	2.83	1.70	03:10	0.026	21:10	0.259	0.118	0.117	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			7.261	0.51
Avg	2.57	1.79	0.121	

Site Commentary

Site Information

SF_Bound3	
Pipe Dimensions	8.00" x 8.00"
Silt Level	0.00"

Overview

Site SF_Bound3 functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. Review of the scattergraph shows swift moving velocity with shallow depth.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located upstream of location SF_Bas01. A review of balancing indicated no problems (See SF_Bas01 Site Commentary For More Details).

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 28% full at its recorded peak of 2.26 inches and approximately 17% full during its recorded average depth of 1.39 inches.

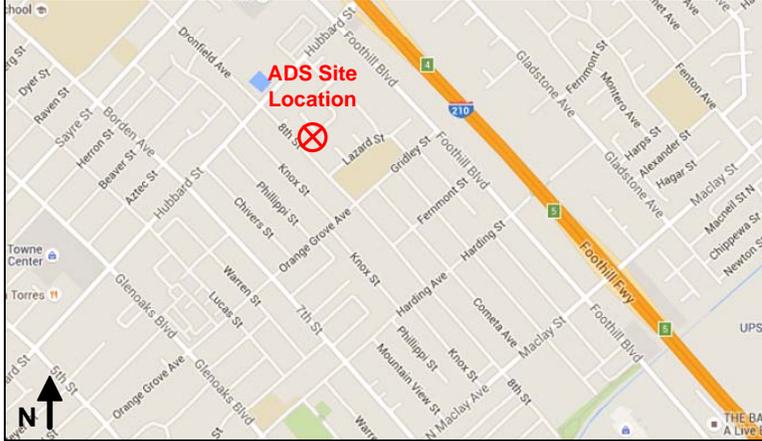
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	1.39	2.71	0.072
Minimum	0.77	0.47	0.009
Maximum	2.41	5.53	0.284
Time of Minimum	4/17/2016 12:15 PM	6/3/2016 1:35 AM	6/3/2016 1:35 AM
Time of Maximum	4/28/2016 8:30 PM	4/24/2016 9:25 AM	4/24/2016 9:25 AM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

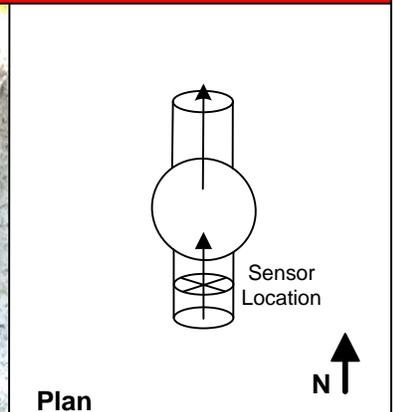
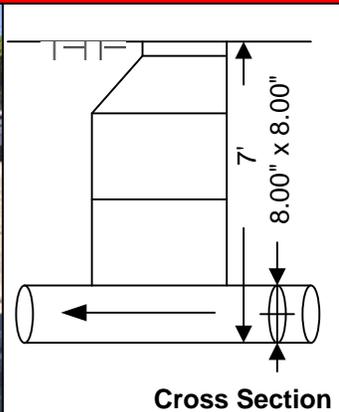
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bound 3		Install Date: 04/01/16		Monitor Type		Peak Doppler	
Address/Location: 8 th & Leach; South on Leach				Monitor Model		Triton	
				Data Acquisition		Manual/Wireless Collect	
				Manhole ID			
Access: Drive	Type of System:	Sanitary <input checked="" type="checkbox"/>	Storm <input type="checkbox"/>	Combined <input type="checkbox"/>	Pipe Height:		8.00 "
					Pipe Width:		8.00 "



Investigation Information: Manhole Information:

Date/Time of Investigation:		04/01/16		Manhole Depth:		7'	
Site Hydraulics:		Good smooth flow		Manhole Material / Condition		Precast/Good	
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition:		VCP/Good	
Upstream Manhole:		Not investigated		Land Use:		Residential <input checked="" type="checkbox"/>	Commercial <input type="checkbox"/>
Downstream Manhole:		Not investigated		Oxygen: 20.9		H2S: 0	LEL: 0
Depth of Flow:	1.25	+/-	0.25	Safety Notes: 2 man crew required; No special requirements			
Range (Air DOF):	+/-						
Peak Velocity:	1.81	fps					
Silt:	0.00	Inches					

Other Information:



Installation Information		Backup		Yes	No	?	Distance
Installation Type:	Standard	Trunk			x		
Sensors Devices:	Ultrasonic/Pressure/Velocit	Lift / Pump Station			x		
Surcharge Height:	0	WWTP			x		
Rain Gauge Zone:		Other			x		

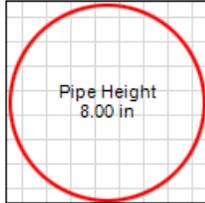
Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

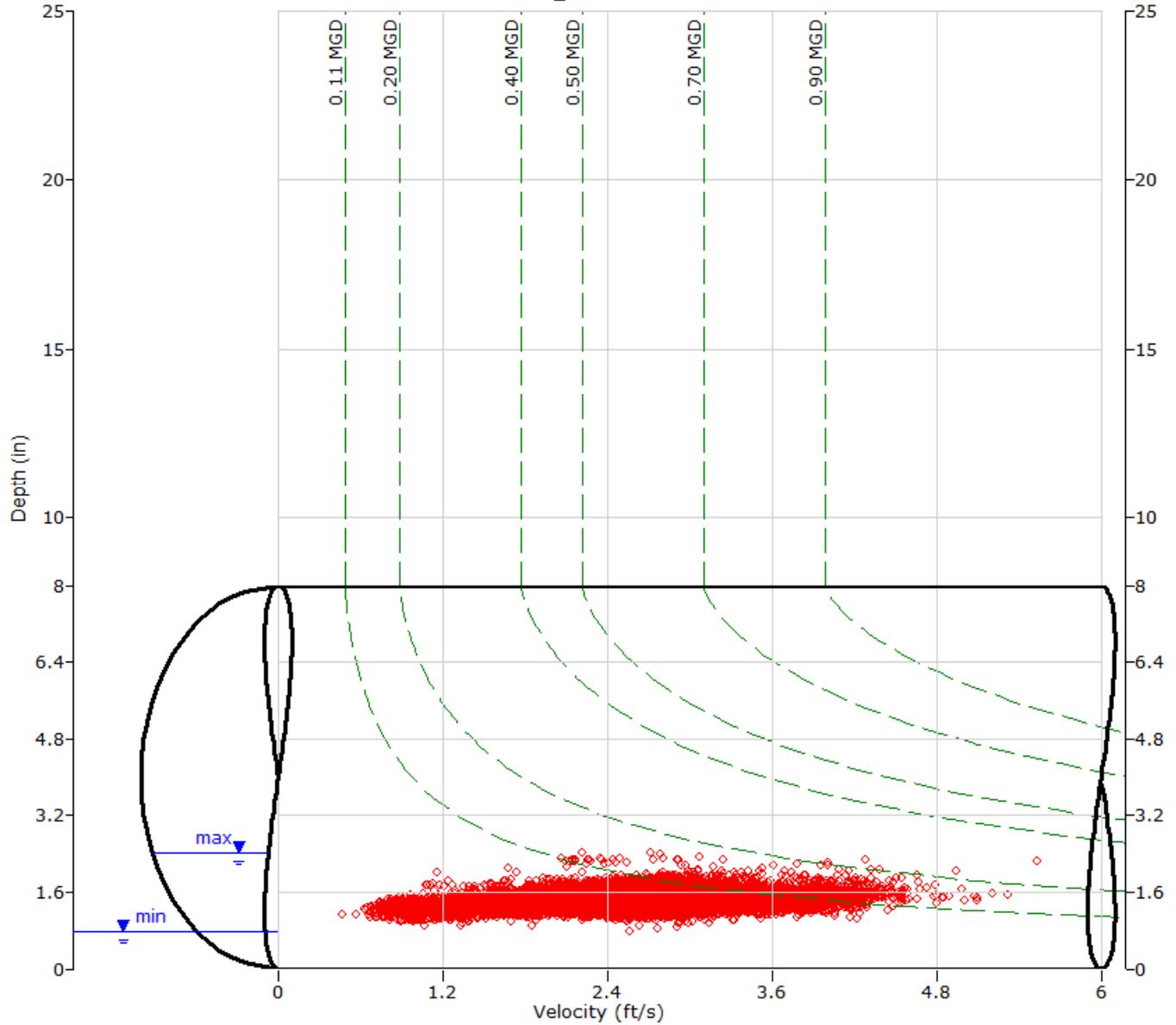
SF_Bound3

Flow Monitor
SF_Bound3



Report Period
4/11/2016
To
6/9/2016

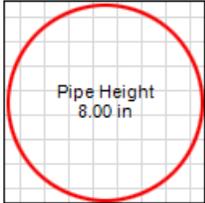
- Legend**
- Depth - Velocity
 - - - Iso-Q™
 - - - Silt
 - ▼ Min-Max Depth



HYDROGRAPH REPORT

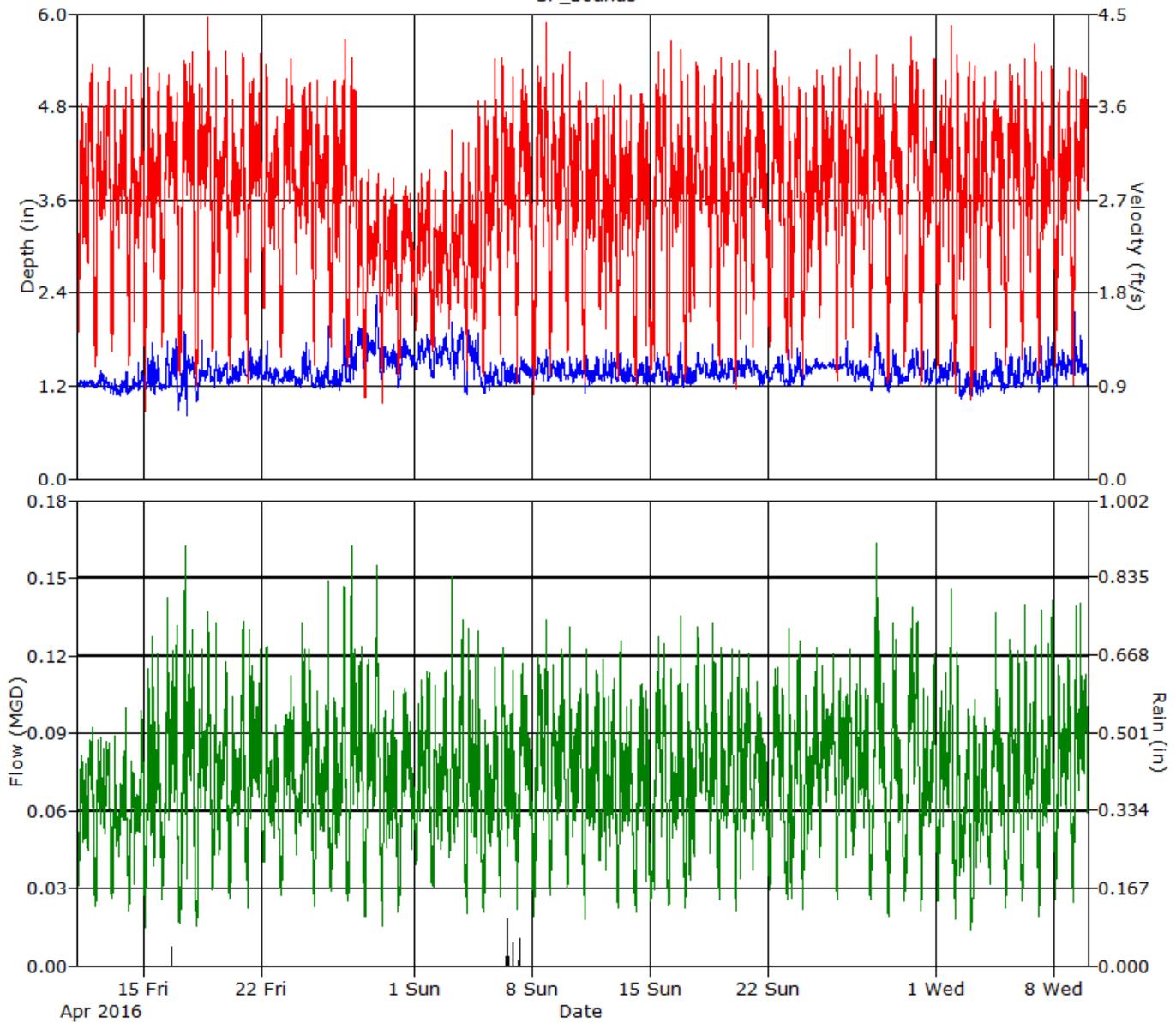
SF_Bound3

Flow Monitor
SF_Bound3



Report Period
4/11/2016
To
6/9/2016

- Legend
- Depth
 - Velocity
 - Quantity
 - Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bound3, Pipe Height: 8 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	11:15	1.16	10:10	1.31	1.23	02:40	1.10	20:15	4.25	2.87	02:40	0.024	19:20	0.098	0.063	0.063	
4/12/2016	15:25	1.02	10:25	1.40	1.25	02:45	0.97	20:00	4.18	2.80	02:45	0.020	10:25	0.097	0.063	0.063	
4/13/2016	11:35	1.00	21:55	1.66	1.18	01:15	1.06	15:55	4.25	2.71	01:15	0.021	21:55	0.137	0.057	0.057	
4/14/2016	00:20	1.08	15:15	1.70	1.22	03:30	0.89	20:40	4.20	2.68	03:30	0.017	20:40	0.112	0.059	0.059	
4/15/2016	14:45	1.09	16:15	2.12	1.28	01:20	0.64	21:20	4.29	2.70	01:25	0.014	12:35	0.167	0.065	0.065	
4/16/2016	23:50	1.06	19:40	2.05	1.35	01:55	1.16	16:10	4.08	2.86	01:55	0.023	19:40	0.160	0.075	0.075	0.04
4/17/2016	12:15	0.77	10:35	2.28	1.31	03:15	0.88	17:15	4.80	2.82	03:20	0.015	10:35	0.227	0.072	0.072	
4/18/2016	02:00	1.00	10:30	1.83	1.32	03:10	0.81	18:45	5.01	2.86	03:10	0.013	18:50	0.157	0.073	0.073	
4/19/2016	04:30	1.18	06:30	1.68	1.36	02:15	1.09	18:10	4.32	2.76	02:15	0.025	06:30	0.140	0.072	0.072	
4/20/2016	17:55	1.16	19:20	1.95	1.37	01:40	1.01	20:55	4.23	2.78	01:40	0.025	19:20	0.164	0.073	0.073	
4/21/2016	17:25	1.21	08:45	1.94	1.43	03:30	0.91	12:30	4.65	2.87	03:30	0.022	08:45	0.155	0.079	0.079	
4/22/2016	17:05	1.19	07:35	2.08	1.34	02:15	1.31	21:55	4.31	2.73	02:15	0.032	07:35	0.165	0.069	0.069	
4/23/2016	03:25	1.20	15:00	1.70	1.32	03:20	0.77	10:50	4.80	2.80	03:25	0.017	14:20	0.139	0.069	0.069	
4/24/2016	07:10	1.14	09:25	2.23	1.36	23:25	1.56	09:25	5.53	3.03	23:25	0.034	09:25	0.284	0.079	0.079	
4/25/2016	05:35	1.14	22:25	2.15	1.30	02:40	1.00	21:15	4.23	2.78	02:40	0.020	22:25	0.195	0.068	0.068	
4/26/2016	11:00	1.14	20:25	2.18	1.34	02:10	1.15	21:35	4.41	2.78	02:10	0.026	20:25	0.189	0.071	0.071	
4/27/2016	05:35	1.15	19:55	2.08	1.58	01:20	0.95	14:30	4.89	2.51	02:50	0.021	07:20	0.177	0.081	0.081	
4/28/2016	02:45	1.29	20:30	2.41	1.70	03:35	0.71	21:45	3.30	2.10	01:45	0.017	18:50	0.171	0.077	0.077	
4/29/2016	03:40	1.20	18:50	1.80	1.51	03:30	0.67	18:50	3.68	2.08	03:30	0.014	18:50	0.140	0.063	0.063	
4/30/2016	02:05	1.17	10:05	1.97	1.54	01:55	0.72	09:20	3.19	2.11	01:55	0.015	09:20	0.133	0.067	0.067	
5/1/2016	23:50	1.37	12:45	1.93	1.62	03:50	1.39	22:25	3.45	2.29	23:50	0.037	19:20	0.141	0.076	0.076	
5/2/2016	03:45	1.29	20:00	1.89	1.59	03:45	0.89	22:45	3.48	2.12	03:45	0.021	22:45	0.140	0.070	0.070	
5/3/2016	10:25	1.22	06:25	2.06	1.65	04:25	1.31	06:25	4.38	2.22	04:25	0.034	06:25	0.202	0.076	0.076	
5/4/2016	03:55	1.08	19:55	1.95	1.51	14:45	0.82	20:55	4.43	2.27	03:40	0.019	06:05	0.154	0.070	0.070	
5/5/2016	05:00	1.05	13:45	1.56	1.29	01:40	0.85	20:45	4.24	2.60	04:15	0.017	19:50	0.121	0.062	0.062	
5/6/2016	12:05	1.17	21:40	1.59	1.34	02:45	1.20	21:40	4.56	2.83	02:50	0.026	21:40	0.145	0.072	0.072	0.34
5/7/2016	02:00	1.20	13:55	1.71	1.38	03:55	0.90	11:30	4.84	2.84	03:55	0.021	14:50	0.146	0.075	0.075	0.13
5/8/2016	17:15	1.24	21:25	1.90	1.43	03:40	0.78	21:05	5.32	2.76	03:40	0.018	21:05	0.163	0.076	0.076	
5/9/2016	17:50	1.20	05:15	1.66	1.40	02:25	0.92	19:15	4.98	2.80	02:25	0.023	19:15	0.169	0.076	0.076	
5/10/2016	09:30	1.17	15:55	1.71	1.38	03:35	0.96	05:25	4.78	2.80	03:35	0.024	05:25	0.141	0.073	0.073	
5/11/2016	04:00	1.10	20:10	1.81	1.37	04:00	0.77	20:10	4.36	2.63	04:00	0.014	20:10	0.167	0.069	0.069	
5/12/2016	07:20	1.20	09:40	1.69	1.39	09:10	0.80	13:25	4.35	2.68	09:10	0.022	13:25	0.135	0.071	0.071	
5/13/2016	13:40	1.15	17:25	1.79	1.35	02:50	0.84	05:55	4.20	2.68	02:50	0.019	05:55	0.144	0.069	0.069	
5/14/2016	19:20	1.14	19:00	1.76	1.35	02:35	0.75	12:55	4.19	2.57	04:25	0.017	12:55	0.122	0.066	0.066	
5/15/2016	06:00	1.19	11:35	1.72	1.38	02:05	0.78	22:40	4.54	2.76	02:05	0.018	20:55	0.152	0.073	0.073	
5/16/2016	08:55	1.16	18:50	1.82	1.34	02:55	0.91	06:40	5.09	2.70	03:40	0.022	20:40	0.155	0.068	0.068	
5/17/2016	00:55	1.16	22:50	1.75	1.35	02:15	0.89	18:55	4.86	2.73	02:55	0.021	21:50	0.149	0.070	0.070	
5/18/2016	22:15	1.22	17:40	1.89	1.43	14:45	1.24	17:40	4.55	2.95	14:45	0.033	17:40	0.186	0.081	0.081	
5/19/2016	03:55	1.10	16:20	1.57	1.39	03:55	0.76	20:50	4.38	2.72	03:55	0.014	20:50	0.135	0.073	0.073	
5/20/2016	00:10	1.21	16:55	1.95	1.43	03:35	0.81	07:20	4.57	2.68	03:35	0.020	16:55	0.140	0.074	0.074	
5/21/2016	17:45	1.18	09:55	1.62	1.37	02:25	1.13	12:10	4.54	2.82	02:25	0.032	09:55	0.147	0.072	0.072	
5/22/2016	19:20	1.23	14:25	1.78	1.38	04:30	1.02	12:10	4.36	2.83	04:30	0.024	14:30	0.147	0.075	0.075	
5/23/2016	05:15	1.18	17:45	1.89	1.37	09:20	0.76	06:35	4.47	2.63	09:20	0.016	17:45	0.171	0.070	0.070	
5/24/2016	03:15	1.19	21:00	1.67	1.41	01:25	0.82	21:00	4.57	2.69	01:30	0.018	21:00	0.156	0.073	0.073	
5/25/2016	01:20	1.41	21:10	1.57	1.46	01:15	1.26	11:00	4.49	2.98	01:15	0.034	21:00	0.131	0.084	0.084	
5/26/2016	18:25	1.30	16:25	1.97	1.46	02:00	0.90	20:45	4.41	2.80	02:00	0.025	16:40	0.145	0.079	0.079	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)					Rain (in)	
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	04:55	1.24	19:10	1.66	1.39	00:20	1.32	19:10	4.41	2.95	00:20	0.039	19:10	0.149	0.078	0.078	
5/28/2016	05:15	1.11	10:00	2.06	1.43	01:55	1.09	20:30	4.35	2.85	02:15	0.023	10:00	0.199	0.081	0.081	
5/29/2016	04:10	1.12	11:05	1.75	1.34	04:10	0.83	11:05	4.79	2.71	04:10	0.016	11:05	0.176	0.069	0.069	
5/30/2016	15:45	1.17	13:35	1.88	1.41	04:40	0.84	21:15	4.73	2.93	04:40	0.019	13:35	0.182	0.081	0.081	
5/31/2016	14:25	1.17	05:25	1.75	1.38	02:15	0.70	20:05	5.09	2.74	02:15	0.015	21:30	0.158	0.072	0.072	
6/1/2016	15:35	1.17	20:30	1.94	1.38	03:25	0.83	20:30	4.65	2.84	03:25	0.019	20:30	0.196	0.076	0.076	
6/2/2016	11:20	1.03	06:25	1.52	1.26	00:40	0.74	21:05	4.46	2.62	03:30	0.017	06:15	0.121	0.060	0.060	
6/3/2016	15:40	1.04	08:25	2.11	1.25	01:35	0.47	21:55	4.33	2.63	01:35	0.009	21:55	0.129	0.060	0.060	
6/4/2016	21:55	1.10	12:00	2.02	1.33	04:05	1.29	12:50	5.21	2.97	04:05	0.028	12:00	0.222	0.075	0.075	
6/5/2016	00:10	1.08	20:55	1.80	1.32	02:25	0.89	20:55	4.67	2.85	02:25	0.018	20:55	0.178	0.072	0.072	
6/6/2016	00:35	1.14	14:30	1.80	1.40	01:40	0.93	20:15	5.07	2.87	01:40	0.021	20:15	0.151	0.078	0.078	
6/7/2016	02:50	1.11	19:35	2.06	1.38	02:30	0.91	06:15	4.45	2.76	02:50	0.018	19:35	0.188	0.074	0.074	
6/8/2016	00:00	1.17	04:35	1.85	1.43	01:50	0.93	21:00	4.28	2.79	01:50	0.022	06:40	0.136	0.078	0.078	
6/9/2016	23:35	1.15	05:00	2.22	1.48	02:45	0.88	20:45	4.51	2.92	00:50	0.023	08:50	0.157	0.085	0.085	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			4.328	0.51
Avg	1.39	2.71	0.072	

Site Commentary

Site Information

SF_Bound432	
Pipe Dimensions	8.00" x 8.00"
Silt Level	0.00"

Overview

Site SF_Bound432 functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. Review of the scattergraph shows flow in this line remained free flowing throughout the study period.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located upstream of location SF_Bas02. A review of balancing indicated no problems (See SF_Bas02 Site Commentary For More Details).

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 30% full at its recorded peak of 2.42 inches and approximately 22% full during its recorded average depth of 1.76 inches.

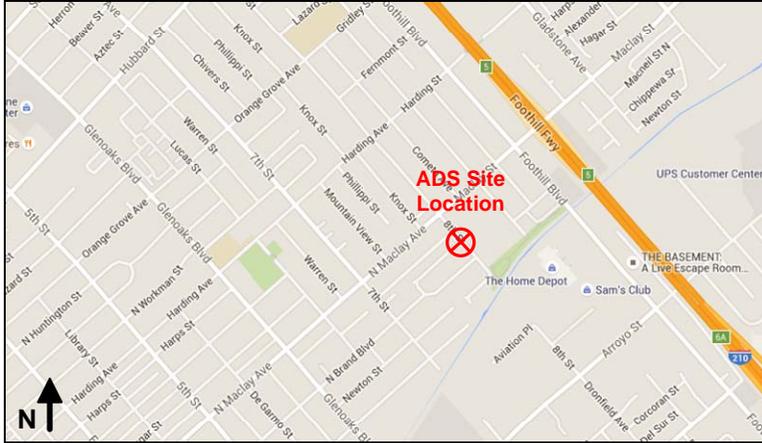
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	1.76	0.95	0.037
Minimum	0.99	0.42	0.008
Maximum	2.89	1.67	0.123
Time of Minimum	5/15/2016 4:55 AM	4/18/2016 3:20 AM	5/11/2016 2:50 AM
Time of Maximum	5/6/2016 4:00 PM	5/6/2016 4:00 PM	5/6/2016 4:00 PM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

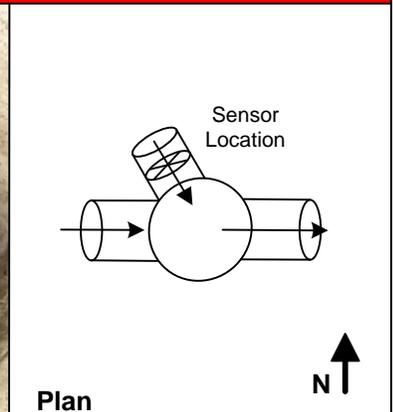
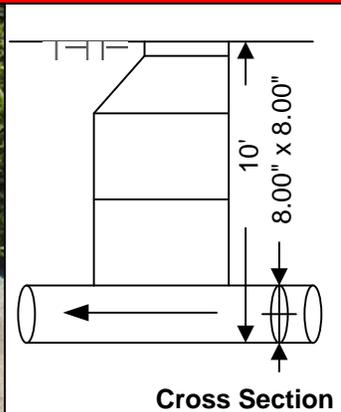
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bound432		Install Date: 04/01/16		Monitor Type		Peak Doppler	
Address/Location: 8 th and Macneil; North on sidewalk of 8 th St				Monitor Model		Triton	
				Data Acquisition		Manual/Wireless Collect	
				Manhole ID			
Access: Drive	Type of System:	Sanitary <input type="checkbox"/>	Storm <input type="checkbox"/>	Combined <input type="checkbox"/>	Pipe Height:		8.00 "
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pipe Width:		8.00 "



Investigation Information: Manhole Information:

Date/Time of Investigation:		04/01/16		Manhole Depth:		10'		
Site Hydraulics:		Good flow with curved exit		Manhole Material / Condition		Precast/Good		
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition:		VCP/Good		
Upstream Manhole:		Not investigated		Land Use:	Residential <input checked="" type="checkbox"/>	Commercial <input type="checkbox"/>	Industrial <input type="checkbox"/>	Trunk <input type="checkbox"/>
Downstream Manhole:		Not investigated		Oxygen: 20.9	H2S: 0	LEL: 0	CO: 0	
Depth of Flow:	1.75	+/-	0.25	Safety Notes: 2 man crew required; No special requirements				
Range (Air DOF):		+/-						
Peak Velocity:	1.18	fps						
Silt:	0.00	Inches						

Other Information:



Installation Information		Backup		Yes	No	?	Distance
Installation Type:	Standard	Trunk			x		
Sensors Devices:	Ultrasonic/Pressure/Velocit	Lift / Pump Station			x		
Surcharge Height:	0	WWTP			x		
Rain Gauge Zone:		Other			x		

Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

SF_Bound432

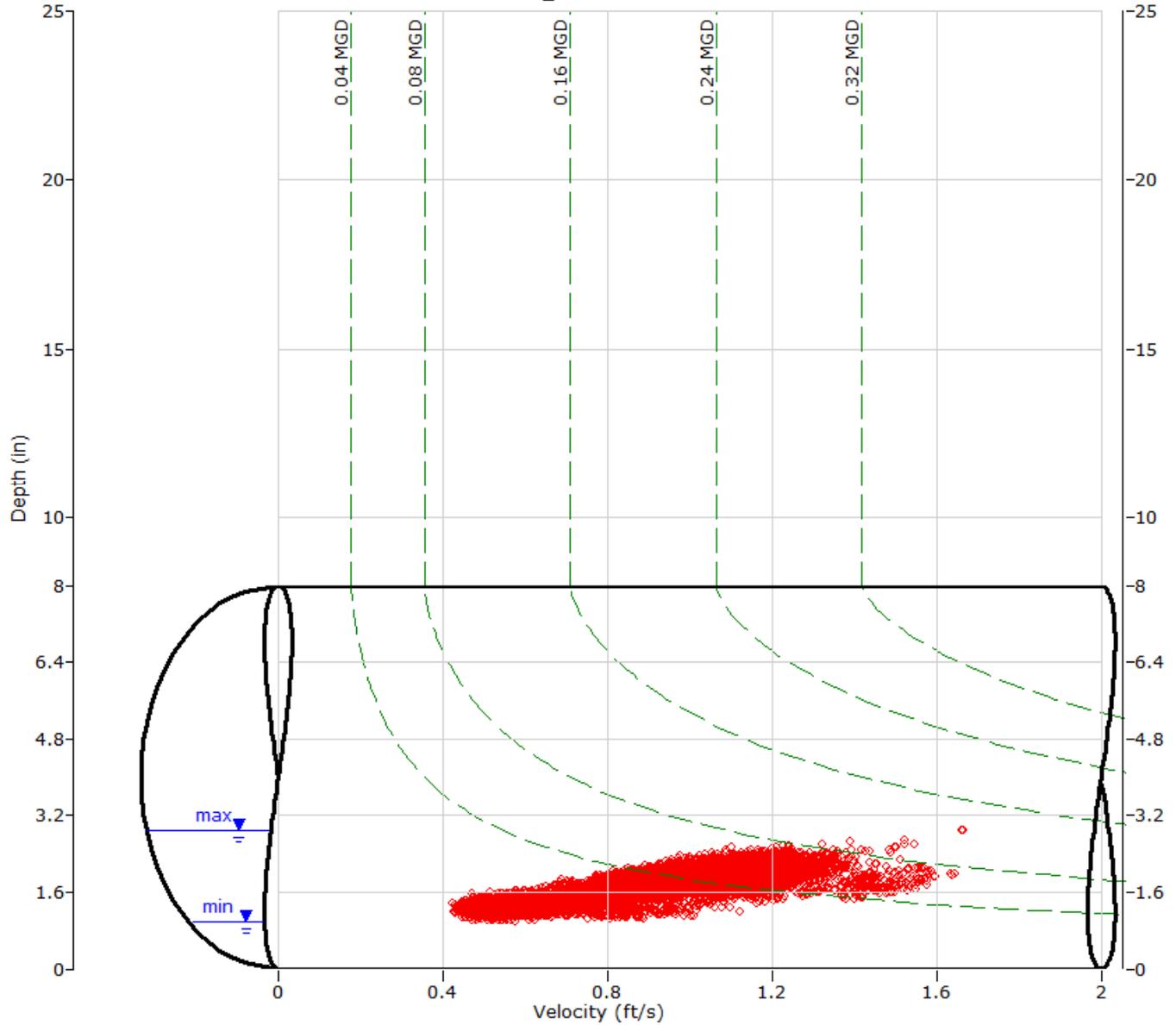
Flow Monitor
SF_Bound432

Pipe Height
8.00 in

Report Period
4/11/2016
To
6/9/2016

Legend

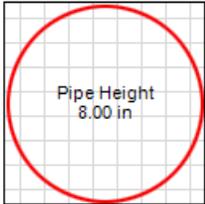
- Depth - Velocity
- - - Iso-Q™
- - - Silt
- ▼ Min-Max Depth



HYDROGRAPH REPORT

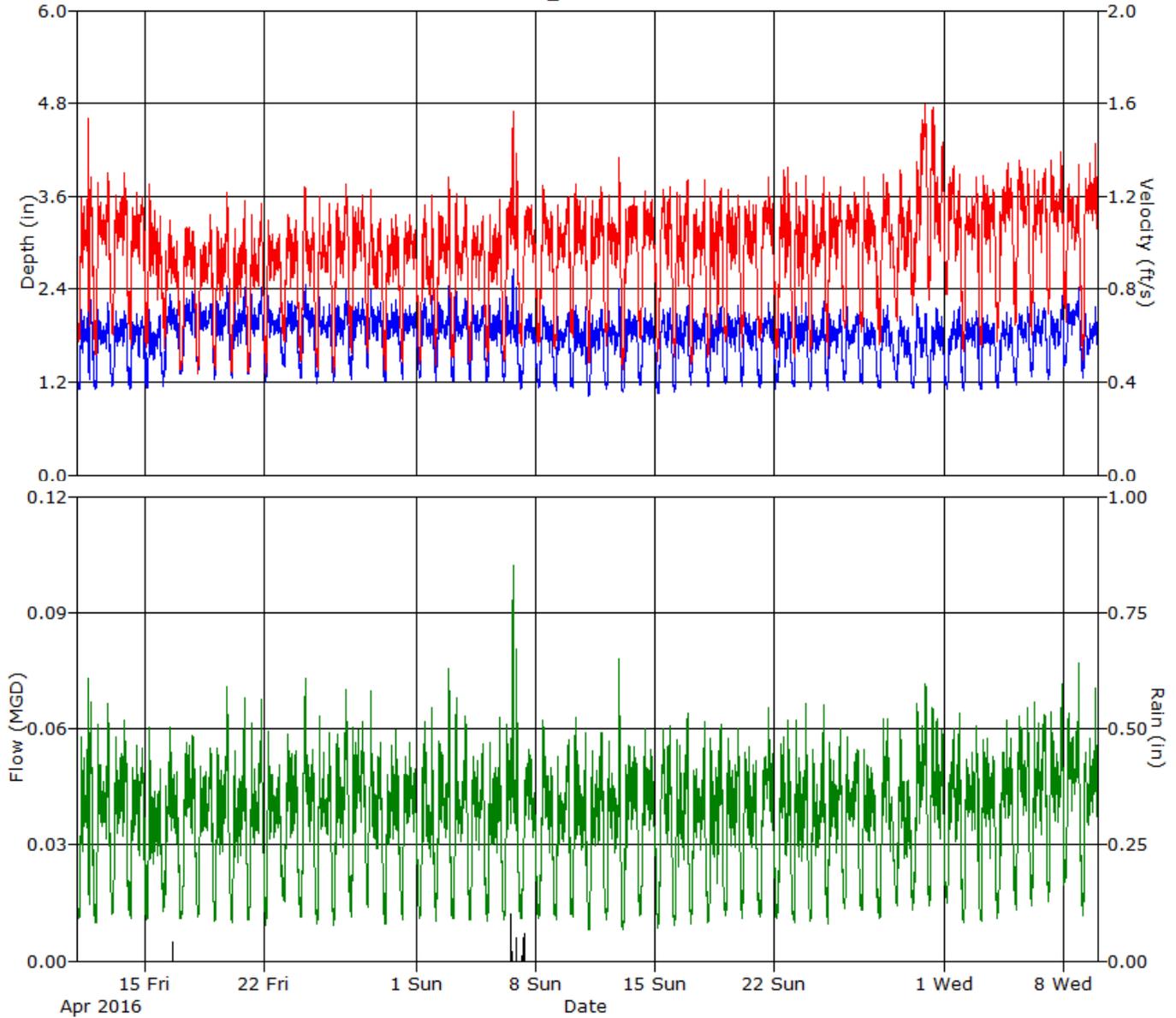
SF_Bound432

Flow Monitor
SF_Bound432



Report Period
4/11/2016
To
6/9/2016

- Legend**
- Depth
 - Velocity
 - Quantity
 - Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bound432, Pipe Height: 8 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	17:20	1.10	20:50	2.37	1.68	03:30	0.56	17:10	1.57	0.96	03:30	0.011	17:10	0.075	0.035	0.035	
4/12/2016	02:05	1.09	20:50	2.32	1.70	04:15	0.51	20:50	1.32	0.98	02:45	0.010	20:50	0.071	0.037	0.037	
4/13/2016	02:20	1.13	15:55	2.40	1.72	03:30	0.59	19:30	1.34	1.01	02:20	0.011	15:55	0.076	0.038	0.038	
4/14/2016	02:40	1.11	20:30	2.21	1.68	04:25	0.56	13:10	1.25	0.97	04:25	0.011	13:10	0.063	0.035	0.035	
4/15/2016	03:30	1.11	21:20	2.19	1.64	03:00	0.55	07:35	1.25	0.91	04:20	0.011	07:35	0.061	0.032	0.032	
4/16/2016	02:55	1.13	13:30	2.47	1.83	04:35	0.53	11:25	1.11	0.85	02:30	0.012	13:30	0.065	0.034	0.034	0.04
4/17/2016	03:00	1.24	20:10	2.53	1.89	03:00	0.44	10:45	1.12	0.84	03:00	0.010	20:10	0.068	0.036	0.036	
4/18/2016	04:00	1.33	12:35	2.42	1.89	03:20	0.42	20:35	1.16	0.83	03:15	0.011	12:35	0.061	0.035	0.035	
4/19/2016	03:15	1.21	20:25	2.56	1.89	04:10	0.45	20:25	1.24	0.85	03:20	0.010	20:25	0.077	0.037	0.037	
4/20/2016	03:25	1.26	21:35	2.50	1.86	03:40	0.43	21:35	1.25	0.83	03:40	0.010	21:35	0.075	0.035	0.035	
4/21/2016	02:45	1.28	20:25	2.57	1.89	02:35	0.44	20:25	1.23	0.85	02:45	0.010	20:25	0.077	0.036	0.036	
4/22/2016	03:25	1.19	21:10	2.32	1.83	03:20	0.43	21:10	1.14	0.86	03:20	0.009	21:10	0.062	0.035	0.035	
4/23/2016	05:50	1.39	10:05	2.44	1.86	04:20	0.57	10:05	1.18	0.88	05:50	0.015	10:05	0.069	0.036	0.036	
4/24/2016	04:10	1.23	09:55	2.58	1.86	04:10	0.47	09:55	1.32	0.88	04:10	0.010	09:55	0.083	0.037	0.037	
4/25/2016	03:25	1.18	06:45	2.37	1.80	04:30	0.44	06:45	1.23	0.88	03:25	0.009	06:45	0.069	0.035	0.035	
4/26/2016	03:05	1.19	21:50	2.44	1.84	03:10	0.44	19:25	1.27	0.91	03:05	0.009	19:25	0.073	0.038	0.038	
4/27/2016	03:10	1.21	17:15	2.38	1.87	03:25	0.52	18:50	1.28	0.94	03:10	0.011	18:50	0.071	0.039	0.039	
4/28/2016	02:40	1.36	07:25	2.40	1.91	04:00	0.51	07:15	1.23	0.90	02:40	0.014	07:25	0.070	0.038	0.038	
4/29/2016	03:25	1.17	18:50	2.46	1.80	03:25	0.43	18:50	1.23	0.85	03:25	0.009	18:50	0.072	0.034	0.034	
4/30/2016	03:35	1.23	14:15	2.31	1.85	03:45	0.47	08:40	1.18	0.90	03:35	0.010	08:40	0.062	0.037	0.037	
5/1/2016	04:40	1.23	09:10	2.37	1.83	03:30	0.47	21:10	1.21	0.86	03:30	0.010	21:10	0.068	0.035	0.035	
5/2/2016	03:10	1.22	21:30	2.65	1.86	02:55	0.47	21:30	1.39	0.92	03:05	0.010	21:30	0.091	0.039	0.039	
5/3/2016	04:10	1.20	19:25	2.40	1.85	03:35	0.49	21:05	1.22	0.90	03:05	0.011	07:30	0.068	0.037	0.037	
5/4/2016	02:45	1.20	10:10	2.37	1.83	02:40	0.47	10:10	1.23	0.88	02:40	0.010	10:10	0.069	0.036	0.036	
5/5/2016	04:15	1.18	20:55	2.46	1.80	03:15	0.48	20:20	1.26	0.88	03:15	0.010	20:55	0.072	0.035	0.035	
5/6/2016	02:10	1.19	16:00	2.89	1.81	03:15	0.48	16:00	1.67	0.98	03:15	0.010	16:00	0.123	0.041	0.041	0.34
5/7/2016	02:00	1.06	13:45	2.31	1.68	01:55	0.53	15:55	1.21	0.94	01:55	0.010	13:45	0.065	0.034	0.034	0.13
5/8/2016	04:05	1.12	11:45	2.24	1.70	03:35	0.52	11:45	1.27	0.94	03:35	0.010	11:45	0.066	0.035	0.035	
5/9/2016	04:25	1.09	21:45	2.33	1.68	02:15	0.52	21:45	1.27	0.94	02:15	0.010	21:45	0.069	0.034	0.034	
5/10/2016	03:30	1.11	21:40	2.28	1.67	03:30	0.58	07:30	1.25	0.97	03:30	0.011	21:45	0.065	0.035	0.035	
5/11/2016	01:30	1.00	20:05	2.27	1.68	02:50	0.47	20:05	1.33	0.96	02:50	0.008	20:05	0.070	0.035	0.035	
5/12/2016	04:10	1.10	21:30	2.48	1.71	02:50	0.52	07:30	1.41	0.95	02:50	0.010	21:30	0.083	0.035	0.035	
5/13/2016	02:10	1.07	12:00	2.29	1.72	02:00	0.45	17:40	1.23	0.95	02:00	0.008	12:00	0.064	0.036	0.036	
5/14/2016	02:50	1.15	10:05	2.21	1.73	01:40	0.57	10:25	1.23	0.97	01:40	0.012	10:15	0.062	0.036	0.036	
5/15/2016	04:55	0.99	16:55	2.35	1.70	03:20	0.48	18:20	1.28	0.95	04:05	0.008	16:55	0.071	0.036	0.036	
5/16/2016	03:25	1.07	22:15	2.22	1.71	03:15	0.50	22:15	1.31	0.94	03:25	0.009	22:15	0.067	0.035	0.035	
5/17/2016	02:40	1.10	21:25	2.40	1.74	02:40	0.46	21:25	1.36	0.92	02:40	0.009	21:25	0.077	0.035	0.035	
5/18/2016	04:00	1.13	20:35	2.42	1.72	04:00	0.49	20:35	1.32	0.92	04:00	0.009	20:35	0.076	0.035	0.035	
5/19/2016	03:15	1.16	20:30	2.20	1.75	02:55	0.56	06:35	1.36	0.96	02:35	0.012	06:35	0.065	0.037	0.037	
5/20/2016	02:20	1.14	13:20	2.27	1.73	02:15	0.54	09:35	1.25	0.95	02:20	0.011	13:20	0.066	0.036	0.036	
5/21/2016	04:25	1.11	16:45	2.35	1.74	05:05	0.56	16:45	1.35	0.98	05:05	0.011	16:45	0.075	0.038	0.038	
5/22/2016	02:25	1.10	14:10	2.31	1.65	02:35	0.47	15:45	1.41	0.94	03:20	0.011	14:10	0.075	0.033	0.033	
5/23/2016	04:20	1.13	20:35	2.28	1.73	04:20	0.50	20:55	1.30	0.94	04:20	0.010	20:35	0.068	0.036	0.036	
5/24/2016	03:00	1.11	21:40	2.28	1.69	03:00	0.52	21:50	1.30	0.94	03:00	0.010	21:40	0.069	0.034	0.034	
5/25/2016	03:25	1.09	11:05	2.30	1.71	03:25	0.50	21:35	1.31	0.97	03:25	0.009	11:05	0.068	0.036	0.036	
5/26/2016	03:45	1.19	06:55	2.30	1.73	04:10	0.61	06:55	1.25	1.00	03:45	0.013	06:55	0.067	0.037	0.037	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)					Rain (in)	
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	04:30	1.17	17:30	2.21	1.68	03:05	0.61	07:30	1.33	0.97	03:05	0.013	17:30	0.062	0.035	0.035	
5/28/2016	05:20	1.12	16:40	2.28	1.68	05:10	0.54	10:00	1.39	0.97	05:10	0.010	10:00	0.073	0.035	0.035	
5/29/2016	04:45	1.19	19:05	2.17	1.62	04:45	0.66	10:40	1.33	0.98	04:45	0.014	19:05	0.063	0.033	0.033	
5/30/2016	04:15	1.09	11:10	2.47	1.65	04:15	0.65	20:35	1.64	1.18	04:15	0.012	22:05	0.080	0.042	0.042	
5/31/2016	03:05	1.05	14:35	2.36	1.67	01:50	0.72	07:45	1.60	1.18	03:10	0.014	14:35	0.075	0.042	0.042	
6/1/2016	03:50	1.10	13:50	2.34	1.68	02:40	0.75	12:55	1.38	1.09	04:15	0.015	13:50	0.072	0.039	0.039	
6/2/2016	03:45	1.08	09:45	2.18	1.72	04:15	0.51	21:45	1.31	1.00	04:15	0.009	21:45	0.063	0.038	0.038	
6/3/2016	04:05	1.10	22:15	2.18	1.69	02:55	0.54	22:15	1.34	1.02	04:05	0.010	22:15	0.067	0.037	0.037	
6/4/2016	04:05	1.11	12:40	2.28	1.65	03:05	0.56	17:35	1.42	1.05	03:05	0.011	12:40	0.071	0.037	0.037	
6/5/2016	04:50	1.13	21:20	2.19	1.76	04:55	0.62	10:35	1.38	1.08	04:55	0.012	10:35	0.067	0.041	0.041	
6/6/2016	03:30	1.24	07:50	2.24	1.81	02:45	0.60	22:15	1.36	1.07	03:30	0.013	07:30	0.069	0.043	0.043	
6/7/2016	03:20	1.20	22:15	2.37	1.79	03:20	0.64	19:45	1.41	1.10	03:20	0.014	22:15	0.075	0.043	0.043	
6/8/2016	00:50	1.38	21:00	2.46	1.95	03:15	0.58	21:00	1.36	1.05	03:15	0.018	21:00	0.080	0.046	0.046	
6/9/2016	03:00	1.21	21:35	2.20	1.75	03:00	0.46	21:30	1.45	1.07	03:00	0.010	21:35	0.073	0.040	0.040	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			2.201	0.51
Avg	1.76	0.95	0.037	

Site Commentary

Site Information

SF_Bound595alt	
Pipe Dimensions	14.88" x 14.88"
Silt Level	0.00"

Overview

Site SF_Bound595alt functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. This is an alternate location. The original location was relocated due to client request. Review of the scattergraph shows that flows remained free flowing throughout the period. Due to the low flow conditions with respect to the size of the pipe, this data set is of slightly lower confidence than typical.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located upstream of location SF_Bas04. A review of balancing indicated minimal net flows (See SF_Bas04 Site Commentary For More Details).

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 6% full at its recorded peak of .94 inches and approximately 3% full during its recorded average depth of .51 inches.

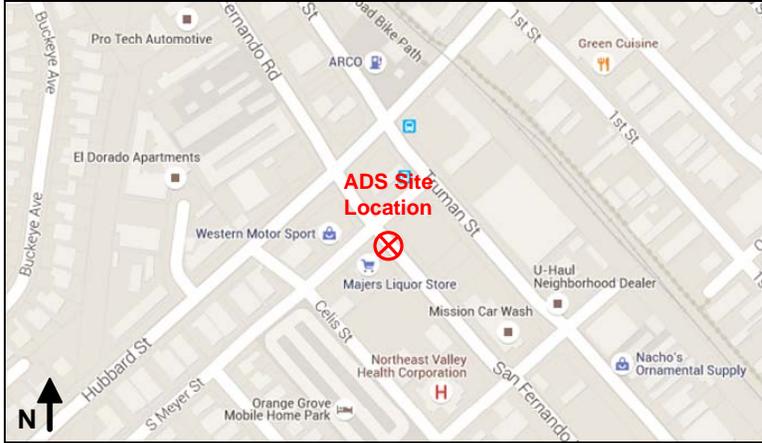
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	0.51	1.33	0.013
Minimum	0.11	0.25	0.000
Maximum	1.25	3.21	0.098
Time of Minimum	5/25/2016 2:30 PM	6/4/2016 5:00 AM	5/25/2016 7:40 PM
Time of Maximum	5/25/2016 2:50 AM	6/1/2016 12:20 PM	5/25/2016 2:50 AM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

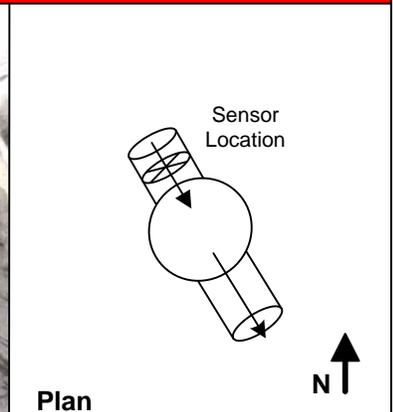
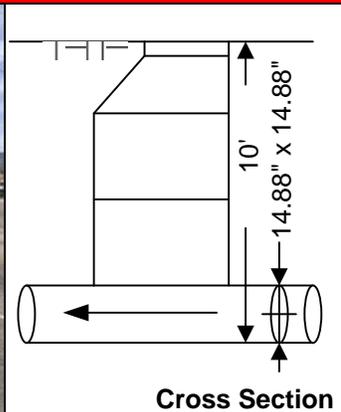
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bound595alt		Install Date: 04/06/16		Monitor Type: Peak Doppler			
Address/Location: San Fernando Rd & Meyer		Monitor Model: Triton		Data Acquisition: Manual/Wireless Collect			
Access: Drive		Type of System:		Manhole ID:			
		Sanitary <input checked="" type="checkbox"/>		Storm <input type="checkbox"/>		Combined <input type="checkbox"/>	
				Pipe Height: 14.88"			
				Pipe Width: 14.88"			



Investigation Information: Manhole Information:

Date/Time of Investigation:		04/06/16 14:41		Manhole Depth:		10'	
Site Hydraulics:		Little to no flow during installation		Manhole Material / Condition:		Brick/Good	
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition:		VCP/Good	
Upstream Manhole:		Not investigated		Land Use:		Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Trunk <input type="checkbox"/>	
Downstream Manhole:		Not investigated		Oxygen: 20.9		H2S: 0	
Depth of Flow:		0.50 +/- 0.25		LEL: 0		CO: 0	
Range (Air DOF):		+/-		Safety Notes: 2 man crew, high traffic, arrow board required			
Peak Velocity:		0.01 fps					
Silt:		0.00 Inches					

Other Information:



Installation Information		Backup		Yes	No	?	Distance
Installation Type:	Standard	Trunk			x		
Sensors Devices:	Ultrasonic/Pressure/Velocit	Lift / Pump Station			x		
Surcharge Height:	0	WWTP			x		
Rain Gauge Zone:		Other			x		

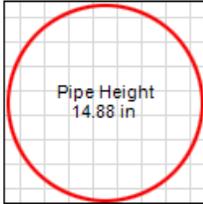
Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

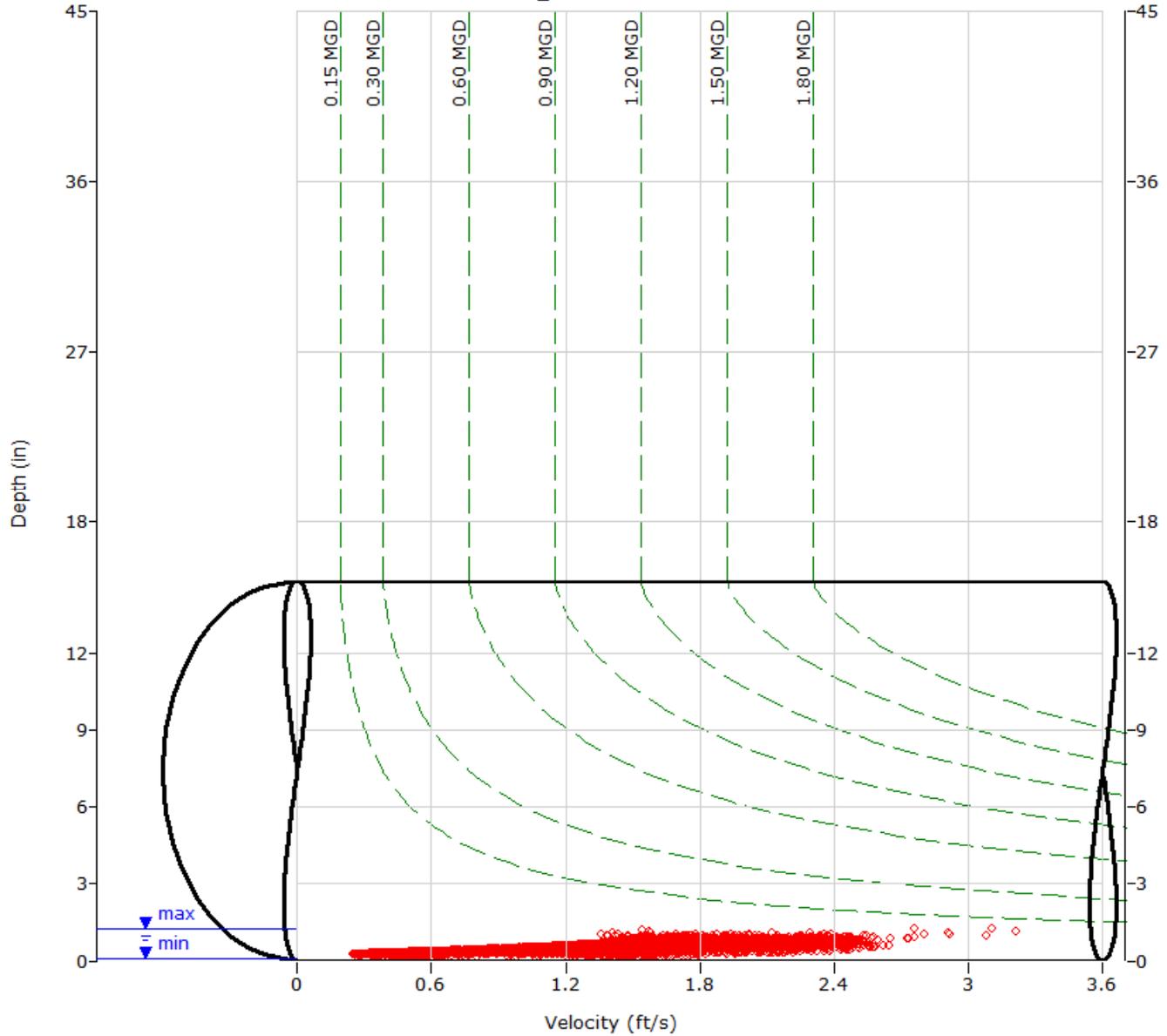
SF_Bound595alt

Flow Monitor
SF_Bound595alt



Report Period
4/11/2016
To
6/9/2016

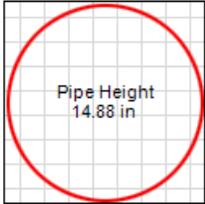
- Legend**
- Depth - Velocity
 - - - Iso-Q™
 - - - Silt
 - ▼ Min-Max Depth



HYDROGRAPH REPORT

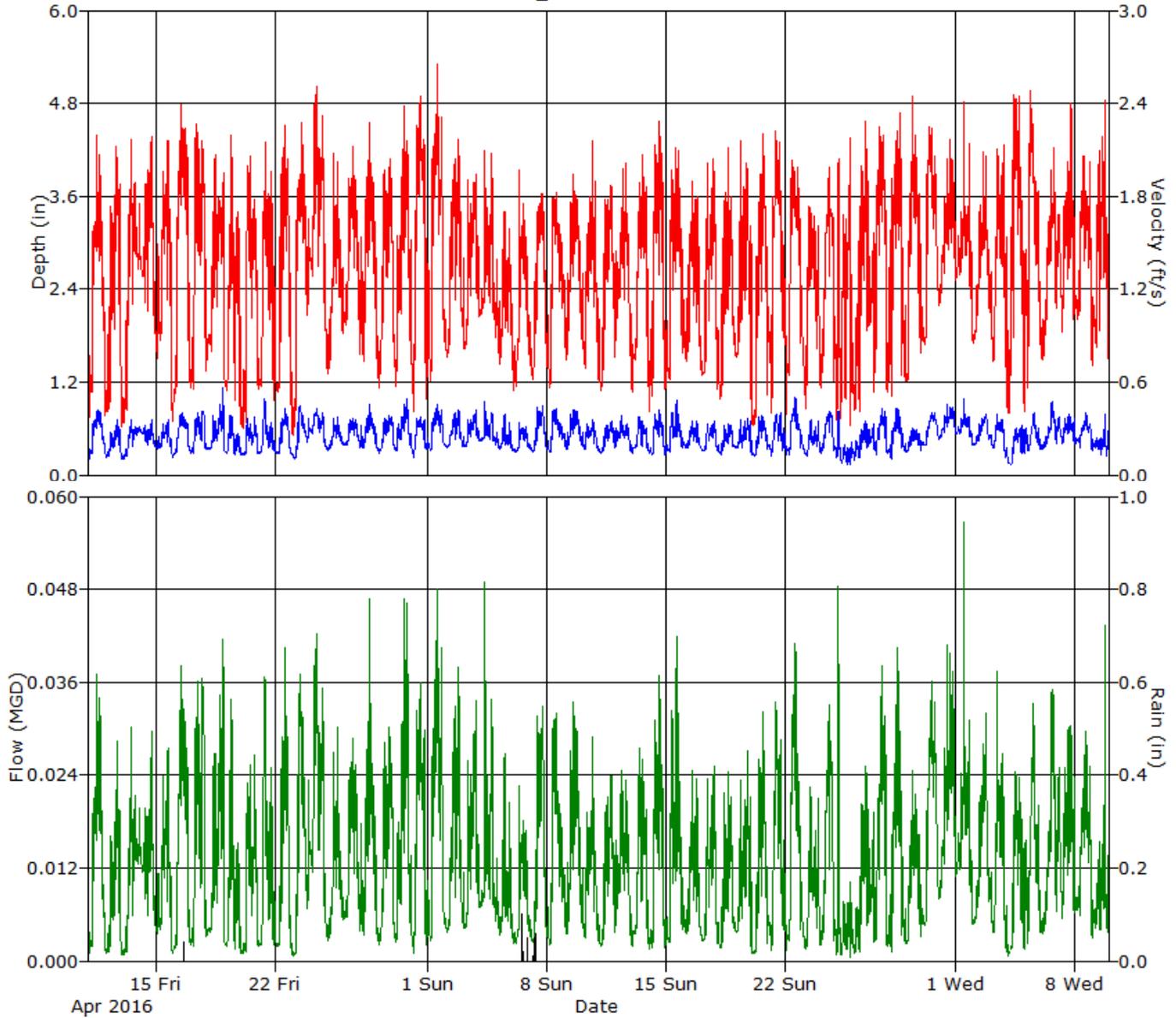
SF_Bound595alt

Flow Monitor
SF_Bound595alt



Report Period
4/11/2016
To
6/9/2016

- Legend
- Depth
 - Velocity
 - Quantity
 - Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bound595alt, Pipe Height: 14.88 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	02:30	0.20	12:55	0.91	0.54	02:55	0.36	12:55	2.76	1.26	02:55	0.001	12:55	0.054	0.014	0.014	
4/12/2016	03:45	0.20	18:35	0.75	0.41	01:15	0.31	18:30	2.26	1.15	02:50	0.001	18:30	0.033	0.009	0.009	
4/13/2016	00:00	0.20	13:30	0.72	0.44	02:30	0.28	13:10	2.36	1.17	02:30	0.001	13:10	0.032	0.010	0.010	
4/14/2016	13:00	0.35	18:45	0.73	0.53	23:50	0.78	18:35	2.41	1.48	23:50	0.004	18:45	0.034	0.014	0.014	
4/15/2016	23:50	0.24	18:25	0.74	0.45	23:25	0.27	18:25	2.29	1.32	23:25	0.001	18:25	0.033	0.010	0.010	
4/16/2016	00:45	0.23	14:20	0.97	0.52	00:45	0.40	19:55	2.52	1.47	00:45	0.001	14:20	0.041	0.016	0.016	0.04
4/17/2016	06:05	0.28	17:10	0.85	0.53	02:40	0.48	11:35	2.40	1.41	06:05	0.002	11:35	0.040	0.015	0.015	
4/18/2016	04:00	0.33	23:05	1.18	0.56	01:00	0.51	23:30	2.53	1.37	01:00	0.002	23:20	0.057	0.015	0.015	
4/19/2016	15:20	0.25	11:05	0.79	0.43	23:55	0.33	11:05	2.24	1.11	23:55	0.001	11:05	0.036	0.008	0.008	
4/20/2016	02:15	0.25	09:10	0.79	0.45	05:20	0.29	09:55	2.33	1.17	05:10	0.001	09:55	0.033	0.010	0.010	
4/21/2016	01:30	0.28	09:50	0.99	0.47	23:05	0.44	10:55	2.22	1.20	23:05	0.002	10:35	0.039	0.011	0.011	
4/22/2016	23:25	0.27	14:55	0.91	0.50	23:40	0.32	14:55	2.34	1.28	23:40	0.001	14:55	0.046	0.013	0.013	
4/23/2016	04:55	0.20	08:20	0.96	0.51	02:45	0.25	14:50	2.37	1.33	03:00	0.001	08:20	0.039	0.014	0.014	
4/24/2016	23:55	0.38	11:55	0.90	0.64	22:50	0.84	10:35	2.53	1.73	22:50	0.005	12:00	0.048	0.022	0.022	
4/25/2016	03:15	0.31	16:10	0.78	0.47	03:15	0.64	11:10	2.51	1.19	03:15	0.003	16:10	0.034	0.010	0.010	
4/26/2016	23:55	0.38	13:55	0.76	0.53	23:55	0.83	13:55	2.29	1.41	23:55	0.004	13:55	0.034	0.013	0.013	
4/27/2016	06:20	0.34	14:15	1.06	0.54	06:20	0.73	14:15	2.91	1.40	06:20	0.003	14:15	0.072	0.014	0.014	
4/28/2016	03:55	0.28	21:30	0.78	0.52	03:55	0.56	19:00	2.46	1.31	03:55	0.002	19:00	0.036	0.013	0.013	
4/29/2016	02:55	0.32	18:25	1.00	0.59	03:25	0.46	14:20	2.53	1.41	03:25	0.002	18:25	0.054	0.017	0.017	
4/30/2016	04:05	0.23	19:00	0.80	0.50	04:05	0.39	13:05	2.53	1.49	04:05	0.001	19:00	0.040	0.015	0.015	
5/1/2016	03:35	0.32	13:45	0.91	0.59	03:35	0.47	13:35	2.73	1.57	03:35	0.002	13:45	0.050	0.019	0.019	
5/2/2016	04:05	0.35	19:20	0.87	0.54	04:05	0.76	19:20	2.26	1.39	04:05	0.004	19:20	0.042	0.014	0.014	
5/3/2016	01:25	0.37	19:40	0.87	0.55	02:35	0.70	19:40	2.15	1.34	02:35	0.004	19:40	0.040	0.014	0.014	
5/4/2016	23:30	0.38	08:50	1.24	0.53	23:30	0.86	08:50	2.76	1.28	23:30	0.005	08:50	0.086	0.012	0.012	
5/5/2016	23:45	0.32	12:35	0.82	0.45	05:50	0.70	15:00	1.75	1.10	05:50	0.003	12:35	0.029	0.008	0.008	
5/6/2016	04:40	0.30	09:00	0.70	0.44	00:25	0.46	09:00	2.00	1.11	03:55	0.002	09:00	0.027	0.008	0.008	0.34
5/7/2016	04:55	0.30	10:20	0.97	0.54	04:55	0.61	18:45	1.82	1.22	04:55	0.002	12:35	0.034	0.013	0.013	0.13
5/8/2016	04:45	0.29	13:05	0.88	0.56	04:10	0.42	11:15	1.95	1.28	04:10	0.002	11:15	0.035	0.014	0.014	
5/9/2016	05:15	0.33	09:30	0.86	0.58	04:05	0.69	13:45	1.95	1.35	04:05	0.003	13:55	0.035	0.015	0.015	
5/10/2016	06:50	0.32	15:55	0.73	0.50	23:20	0.64	20:05	2.89	1.26	06:50	0.003	15:55	0.031	0.011	0.011	
5/11/2016	04:25	0.28	19:00	0.72	0.46	01:40	0.47	09:25	2.13	1.19	04:25	0.002	18:55	0.028	0.010	0.010	
5/12/2016	23:50	0.29	08:20	0.78	0.50	23:50	0.56	11:35	2.30	1.29	23:50	0.002	15:35	0.028	0.011	0.011	
5/13/2016	23:30	0.28	10:00	0.79	0.48	23:55	0.37	14:55	2.31	1.27	23:55	0.001	14:55	0.032	0.011	0.011	
5/14/2016	22:50	0.26	14:45	0.99	0.50	00:00	0.37	14:15	2.37	1.31	00:00	0.001	14:45	0.052	0.013	0.013	
5/15/2016	00:00	0.27	15:00	0.98	0.53	05:40	0.52	09:35	2.37	1.35	00:00	0.002	09:35	0.051	0.014	0.014	
5/16/2016	06:20	0.34	17:55	0.71	0.48	00:00	0.62	19:55	2.25	1.23	00:00	0.003	13:10	0.029	0.010	0.010	
5/17/2016	02:35	0.31	20:40	0.71	0.47	08:10	0.50	10:40	2.24	1.23	08:10	0.002	10:40	0.028	0.010	0.010	
5/18/2016	05:05	0.27	09:30	0.74	0.44	04:50	0.42	09:30	2.44	1.14	04:50	0.001	09:30	0.035	0.009	0.009	
5/19/2016	23:45	0.30	08:40	0.83	0.47	23:50	0.44	08:35	2.36	1.23	23:45	0.002	19:15	0.035	0.010	0.010	
5/20/2016	06:50	0.24	13:45	0.81	0.46	05:10	0.31	17:05	2.44	1.15	05:15	0.001	17:05	0.037	0.010	0.010	
5/21/2016	04:10	0.24	17:10	0.87	0.50	05:00	0.31	12:00	2.34	1.42	05:00	0.001	16:10	0.039	0.013	0.013	
5/22/2016	06:10	0.24	13:30	1.06	0.57	01:55	0.34	13:30	2.12	1.38	01:55	0.001	13:30	0.052	0.016	0.016	
5/23/2016	07:10	0.21	10:55	0.71	0.44	06:45	0.29	13:35	1.93	1.15	07:15	0.001	11:05	0.024	0.009	0.009	
5/24/2016	02:15	0.28	14:50	0.88	0.52	20:50	0.48	13:20	2.43	1.21	02:15	0.002	13:20	0.044	0.013	0.013	
5/25/2016	14:30	0.11	02:50	1.25	0.29	19:40	0.27	02:50	3.11	1.03	19:40	0.000	02:50	0.098	0.005	0.005	
5/26/2016	01:40	0.19	16:20	0.76	0.42	01:20	0.33	18:05	2.34	1.19	01:20	0.001	18:20	0.030	0.009	0.009	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)					Rain (in)	
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	08:10	0.26	21:15	0.90	0.53	23:50	0.42	21:10	2.73	1.53	23:50	0.002	21:10	0.051	0.015	0.015	
5/28/2016	05:15	0.19	15:10	0.88	0.50	00:15	0.36	17:40	2.37	1.41	05:10	0.001	15:10	0.043	0.014	0.014	
5/29/2016	03:20	0.30	14:10	0.62	0.43	01:30	0.53	11:20	2.50	1.42	03:20	0.002	11:35	0.026	0.010	0.010	
5/30/2016	00:00	0.31	18:25	0.83	0.59	00:05	0.71	10:30	2.37	1.56	00:00	0.003	18:45	0.037	0.018	0.018	
5/31/2016	00:25	0.45	12:30	0.95	0.67	02:05	1.06	12:30	2.54	1.53	02:05	0.007	12:30	0.053	0.020	0.020	
6/1/2016	23:55	0.40	12:20	1.14	0.62	23:05	0.97	12:20	3.21	1.46	23:55	0.006	12:20	0.089	0.017	0.017	
6/2/2016	01:05	0.38	12:10	0.80	0.56	01:05	0.85	12:10	2.60	1.35	01:05	0.005	12:10	0.042	0.014	0.014	
6/3/2016	22:20	0.22	10:20	1.03	0.52	22:10	0.46	10:20	2.81	1.41	22:10	0.001	10:20	0.066	0.014	0.014	
6/4/2016	03:50	0.12	21:25	0.75	0.40	05:00	0.25	13:00	2.65	1.50	03:15	0.001	14:00	0.028	0.011	0.010	
6/5/2016	01:10	0.28	14:40	0.81	0.50	01:10	0.34	11:20	2.54	1.54	01:10	0.001	14:05	0.038	0.013	0.013	
6/6/2016	00:25	0.33	16:55	0.96	0.55	04:20	0.59	18:50	2.38	1.30	04:20	0.003	18:50	0.039	0.014	0.014	
6/7/2016	08:20	0.40	16:25	0.79	0.60	08:20	0.89	18:50	2.48	1.53	08:20	0.005	18:50	0.034	0.017	0.017	
6/8/2016	07:50	0.35	16:40	0.80	0.55	00:35	0.95	13:00	2.31	1.47	07:15	0.005	16:40	0.030	0.014	0.014	
6/9/2016	22:10	0.23	18:50	1.00	0.40	00:45	0.46	18:50	3.08	1.38	00:45	0.002	18:50	0.070	0.009	0.009	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			0.770	0.51
Avg	0.51	1.33	0.013	

Site Commentary

Site Information

SF_Bound6	
Pipe Dimensions	8.00" x 8.00"
Silt Level	0.00"

Overview

Site SF_Bound6 functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. Review of the scattergraph shows swift moving velocity with shallow depth.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located upstream of location SF_Bas01. A review indicated balancing is tight (See SF_Bas01 Site Commentary For More Details).

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 20% full at its recorded peak of 1.62 inches and approximately 15% full during its recorded average depth of 1.16 inches.

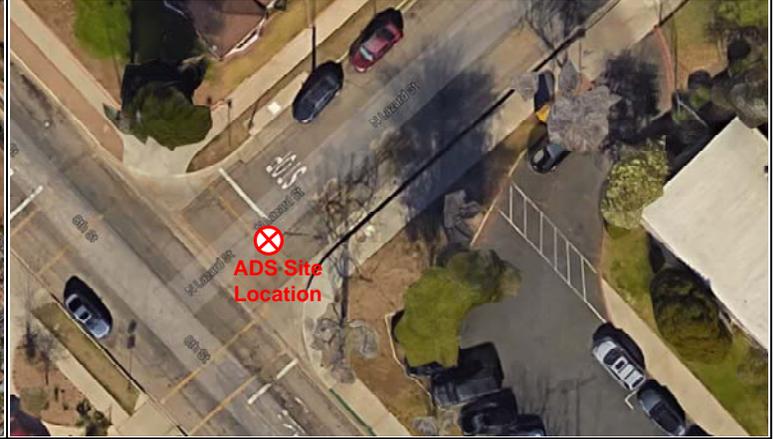
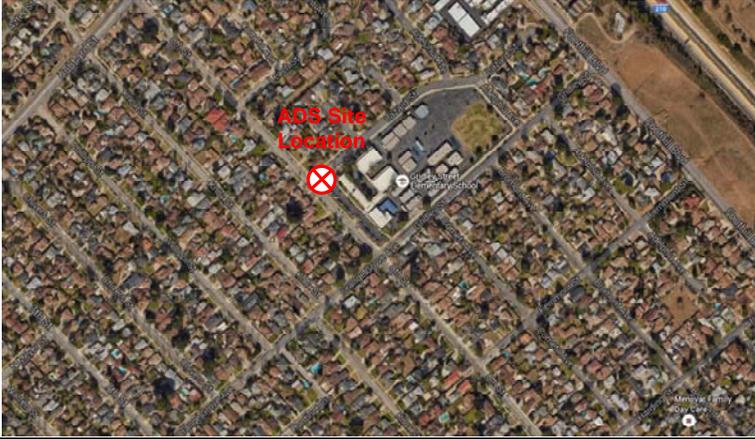
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	1.16	3.73	0.076
Minimum	0.90	0.00	0.013
Maximum	2.55	7.01	0.174
Time of Minimum	5/28/2016 5:20 AM	5/7/2016 10:30 PM	6/3/2016 2:55 AM
Time of Maximum	5/14/2016 3:25 AM	5/22/2016 8:50 PM	5/22/2016 8:15 PM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

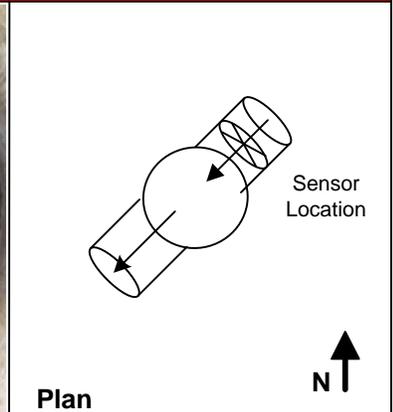
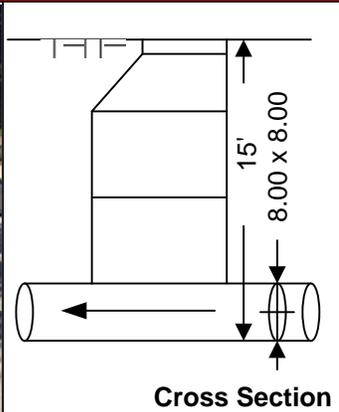
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bound6		Install Date: 4/6/16		Monitor Type		Peak Doppler	
Address/Location: 8 th & Lazard (Located S. on Lazard)				Monitor Model		Triton	
				Data Acquisition		Manual/Wireless Collect	
				Manhole ID			
Access: Drive	Type of System:	Sanitary <input checked="" type="checkbox"/>	Storm <input type="checkbox"/>	Combined <input type="checkbox"/>	Pipe Height:		8.00 "
					Pipe Width:		8.00 "



Investigation Information: Manhole Information:

Date/Time of Investigation:		4/1/16 @ 1000		Manhole Depth:		15'		
Site Hydraulics:		Low, good straight through flow		Manhole Material / Condition		Precast/OK		
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition: VCP/Good				
Upstream Manhole:		Not investigated		Land Use:	Residential <input checked="" type="checkbox"/>	Commercial <input type="checkbox"/>	Industrial <input type="checkbox"/>	Trunk <input type="checkbox"/>
Downstream Manhole:		Not investigated		Oxygen: 20.9	H2S: 0	LEL: 0	CO: 0	
Depth of Flow:	1.25 " +/- 0.13"		Safety Notes: 2 man crew required and one blower is to be operated at all times.					
Range (Air DOF):	+/-							
Peak Velocity:	4.60 fps							
Silt:	0.00 Inches							

Other Information:



Installation Information		Backup	Yes	No	?	Distance
Installation Type:	Standard	Trunk	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sensors Devices:	Ultrasonic/Pressure/Velocity	Lift / Pump Station	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Surcharge Height:	0	WWTP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Rain Gauge Zone:		Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

SF_Bound6

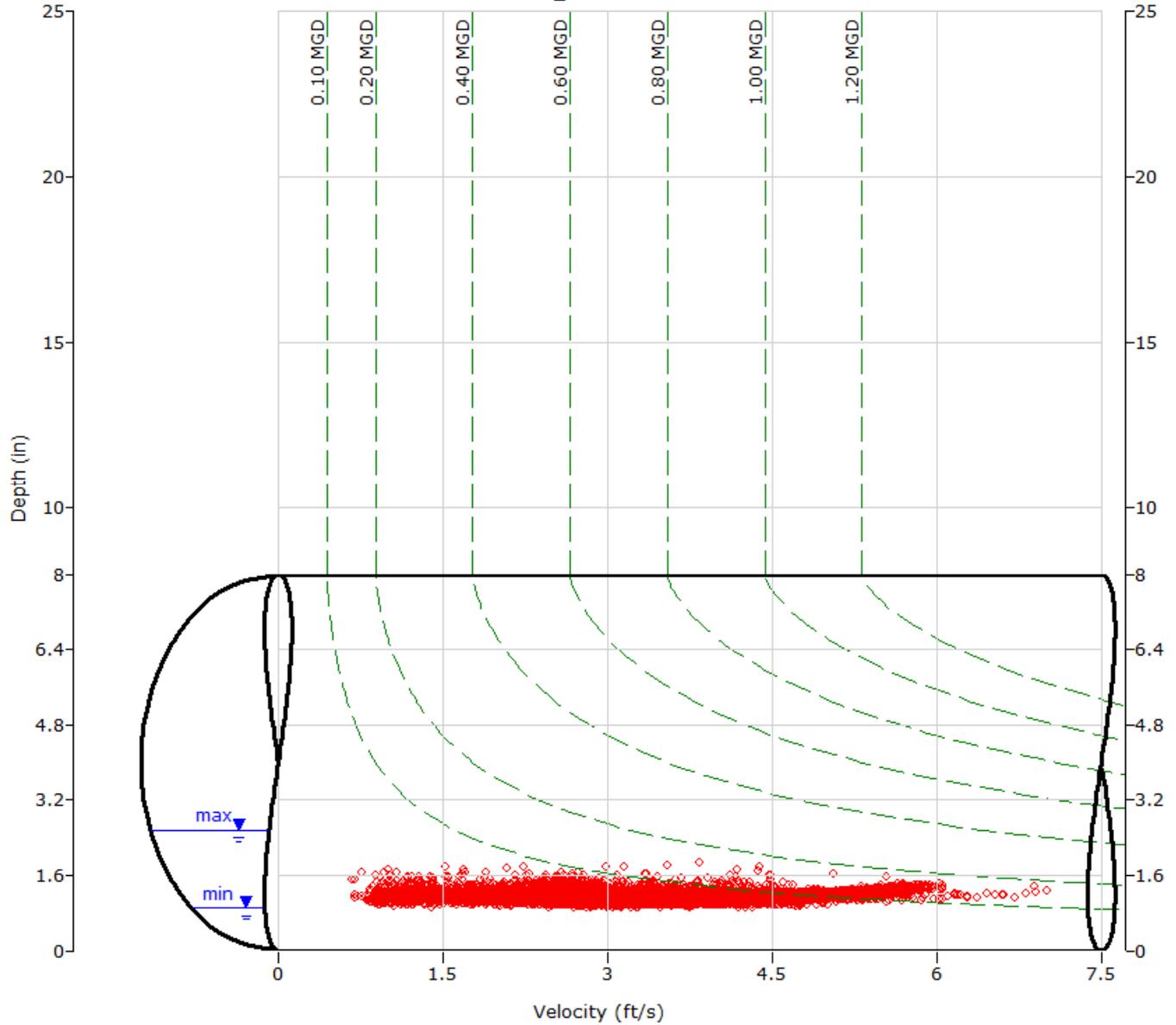
Flow Monitor
SF_Bound6

Pipe Height
8.00 in

Report Period
4/11/2016
To
6/9/2016

Legend

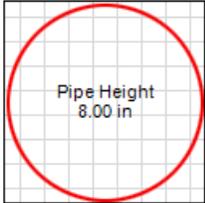
- Depth - Velocity
- - - Iso-Q™
- - - Silt
- ▼ Min-Max Depth



HYDROGRAPH REPORT

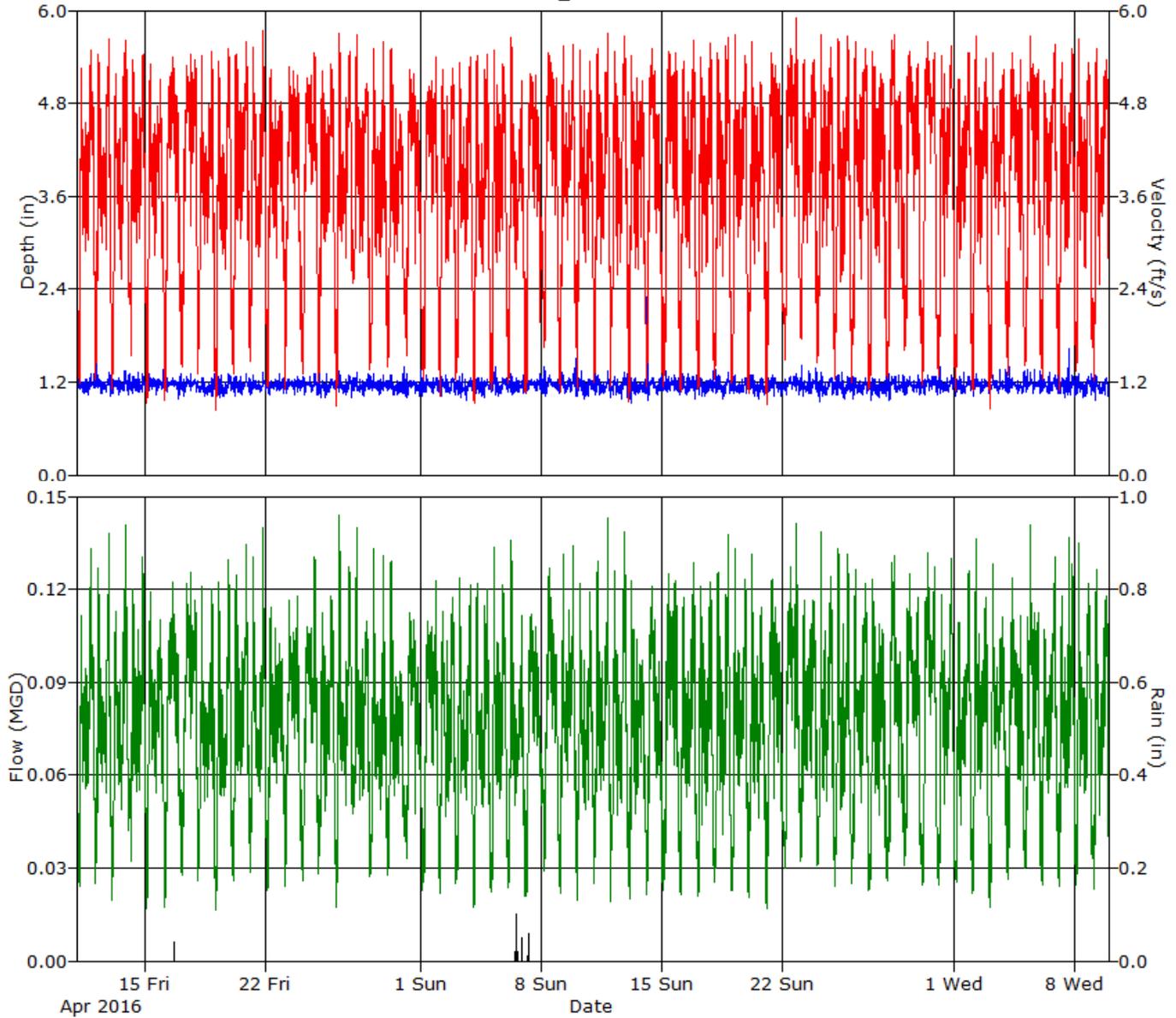
SF_Bound6

Flow Monitor
SF_Bound6



Report Period
4/11/2016
To
6/9/2016

- Legend
- Depth
 - Velocity
 - Quantity
 - Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bound6, Pipe Height: 8 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)					Rain (in)	
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	08:10	0.98	23:30	1.45	1.16	04:05	1.17	20:10	5.82	3.64	04:10	0.022	20:10	0.151	0.074	0.074	
4/12/2016	05:05	0.94	04:05	1.78	1.18	01:35	1.13	17:15	6.11	3.69	01:35	0.020	20:45	0.139	0.076	0.076	
4/13/2016	01:45	0.96	19:40	1.52	1.16	02:10	1.05	17:45	6.60	3.73	02:10	0.018	20:55	0.151	0.076	0.076	
4/14/2016	00:10	0.99	11:20	1.52	1.17	04:10	1.16	14:15	5.86	3.81	03:55	0.022	14:15	0.154	0.078	0.078	
4/15/2016	03:05	0.97	02:05	1.48	1.16	03:15	0.86	13:45	5.42	3.62	03:05	0.014	20:55	0.123	0.074	0.074	
4/16/2016	22:20	0.96	01:25	1.57	1.17	02:25	0.83	15:25	5.87	3.88	02:25	0.015	15:25	0.149	0.080	0.080	0.04
4/17/2016	00:25	0.97	06:25	1.37	1.17	04:05	1.23	14:10	5.96	3.93	04:05	0.025	14:10	0.143	0.081	0.081	
4/18/2016	11:30	0.95	16:35	1.43	1.14	01:30	1.19	20:35	5.64	3.69	01:30	0.023	20:45	0.126	0.073	0.073	
4/19/2016	08:45	0.97	02:55	1.59	1.15	02:30	0.82	21:45	5.87	3.54	02:30	0.014	20:00	0.153	0.071	0.071	
4/20/2016	11:25	0.96	04:25	1.39	1.16	00:40	1.00	22:35	6.17	3.83	00:40	0.019	06:30	0.135	0.078	0.078	
4/21/2016	02:55	0.98	14:30	1.34	1.16	01:00	0.99	10:25	6.05	3.78	03:25	0.026	20:30	0.147	0.077	0.077	
4/22/2016	23:40	0.96	19:55	1.53	1.16	01:45	0.77	14:15	5.74	3.69	01:45	0.015	14:15	0.138	0.074	0.074	
4/23/2016	17:00	0.94	20:00	1.46	1.16	03:15	1.05	19:35	6.05	3.85	05:05	0.022	19:35	0.159	0.079	0.079	
4/24/2016	06:35	0.98	04:35	1.49	1.17	04:25	1.09	14:45	6.54	3.82	03:15	0.022	20:35	0.147	0.079	0.079	
4/25/2016	00:10	0.97	02:15	1.58	1.17	01:35	1.10	18:30	5.50	3.70	01:25	0.021	19:30	0.126	0.075	0.075	
4/26/2016	15:05	0.98	06:00	1.63	1.16	03:00	0.89	20:45	5.89	3.65	03:00	0.014	06:40	0.173	0.075	0.075	
4/27/2016	00:15	0.95	02:55	1.50	1.16	01:30	2.29	16:35	6.37	3.84	01:45	0.042	06:30	0.141	0.078	0.078	
4/28/2016	00:30	0.96	14:10	1.48	1.17	01:55	1.18	20:15	5.78	3.63	01:55	0.023	20:15	0.138	0.074	0.074	
4/29/2016	16:35	0.91	16:25	1.53	1.15	00:50	1.28	06:50	5.54	3.56	01:35	0.025	06:50	0.131	0.071	0.071	
4/30/2016	02:45	0.95	01:05	1.44	1.16	03:25	1.21	15:15	6.21	3.79	03:25	0.024	15:15	0.129	0.076	0.076	
5/1/2016	17:00	0.92	00:10	1.54	1.17	04:35	0.93	21:40	5.97	3.72	05:00	0.018	21:40	0.150	0.077	0.077	
5/2/2016	13:20	0.97	04:10	1.72	1.16	02:35	0.94	18:45	5.92	3.59	02:35	0.020	18:45	0.150	0.072	0.072	
5/3/2016	15:35	0.91	14:15	1.50	1.14	01:35	1.10	21:15	5.60	3.55	01:35	0.022	21:15	0.135	0.070	0.070	
5/4/2016	01:35	0.95	04:00	1.61	1.15	01:30	0.85	18:10	5.61	3.50	03:10	0.016	18:10	0.132	0.071	0.071	
5/5/2016	03:40	0.98	05:00	1.48	1.17	01:55	0.71	12:00	6.91	3.51	01:55	0.013	12:00	0.151	0.072	0.072	
5/6/2016	23:20	0.95	23:45	1.47	1.14	03:30	1.17	09:35	5.77	3.46	03:15	0.023	06:45	0.139	0.069	0.069	0.34
5/7/2016	23:45	0.97	23:40	1.56	1.16	22:30	0.00	11:15	5.74	3.66	02:45	0.016	11:15	0.138	0.075	0.075	0.13
5/8/2016	00:55	0.97	04:05	1.66	1.17	04:40	1.08	13:10	5.79	3.92	04:40	0.019	13:10	0.144	0.081	0.081	
5/9/2016	01:20	0.97	05:05	1.66	1.17	02:20	1.03	15:50	5.91	3.74	02:20	0.020	15:50	0.149	0.077	0.077	
5/10/2016	12:35	0.91	00:15	1.75	1.14	03:10	0.97	18:00	5.73	3.62	01:45	0.017	18:00	0.129	0.072	0.072	
5/11/2016	13:00	0.95	03:25	1.52	1.15	01:55	1.14	21:00	5.90	3.67	01:25	0.022	21:35	0.150	0.074	0.074	
5/12/2016	04:30	0.95	05:00	1.43	1.14	01:40	1.02	18:20	5.95	3.77	01:40	0.017	21:15	0.150	0.076	0.076	
5/13/2016	05:15	0.91	03:05	1.66	1.14	03:10	0.76	22:30	5.90	3.63	03:15	0.015	09:30	0.139	0.072	0.072	
5/14/2016	03:00	0.91	03:25	2.55	1.17	02:40	0.98	12:05	6.17	3.71	03:45	0.019	11:50	0.137	0.075	0.075	
5/15/2016	07:05	0.96	00:55	1.61	1.17	01:45	1.09	09:10	5.85	3.74	01:45	0.021	09:10	0.149	0.077	0.077	
5/16/2016	10:10	0.95	08:25	1.60	1.16	02:45	1.00	13:55	6.72	3.64	02:45	0.020	16:55	0.144	0.074	0.074	
5/17/2016	05:35	0.96	04:30	1.56	1.16	00:40	0.95	22:20	6.19	3.66	03:00	0.020	19:55	0.147	0.074	0.074	
5/18/2016	14:30	0.91	04:00	1.53	1.16	01:55	0.87	17:20	6.61	3.72	01:55	0.017	21:20	0.162	0.075	0.075	
5/19/2016	23:50	0.97	06:00	1.61	1.14	03:20	0.94	13:00	6.81	3.70	03:20	0.020	13:00	0.145	0.074	0.074	
5/20/2016	10:45	0.91	08:35	1.52	1.14	02:35	1.00	17:00	5.73	3.66	02:35	0.018	19:30	0.135	0.073	0.073	
5/21/2016	06:05	0.96	05:55	1.52	1.15	01:50	0.86	17:00	5.77	3.81	01:45	0.015	11:20	0.139	0.078	0.078	
5/22/2016	00:10	0.97	18:55	1.48	1.18	04:55	1.18	20:50	7.01	4.01	04:55	0.026	20:15	0.174	0.084	0.084	
5/23/2016	16:50	0.97	16:05	1.60	1.16	02:45	1.63	09:50	5.98	3.86	02:40	0.032	16:05	0.144	0.079	0.079	
5/24/2016	09:00	0.94	00:40	1.54	1.14	03:15	1.05	21:45	5.82	3.83	03:20	0.021	07:25	0.140	0.076	0.076	
5/25/2016	04:20	0.96	12:40	1.49	1.14	02:20	1.06	20:25	6.03	3.64	02:20	0.020	20:25	0.142	0.073	0.073	
5/26/2016	03:40	0.92	01:45	1.43	1.14	01:20	1.19	20:55	5.76	3.85	01:25	0.024	20:55	0.132	0.076	0.076	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	05:25	0.91	23:45	1.40	1.14	04:05	0.88	10:25	6.46	3.67	04:05	0.018	10:25	0.138	0.073	0.073	
5/28/2016	05:20	0.90	03:00	1.55	1.15	02:55	0.70	12:35	6.06	3.80	02:55	0.015	12:35	0.146	0.076	0.076	
5/29/2016	06:45	0.97	07:10	1.48	1.16	03:20	1.36	09:40	6.03	3.91	03:20	0.026	21:30	0.137	0.079	0.079	
5/30/2016	01:00	0.96	07:55	1.70	1.16	04:00	1.04	11:40	5.94	3.94	04:00	0.021	11:40	0.154	0.081	0.081	
5/31/2016	09:55	0.98	04:25	1.46	1.16	03:05	1.08	21:05	5.85	3.83	03:05	0.021	21:05	0.141	0.077	0.077	
6/1/2016	10:50	0.97	09:00	1.46	1.15	01:55	1.06	17:05	5.78	3.61	03:55	0.020	17:05	0.137	0.073	0.073	
6/2/2016	13:30	0.96	15:25	1.44	1.16	02:40	0.93	18:30	5.76	3.70	02:45	0.019	18:30	0.139	0.076	0.076	
6/3/2016	15:10	0.97	16:15	1.78	1.16	03:15	0.68	09:10	5.54	3.69	02:55	0.013	06:50	0.132	0.074	0.074	
6/4/2016	18:25	0.98	05:20	1.79	1.16	03:35	1.21	10:10	5.78	3.82	01:55	0.025	10:10	0.147	0.077	0.077	
6/5/2016	00:30	0.98	16:10	1.76	1.18	02:30	1.35	11:35	5.90	3.88	02:55	0.027	16:10	0.162	0.081	0.081	
6/6/2016	12:15	0.96	00:45	1.65	1.17	02:15	0.89	15:30	5.65	3.79	02:20	0.016	20:45	0.133	0.078	0.078	
6/7/2016	09:50	0.91	16:35	1.86	1.17	02:45	0.99	17:25	5.62	3.79	02:45	0.020	16:35	0.153	0.077	0.077	
6/8/2016	12:40	0.91	04:55	1.56	1.15	03:40	1.33	20:45	5.68	3.79	02:55	0.024	20:45	0.139	0.076	0.076	
6/9/2016	05:05	0.91	01:45	1.40	1.14	03:25	1.03	18:05	5.76	3.75	03:25	0.020	06:25	0.130	0.075	0.075	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			4.536	0.51
Avg	1.16	3.73	0.076	

Site Commentary

Site Information

SF_Bound817	
Pipe Dimensions	7.00" x 8.00"
Silt Level	0.00"

Overview

Site SF_Bound817 functioned under normal conditions during the period Monday, April 11, 2016 to Thursday, June 09, 2016 . No surcharge conditions were experienced at this location. Review of the scattergraph shows that flows remained free flowing throughout the data period.

Flow depth and velocity measurements recorded by the flow monitor are consistent with field confirmations conducted to date and support the relative accuracy of the flow monitor at this location.

This line is located upstream of location SF_Bas4A. A review of balancing indicated no problems (See SF_Bas4A Site Commentary For More Details).

Observations

Average flow depth, velocity, and quantity data observed during Monday, April 11, 2016 to Thursday, June 09, 2016 , along with observed minimum and maximum data, are provided in the following table. The values presented are based on 5-minute data. In regards to depth, this site flows at 27% full at its recorded peak of 1.87 inches and approximately 16% full during its recorded average depth of 1.14 inches.

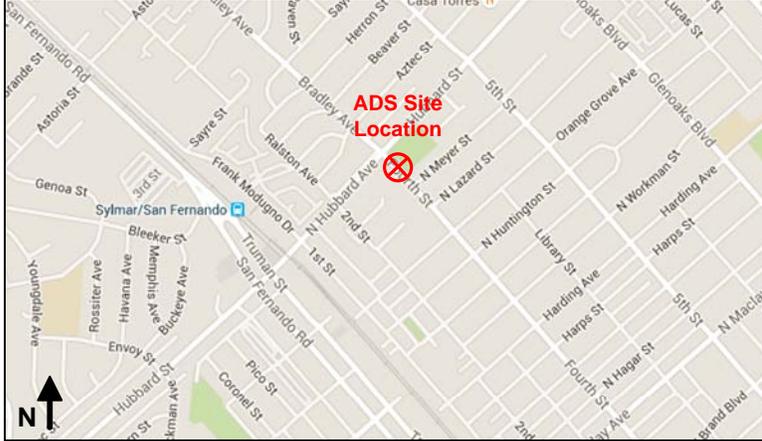
Observed Flow Conditions			
Item	Depth (in)	Velocity (ft/s)	Quantity (MGD)
Average	1.14	1.04	0.023
Minimum	0.66	0.26	0.003
Maximum	2.72	2.42	0.109
Time of Minimum	5/31/2016 5:05 AM	5/5/2016 3:35 AM	5/5/2016 3:35 AM
Time of Maximum	4/29/2016 7:40 PM	4/25/2016 1:30 PM	4/25/2016 1:30 PM

Data Quality

Data uptime observed during the Monday, April 11, 2016 to the Thursday, June 09, 2016 monitoring period is provided in the table below. Based upon the quality and consistency of the observed flow depth and velocity data, the Continuity equation was used to calculate flow rate and quantities during the monitoring period.

Percent Uptime	
Depth (in)	100
Velocity (ft/s)	100
Quantity (MGD)	100

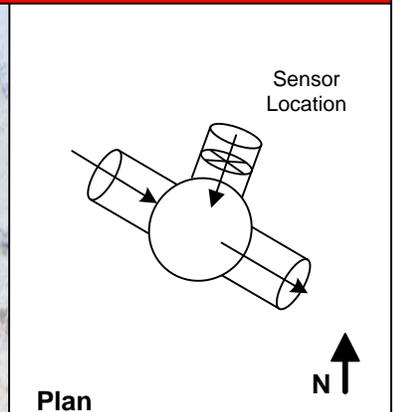
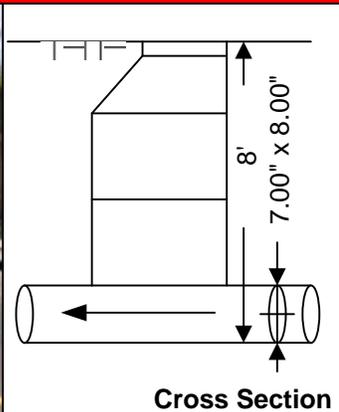
Project Name: San Fernando TFM 2016		City: San Fernando		Agency: San Fernando		FM Initials: SK	
Site Name: SF_Bound817		Install Date: 03/30/16		Monitor Type		Peak Doppler	
Address/Location: 2024 Fourth St				Monitor Model		Triton	
				Data Acquisition		Manual/Wireless Collect	
				Manhole ID			
Access: Drive	Type of System:	Sanitary <input type="checkbox"/>	Storm <input type="checkbox"/>	Combined <input type="checkbox"/>	Pipe Height:		7.00 "
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pipe Width:		8.00 "



Investigation Information: Manhole Information:

Date/Time of Investigation:		03/30/16 13:10		Manhole Depth:		8'	
Site Hydraulics:		Low/Slow straight through flow		Manhole Material / Condition		Precast/Good	
Upstream Input: (L/S, P/S)		--		Pipe Material / Condition:		VCP/Good	
Upstream Manhole:		Not investigated		Land Use:		Residential <input type="checkbox"/>	Commercial <input type="checkbox"/>
Downstream Manhole:		Not investigated		Industrial <input type="checkbox"/>		Trunk <input type="checkbox"/>	
Depth of Flow:	1.00	+/-	0.25	Oxygen: 20.9			
Range (Air DOF):	+/-			H2S: 0			
Peak Velocity:	1.50	fps		LEL: 0			
Silt:	0.00	Inches		CO: 0			
Safety Notes:							
2 man crew required; No special requirements							

Other Information:



Installation Information		Backup		Yes	No	?	Distance
Installation Type:	Standard	Trunk			x		
Sensors Devices:	Ultrasonic/Pressure/Velocit	Lift / Pump Station			x		
Surcharge Height:	0	WWTP			x		
Rain Gauge Zone:		Other			x		

Additional Site Information / Comments:

Standard Traffic Control with No Safety Concerns

SCATTERGRAPH REPORT

SF_Bound817

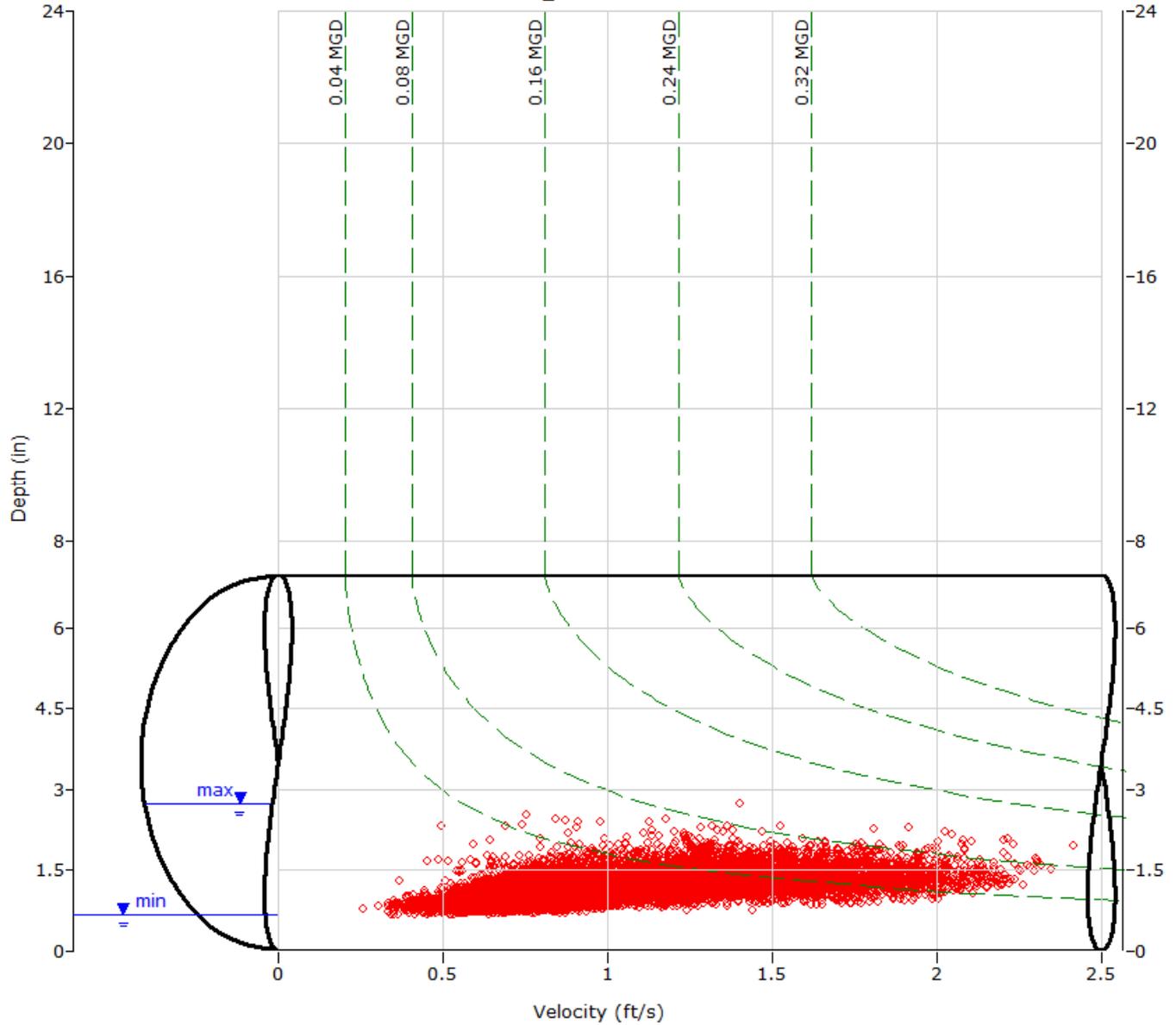
Flow Monitor
SF_Bound817

Pipe Height
7.00 in

Report Period
4/11/2016
To
6/9/2016

Legend

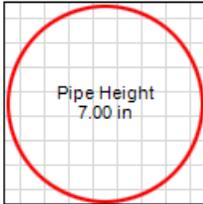
- Depth - Velocity
- - - Iso-Q™
- - - Silt
- ▼ Min-Max Depth



HYDROGRAPH REPORT

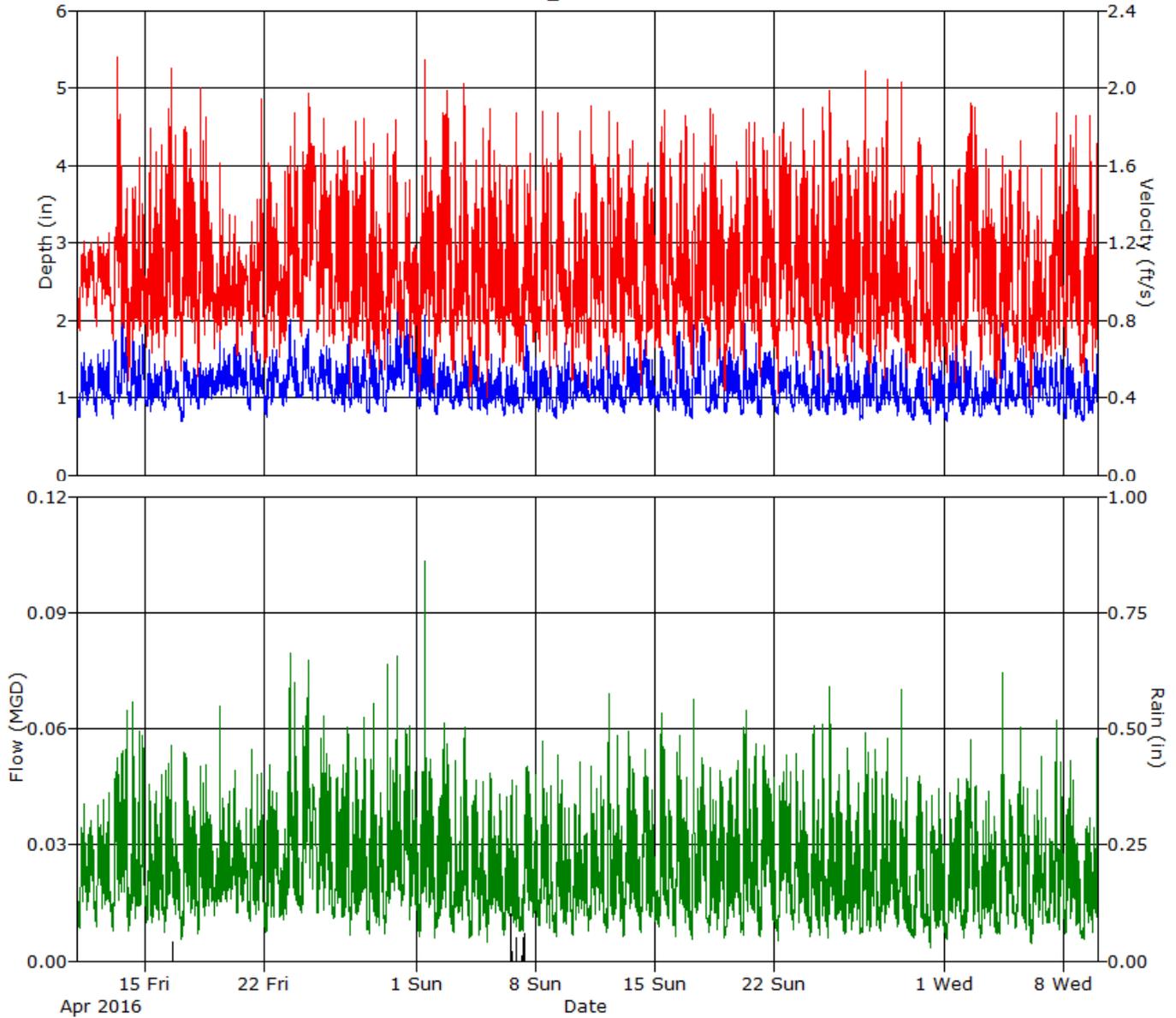
SF_Bound817

Flow Monitor
SF_Bound817



Report Period
4/11/2016
To
6/9/2016

- Legend
- Depth
 - Velocity
 - Quantity
 - Rain





Daily Tabular Report For The Period 4/11/2016 - 6/9/2016

SF_Bound817, Pipe Height: 7 in

Daily Tabular Report

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
4/11/2016	04:20	0.71	06:45	1.90	1.09	04:20	0.72	17:55	1.29	0.99	04:20	0.007	06:45	0.054	0.020	0.020	
4/12/2016	04:35	0.76	14:10	1.97	1.15	04:35	0.76	17:40	1.30	1.02	04:35	0.009	14:10	0.057	0.023	0.023	
4/13/2016	03:45	0.72	17:20	2.45	1.29	14:15	0.68	09:00	2.19	1.13	03:45	0.007	22:35	0.087	0.030	0.030	
4/14/2016	11:20	0.82	22:55	2.26	1.23	02:30	0.41	10:45	1.99	0.95	02:30	0.006	22:55	0.100	0.024	0.024	
4/15/2016	08:05	0.71	06:55	1.78	1.11	03:30	0.47	07:00	2.19	1.03	03:30	0.007	17:05	0.071	0.022	0.022	
4/16/2016	02:00	0.83	12:10	1.84	1.10	04:05	0.53	06:50	2.31	1.16	04:05	0.007	06:50	0.080	0.024	0.024	0.04
4/17/2016	04:05	0.67	14:10	1.69	1.09	03:35	0.34	14:10	2.13	1.18	03:35	0.004	14:10	0.078	0.026	0.026	
4/18/2016	04:00	0.85	06:35	1.72	1.13	03:35	0.36	08:20	2.19	1.09	03:35	0.005	10:15	0.058	0.024	0.024	
4/19/2016	00:25	0.99	10:20	1.94	1.26	03:10	0.49	10:20	1.90	0.95	03:10	0.009	10:20	0.085	0.024	0.024	
4/20/2016	19:25	0.99	09:25	1.93	1.27	11:55	0.55	12:15	1.65	0.95	17:10	0.010	09:25	0.062	0.024	0.024	
4/21/2016	04:30	0.77	06:30	1.87	1.20	16:40	0.55	21:30	2.18	1.01	04:30	0.009	23:05	0.064	0.024	0.024	
4/22/2016	04:50	0.75	14:20	1.85	1.17	04:15	0.37	05:30	2.13	0.99	04:15	0.005	09:20	0.068	0.023	0.023	
4/23/2016	04:25	0.88	13:00	2.19	1.23	04:10	0.51	13:00	2.02	1.07	04:10	0.008	13:00	0.107	0.027	0.027	
4/24/2016	06:45	0.92	12:35	1.98	1.26	01:50	0.68	15:00	2.26	1.30	06:45	0.012	10:15	0.090	0.033	0.033	
4/25/2016	03:00	0.95	13:30	1.96	1.27	06:10	0.53	13:30	2.42	1.16	06:10	0.010	13:30	0.109	0.030	0.030	
4/26/2016	17:10	0.77	21:50	1.89	1.14	14:55	0.60	16:55	2.24	1.06	17:10	0.010	21:50	0.086	0.024	0.024	
4/27/2016	02:20	0.86	00:05	1.82	1.18	02:15	0.41	10:15	2.12	1.03	02:15	0.006	22:45	0.068	0.024	0.024	
4/28/2016	05:05	0.78	10:35	2.12	1.18	18:25	0.50	06:35	1.94	0.96	05:05	0.006	20:35	0.085	0.023	0.023	
4/29/2016	03:25	0.80	19:40	2.72	1.26	02:25	0.51	15:00	2.25	1.05	03:25	0.007	06:50	0.106	0.027	0.027	
4/30/2016	14:45	0.96	10:15	2.13	1.42	14:55	0.52	13:05	1.81	0.99	14:55	0.009	13:05	0.074	0.030	0.030	
5/1/2016	04:05	0.85	10:50	2.32	1.23	03:30	0.36	11:15	2.22	1.06	03:30	0.005	11:15	0.108	0.027	0.027	
5/2/2016	05:10	0.77	19:25	1.70	1.12	02:05	0.45	13:20	2.15	1.16	02:00	0.006	19:25	0.074	0.026	0.026	
5/3/2016	05:05	0.83	19:20	1.82	1.12	03:15	0.41	19:10	2.28	1.01	03:15	0.006	19:20	0.090	0.022	0.022	
5/4/2016	05:10	0.78	10:05	2.12	1.10	01:35	0.39	21:00	2.25	0.99	01:35	0.006	21:00	0.069	0.021	0.021	
5/5/2016	03:40	0.77	09:15	1.70	1.08	03:35	0.26	06:40	2.09	1.03	03:35	0.003	22:00	0.062	0.021	0.021	
5/6/2016	02:40	0.75	07:20	1.65	1.02	21:20	0.47	20:25	2.12	1.01	03:30	0.006	13:55	0.061	0.019	0.019	0.34
5/7/2016	04:15	0.80	10:05	2.22	1.14	01:05	0.44	23:40	2.30	0.95	02:05	0.006	23:40	0.086	0.022	0.022	0.13
5/8/2016	23:20	0.79	00:30	1.84	1.08	18:45	0.41	09:15	2.09	1.04	03:30	0.006	09:15	0.077	0.022	0.022	
5/9/2016	00:35	0.74	17:15	2.39	1.09	04:40	0.48	09:45	2.08	1.03	04:40	0.005	17:15	0.067	0.022	0.022	
5/10/2016	04:50	0.84	07:50	1.57	1.14	04:45	0.36	23:15	1.92	0.97	04:45	0.005	07:50	0.057	0.021	0.021	
5/11/2016	15:00	0.90	19:10	2.21	1.15	01:45	0.39	07:55	2.30	1.08	01:35	0.007	19:10	0.079	0.024	0.024	
5/12/2016	04:50	0.80	07:00	2.04	1.12	04:20	0.40	18:50	2.22	1.09	04:20	0.005	07:00	0.101	0.024	0.024	
5/13/2016	04:15	0.80	09:50	1.93	1.15	03:20	0.40	07:40	2.11	1.06	03:20	0.005	10:05	0.084	0.024	0.024	
5/14/2016	02:45	0.88	09:55	2.04	1.18	03:55	0.41	07:35	1.84	1.00	03:55	0.006	19:15	0.073	0.024	0.024	
5/15/2016	05:40	0.81	20:05	1.86	1.11	13:40	0.55	08:50	2.08	1.05	05:40	0.008	08:50	0.088	0.023	0.023	
5/16/2016	19:45	0.75	10:55	2.29	1.18	04:20	0.42	20:00	2.15	1.06	04:20	0.006	10:55	0.108	0.025	0.025	
5/17/2016	04:00	0.71	22:00	2.52	1.24	04:00	0.45	23:05	2.21	1.01	04:00	0.005	06:55	0.076	0.026	0.026	
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5/19/2016	03:55	0.79	09:15	2.06	1.18	03:40	0.31	20:10	2.04	0.98	03:40	0.004	20:10	0.079	0.024	0.024	
5/20/2016	03:20	0.76	05:45	2.19	1.14	20:35	0.44	08:50	2.23	1.09	04:45	0.006	08:50	0.102	0.025	0.025	
5/21/2016	05:00	0.74	23:15	2.45	1.20	02:45	0.47	10:35	2.09	1.08	02:45	0.006	23:15	0.072	0.027	0.027	
5/22/2016	05:25	0.79	17:50	1.74	1.12	05:20	0.41	14:25	2.32	1.13	05:20	0.005	14:25	0.078	0.025	0.025	
5/23/2016	03:10	0.82	09:25	1.80	1.09	03:15	0.56	16:50	2.02	1.10	03:15	0.007	09:25	0.071	0.023	0.023	
5/24/2016	03:45	0.77	18:40	2.12	1.12	15:50	0.35	08:50	2.08	0.98	15:50	0.005	08:50	0.094	0.022	0.022	
5/25/2016	03:45	0.77	18:55	1.82	1.06	14:45	0.40	19:30	2.06	1.10	03:40	0.005	18:55	0.079	0.023	0.023	
5/26/2016	02:45	0.77	17:50	2.31	1.04	04:00	0.48	20:35	2.17	1.03	02:45	0.006	20:35	0.076	0.021	0.021	

Date	Depth (in)					Velocity (ft/s)					Quantity (MGD - Total MG)						Rain (in)
	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Time	Min	Time	Max	Avg	Total	Total
5/27/2016	01:30	0.71	21:55	1.87	1.09	15:35	0.45	08:15	2.31	1.04	01:30	0.006	08:15	0.085	0.023	0.023	
5/28/2016	01:35	0.79	23:00	1.90	1.10	12:15	0.45	15:40	2.28	1.04	05:40	0.006	15:40	0.076	0.022	0.022	
5/29/2016	21:20	0.77	12:00	1.96	1.06	23:25	0.45	12:55	2.20	0.95	23:25	0.006	12:00	0.083	0.019	0.019	
5/30/2016	04:45	0.71	22:35	1.83	0.97	19:00	0.44	11:30	2.10	0.97	04:45	0.006	22:35	0.064	0.018	0.018	
5/31/2016	05:05	0.66	17:20	1.73	1.01	05:10	0.35	17:20	2.01	0.92	05:10	0.003	17:20	0.077	0.018	0.018	
6/1/2016	03:40	0.68	17:20	2.11	1.09	15:45	0.37	21:05	2.25	0.92	03:30	0.005	21:05	0.070	0.020	0.020	
6/2/2016	17:10	0.76	06:10	1.63	1.05	03:45	0.39	14:10	2.26	1.22	03:45	0.005	12:45	0.058	0.024	0.024	
6/3/2016	02:20	0.73	14:15	1.58	1.03	04:30	0.46	10:30	2.03	1.00	04:30	0.005	14:15	0.064	0.019	0.019	
6/4/2016	04:05	0.77	10:20	2.00	1.11	05:45	0.34	14:20	2.15	0.96	05:45	0.004	10:20	0.077	0.021	0.021	
6/5/2016	19:55	0.78	15:35	2.01	1.14	04:15	0.50	21:40	2.17	1.01	19:40	0.007	12:10	0.074	0.023	0.023	
6/6/2016	03:45	0.73	16:35	1.72	1.13	01:20	0.39	13:25	1.79	0.86	03:40	0.004	16:35	0.065	0.019	0.019	
6/7/2016	18:15	0.77	23:40	1.85	1.11	04:00	0.46	13:35	2.24	0.99	04:00	0.007	13:35	0.077	0.021	0.021	
6/8/2016	03:15	0.72	06:15	2.00	1.01	03:10	0.55	17:30	2.00	1.05	03:10	0.006	12:30	0.072	0.020	0.020	
6/9/2016	04:00	0.69	23:25	1.86	1.03	00:50	0.42	11:50	2.35	0.96	04:35	0.005	23:25	0.083	0.019	0.019	

Report Summary For The Period 4/11/2016 - 6/9/2016

	Depth (in)	Velocity (ft/s)	Quantity (MGD - Total MG)	Rain (in)
Total			1.394	0.51
Avg	1.14	1.04	0.023	

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AGENDA REPORT

To: Mayor Robert C. Gonzales and Councilmembers

From: Brian Saeki, City Manager
By: Chris Marcarello, Deputy City Manager/Public Works Director
Anthony Vairo, Police Chief
Fred Ramirez, Community Development Director

Date: September 19, 2016

Subject: Consideration of Voluntary Parking Permit Districts in Residential Neighborhood Zones

RECOMMENDATION:

It is recommended that the City Council:

- a. Review survey information collected regarding voluntary residential permit parking districts;
- b. Take public input regarding residential parking conditions; and
- c. Provide further direction to staff.

BACKGROUND:

In response to resident inquiries, Councilmember Ballin requested that information be compiled regarding the process that other communities use to establish voluntary parking permit districts.

Developing a voluntary program would provide residents with the ability to create a district, subject to guidelines established by the City Council. Parking districts require additional parking enforcement, and as such, are typically accompanied by a fee to offset related costs. Information has been compiled for the City Council's consideration, including: survey information for other communities, a summary of City parking permit regulations and existing permit parking zones, proposed program categories for a residential program, and City parking enforcement activities.

Consideration of Voluntary Parking Permit Districts in Residential Neighborhood Zones

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ANALYSIS:

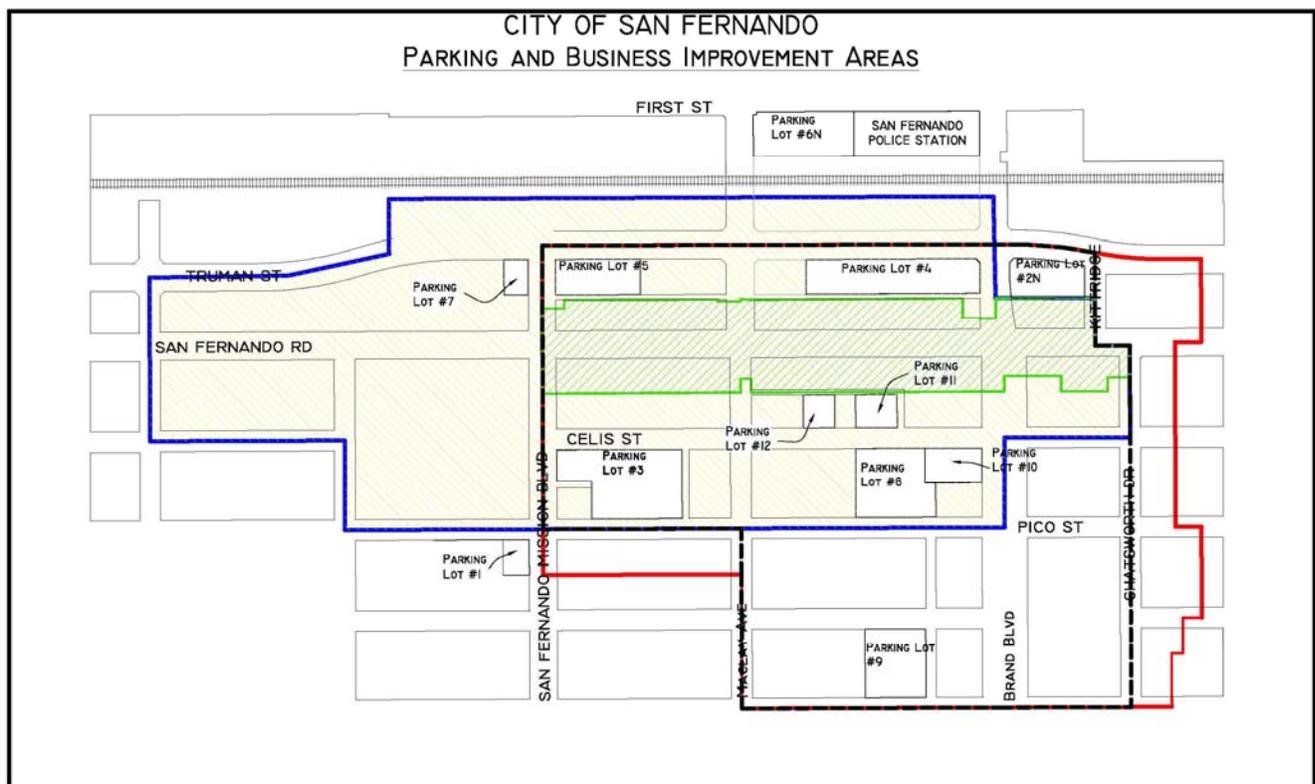
The City has two (2) residential areas where parking restrictions exist to reduce the possible impacts from adjacent commercial or other land uses (i.e. spillover effects of employee and commercial parking). Parking restrictions provide for a limited parking period to conduct business and help prevent all-day on-street parking. Parking permit districts are often used by communities to allow for longer-duration parking for residents residing within the district.

Existing Business Zones Permit Parking

The City has one parking district (Parking District No. 1 of the City of San Fernando) established in 1959 (City Council Ordinance Nos. 766 and 770) for the purpose of funding the development of City parking facilities within the City’s downtown central business district. These assessment areas (see below and Attachment “A”) allow the downtown businesses to operate without providing off-street parking on each individual property and in-lieu of a payment for having less than the required on-site parking (i.e., a parking in lieu fee).

The Police Department’s Parking Enforcement Division enforces all applicable parking regulations for the off-street parking in the City parking lots and the on-street parking meters/spaces within this district. Parking enforcement activity within the City parking district occurs six days per week, approximately four hours per day, for an aggregate amount of 24 hours enforcement time per week.

Parking District No. 1 of the City of San Fernando



Consideration of Voluntary Parking Permit Districts in Residential Neighborhood Zones

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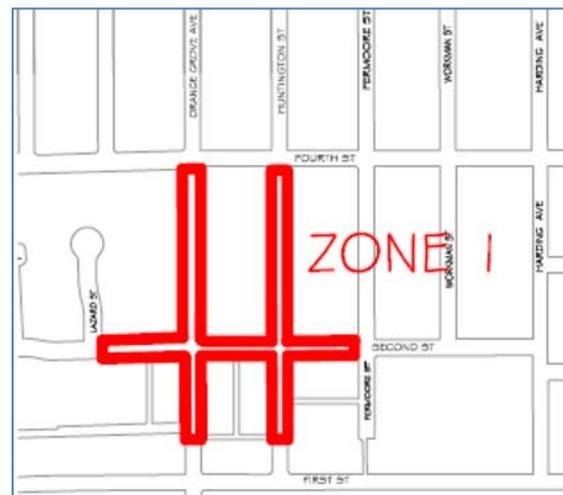
Existing Residential Zones Permit Parking

The City has an existing Parking Permit Program established by the City on April 15, 1991, pursuant to City Council Ordinance No. 1379 (Attachment "B"). The Parking Permit Program was established by the City Council in order to facilitate the creation of parking permit districts within the City's residential zones. This Parking Permit Program provides for parking permits to residents living within the designated parking district area (including three (3) parking permits per dwelling and up to four (4) guest parking permits). The process of establishing a parking district pursuant to the Parking Permit Program requires initial review of a proposed district by the Transportation and Safety Commission. The Commission then makes a recommendation in favor or against establishing the requested parking district, which is then forwarded to the City Council for final review and approval. The City has not historically charged a permit fee for the parking district and has absorbed related costs (i.e., producing permits, issuing permits, verifying eligibility, et cetera).

Currently, there are two (2) parking districts established pursuant to the City's Parking Permit Program. The existing parking districts are located in the following areas:

- Zone 1

389 permits were issued in 2016 in this area. This zone includes Huntington Street, Orange Grove Avenue (from First Street to Fourth Street) and Second Street (from Fermoore Street to Lazard Street).



- Zone 2

263 permits were issued in 2016 for this area. This zone includes areas adjacent to the courthouse.



Consideration of Voluntary Parking Permit Districts in Residential Neighborhood Zones

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Survey of District Parking Permits in Other Communities

In order to explore a possible update to the City's permit parking district regulations, survey information has been compiled from other communities that use similar programs, including the cities of Pasadena, West Hollywood, and Stanton (Attachment "C"). Each city's district parking permit programs are enforced daily. Based on this information, there are several relevant categories that need to be discussed, including but not limited to:

- Parking Permit District Area - Minimum Block Size

Most communities require a minimum number of blocks (e.g., five continuous blocks) in order to create a district. If a block size is too small then it is likely to push parking from one residential area and into an adjacent residential area.

The City's current regulation does not specify block sizes.

- Number of Permits Issued Per Property (Based on District Block Size Established)

Based on the block size, an assessment is taken to determine the total number of available parking spaces for a proposed district. The number of spaces is typically divided by the total number of residential properties in the district area. Permits are then issued to each property, including resident permits, guest permits, and special event permits.

The City's current regulation provides for up to three (3) permits and four (4) guest permits. This allowance exceeds available parking space in most residential neighborhoods. Based on this limitation, the current practice is to provide two (2) permits and two (2) guest permits.

- Permit Costs

Costs are established to offset additional enforcement costs associated with patrolling a parking district and any related administrative costs associated with the program. Permits are typically issued based on the calendar year and are prorated quarterly if a resident wishes to purchase them during the year.

The City does not currently collect a fee for its two (2) residential parking zones/districts.

- Threshold for Establishing a Permit District

Since parking districts are established voluntarily by a residential neighborhood, parameters must be established for a petition process and in order to establish the minimum number of properties needed to elect to create a parking district. Most communities surveyed establish a threshold of either a simple majority (>50%) or a super majority (>66%).

The City's current regulations describe that a significant number of residents must request a permit district or the Transportation and Safety Commission can look at the

Consideration of Voluntary Parking Permit Districts in Residential Neighborhood Zones

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establishment of a parking district if an area may benefit from the establishment of a parking permit district. There is currently no established majority threshold for creating a district.

- Information Required to Obtain a Permit (i.e., Driver's License, Vehicle Registration, et cetera)

In order to verify residence, most parking districts require identification and registration in order to obtain a permit in a parking district.

The City's current regulations require that participants be a resident and provide a vehicle license number. The current practice also includes verifying that the vehicle registration corresponds with the resident address.

Based on the survey information obtained, the Transportation and Safety Commission drafted proposed guidelines (Attachment "D") for the above categories.

Parking Enforcement

Currently, the Police Department has four (4) budgeted part-time (PT) parking enforcement positions that oversee parking enforcement in the community. The primary focus of these officers involves daily street sweeping and business district parking enforcement.

Resources:

Positions	Hours
4 – PT Parking Enforcement Officers	4,160 Hours

Uses:

Positions	Hours
Street Sweeping (approximately 30 hours/wk)	1,600 Hours
Business Districts (approximately 25 hours/wk)	1,300 Hours
General Parking Enforcement Activities/Traffic Control Support Services during Traffic Accidents	1,260 Hours

If the City Council decides to pursue voluntary parking districts, it is recommended that the City start with a pilot district to determine related costs and enforcement time requirements. A pilot district would only be created following the City Council's approval of updated permit regulations and if a majority of residents within a zone request the creation of a voluntary parking district. Enforcement activities would be managed by existing budgeted staff.

Consideration of Voluntary Parking Permit Districts in Residential Neighborhood ZonesPage 6 of 7

Next Steps

If the City Council decides to update its parking permit regulations, it would be necessary to obtain assistance from a transportation/traffic engineer to explore several related issues, including:

- Develop amendments to the San Fernando City Code in order to update the existing Parking Permit Program guidelines.
- Determine applicable permitting fees for existing and new parking districts;
- Develop formal guidelines, petition processes, and establish criteria for how district applications are reviewed.
- Develop a process for establishing parking districts/block groups. This would help to minimize impacts to neighboring residential areas if a parking district is created.
- Determine the additional costs and associated cost-recovery necessary to manage and enforce the expanded parking permit program.
- Determine the feasibility of conducting a pilot program.

It is estimated that these items could be developed over a two (2) month period, at a cost of approximately \$15,000 to \$20,000. Funding is not currently included in the City's budget for this analysis.

In the last six months, staff has received inquiries from several community members regarding interest in voluntary parking permit districts. These include residential neighborhoods along Eighth Street, Second Street, and Fermoore Street. Either of these neighborhoods could be good locations to establish a pilot program and determine the effectiveness of a voluntary parking district.

BUDGET IMPACT:

The total estimated cost to develop updates to the City's permit parking policy is \$15,000 to \$20,000.

CONCLUSION:

It is requested that the City Council provide further direction relative to the creation of voluntary parking permit districts.

Consideration of Voluntary Parking Permit Districts in Residential Neighborhood ZonesPage 7 of 7

ATTACHMENTS:

- A. San Fernando Municipal Code Section 62 – Parking and Business Improvement Areas and Map
- B. San Fernando Municipal Code Section 90 – Parking Permit Program and Map
- C. Survey Information
- D. Draft Guidelines

ATTACHMENT "A"ARTICLE III. - PARKING AND BUSINESS IMPROVEMENT AREAS^[3]

Footnotes:

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Cross reference— Businesses, ch. 22; traffic and vehicles, ch. 90.

DIVISION 1. - GENERALLY

Secs. 62-61—62-85. - Reserved.

DIVISION 2. - AREA A

Sec. 62-86. - Authority for proceedings.

The proceedings taken in this division are taken pursuant to the authority of the Parking and Business Improvement Area Law of 1965, as added to the Streets and Highways Code by Statutes 1965, chapter 241 (Streets and Highways Code § 36000 et seq.).

(Code 1957, § 15A.1)

Sec. 62-87. - Resolution of intention.

This division is adopted pursuant to that certain resolution of intention adopted by the city council, being Resolution No. 4040, adopted on October 25, 1965, and entitled "A Resolution of the Council of the City of San Fernando declaring its intention to form a parking and business improvement area to be known as Parking and Business Improvement Area A of the City of San Fernando, fixing the time and place for hearing, and giving notice thereof." The resolution of intention was adopted by the city council and proceedings thereunder taken pursuant to the authority of such Parking and Business Improvement Area Law of 1965.

(Code 1957, § 15A.2)

Sec. 62-88. - Notice and hearing.

Resolution No. 4040 was published and mailed as provided by law, and a hearing thereon was held by the city council on November 15, 1965, at the hour of 7:30 p.m. in the council chambers of the city council, in the City Hall, 117 Macneil Street, San Fernando, California.

(Code 1957, § 15A.3)

Sec. 62-89. - Protests and action thereon.

At the hearing provided for by such Resolution No. 4040, and as set forth in section 62-88, all persons desiring to be heard were heard and all protests and objections made or filed were fully heard

and such have been overruled and denied by order of the city council entered on its minutes, and such hearing has been duly concluded.

(Code 1957, § 15A.4)

Sec. 62-90. - Protests deemed less than majority.

The city council has determined, by order entered on its minutes, that objections or protests objecting to and protesting the formation of parking and business improvement area A have not been made by businesses in the proposed area which pay a majority of the fees within the area under article II of chapter 22 of this Code.

(Code 1957, § 15A.5)

Sec. 62-91. - Definitions and classifications of businesses.

The definitions and classifications of businesses referred to in this division shall be determined by the definitions and classifications as set forth in article II of chapter 22 of this Code.

(Code 1957, § 15A.6)

Cross reference— Definitions generally, § 1-2.

Sec. 62-92. - Name of area.

The name of the parking and business improvement area created and established in this division is "Parking and Business Improvement Area A of the City of San Fernando," sometimes referred to as "area."

(Code 1957, § 15A.7)

Sec. 62-93. - Established.

The parking and business improvement area A of the city is fully constituted and established.

(Code 1957, § 15A.8)

Sec. 62-94. - Description.

A description of the exterior boundaries of the parking and business improvement area A created and established is as follows:

Beginning at the intersection of the centerline of Truman Street, 80 feet wide, with the northeasterly prolongation of the centerline of Mission Boulevard, 60 feet wide, as described in the final order of condemnation entered in Case No. SF C-472 Superior Court of Los Angeles County, a certified copy of such final order being recorded in book 36483, pages 416 through 418 of the official records of such county; thence southeasterly along the centerline of Truman Street to a point of intersection with the northeast prolongation of the southeast line of lot 14, block C, Porter Land & Water Co.'s Resurvey of the City of San Fernando, as per map recorded in book 34, pages 65 and 66 of miscellaneous records in the office of the county recorder of such county; thence southwesterly along such northeasterly prolongation and along such southeast line and southwest prolongation

thereof to the centerline of San Fernando Road, 80 feet wide; thence northwest along such centerline of San Fernando Road to the northeasterly prolongation of the southeast line of lot 17, block 2, Porter Land & Water Co.'s Resurvey of the City of San Fernando, as per map recorded in book 34, pages 65 and 66 of miscellaneous records of such county; thence southwesterly along such prolongation and along the southeast line of lots 17 and 24 in such block 2, and continuing southwesterly parallel to Chatsworth Drive to the centerline of Pico Street, 60 feet wide; thence southeasterly along such centerline to the northeast prolongation of the southeast line of lots 8, 9, 10 and 11, block 22 of such Porter Land & Water Co.'s Resurvey; thence southwesterly along such northeasterly prolongation, along such southeast line and the southwesterly prolongation thereof to the centerline of Coronel Street, 60 feet wide; thence northwesterly along such centerline to the northeast prolongation of the southeast line of lots 1, 2 and 3, tract 1803, as per map recorded in book 21, page 113 of maps, records of such county; thence southwesterly along such prolongation and such southeast line to the northeast line of lot 4 of such tract no. 1803; thence northwesterly along such northeast line, 32½ feet; thence southwesterly parallel with Chatsworth Drive to the centerline of Hollister Street, 60 feet wide; thence northwesterly along such centerline of Hollister Street to the centerline of Maclay Avenue, 60 feet wide, formerly Newmark Street, as such avenue is shown on map of Porter Land & Water Co.'s Resurvey of the Town of San Fernando recorded in book 34, pages 65 and 66 of miscellaneous records in such office of the county recorder; thence northeast along such centerline of Maclay Avenue, 60 feet wide, to the southeasterly prolongation of the southwest line of lots 1 to 20, block 25 of such Porter Land & Water Co.'s Resurvey; thence northwesterly along such southeasterly prolongation and such southwest line, and along the northwesterly prolongation thereof to the centerline of Mission Boulevard, 80 feet wide, as shown on map of tract 5247, recorded in book 58, page 14 of maps in such office of the county recorder; thence northeast along such centerline of Mission Boulevard to the centerline of San Fernando Road, 80 feet wide; thence southeast along such centerline of San Fernando Road to the centerline of Mission Boulevard, as described in such final order of condemnation in Case No. SF C-472; thence northeast along such centerline of Mission Boulevard to the point of beginning.

(Code 1957, § 15A.9)

Sec. 62-95. - Businesses subject to additional license fee.

All businesses within the boundaries of parking and business improvement area A, as described in this division, not exempt by law, will be subject to the provisions of the additional fee imposed by this division.

(Code 1957, § 15A.10)

Sec. 62-96. - Additional license fee schedule.

The initial rate of increase or additional charge of the business license fee on all businesses conducting their activities in the parking and business improvement area A, which is in addition to the ordinary license fee imposed upon such businesses by article II of chapter 22 is fixed and established at the rates set forth by the following schedule:

- (1) Class I businesses. The following businesses in this class shall be charged two times the ordinary business license fee or \$75.00, whichever is greater, with a maximum license fee of \$1,000.00:
 - a. Retail businesses.
 - b. Wholesale businesses.
 - c. Manufacturing businesses.
 - d. Manufacturing dealers.

- e. Telephone service businesses.
 - f. Savings and loan associations.
 - g. Card rooms and social card clubs.
- (2) Class II businesses. The following businesses in this class shall be charged 11/3 times the ordinary business license fee or \$75.00, whichever is greater, with a maximum of \$1,000.00:
- a. Independent contractors.
 - b. Detective agencies.
 - c. Employment or booking agencies.
 - d. Freight forwarders or warehousemen.
 - e. Leasing or renting tangible personal property.
 - f. Masseurs.
 - g. Auto and appliance repair shops.
 - h. Trade and business schools.
 - i. Hotels, apartment houses, motels, roominghouses or boardinghouses.
 - j. Advertising agencies.
 - k. Undertakers.
 - l. Contractors.
- (3) Class III businesses. The following businesses in this class shall be charged three-fourths of the ordinary business license fee, if any, or \$75.00, whichever is the greater:
- a. Laundries, self-service laundries, cleaning and dyeing businesses or agents therefor.
 - b. Nonprofit organizations selling new or used merchandise.
 - c. Music teachers.
 - d. Shoe repair shops.
 - e. Newspapers and job printing plants.
 - f. Personal loan companies.
 - g. Pawnbrokers.
- (4) Class IV businesses. The following businesses in this class shall be charged in the amount of \$200.00:
- a. Pool and billiard rooms.
 - b. Bowling alleys.
 - c. Amusement arcades.
 - d. Theaters.

(Code 1957, § 15A.11)

Sec. 62-97. - Use of proceeds of additional license fee.

The uses to which the proceeds from the additional fee revenue realized from the rate of increase or additional charge of the license fees, as provided in section 62-96, will be put are as follows:

- (1) Pay rental for the off-street vehicle parking lots located in parking district no. 1 of the city sufficient in an amount that, after making due allowance for contingencies and error in estimates, the gross revenues from the operation of district parking places and the gross revenues from off-street meters, as such phrases are used in Resolution No. 3193, adopted July 6, 1959, will together be an amount at least sufficient to pay, when due, the financial obligations of such parking district no. 1, including obligations set forth and referred to in covenant 11 of section 20 of such Resolution No. 3103, which obligations are to pay the following:
 - a. Necessary and reasonable maintenance and operation costs of the district parking places and necessary and reasonable on-street parking meter expenses.
 - b. The interest on the bonds as such shall become due and payable.
 - c. The principal of the bonds as such shall mature and fall due.
 - d. All payments required to be made into the reserve fund as required by section 18 of Resolution No. 3193.
 - e. All payments required to meet any other obligations of the city which are charges, liens or encumbrances upon or payable from the gross revenues from on-street parking meters or gross revenues from the operation of the district parking places.
- (2) Pay as rental for such off-street parking lots in parking district no. 1 such additional sums as may be required from time to time to meet and pay any other financial obligations of parking district no. 1 of the city, as such obligations are set forth and contained in Resolution No. 3193, adopted July 6, 1959.
- (3) Any excess proceeds remaining after meeting the financial obligations set forth in this section shall be used for the acquisition, construction and maintenance of new or additional vehicle parking facilities within such area.

(Code 1957, § 15A.12)

Sec. 62-98. - Credit against additional license fee.

Any business referred to in this division which is liable for an increase or additional charge of the license fee shall be entitled to a credit against such increase or additional charge of the license fee equal to one-half the amount of such increase or additional fee if such business:

- (1) Provides free off-street vehicular customer parking in full conformance with the vehicle parking requirements specified under Zoning Ordinance No. 423, adopted December 26, 1945, as amended; or
- (2) Payment for such business has been made in full into the in-lieu parking fund for vehicle parking as required by such Ordinance No. 423.

(Code 1957, § 15A.13)

Sec. 62-99. - Collection of additional license fee.

The collection of the increase or additional charge to the license fee charged and imposed by this division shall be made at the same time and in the same manner as the ordinary business license fee of the city under article II of chapter 22, and such increase or additional charge of the license fee imposed under this division shall be computed in the manner provided in article II of chapter 22 for each business, but according to the schedule set forth in this division, and shall be due and payable as provided in such article II of chapter 22.

(Code 1957, § 15A.14)

Sec. 62-100. - New business.

Any new business in parking and business improvement area A shall be assessed in accordance with its classification.

(Code 1957, § 15A.16)

Sec. 62-101. - Businesses exempt from license fee.

Any business, person or institution located within the parking and business improvement area A, which is exempt from the payment of the city's ordinary business license fee because of the provisions of the United States or state constitutions, is not to be charged under this division, but may make a voluntary contribution to the city. Such contribution shall be used for the purposes provided in this division.

(Code 1957, § 15A.17)

Secs. 62-102—62-130. - Reserved.

DIVISION 3. - AREA B

Sec. 62-131. - Authority for proceedings.

The proceedings taken in this division are taken pursuant to the authority of the Parking and Business Improvement Area Law of 1965, as added to the Streets and Highways Code by Statutes 1965, chapter 241 (Streets and Highways Code § 36000 et seq.).

(Code 1957, § 15A.19)

Sec. 62-132. - Resolution of intention.

This division is adopted pursuant to that certain resolution of intention adopted by the city council, being Resolution No. 4298, adopted October 7, 1968, and entitled "A Resolution of the Council of the City of San Fernando declaring its intention to form a parking and business improvement area to be known as Parking and Business Improvement Area B of the City of San Fernando, fixing the time and place for hearing, and ordering the giving of notice thereof," which resolution of intention was adopted by the city council and proceedings thereunder taken pursuant to the authority of such Parking and Business Improvement Area Law of 1965.

(Code 1957, § 15A.20)

Sec. 62-133. - Notice and hearing.

Resolution No. 4298 was published and mailed as provided by law, and a hearing thereon was held by the city council on October 29, 1968, at the hour of 7:30 p.m. in the council chambers of the city council in the City Hall, 117 Macneil Street, San Fernando, California.

(Code 1957, § 15A.21)

Sec. 62-134. - Protests and action thereon.

At the hearing provided for by Resolution No. 4298 and, as set forth in section 62-133, all persons desiring to be heard were heard and all protests and objections made or filed were fully heard, and such have been overruled and denied by order of the city council entered on its minutes, and the hearing has been duly concluded.

(Code 1957, § 15A.22)

Sec. 62-135. - Protests deemed less than majority.

The city council has determined, by order entered on its minutes, that objections or protests objecting to and protesting the formation of parking and business improvement area B have not been made by businesses in the proposed area, which pay a majority of the fees within the area under article II of chapter 22 of this Code.

(Code 1957, § 15A.23)

Sec. 62-136. - Name of area.

The name of the parking and business improvement area created and established in this division is Parking and Business Improvement Area B of the City of San Fernando, sometimes referred to as "area."

(Code 1957, § 15A.24)

Sec. 62-137. - Description.

A description of the exterior boundaries of the parking and business improvement area B of the city created and established in this division is as follows:

That portion of the City of San Fernando, County of Los Angeles, State of California, bounded as follows: beginning at the intersection of the centerline of Truman Street, 80 feet wide, and the centerline of S. Workman Street, 60 feet wide; thence southwesterly along the centerline of S. Workman Street to the centerline of Celis Street, 60 feet wide; thence southeasterly along the centerline of Celis Street to the centerline of Kalisher Street, 60 feet wide; thence southwesterly along the centerline of Kalisher Street to the centerline of Pico Street, 60 feet wide; thence southeasterly along the centerline of Pico Street to the centerline of S. Brand Boulevard, 130 feet wide; thence northeasterly along the centerline of S. Brand Boulevard to the centerline of Celis Street, 60 feet wide; thence southeasterly along the centerline of Celis Street to the centerline of Chatsworth Drive, 60 feet wide; thence northeasterly along the centerline of Chatsworth Drive to the centerline of San Fernando Road, 80 feet wide; thence northwesterly along the centerline of San Fernando Road to the centerline of Kittridge Street, 60 feet wide; thence northeasterly along the centerline of Kittridge Street to the southeasterly prolongation of the northeasterly line of lots 1 to 6 inclusive of tract no. 4687 as per map recorded in book 62, page 37, of maps, in the office of the county recorder; thence northwesterly along such southeasterly prolongation, such northeasterly line and the northwesterly prolongation thereof to the centerline of S. Brand Boulevard; thence northeasterly along the centerline of S. Brand Boulevard to the southwesterly line of the 100-foot-wide right-of-way of Southern Pacific Railroad Company; thence northwesterly along the southwesterly line to the southeasterly line of lot A in block M of Boruff Tract as per map recorded in book 16, page 171, of maps; thence southwesterly along the southeasterly line of lot A, block M, Boruff Tract, and along the southwesterly prolongation of the southeasterly line of lot A to the

centerline of Truman Street, 80 feet wide; thence northwesterly along the centerline of Truman Street to the point of beginning.

(Code 1957, § 15A.25)

Sec. 62-138. - Benefit zones.

For the purposes set forth in section 62-139, separate benefit zones, based upon the degree of benefit derived from the purpose, are created and established, which benefit zones shall be known respectively as zone 1 and zone 2, and which zones are respectively described as follows:

- (1) Zone 1. That portion of the City of San Fernando, County of Los Angeles, State of California, bounded as follows:

Beginning at the intersection of the centerline of Mission Boulevard with the northwesterly prolongation of the southwest line of the northeast 24 feet of the northwest eight feet of lot 13 in tract no. 9589, as per map recorded in book 160, page 48, of maps; thence southeast along the prolongation and the southwest line to the southeast line of the northwest eight feet of lot 13, tract no. 9589; thence northeast along such southeast line 24 feet to the northeast line of lot 13; thence southeasterly along the northeast line of lots 1 to 13 in tract no. 9589, and along the northeast line of lots 28 to 32 in tract no. 3674 as per map recorded in book 47, page 42, of maps to the most easterly corner of lot 28; thence southwesterly along the southeasterly line of lot 28 six feet; thence southeasterly parallel with the northeast line of lots 28 to 32, tract no. 3674, and its southeasterly prolongation, to the centerline of Maclay Avenue, 80 feet wide; thence northeasterly along the centerline of Maclay Avenue six feet to the southeasterly prolongation; thence southeasterly along the prolongation and along the northeast line of lots 3 to 26, inclusive, of tract no. 3674 to the most easterly corner of lot 3; thence southwesterly along the southeasterly line of lot 3, 58 feet; thence southeasterly parallel with the northeast line of lots 1 and 2 in tract no. 3674 and its southeasterly prolongation to the centerline of Brand Boulevard; thence northeasterly along the centerline of Brand Boulevard to the northwesterly prolongation of the northeast line of lots 1 to 6 of tract no. 4687, as per map recorded in book 62, page 37, of maps; thence along such northwesterly prolongation, the northeast line and its southeasterly prolongation to the centerline of Kittridge Street; thence southwesterly along the centerline of Kittridge Street to the centerline of San Fernando Road; thence southeasterly along the centerline of San Fernando Road to the centerline of Chatsworth Drive; thence southwesterly along the centerline of Chatsworth Drive to the southeasterly prolongation of the northeast line of the southwest 40 feet of lot 130 of tract no. 2824, as per map recorded in book 28, pages 36 and 37, of maps; thence northwesterly along such prolongation and the northeast line to the northwest line of the southeast 33.33 feet of lot 130; thence southwesterly along the northwest line 40 feet to the southwest line of lot 130; thence northwesterly along the southwest line and the southwest line of lot 126 in tract no. 2824, 134 feet to the southeast line of the northwest 99.17 feet of lot 126; thence northeasterly along the last-mentioned southeast line 45 feet; thence northwesterly parallel with the southwest line of lot 126 and its northwesterly prolongation to the centerline of Brand Boulevard; thence southwesterly along the centerline of Brand Boulevard to the southeasterly prolongation of the southwest line of lot 2 of tract no. 2824; thence northwesterly along the last-mentioned southeasterly prolongation, along the southwest line of said lot 2, tract no. 2824 and the northwesterly prolongation thereof to the southwesterly prolongation of the southeast line of lot 17 in block 4 of Porter Land & Water Co.'s Resurvey of the Town of San Fernando as per map recorded in book 34, pages 65 and 66, of miscellaneous records; thence northeast along such southwesterly prolongation and the southeast line 39.5 feet; thence northwesterly parallel with the southwest line of lot 17 and the northwesterly prolongation thereof to the centerline of Maclay Avenue; thence southwesterly along the centerline 39.5 feet to the southeast prolongation of the southwest line of lots 1 to 20 inclusive in block 5 of Porter Land & Water Co.'s Resurvey; thence northwesterly along such prolongation, the southwest line and its northwesterly prolongation to the centerline of Mission

Boulevard; thence northeasterly along the centerline of Mission Boulevard to the point of beginning.

- (2) Zone 2. That portion of the City of San Fernando, County of Los Angeles, State of California, bounded as follows:

That portion of the City of San Fernando, County of Los Angeles, State of California, bounded as follows: beginning at the intersection of the centerline of Truman Street, 80 feet wide, and the centerline of S. Workman Street, 60 feet wide; thence southwesterly along the centerline of S. Workman Street to the centerline of Celis Street, 60 feet wide; thence southeasterly along the centerline of Celis Street to the centerline of Kalisher Street, 60 feet wide; thence southwesterly along the centerline of Kalisher Street to the centerline of Pico Street, 60 feet wide; thence southeasterly along the centerline of Pico Street to the centerline of S. Brand Boulevard, 130 feet wide; thence northeasterly along the centerline of S. Brand Boulevard to the centerline of Celis Street, 60 feet wide; thence southeasterly along the centerline of Celis Street to the centerline of Chatsworth Drive, 60 feet wide; thence northeasterly along the centerline of Chatsworth Drive to the centerline of San Fernando Road, 80 feet wide; thence northwesterly along the centerline of San Fernando Road to the centerline of Kittridge Street, 60 feet wide; thence northeasterly along the centerline of Kittridge Street to the southeasterly prolongation of the northeasterly line of lots 1 to 6 inclusive of tract no. 4687 as per map recorded in book 62, page 37, of maps, in the office of the county recorder; thence northwesterly along such southeasterly prolongation, the northeasterly line and the northwesterly prolongation thereof to the centerline of S. Brand Boulevard; thence northeasterly along the centerline of S. Brand Boulevard to the southwesterly line of the 100-foot-wide right-of-way of Southern Pacific Railroad Company; thence northwesterly along the southwestern line to the southeasterly line of lot A in block M of Boruff Tract, as per map recorded in book 16, page 171, of maps; thence southwesterly along the southeasterly line of lot A, block M, Boruff Tract, and along the southwesterly prolongation of the southeasterly line of lot A to the centerline of Truman Street, 80 feet wide; thence northwesterly along the centerline of Truman Street to the point of beginning.

EXCEPT that portion thereof within the following described boundaries: beginning at the intersection of the centerline of Mission Boulevard with the northwesterly prolongation of the southwest line of the northeast 24 feet of the northwest eight feet of lot 13 in tract no. 9589, as per map recorded in book 160, page 48, of maps; thence southeast along such prolongation and the southwest line to the southeast line of the northwest eight feet of lot 13, tract no. 9589; thence northeast along the southeast line 24 feet to the northeast line of lot 13; thence southeasterly along the northeast line of lots 1 to 13 in tract no. 9589 and along the northeast line of lots 28 to 32 in tract no. 3674, as per map recorded in book 47, page 42, of maps, to the most easterly corner of lot 28; thence southwesterly along the southeasterly line of lot 28 six feet; thence southeasterly parallel with the northeast line of lots 28 to 32, tract 3674, and its southeasterly prolongation to the centerline of Maclay Avenue, 60 feet wide; thence northeasterly along the centerline of Maclay Avenue six feet to the southeasterly prolongation; thence southeasterly along such prolongation and along the northeast line of lots 3 to 26, inclusive, of tract no. 3674 to the most easterly corner of lot 3; thence southwesterly along the southeasterly line of lot 3, 58 feet; thence southeasterly parallel with the northeast line of lots 1 and 2 in tract no. 3674 and its southeasterly prolongation to the centerline of Brand Boulevard; thence northeasterly along the centerline of Brand Boulevard to the northwesterly prolongation of the northeast line of lots 1 to 6 of tract no. 4687, as per map recorded in book 62, page 37, of maps; thence along such northwesterly prolongation, the northeast line and its southeasterly prolongation to the centerline of Kittridge Street; thence southwesterly along the centerline of Kittridge Street to the centerline of San Fernando Road; thence southeasterly along the centerline of San Fernando Road to the centerline of Chatsworth Drive; thence southwesterly along the centerline of Chatsworth Drive to the southeasterly prolongation of the northeast line of the southwest 40 feet of lot 130 of tract no. 2824, as per map recorded in book 28, pages 36 and 37 of maps; thence northwesterly along such prolongation and the northeast line to the

northwest line of the southeast 33.33 feet of lot 130; thence southwesterly along the northwest line 40 feet to the southwest line of lot 130; thence northwesterly along the southwest line and the southwest line of lot 126 in tract no. 2824, 134 feet to the southeast line of the northwest 99.17 feet of lot 126; thence northeasterly along the last-mentioned southeast line 45 feet; thence northwesterly parallel with the southwest line of lot 126 and its northwesterly prolongation to the centerline of Brand Boulevard; thence southwesterly along the centerline of Brand Boulevard to the southeasterly prolongation of the southwest line of lot 2 of tract no. 2824; thence northwesterly along the last-mentioned southeasterly prolongation, along the southwest line of lot 2, tract no. 2824, and the northwesterly prolongation thereof to the southwesterly prolongation of the southeast line of lot 17 in block 4 of Porter Land & Water Co.'s Resurvey of the Town of San Fernando, as per map recorded in book 34, pages 65 and 66 of miscellaneous records; thence northeast along such southwesterly prolongation and the southeast line 39.5 feet; thence northwesterly parallel with the southwest line of lot 17 and the northwesterly prolongation thereof to the centerline of Maclay Avenue; thence southwesterly along the centerline 39.5 feet to the southeast prolongation of the southwest line of lots 1 to 20, inclusive, in block 5 of the Porter Land & Water Co.'s Resurvey; thence northwesterly along such prolongation, the southwest line and its northwesterly prolongation to the centerline of Mission Boulevard; thence northeasterly along the centerline of Mission Boulevard to the point of beginning.

(Code 1957, § 15A.26)

Sec. 62-139. - Uses of proceeds in respective zones; purposes.

- (a) The uses to which the proceeds from the additional fee revenue realized from the rate of increase of or additional charge to the license fee, as provided in this division, will be put and in which zone of parking and business improvement area B are as follows:
- (1) Purpose A. The general promotion of retail trade activity, including but not limited to the cleaning and maintenance of the San Fernando Road Pedestrian Mall and the San Fernando Road Pedestrian Mall Addition No. 1 (collectively sometimes referred to as "pedestrian mall"), general advertising and promotion, sales promotion activity, and special promotional literature in the following enumerated zones of the area (sometimes referred to as "purpose A"): zone 1 and zone 2.
 - (2) Purpose B. The furnishing of music in public places in the following enumerated zone in the area (sometimes referred to as "purpose B"): zone 1.
 - (3) Purpose C. The promotion of public events, including but not limited to such activities as art shows, festivals and public ceremonies, which are to take place on or in public places in the following enumerated zones in the area (sometimes referred to as "purpose C"): zone 1 and zone 2.
 - (4) Purpose D. The decoration of any public place, including but not limited to Christmas decorations and other decorations in the following enumerated zones in the area (sometimes referred to as "purpose D"): zone 1 and zone 2.
 - (5) Other purposes. After first deducting that percentage as established by resolution of the city council from all proceeds of the additional fee revenue realized from the rate of increase of or additional charge to the license fee, except for the proceeds realized from additional charges to the business license fee under subsection 62-142(1)a.5 of this division, as the cost of collection and administration, and the proceeds of the additional charge or fee derived under subsection 62-142(1)a.5 for maintenance of the pedestrian mall, the balance of all proceeds of the additional fee revenue realized from the rate of increase of or additional charge to the license fee shall be used by the city to pay contract fees to that entity with which the city has contracted to carry out and perform all other purposes enumerated in subsections (a)(1) through (4), inclusive, of this section.

The percentage of proceeds retained by the city shall be used for the purpose of defraying the cost of administration and the cost of collection of the rate of increase or additional charge of or to the license fee and the proceeds derived under subsection 62-142(1)a.5 of this division shall be used by the city to defray the cost of cleaning and maintenance of the pedestrian mall.

- (b) This section shall take precedence and govern over any section of this article that might be in conflict with this section.

(Code 1957, § 15A.27)

Sec. 62-140. - Classification of businesses and appeals.

- (a) Classification of businesses generally. For the purpose of the rate of increase of or additional charge to the license fee, the various businesses located in parking and business improvement area B are classified in accordance with the following schedule:
- (1) Class I, retail businesses, includes all businesses licensed under article II of chapter 22 of this Code as retail establishments, except when they are otherwise classified in this section.
 - (2) Class II, professional businesses, includes all those businesses generally recognized and considered as professional, including but not limited to attorneys at law, doctors, dentists, optometrists and accountants, except when such businesses are otherwise classified in this section.
 - (3) Class III, service businesses, includes barbers, beauticians, beauty parlors, utilities, real estate brokers, service stations, photographers, contractors, cleaners, laundries, garages and auto repairs, and other such similar service businesses, unless otherwise specifically set forth and classified in this section.
 - (4) Class IV, miscellaneous businesses, includes financial institutions, recreation activities, hotels and motels, apartments, insurance agents, bars, manufacturers and wholesalers, and all other businesses which do not fall into classes I through III, inclusive, or which do not have business licenses under article II of chapter 22 of this Code.
- (b) Dispute of classification. Any questions arising as to the classification of any business shall be determined by the city clerk.
- (c) Appeals. Any person aggrieved by any decision of the city clerk with respect to such classification may appeal to the council by filing a notice of appeal with the clerk of the council within five days from the date of the decision by the city clerk. The council shall thereupon fix a time and place for hearing such appeal. The clerk of the council shall give notice to such person of the time and place of hearing by serving notice personally or by depositing it in the United States Post Office in the city, postage prepaid, addressed to such person at his last known address. At the time of the hearing the council shall determine and rule upon the appeal, and its decision shall be final.

(Code 1957, § 15A.28)

Sec. 62-141. - Businesses subject to additional fee.

All businesses within the boundaries of parking and business improvement area B, described in this division, not exempt by law, shall be subject to the provisions of the fee or additional fee imposed by this division.

(Code 1957, § 15A.29)

Sec. 62-142. - Rate of increase or additional charge of license fee.

The initial rate of increase of or additional charge to the business license fee for each of the purposes set forth in subsections 62-139(a)(1) through (4), inclusive, on all businesses conducting their activities and on all persons, firms, corporations, organizations, lodges and institutions maintaining offices, quarters or meeting places in each of the zones in the area, which is in addition to the ordinary business license fee imposed upon such businesses by article II of chapter 22 of this Code, and in addition to the increase or additional charge of license fees imposed by Ordinance No. 912, adopted November 22, 1965, for the purpose of parking and business improvement area A of the city, is fixed and established at the rates as set forth in the following schedule:

(1) For purpose A of section 62-139.

a. Zone 1.

1. Class I businesses: 0.8594 times the ordinary business license fee.
2. Class II businesses: 0.22 times the ordinary business license fee.
3. Class III businesses: 0.4538 times the ordinary business license fee.
4. Class IV businesses: 0.1832 times the ordinary business license fee or a sum determined by and equal to the number of feet the business fronts on the pedestrian mall, multiplied by \$1.50, whichever is the greater.
5. In addition to the rate of increase of or additional charge to the business license fee set forth in this subsection, all businesses and all persons, firms, corporations, institutions, organizations and lodges maintaining offices, quarters or meeting places occupying a building having frontage and/or abutting on the pedestrian mall shall be charged and shall pay an additional fee according to the following schedule, which additional charge shall be applicable to all classes of business set forth in this subsection. The following fee schedule shall be established:
 - i. For fiscal year 1990-91 (to be known as the base year), the fee shall be, for ground floor locations abutting on the pedestrian mall, equal to the number of feet fronting or abutting the pedestrian mall multiplied by \$10.00. For other floors than the ground floor, the fee shall be \$30.00 per business, firm, person, corporation, organization, lodge or institution.
 - ii. For fiscal year 1991-92, the base year fees shall be equally adjusted by a percentage sufficient to recover 50 percent of the expenditures of the line items in the city budget directly related to pedestrian mall maintenance.
 - iii. For fiscal year 1992-93, the base year fees shall be equally adjusted by a percentage sufficient to recover 75 percent of the expenditures of the line items in the city budget directly related to pedestrian mall maintenance.
 - iv. For fiscal year 1993-94 and beyond, the base year fees shall be equally adjusted by a percentage sufficient to recover 100 percent of the expenditures of the line items in the city budget directly related to pedestrian mall maintenance.

b. Zone 2.

1. Class I businesses: 0.5625 times the ordinary business license fee.
2. Class II businesses: 0.985 times the ordinary business license fee.
3. Class III businesses: 0.1998 times the ordinary business license fee.
4. Class IV businesses: 0.10 times the ordinary business license fee or a sum determined by and equal to the number of feet such business fronts on a public street, multiplied by \$0.75, whichever is the greater.

(2) For purpose B of section 62-139.

a. Zone 1.

1. Class I businesses: 0.0688 times the ordinary business license fee.
 2. Class II businesses: 0.0688 times the ordinary business license fee.
 3. Class III businesses: 0.083 times the ordinary business license fee.
 4. Class IV businesses: 0.0612 times the ordinary business license fee or a sum determined by and equal to the number of feet the business fronts on the pedestrian mall, multiplied by \$0.50, whichever is the greater.
- b. Zone 2. Increase or additional charge of or to the business license fee on businesses in this zone: none.
- (3) For purpose C of section 62-139.
- a. Zone 1.
1. Class I businesses: 0.1668 times the ordinary business license fee.
 2. Class II businesses: 0.1143 times the ordinary business license fee.
 3. Class III businesses: 0.1182 times the ordinary business license fee.
 4. Class IV businesses: 0.0610 times the ordinary business license fee or a sum determined by and equal to the number of feet the business fronts on the pedestrian mall, multiplied by \$0.50, whichever is the greater.
- b. Zone 2.
1. Class I businesses: 0.084 times the ordinary business license fee.
 2. Class II businesses: 0.0775 times the ordinary business license fee.
 3. Class III businesses: 0.0666 times the ordinary business license fee.
 4. Class IV businesses: 0.05 times the ordinary business license fee or a sum determined by and equal to the number of feet the business fronts on a public street, multiplied by \$0.375, whichever is the greater.
- (4) For purpose D of section 62-139.
- a. Zone 1.
1. Class I businesses: 0.28 times the ordinary business license fee.
 2. Class II businesses: 0.1469 times the ordinary business license fee.
 3. Class III businesses: 0.17 times the ordinary business license fee.
 4. Class IV businesses: 0.0612 times the ordinary business license fee or a sum determined by and equal to the number of feet the business fronts on the pedestrian mall, multiplied by \$0.50, whichever is the greater.
- b. Zone 2.
1. Class I businesses: 0.1035 times the ordinary business license fee.
 2. Class II businesses: 0.0775 times the ordinary business license fee.
 3. Class III businesses: 0.0666 times the ordinary business license fee.
 4. Class IV businesses: 0.05 times the ordinary business license fee or a sum determined by and equal to the number of feet the business fronts on a public street, multiplied by \$0.375, whichever is the greater.
- (5) Upstairs businesses. Any business conducting its activities or any person, firm, corporation, organization, lodge or institution maintaining offices, quarters or meeting places on a floor other than the ground floor of any building fronting or abutting on the pedestrian mall or fronting on

any public street shall be liable for the increase or additional charge of or to the business license fee imposed by this division to the same extent as though located on the ground floor; provided, however, that as to the additional charge of or to the business license fee under subsection (1)a.5 of this section, the amount of fee shall be \$5.00 per year.

(6) Maximum fee.

- a. One or first place of business. If the total rate of increase of or additional charge to the business license fee imposed by this division, under any one subsection or any combination of subsections of this section, excluding, however, the additional charge of or to the business license fee under subsection (1)a.5 of this section for any one place of business, shall equal or exceed the maximum for any one of the following places of business, such business shall be only liable for and pay the maximum:
 1. Located in zone 1, maximum of \$500.00 per year.
 2. Located in zone 2, maximum of \$300.00 per year.
- b. Additional places of business in area. If any person, firm or corporation operates more than one place of business in the area, the place of business with the greatest gross receipts shall be considered for the purpose of this subsection as the first place of business and shall be liable for the maximum prescribed in subsection (6)a of this section, but as to each additional place of business in the area it will be governed by subsection (6)a of this section; provided, however, for each such additional place of business the maximum shall be as follows:
 1. Located in zone 1, maximum of \$150.00 per year.
 2. Located in zone 2, maximum of \$90.00 per year.

(Code 1957, § 15A.30)

Sec. 62-143. - Area constituted and established.

Parking and business improvement area B of the city is fully constituted and established.

(Code 1957, § 15A.31)

Sec. 62-144. - Definitions and classifications.

The definitions and classifications of businesses, as set forth in this division, except as otherwise provided in this division, shall be determined by the definitions and classifications as set forth in article II of chapter 22 of this Code.

(Code 1957, § 15A.32)

Cross reference— Definitions generally, § 1-2.

Sec. 62-145. - Due date and penalty for nonpayment of additional fee.

The increase of or additional charge to the business license fee as provided in this division shall be due and payable at the same time and in the same manner as the ordinary business license fee, all as provided in article II of chapter 22 of this Code. Upon failure to pay the charge when due, the charge shall bear the same type of penalties as prescribed by article II of chapter 22 for the nonpayment of the ordinary business license fee.

(Code 1957, § 15A.33)

Sec. 62-146. - Collection of additional fee.

The collection of the increase of or additional charge to the business license fee charged and imposed by this division shall be made at the same time and in the same manner as the ordinary business license fee of the city under article II of chapter 22 of this Code, and such increase of or additional charge to the business license fee shall be computed in the manner provided in article II of chapter 22 for each business but according to the schedule set forth in this division.

(Code 1957, § 15A.34)

Sec. 62-147. - New business.

Any new business in parking and business improvement area B shall be assessed in accordance with its classification.

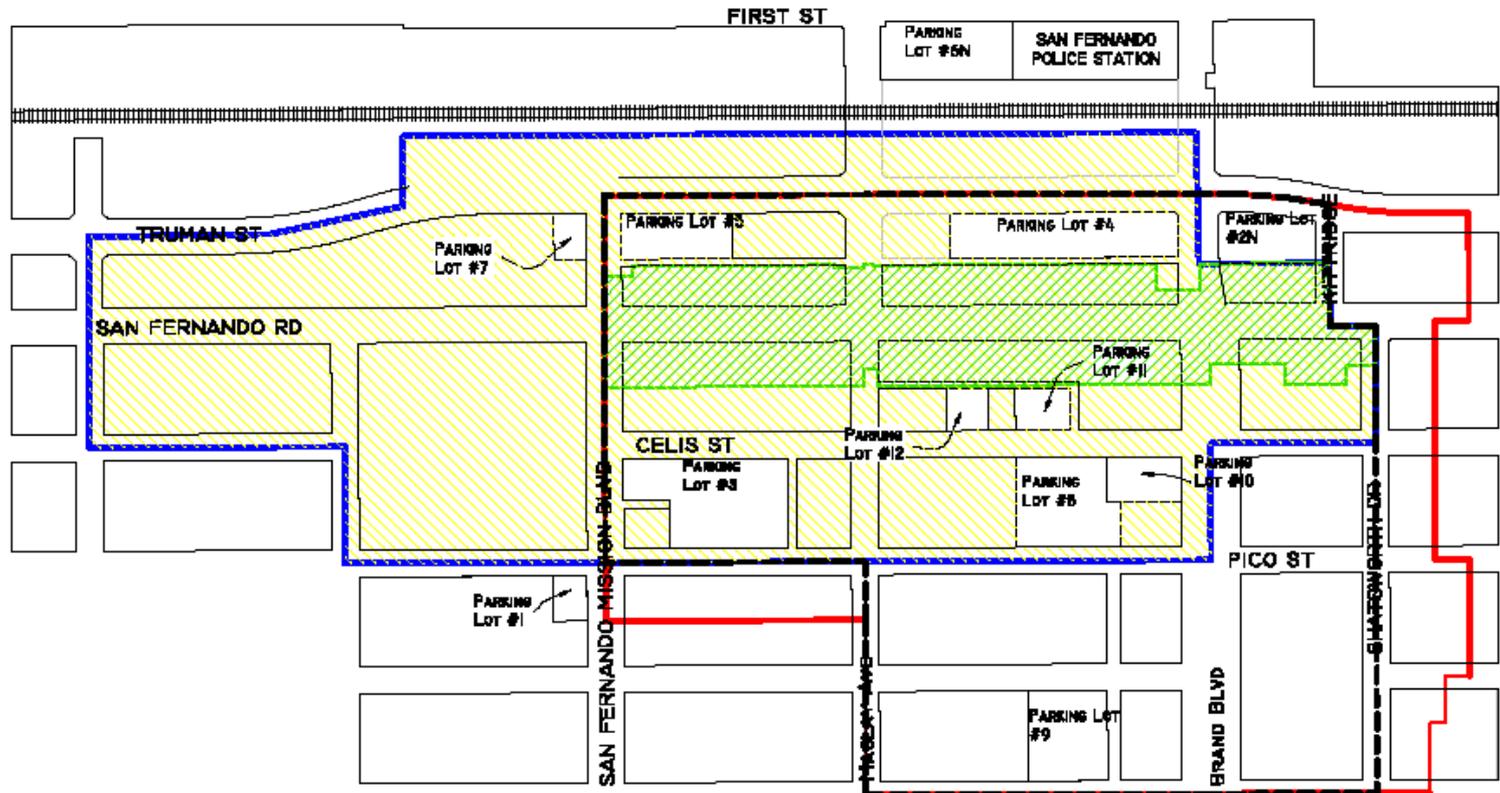
(Code 1957, § 15A.35)

Sec. 62-148. - Exemption; voluntary contribution.

Except as otherwise provided, any business, person or institution located within parking and business improvement area B which is exempt from the payment of the ordinary business license fee of the city because of the provisions of the United States or state constitutions is not to be charged under this division, but may make a voluntary contribution to the city. There is specifically excepted from the exemption contained in this section and nothing contained in this section shall be construed to exempt any business from the increase of or additional charge to the license fee charged and assessed under subsection 62-142(1)a.5 of this division (cleaning and maintenance of pedestrian mall). Any voluntary contribution made pursuant to this section shall be used for the purposes provided in this division.

(Code 1957, § 15A.37)

CITY OF SAN FERNANDO PARKING AND BUSINESS IMPROVEMENT AREAS



ATTACHMENT "B"**DIVISION 8. - PARKING PERMIT PROGRAM****Sec. 90-451. - Definitions.**

The following words, terms and phrases, when used in this division, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Commuter vehicle means a motor vehicle parked in a residential area which is not owned, leased or otherwise controlled by either:

- (1) A resident who lives in the area designated as a parking permit district; or
- (2) A guest visiting residents living in the area designated as a parking permit district.

Guest means a person who is visiting at a dwelling unit located in a parking permit district.

Guest permit means an annual permit issued pursuant to section 90-459.

Parking permit means an annual permit issued pursuant to section 90-453.

Parking permit district means a residential area with streets and boundaries designated by a city council resolution wherein a vehicle displaying a valid parking permit shall be exempt from parking restrictions established pursuant to this division.

Permitted vehicle means a vehicle which displays a valid parking permit issued pursuant to section 90-453 or 90-459.

Resident means a person who resides in a dwelling unit located in a parking permit district.

(Code 1957, § 13.158)

Cross reference— Definitions generally, § 1-2.

Sec. 90-452. - Designation of parking permit districts.

- (a) Generally. Parking permit districts may be established, modified or dissolved by a city council resolution. The city council, upon recommendation of the traffic commission, shall consider for designation as parking permit districts those areas satisfying the criteria established in subsection (b) of this section for the creation of such districts. When the council determines that the criteria, rules, and procedures required in this division have been met, it may establish, by resolution, parking permit districts with appropriate boundaries and parking restrictions. A motor vehicle displaying a valid parking permit or guest permit may be parked and shall be exempt from the parking restrictions established pursuant to the authority of this division in the parking permit district for which permit is issued.
- (b) Process and criteria. The rules and procedures for creation of parking permit districts are as follows:
 - (1) Establishment process. Upon a recommendation of the traffic commission, an area may be evaluated as benefitting from the creation of a parking permit district. Boundaries of that proposed district will be determined by the traffic commission in that evaluation.
 - (2) Hearing and notification process. All residents within a proposed parking permit district shall be notified of a pending public hearing that may affect on-street parking in front of their properties. At a duly noticed public hearing, the traffic commission shall hear public testimony and recommend that city council approve, disapprove or amend the recommended district boundaries and parking restrictions.

- (3) Criteria. If a significant number of residents in a contiguous on-street parking area request establishment of a parking permit district in their area or if, in the judgment of the traffic commission, an area may benefit from the establishment of a parking permit district, the traffic commission shall evaluate the situation and make a recommendation to the city council.
- (4) Administration. The treasurer's department shall be designated as administrator of the parking permit program. The department's responsibilities shall include the collection of fees, issuance of permits and recordkeeping for this program.

(Code 1957, § 13.159)

Sec. 90-453. - Issuance of permits.

Parking permits for parking permit districts shall be issued by the treasurer's department as follows:

- (1) Each parking permit shall be valid only for the calendar year in which it is issued and shall identify thereon the particular parking permit district, the issuance number of the vehicle for which the permit is issued, and the date on which the permit shall expire.
- (2) No more than three annual parking permits shall be issued to any one dwelling unit, except that, at the discretion of the police department, pursuant to section 90-457, additional parking permits may be issued.
- (3) Parking permits may be issued only to residents of the parking permit district.
- (4) Four guest permits may be issued to any one dwelling unit as provided in section 90-459.

(Code 1957, § 13.161)

Sec. 90-454. - Posting of parking permit areas.

Upon designation of a parking permit district, the public works department shall cause appropriate signs to be erected in the district, indicating prominently thereon the parking limitation, period of the day for its application, and the fact that motor vehicles with valid permits shall be exempt therefrom.

(Code 1957, § 13.162)

Sec. 90-455. - Parking permit exemption.

- (a) A motor vehicle upon which a valid annual parking permit or guest permit is displayed shall be permitted to be parked on any block within the parking permit district for which it was issued without being limited by parking restrictions established pursuant to this division. Nothing contained in this section shall exempt permitted vehicles from any other traffic and parking regulations, statutes, or ordinances of either the state or the city. Except as provided in subsection (c) of this section, all other motor vehicles which do not display a valid parking permit or guest permit, which are parked within a parking permit district, shall be subject to the parking restrictions of this division. Any violation of this division shall subject the violator to the penalties of this chapter.
- (b) A parking permit shall not guarantee or reserve to the holder thereof an on-street parking space within the designated parking permit district.
- (c) In addition to vehicles displaying a valid parking permit issued pursuant to this division, the following vehicles shall be exempt from parking restrictions established pursuant to this division:
 - (1) A motor vehicle, identified as owned by or operated under contract to a utility, whether privately, municipally or publicly owned, when used in the construction, operation, removal, or repair of

utility property or facilities or engaged in authorized work in the designated parking permit district.

- (2) A motor vehicle owned by or operated under contract to a governmental agency, when used in the course of official government business.
- (3) A motor vehicle owned by or operated under contract to a commercial business, when used in the loading or unloading of property when otherwise used in connection with or in aid of the performance of a service to or on a property in the parking permit district.

(Code 1957, § 13.163)

Sec. 90-456. - Application for and duration of permit.

Except as otherwise provided, each parking permit issued under this division shall be valid only for the calendar year in which it is issued. Permits may be renewed annually upon reapplication in the manner required by the treasurer's department. Each application for a parking permit shall contain information sufficient to identify the applicant, the applicant's residence address within a parking permit district, the license number of the motor vehicle for which application is made, and such other information that may be deemed relevant by the treasurer's department. Annual parking permits may be issued only for the vehicles registered in the state.

(Code 1957, § 13.164)

Sec. 90-457. - Rules and regulations.

The treasurer's department shall have authority to promulgate and administer rules and regulations regarding the issuance of permits, and the police department shall have authority to promulgate and administer rules and regulations to implement and enforce the program. These rules and regulations shall be submitted to and approved by the city council.

(Code 1957, § 13.165)

Sec. 90-458. - Penalty for violation.

A violation of any of the following or any section of this division shall constitute an infraction:

- (1) Unless otherwise exempted by this division, no person shall stand or park a motor vehicle without a valid parking permit in violation of any parking restrictions established pursuant to this division.
- (2) No person shall falsely represent himself as eligible for a parking permit or furnish false information in an application for a parking permit to the treasurer's department.
- (3) No annual parking permit issued pursuant to this division shall for any consideration, monetary or otherwise, be assigned or transferred by a resident for use by any nonresident.
- (4) No person shall copy, produce or create a facsimile or counterfeit parking permit, nor shall any person use or display an expired permit or a facsimile or counterfeit parking permit.
- (5) The permit of any person who, after a hearing, has been found by the police department to have violated any of the sections of this division shall be revoked, and no new permit shall be issued to that person or household for a period of one year. Such person, upon written notification of such revocation, shall surrender the permit to the treasurer's department within 15 days. No person shall use or display a revoked parking permit.

(Code 1957, § 13.166)

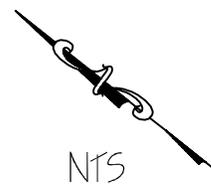
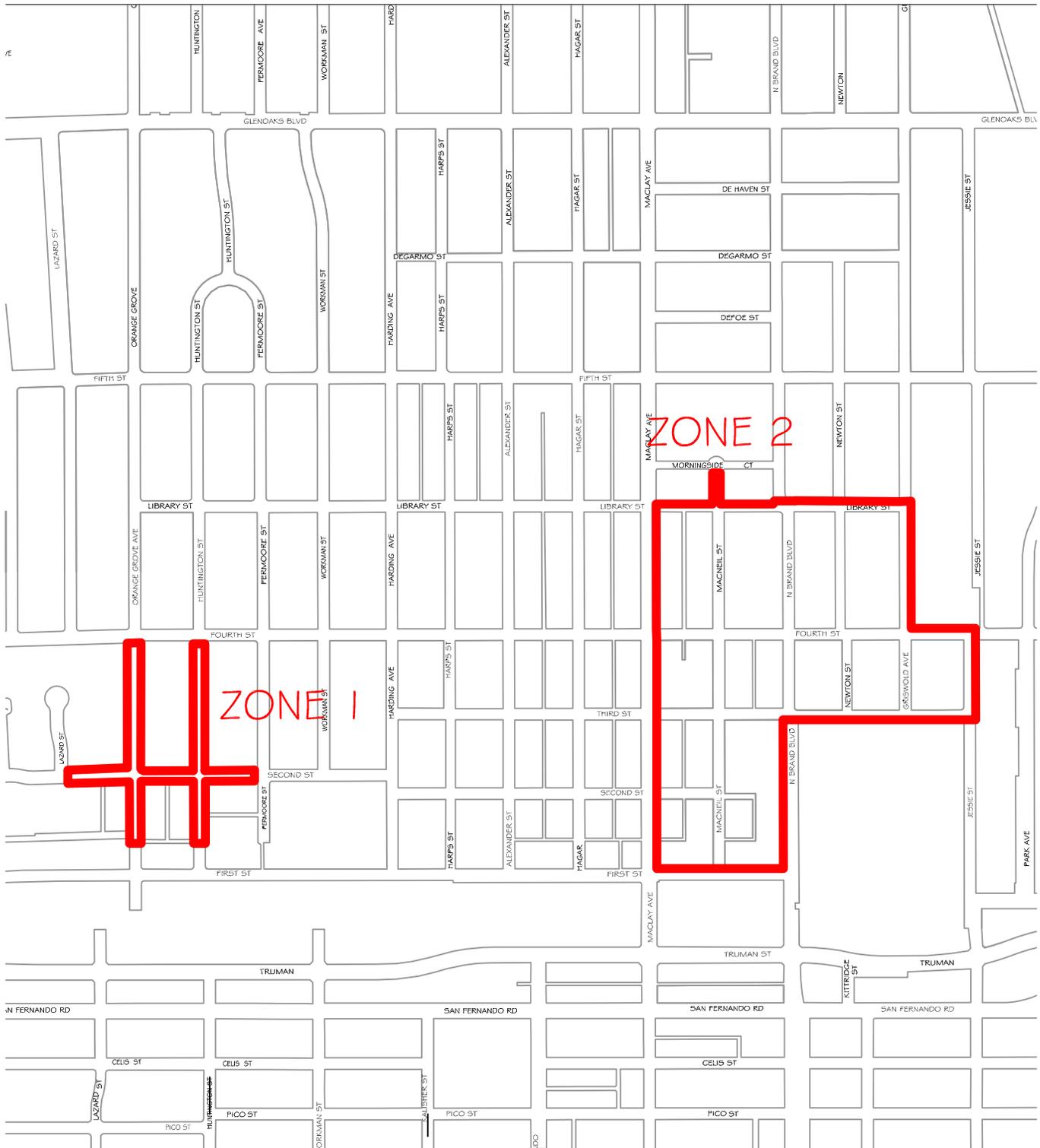
Sec. 90-459. - Guest permits.

Pursuant to this division, any resident may apply to the treasurer's department for up to four guest permits for the use of guests visiting a resident. Such guest permits shall be valid only for the calendar year in which they are issued and are valid on any block within the parking permit district for which they were issued. Guest permits may not be used by commuter vehicles, and any such use shall subject the user and the permittee to the penalties of this chapter.

(Code 1957, § 13.167)

Secs. 90-460—90-485. - Reserved.

CITY OF SAN FERNANDO PARKING PERMIT DISTRICT ZONES



ATTACHMENT "B"**DIVISION 8. - PARKING PERMIT PROGRAM****Sec. 90-451. - Definitions.**

The following words, terms and phrases, when used in this division, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

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- (1) A resident who lives in the area designated as a parking permit district; or
- (2) A guest visiting residents living in the area designated as a parking permit district.

Guest means a person who is visiting at a dwelling unit located in a parking permit district.

Guest permit means an annual permit issued pursuant to section 90-459.

Parking permit means an annual permit issued pursuant to section 90-453.

Parking permit district means a residential area with streets and boundaries designated by a city council resolution wherein a vehicle displaying a valid parking permit shall be exempt from parking restrictions established pursuant to this division.

Permitted vehicle means a vehicle which displays a valid parking permit issued pursuant to section 90-453 or 90-459.

Resident means a person who resides in a dwelling unit located in a parking permit district.

(Code 1957, § 13.158)

Cross reference— Definitions generally, § 1-2.

Sec. 90-452. - Designation of parking permit districts.

- (a) Generally. Parking permit districts may be established, modified or dissolved by a city council resolution. The city council, upon recommendation of the traffic commission, shall consider for designation as parking permit districts those areas satisfying the criteria established in subsection (b) of this section for the creation of such districts. When the council determines that the criteria, rules, and procedures required in this division have been met, it may establish, by resolution, parking permit districts with appropriate boundaries and parking restrictions. A motor vehicle displaying a valid parking permit or guest permit may be parked and shall be exempt from the parking restrictions established pursuant to the authority of this division in the parking permit district for which permit is issued.
- (b) Process and criteria. The rules and procedures for creation of parking permit districts are as follows:
 - (1) Establishment process. Upon a recommendation of the traffic commission, an area may be evaluated as benefitting from the creation of a parking permit district. Boundaries of that proposed district will be determined by the traffic commission in that evaluation.
 - (2) Hearing and notification process. All residents within a proposed parking permit district shall be notified of a pending public hearing that may affect on-street parking in front of their properties. At a duly noticed public hearing, the traffic commission shall hear public testimony and recommend that city council approve, disapprove or amend the recommended district boundaries and parking restrictions.

- (3) Criteria. If a significant number of residents in a contiguous on-street parking area request establishment of a parking permit district in their area or if, in the judgment of the traffic commission, an area may benefit from the establishment of a parking permit district, the traffic commission shall evaluate the situation and make a recommendation to the city council.
- (4) Administration. The treasurer's department shall be designated as administrator of the parking permit program. The department's responsibilities shall include the collection of fees, issuance of permits and recordkeeping for this program.

(Code 1957, § 13.159)

Sec. 90-453. - Issuance of permits.

Parking permits for parking permit districts shall be issued by the treasurer's department as follows:

- (1) Each parking permit shall be valid only for the calendar year in which it is issued and shall identify thereon the particular parking permit district, the issuance number of the vehicle for which the permit is issued, and the date on which the permit shall expire.
- (2) No more than three annual parking permits shall be issued to any one dwelling unit, except that, at the discretion of the police department, pursuant to section 90-457, additional parking permits may be issued.
- (3) Parking permits may be issued only to residents of the parking permit district.
- (4) Four guest permits may be issued to any one dwelling unit as provided in section 90-459.

(Code 1957, § 13.161)

Sec. 90-454. - Posting of parking permit areas.

Upon designation of a parking permit district, the public works department shall cause appropriate signs to be erected in the district, indicating prominently thereon the parking limitation, period of the day for its application, and the fact that motor vehicles with valid permits shall be exempt therefrom.

(Code 1957, § 13.162)

Sec. 90-455. - Parking permit exemption.

- (a) A motor vehicle upon which a valid annual parking permit or guest permit is displayed shall be permitted to be parked on any block within the parking permit district for which it was issued without being limited by parking restrictions established pursuant to this division. Nothing contained in this section shall exempt permitted vehicles from any other traffic and parking regulations, statutes, or ordinances of either the state or the city. Except as provided in subsection (c) of this section, all other motor vehicles which do not display a valid parking permit or guest permit, which are parked within a parking permit district, shall be subject to the parking restrictions of this division. Any violation of this division shall subject the violator to the penalties of this chapter.
- (b) A parking permit shall not guarantee or reserve to the holder thereof an on-street parking space within the designated parking permit district.
- (c) In addition to vehicles displaying a valid parking permit issued pursuant to this division, the following vehicles shall be exempt from parking restrictions established pursuant to this division:
 - (1) A motor vehicle, identified as owned by or operated under contract to a utility, whether privately, municipally or publicly owned, when used in the construction, operation, removal, or repair of

utility property or facilities or engaged in authorized work in the designated parking permit district.

- (2) A motor vehicle owned by or operated under contract to a governmental agency, when used in the course of official government business.
- (3) A motor vehicle owned by or operated under contract to a commercial business, when used in the loading or unloading of property when otherwise used in connection with or in aid of the performance of a service to or on a property in the parking permit district.

(Code 1957, § 13.163)

Sec. 90-456. - Application for and duration of permit.

Except as otherwise provided, each parking permit issued under this division shall be valid only for the calendar year in which it is issued. Permits may be renewed annually upon reapplication in the manner required by the treasurer's department. Each application for a parking permit shall contain information sufficient to identify the applicant, the applicant's residence address within a parking permit district, the license number of the motor vehicle for which application is made, and such other information that may be deemed relevant by the treasurer's department. Annual parking permits may be issued only for the vehicles registered in the state.

(Code 1957, § 13.164)

Sec. 90-457. - Rules and regulations.

The treasurer's department shall have authority to promulgate and administer rules and regulations regarding the issuance of permits, and the police department shall have authority to promulgate and administer rules and regulations to implement and enforce the program. These rules and regulations shall be submitted to and approved by the city council.

(Code 1957, § 13.165)

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A violation of any of the following or any section of this division shall constitute an infraction:

- (1) Unless otherwise exempted by this division, no person shall stand or park a motor vehicle without a valid parking permit in violation of any parking restrictions established pursuant to this division.
- (2) No person shall falsely represent himself as eligible for a parking permit or furnish false information in an application for a parking permit to the treasurer's department.
- (3) No annual parking permit issued pursuant to this division shall for any consideration, monetary or otherwise, be assigned or transferred by a resident for use by any nonresident.
- (4) No person shall copy, produce or create a facsimile or counterfeit parking permit, nor shall any person use or display an expired permit or a facsimile or counterfeit parking permit.
- (5) The permit of any person who, after a hearing, has been found by the police department to have violated any of the sections of this division shall be revoked, and no new permit shall be issued to that person or household for a period of one year. Such person, upon written notification of such revocation, shall surrender the permit to the treasurer's department within 15 days. No person shall use or display a revoked parking permit.

(Code 1957, § 13.166)

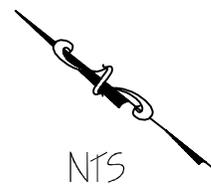
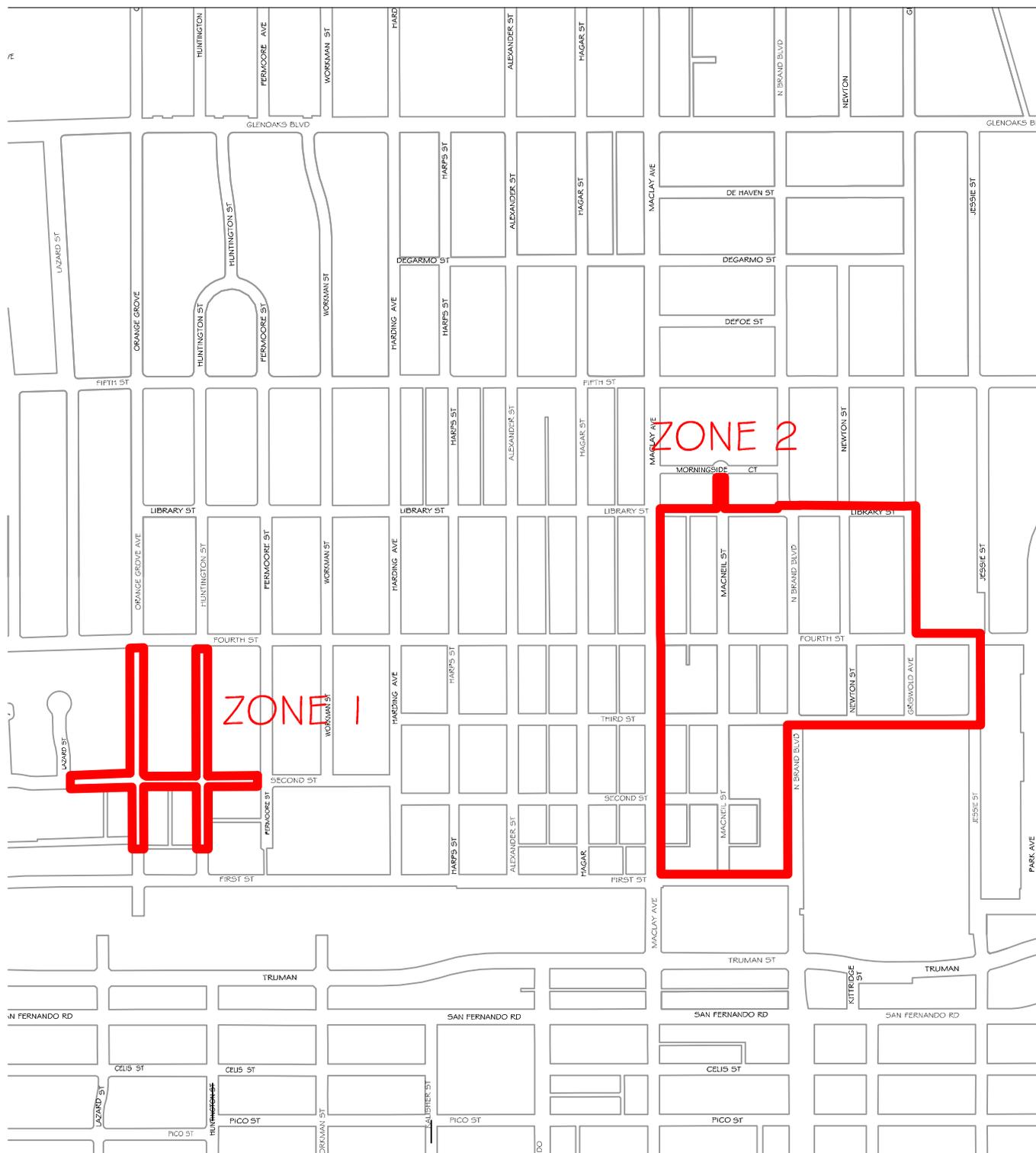
Sec. 90-459. - Guest permits.

Pursuant to this division, any resident may apply to the treasurer's department for up to four guest permits for the use of guests visiting a resident. Such guest permits shall be valid only for the calendar year in which they are issued and are valid on any block within the parking permit district for which they were issued. Guest permits may not be used by commuter vehicles, and any such use shall subject the user and the permittee to the penalties of this chapter.

(Code 1957, § 13.167)

Secs. 90-460—90-485. - Reserved.

CITY OF SAN FERNANDO PARKING PERMIT DISTRICT ZONES



ATTACHMENT “C”

	West Hollywood	Stanton	Pasadena
Smallest Block Size	8 Blocks	None Specified	5 Blocks
Permits Per Address	1 per licensed driver in household	Up to 4 per household	Up to 3 per household
Permit Cost	1 st : \$22 2 nd : \$30 3 rd : \$52 4 th : \$75 Renewed Annually	1 st : Free 2 nd : Free 3 rd : \$25 4 th : \$25 Renewed Bi-Annually	\$10 for 3 Permits
Threshold For Establishing Permit Parking	51% of Neighborhood One Vote Per Household Traffic Study Conducted Review by Transportation Commission and City Council	67% of Neighborhood One Vote Per Household Traffic Study Conducted Review by Transportation Commission and City Council Within 60 days after approval, 50% of Households Must Register for Permits or Permit Program is Rescinded	51% Of Neighborhood One Vote Per Household Traffic Study Conducted If Warranted, Ballots Sent to Properties and 67% of Neighborhood Must Approve
Can Permit Be Used in Other Areas?	No	No	No
Information Required to Obtain a Permit	Photo I.D. Proof of Residence Vehicle Registration	Proof of Residence Vehicle Registration	Proof of Residence Vehicle Registration
Guest Permits	2 Per Household \$33 Per Permit	2 Per Household 1 st : \$5 2 nd : \$25	3 Per Household Cost Included in Total
Special Event Parking	Yes; No Charge Up to 50 Per Day; 400 Per Month First Come First Served Obtain 10 Days in Advance Good on Day of Event Until 12 Noon Next Day	Yes: No Charge Good on Day of Event Until 11:59 p.m.	Yes; \$5 for 10 Permits 40 or More Vehicles – Apply for Special Event Exemption and Pay \$20
Replacement Permit Cost	1 st : \$45 2 nd : \$70 3 rd : \$110	\$25 Each Up to 2 Permits	None Specified

- No parking allowed on street sweeping days.
- Does not include repair trucks, delivery trucks, emergency vehicles, utility trucks, or refuse trucks.
- Number of permits issued shall not exceed 150% of the number of available on-street spaces
- Warning citations are issued for first 2 weeks of permit program
- Parking available on first-come, first-served basis.
- Permits not issued to persons with outstanding parking citations.

ATTACHMENT “D”

	Proposed Guidelines
Smallest Block Size	4 Blocks
Permits Per Address (Annual Permits)	2 per household 1 guest permit per household
Permit Cost	1 st : \$25 2 nd : \$25 3 rd : \$25 Renewed Annually
Threshold For Establishing Permit Parking	51% of Neighborhood One Vote Per Household Traffic Study Conducted Review by Transportation Commission and City Council Within 60 days after approval, 50% of Households Must Register for Permits or Permit Program is Rescinded
Can Permit Be Used in Other Areas?	No
Information Required to Obtain a Permit	Photo I.D. Proof of Residence Vehicle Registration
Guest Permits (Monthly)	1 Per Household \$20 monthly
Special Event Parking	Yes; \$5 Up to 10 Per Household Per Day; Cap of 300 Per Month; First Come First Served Obtain up to 10 Days in Advance Good on Day of Event Until 12 Noon Next Day
Replacement Permit Cost	1 st : \$25 2 nd : \$50 3 rd : \$75

- No parking allowed on street sweeping days.
- Does not include repair trucks, delivery trucks, emergency vehicles, utility trucks, or refuse trucks.
- Number of permits issued shall not exceed 150% of the number of available on-street spaces
- Warning citations are issued for first 2 weeks of permit program
- Parking available on first-come, first-served basis.
- Permits not issued to persons with outstanding parking citations.

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AGENDA REPORT

To: Mayor Robert C. Gonzales and Councilmembers

From: Vice Mayor Joel Fajardo

Date: September 19, 2016

Subject: Consideration to Approve Co-Sponsorship of the San Fernando Fall Harvest Brewfest and Discussion of City Policy Pertaining to Co-Sponsorships

RECOMMENDATION:

It is recommended that the City Council:

- a. Approve City co-sponsorship of the San Fernando Fall Harvest Brewfest;
- b. Approve the use of the City Seal on San Fernando Fall Harvest Brewfest print material;
- c. Consider waiving special event fees for implementation of the San Fernando Fall Harvest Brewfest;
- d. Consider adopting Resolution No. 7762 (Attachment "A") to increase expenditures of Fiscal Year 2016-2017 Fund 001 budget by \$2,875 to fund staffing costs for the San Fernando Fall Harvest Brewfest on October 22, 2016; and
- e. Provide any additional feedback regarding City co-sponsorship of events.

BACKGROUND:

1. On July 30, 2016, I emailed City Manager Brian Saeki regarding possible co-sponsorship of the event, and followed up with an email on September 7, 2016.
2. On August 3, 2016, David Bernal submitted a special event application (Attachment "B"), as the event organizer, for implementation of the San Fernando Fall Harvest Brewfest scheduled for October 22, 2016.
3. On September 8, 2016, City staff met with Mr. Bernal in regards to planning the San Fernando Fall Harvest Brewfest. During this meeting, Mr. Bernal requested that the City co-sponsor the event and subsequently sent a request stating so in writing (Attachment "C").

Consideration to Approve Co-Sponsorship of the San Fernando Fall Harvest BrewfestPage 2 of 3

ANALYSIS:San Fernando Fall Harvest Brewfest

The San Fernando Fall Harvest Brewfest is scheduled for October 22, 2016 and will be located at 1131 Pico Street (Parking lot No. 3), between South Maclay Avenue and San Fernando Mission Boulevard. The event will provide the community with an array of beer, food, and entertainment choices. The entertainment line-up will feature various music bands, including L.A. Kraze, Motor Breath, Whole Lotta Rosies, Vixon Vendetta, and Stone Temple Pilots Tribute Band. In addition, there will be various local boutiques selling arts and crafts. It is anticipated that attendance will range from 1,000 to 1,500 people. There is no cost to attend the event. However there will be a \$40 per person fee (must be over 21 years of age) to enter the beer garden.

Accommodation Request

The event organizer is requesting the following from the City:

- City Staff Support: As with any special event application, Mr. Bernal is requesting that City staff be available to provide technical assistance and/or assistance with the permitting process for the City of San Fernando, Los Angeles County Department of Public Health, and the Los Angeles Fire Department.
- Public Work Fees and Support: The event requires the use of Parking Lot No. 3, thus City staff will be needed for pre/post event set-ups, including set-up/removal of traffic delineators, barricades, and no-parking signs. The estimated cost for fees is \$1,300 (parking stalls, vehicle use, sound permit, and etc.) and staffing is approximately \$1,375.
- Security Assistance: The City is requiring private event security. In addition, City of San Fernando sworn police officers will also be present mainly because of the beer garden. The estimated cost for police staffing is approximately \$1,500.
- Co-Sponsorship Requests: The use of the City Seal is also being requested for all print/electronic marketing material for the event (see Attachment "D" – Resolution No. 6904 Standard Management Procedure Regarding Use of the City Seal).

BUDGET IMPACT:

There is no impact to the General Fund by allowing the use of the City Seal as part of the City's co-sponsorship. The cost to the General Fund by waiving permit fees is \$1,300. The cost to the General Fund to pay for staff overtime (Police and Public Works) is \$2,875.

Consideration to Approve Co-Sponsorship of the San Fernando Fall Harvest BrewfestPage 3 of 3

It is anticipated that attendance could be up to 1,500 people which may result in additional sales tax revenue if attendees patronize local businesses.

ATTACHMENTS:

- A. Resolution No. 7762
- B. San Fernando Fall Harvest Brewfest Special Event Application
- C. San Fernando Fall Harvest Brewfest Letter
- D. Resolution No. 6904

ATTACHMENT "A"**RESOLUTION NO. 7762****A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
SAN FERNANDO, CALIFORNIA, AMENDING THE BUDGET
FOR THE FISCAL YEAR 2016-2017 ADOPTED ON JUNE 29, 2016**

WHEREAS, the City of Council has received and considered the proposed adjustment to the budget for Fiscal Year 2016-2017, commencing July 1, 2016, and ending June 30, 2017; and

WHEREAS, the City Council has determined that it is necessary to amend the revenues and expenditures of the current City budget to accommodate \$2,875 in City staff overtime costs required for set-up, security, and break-down to collaborate in the San Fernando Fall Harvest Brewfest event on October 22, 2016; and

WHEREAS, an annual budget for the City of San Fernando for the Fiscal Year beginning July 1, 2016 and ending June 30, 2017, a copy of which is on file in the City Clerk's Office, has been adopted on June 29, 2016.

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

Section 1. The following adjustments are made to the City Budget:

Increase in Expenditure(s):	
001-225-0000-4105 (Police)	\$1,500
001-370-0000-4105 (Public Works)	\$1,375
 Total Expenditure Adjustment:	 \$2,875

PASSED, APPROVED, AND ADOPTED this 19th day of September, 2016.

Robert C. Gonzales, Mayor

ATTEST:

Elena G. Chávez, City Clerk

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss
CITY OF SAN FERNANDO)

I HEREBY CERTIFY that the foregoing Resolution was approved and adopted at a regular meeting of the City Council held on the 19th day of September, 2016, by the following vote to wit:

AYES:

NOES:

ABSENT:

Elena G. Chávez, City Clerk

ATTACHMENT "B"

I, DAVID BERNAL, on behalf of LOYAL ORDER OF MOOSE (the organization I represent), certify that all foregoing pages in this Special Event Application have been completed. I attest that the information contained herein is accurate, to the best of my knowledge and belief. I attest that I have read all the rules, regulations, and guidelines specified herein and that which is included in this Special Event Application.

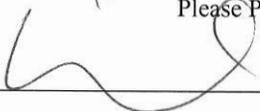
I, acting on behalf of LOYAL ORDER OF MOOSE, (the organization I represent), am authorized to commit that organization to agree to abide by the rules, regulations, and guidelines specified herein, and I will accept all responsibilities for any damage to City Property and/or facilities, any payments for municipal services and/or resources as they have been outlined and as they may be utilized by me and the organization whom I am representing and the patrons who will be served by this Special Event.

Event Title: FALL HARVEST ^{CRAFT} BREW FESTIVAL Event Date(s): 10/22/16 Event Time(s): 3-10 PM
Please Print

Name of Applicant: DAVID BERNAL
Please Print

Title: FESTIVAL ORGANIZER
Please Print

Organization Name: LOYAL ORDER OF MOOSE
Please Print

Signature:  Date: 8/3/2016

General Information

Event Name: FALL HARVEST CRAFT BREW FESTIVAL

Group or Association sponsoring event: _____

Address: _____ City: _____ State: _____ Zip: _____

Event Contact Person(s) Name: DAVID BERNAL

Event Contact Person(s) Phone: [REDACTED] Fax: —

Number of expected participants / attendees per day: 1,500

Event Date(s) / Time(s): 10/22/16 3PM - 10PM

Event Arrival Set-Up Time:

12 PM

Event Completion / Strike Time:

11 PM

Event Location: PARKING LOT 3 @ SAN FERNANDO MISSION BL / CELIS ST

Do you have legal authorization to use the proposed event site? Yes No

Event Category:

(Check all that apply)

- | | | | |
|--|---|---|---------------------------------------|
| <input type="checkbox"/> Sports/Recreation | <input type="checkbox"/> Parade/March | <input checked="" type="checkbox"/> Fair/Festival | <input type="checkbox"/> Race/Walk |
| <input type="checkbox"/> Concert/Performance | <input type="checkbox"/> Outdoor Market | <input type="checkbox"/> Nonprofit Organization | <input type="checkbox"/> Other: _____ |

Is this an annual event? Yes No

How many years have you been holding this event? 0

Location(s) of previous events: N/A

REQUIRED: Emergency Contact: In case of an emergency during the event, a person must be available to be contacted during the hours of the event. Please identify:

Name: DAVID BERNAL

Telephone: [REDACTED]

Cell / Pager: [REDACTED]

Will streets or traffic lanes need to be closed for the event? Yes No

If yes, the applicant shall notify the following:

- The San Fernando Public Works Department- (818) 898-1222
- Dennis Clemons, Inspector - Los Angeles County Fire Department (LAFD), (818) 374-1110

Please Provide the San Fernando Recreation and Community Services Department a Copy of your Fire Permit and Street Closure Permit.

Site Plan & Route Map

A drawing of your event site plan/route map must be submitted and include, but is not limited to:

- An overview of the event venue, including the names of all streets and moving routes of any kind. Indicate the direction of travel and all street or lane closures.
- The provisions for a minimum of twenty-foot (20') emergency access lanes throughout the event venue.
- The location of all first aid facilities.
- The location of all searchlights.
- The location of all stages, bleachers, grandstands, canopies, tents, portable toilets, booths, cooking areas, trash containers, and dumpsters, and other temporary structures.
- Location of generator(s) with source of grounding and/ or source of electricity.
- Identification of all handicapped accessible areas that meet standards, pedestrian access, and requested street closures.

Once the City receives an adequate site plan, if necessary, the City Engineer will provide an appropriate traffic mitigation plan for the proposed event with the following details:

- Traffic Control Plan (TCP)
 - For each sign include the Manual of Uniform Traffic Control Devices (MUTCD) sign number, sign size, sign description, and its location on the TCP.
 - Show size, height, and location of all channelizing devices, warning lights, flag trees, portable barriers, etc. on the TCP. All devices must meet standards specified by MUTCD.
 - Example: Cones no smaller than 700 mm (28 in.) and no farther apart than 12.2 m (40 ft.), include the length of channeling tapers.
 - Consult the Transportation Engineering Division at (818) 898-1222 for any TCP questions.
- Traffic Signal Operation and Equipment
 - Include location of all traffic signals.
 - If special signal timing is required in the TCP, specify ALL changes and their effects.
 - Consult the Transportation Engineering Division at (818) 898-1222 for any signal questions.
- Pedestrian Safety
 - Be sure pedestrians have a safe route to walk and/or are protected throughout the entire traffic control area before submittal of the TCP for review.
 - Show all pedestrian entry and exit paths on the TCP.
- Parking Restrictions
 - The applicant must post City of San Fernando no parking signs 24 hours prior to the event.
 - Contact person for sign information: Community Development Department (818) 898-1327.
- Other event components not listed above.

Traffic Control Site Plan / Parking Plan

- The Site Plan and Route Map is not a substitute to the Traffic Control Plan requirements outlined in the *Manual of Uniform Traffic Control Devices (MUTCD) in the MUTCD California Supplement*. Please refer to this manual as needed in the development of TCPs; <http://mutcd.fhwa.dot.gov> and <http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/supplement.htm>.
- The City Engineer requires approval of all TCPs before any TCP can be implemented.
- Should City staff at the event find potential hazards towards traffic and/or pedestrian safety, they can require the applicant to modify the TCP.

Americans with Disabilities (ADA) Awareness

DEFINITIONS

- The term accessible shall mean ADA compliant.

GENERAL

- Concern should be given to the accessibility of your event's location.
- An event layout map with all elements (such as parking, portable toilets, ramps, seating, accessible paths of travel, etc.) is required with this application.
- All printed material for an event is to include the request for accommodation notice with the international symbol for accessibility, a contact name, and the contact's phone number.
- Requests for accommodation may include material in an alternate format, an interpreter, or assistive listening devices.

BARRIERS

- Concern should be given to elevation changes of more than ¼" vertical or ½" beveled. This classifies as a barrier and requires a temporary ramp.
- All cords, wires, hoses, etc., which are located within a path of travel must be ramped or placed within a cord cover.

PATHS OF TRAVEL

- An alternate path of travel is required when the public right-of-way is obstructed.
- When an alternate path of travel is provided, signage designating the alternate path of travel is required.
- An alternate path of travel must be provided whenever the existing pedestrian access route in a public right-of-way is blocked by temporary conditions.
- Where possible, the alternate path of travel shall be parallel to the disrupted pedestrian access route, and on the same side of the street.
- An alternate path of travel shall have no protrusions up to a height of 80", including scaffolding and scaffolding braces. Where the alternate path of travel is adjacent to potentially hazardous conditions, the path must be protected with a barricade.

PARKING

- If parking is provided for an event, accessible parking is required.
- If no parking is provided for an event, an accessible passenger loading and unloading zone is required.
- Accessible parking, passenger loading, and unloading zones are required to be identified using the international symbol for accessibility.
- Signs with the international symbol for accessibility are to be mounted at a minimum of 60" from the finished floor or the ground.

SALES OR SERVICE COUNTERS

- If sales or service counters are provided for your event, the height must be no more than 36" from the finished floor or the ground, and the width must be at least 36" wide.

ACCESSIBLE ROUTE

- An accessible route is required from the accessible parking, and from the passenger loading and unloading zone to the event entrance.
- An accessible route is required within the event.
- An accessible route must be a minimum of 36" in width.
- Accessible routes must be identified with the international symbol for accessibility, including directional arrows, a minimum of 60" from the finished floor or the ground.
- Temporary ramps that do not exceed 8.33% grade may be required to provide an accessible route.

SEATING

- If seating is provided, accessible seating and companion seating are required.
- Accessible seating and companion seating areas must be identified using the international symbol for accessibility, placed at a minimum height of 60" above the finished floor or the ground.

PORTABLE TOILETS

- If portable toilets are provided, they must be accessible and located on a level area not to exceed a 2% cross-slope in any direction.
- The total numbers of portable toilets that are being provided for the event determines the required number of accessible portable toilets. This number is 10% of the total, but in no event less than one for each location. If a single unit is placed, it must be accessible. The placement of single units will increase the number of accessible portable toilets required for your event.
- An accessible route to each portable toilet is required.
- Accessible portable toilets must be identified with the international symbol of accessibility.

Security Information

Have you made arrangements for security? Yes No

If yes, what form of security will you be using?
(Please check all that apply)

- City of San Fernando Police Department
- Licensed & bonded professional security company
- Other: _____

If using a licensed security company, please complete the following:

Name of Company: _____ Address: _____

City: _____ State: _____ Zip: _____

Daytime Telephone: _____ Evening: _____

Fax: _____ Pager / Cell: _____

Private Patrol Operators License Number: _____

License to carry firearms: Yes No

Marketing / Advertising

Will this event be advertised or promoted? Yes No

If yes, please explain: SOCIAL MEDIA, FLYERS

Will there be media coverage at the event? Yes No

If yes, please explain: _____

Will signs, banners, or searchlights be utilized as a source of advertisement? Yes No

If yes, please explain: BANNERS PLACED AT FESTIVAL LOCATION

Note: Generally, temporary off-site signs, such as banners, A-frames, or other signage within the public right of way, are not permitted. (See City of San Fernando Municipal Code Section 106-(926-939), or contact the City Planning Department at (818) 898-1327 for specific information on signage.)

Entertainment and Related Activities

See City of San Fernando Municipal Code Section 34-(66-69)

Is there any entertainment features related to your event? Yes No

If yes, complete the following or provide an attachment that lists all bands / performers, type of music, time of sound check, and performance schedule.

Number of stages 1

Stage # 1 size notated: Height: 2 1/2' Depth: 20' Width: 32'

Stage # 2 size notated: Height: _____ Depth: _____ Width: _____

Number of performing groups: 4

Please List Performer name(s) and type(s) of Entertainment:

FOZZY'S HERO
MOTORBREATH

Will dressing room areas be provided for the entertainment? Yes No

Size of dressing room area and type:

Will sound checks be conducted prior to the event? Yes No

If yes, Start time: 3 PM Finish time: 4 PM

Will amplification be used? Yes No

If yes, Start time: 4 PM Finish time: 10 PM

Please describe the sound equipment that will be used for the event: P.A. SYSTEM

If using a licensed sound company, please complete the following:

Name of Company: RAT SOUND SYSTEMS Address: 486 CONSTITUTION AVE

City: CAMARILLO State: CA Zip: 93102

Daytime Telephone: (805) 383-0777 Evening: _____

Fax: _____ Pager / Cell: _____

Entertainment and Related Activities (Continued)

Will Generators as a power source be used? Yes No

If yes, what type: _____ How Many: _____

If using a licensed Power company, please complete the following:

Name of Company: _____ Address: _____

City: _____ State: _____ Zip: _____

Daytime Telephone: _____ Evening: _____

Fax: _____ Pager / Cell: _____

Alcohol

City Municipal Code Article I. Sec. 106-(176-183)

Does your event involve the use of alcoholic beverages? Yes No

Please, check all that apply:

- Free / host alcohol
- Alcohol sales
- Host and sale alcohol
- Beer
- Beer and Wine
- Beer, Wine and Distilled alcohol

Will you be hiring a licensed bartender / caterer to serve the alcoholic beverages? Yes No

If yes, please provide the following:

Name of Licensed Bartender / Caterer:

Alcoholic Beverage Control License Number: _____

Telephone Number: _____ Fax: _____

Address: _____

City: _____ State: _____ Zip: _____

Food Concession or Preparation

Will your event include food concessions, booths, and / or food preparation areas? Yes No

If yes, Contact the following:

- Health Department at (818) 902-4460 a minimum of 30 days prior to the event, and describe how the food will be served and / or prepared:
- Los Angeles County Fire Department at (818) 374-1110 a minimum of 30 days prior to the event to obtain a Food Booth Operations Permit.

Please provide copies of the Health Department Event Sponsor Permit and the Fire Department approved Event Permit to the San Fernando Recreation and Community Services Department.

How many food vendor(s) will be at your event? 4

Please attach a food vendor(s) list that includes the following:

- Type of food and preparation required.
- Business Name with Address, City, State and Zip Code.

Restrooms

The Los Angeles County Department of Health Services (DHS) recommends 1 chemical or portable toilet for every 175 women and 1 chemical or portable toilet for every 250 men. At least 1 chemical or portable toilet facility must be ADA accessible (The total numbers of portable toilets that are being provided for the event determines the required number of accessible portable toilets. This number is 10% of the total, but in no event less than one ADA accessible toilet for each location). This figure is based upon the maximum number of attendees at your event during peak time. For the current requirements please contact DHS at (818) 902-4460.

Are you planning to provide rest rooms at the event? Yes No

If yes, please identify the following:

Total number of port -a- toilets: 6

Total number of ADA accessible rest rooms: 8

Setup Date: _____ Time: _____

Pickup Date: _____ Time: _____

Portable Toilet Company Name: _____

Telephone Number: _____ Fax: _____

Address: _____

City: _____ State: _____ Zip: _____

Waste Management

SANITATION AND RECYCLING

The event must be planned and organized to have a minimum impact on the environment. As an event organizer, you must properly dispose of waste and garbage throughout the term of your event and immediately upon conclusion of the event the area must be returned to a clean condition.

California State law requires each City to divert 50% of solid waste from landfill. Republic Services manages the City of San Fernando's solid waste programs. You can help by planning recycling strategies for the waste generated at your event by calling the Public Works Department at (818) 898-1222.

Exclusive franchise agreements require applicants to use Republic Services for garbage removal. Please contact them (1.800) 299-4898 at least 30 days in advance to arrange for service at the event.

Will there be dumpsters? Yes No

If yes, please identify the following:

- Total number of dumpsters / size: 2
- Delivery Date: _____ Time: _____
- Pickup Date: _____ Time: _____

PLACEMENT OF DUMPSTERS

Please explain your plan for clean-up and waste removal during and after the event:

I AM PLANNING TO HAVE 2 DUMPSTERS. 1 IN THE AREA OF THE FOOD VENDORS / BEER GARDEN AND 1 ON THE OPPOSITE SIDE OF THE BEER GARDEN

STORM WATER PROTECTION

Local and State regulations prohibit the discharge of wash water, cleaning water, trash and debris to the Storm Drain System. Please contact the City's Storm Water Protection Program for specific information and assistance with your event planning at (818) 898-1222.

Insurance

As a condition of use of City of San Fernando facilities or City programs, your organization must provide, at your sole expense, each of the following items as indicated:

Proof of insurance comprised of certificates of insurance and original endorsements of **comprehensive general liability insurance** written by one or more responsible insurance companies licensed to do business in California. This coverage must:

1. Name the **City of San Fernando, its officials, officers, directors, employees, agents and volunteers** as **additionally insured** against liability for injury to persons, damage to property and for the death of a person or persons arising or resulting from any act or omission on the part of your organization, its agents or employees.
2. Include liability coverage for claims made by participants in your event/program. You are advised that any and all **exclusions** pertaining to athletic or recreational events/programs must be disclosed in the endorsement and failure to do so will not necessarily insulate your organization from individual liability for claims made as a result of the use of the facilities and your event/program.
3. Be **PRIMARY** insurance with respect to the additionally insured named above. Any other insurance available to the **City of San Fernando, its officials, officers, directors, employees, agents and volunteers** shall be excess and noncontributing.
4. The comprehensive general liability insurance policy limits of such insurance shall not be less than **\$1,000,000 per occurrence for bodily injury, personal injury and property damage.**

Any deductible or self-insured retention must be identified and approved by the City. In the event the deductible is deemed to be too great, the City may require you to have your insurer eliminate the deductible or reduce it.

5. You must satisfy these requirements by furnishing the City with certificates of insurance and original endorsements affecting the required coverage. The certificates and endorsements are to be on ISO-approved forms. The City will not accept a Certificate of Insurance alone as proof of insurance coverage. The original endorsement must specifically list the following:

"The City of San Fernando, its officials, officers, directors, employees, agents, and volunteers are additionally insured against liability for injury to persons, damage to property and for the death of a person or persons arising or resulting from any act or omission on the part of your organization, its agents or employees.

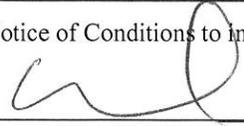
This insurance is primary with respect to the additionally insured. Any other insurance available to the City of San Fernando, its officials, officers, directors, employees, agents, and volunteers shall be excess and noncontributing."

You are strongly urged to show this Notice of Conditions (including the precise wording of these requirements) to your insurance agent or broker. Doing so will help you, your agent, and the City process the proper documents in a timely manner.

If you are not able to obtain this insurance, the City may be able to provide you with an insurance quote through *Diversified Risk Insurance Brokers*, for the event coverage.

You must provide the City with the endorsement 14 days prior to the start of your event/program. Each endorsement shall be subject to approval by the City of San Fernando as to form and as to insurance company.

Please sign and return this original Notice of Conditions to indicate your receipt and understanding of each of the conditions listed above.

Signature of Designated Official  Dated _____

Title FESTIVAL ORGANIZER

Organization's Name _____

Hold Harmless Agreement

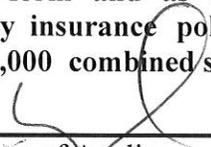
HOLD HARMLESS AND INSURANCE AGREEMENT

By my signature below, I hereby agree to and represent the following:

DAVID BERNAL, as a condition of use of City of San Fernando facilities on the date of 10/22/16, hereby agrees to, and shall, defend, indemnify, and hold harmless the City of San Fernando, its officials, officers, directors, employees, volunteers and agents from and against any or all loss, liability, expense, claim, costs, suits and damages of every kind, nature and description, directly or indirectly, arising from usage or activities for which Special Event Permits are granted.

DAVID BERNAL will take full responsibility for seeing that use of City facilities is in full adherence and compliance with all applicable City rules and conditions and the requirements of State Law.

On the date(s) of 10/22/16, commencing at 12:01 a.m. and expiring at 12:00 midnight, DAVID BERNAL will at its sole expense, maintain in full force and effect a policy or policies of comprehensive general liability insurance written by one or more responsible insurance companies licensed to do business in California, that will insure DAVID BERNAL, and the City of San Fernando as an additional insured, against liability for injury to persons or property and for death of any person or persons with respect to usage or activities under the permit. Each such policy shall be subject to approval by City of San Fernando as to form and as to insurance company. The comprehensive general liability insurance policy limits of such insurance shall not be less than \$2,000,000 combined single limit.



Signature of Applicant Dated _____

FESTIVAL ORGANIZER

Title

ATTACHMENT "C"

702 4th St

San Fernando, CA 91340

09/12/2016

Dear Mayor Gonzales and City Council,

I am writing this letter to ask for the City of San Fernando to act as a Co-Sponsor for the San Fernando Fall Harvest Craft Beer Festival being held at Parking Lot 3 on October 22, 2016.

As you very well know, the community has embraced San Fernando Brewing Company and I think it would be a good idea to ride that momentum. Therefore, I am planning to use this festival to bring people in from all over Los Angeles County to see our beautiful city and potentially lure prospective business owners to San Fernando. I have breweries attending from Downtown LA, Ventura and Palmdale amongst other areas. Along with those breweries, come their followers. And that's where I think we can get the wanted attention to our city that we are looking for.

In organizing this event, I have realized that the costs involved in organizing an event this size are higher than I originally anticipated. And since I am personally financing this event, I have come to the conclusion that I could use some help from the City of San Fernando in reducing the overall cost of putting this event together. So, if the City Council were so inclined, I would ask that the Council would vote to cover the "soft" costs pertaining to putting this festival together. Soft costs being staff time, public works overtime costs and the cost of having San Fernando Police Department present.

With the success of this festival, hopefully we can continue to host festivals like this and continue to grow as a community and make San Fernando the destination city that it should be.

Thank you for your consideration.

Sincerely,

David Bernal

Festival Organizer



ATTACHMENT "D"**RESOLUTION NO. 6904****A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAN FERNANDO, AMENDING THE STANDARD MANAGEMENT PROCEDURE REGARDING USE OF CITY SEAL**

WHEREAS, the City Council adopted a standard management procedure for the use of the City seal on August 3, 1987.

WHEREAS, the City Council desires to revise the procedure to limit the use of the City seal, as provided in this resolution.

WHEREAS, it shall be City policy that the City seal, as described in Municipal Code Section 1-13, shall only be used as provided in this policy. The purpose of this policy is to:

- A. Ensure that the City seal is not used for inappropriate events and affairs.
- B. Control use of the City seal so as to prevent unauthorized use, which could imply City participation, support, or sponsorship in commercial, political, or non-City events.

THE CITY COUNCIL OF THE CITY OF SAN FERNANDO HEREBY FINDS AND RESOLVES:

The City has designated an official seal, which serves to identify City involvement in some manner. Typically, the seal is used on City stationary, City vehicles, brochures and other information. It is important that some guidelines be followed so that the seal be used in an appropriate manner. Therefore, the following guidelines shall be followed pertaining to the City seal:

1. The City seal may be used on all City related literature, material, vehicles, etc., and for City sponsored or co-sponsored functions and events.
2. The City seal may be used on t-shirts, hats, calendars and other like material when sponsored by the City upon approval of the City Administrator.
3. The City seal may not be used by organizations other than the City without prior approval of a majority of the City Council.
4. The City seal may not be used for political or commercial purposes.
5. In cases where it is unclear whether a proposed use of the seal is appropriate, three members of the City Council must approve the use as a scheduled item on a City Council agenda.

PASSED, APPROVED and ADOPTED this 5th day of May, 2003.

Dr. José Hernández
Mayor José Hernández, Ph.D.

ATTEST:

Elena G. Chávez
Elena G. Chávez, City Clerk

APPROVED AS TO FORM:

Michael Estrada
Michael Estrada, City Attorney

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss.
CITY OF SAN FERNANDO)

I, Elena G. Chávez, City Clerk of the City of San Fernando, do hereby certify that the foregoing Resolution was duly adopted by the City Council of the City of San Fernando and signed by the Mayor of the City of San Fernando at a regular meeting held on the 5th day of May, 2003; and that the same was passed by the following vote:

- AYES: Hernández, De La Torre, Veres, Ruelas, Martinez - 5
- NOES: None
- ABSENT: None

Elena G. Chávez
Elena G. Chávez, City Clerk

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AGENDA REPORT

To: Mayor Robert C. Gonzales and Councilmembers

From: Councilmember Jaime Soto

Date: September 19, 2016

Subject: Appointments to City Commissions

RECOMMENDATION:

I recommend that the following individuals be appointed as my representatives to the City Commissions:

a. Transportation and Safety Commission

Jennifer Helliwell, City of San Fernando resident and registered voter

b. Recreation & Community Services Commission

Pilar Enriquez, City of San Fernando resident and registered voter

BUDGET IMPACT:

None

ATTACHMENT:

A. Bios

September 2016 | [REDACTED]



Pilar Enriquez

Biography

Pilar is an enthusiastic and innovative executive professional with extensive experience in event planning, coordination of meetings, workshops, and team building events. Pilar is an active executive assistant behind-the-scenes partner to the CFO and senior level management, contributing both on the administrative side, day-to-day business operations and long-term business development planning.

Pilar moved from East LA to the San Fernando Valley in the early 90s, purchased her first family home in the City of San Fernando. She has been married for the last 30 years and has raised three wonderful children, two of them are currently pursuing their bachelor's degrees, and one has completed an associates degree. She is also a proud grandmother to her oldest daughter's little boy.

Pilar has recently returned to college to pursue and complete a higher level of education, which she put on hold when she got married and decided to raise a family. In her youth, Pilar traveled around Latin America as a missionary preaching the gospel. She earned a full scholarship to study in a Bible College located in La Puente, California; Pilar came to this country as a student. After obtaining her Associate of Arts in Biblical and General Studies, Pilar continued her work as a missionary in the United States building Hispanic churches and helping orphanages on the Mexican border.

Pilar believes in giving back to the community and non-profit organizations. Organizations helping children hold a special place in her heart. She is passionate about community service and involvement.

In her free time, Pilar loves to spend time with her family. She also likes hiking, dancing, socializing, taking pictures, and creating graphic designs. Her dream is to travel around the world and to make a difference in many children's lives.



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AGENDA REPORT

To: Vice Mayor Joel Fajardo and Councilmembers

From: Robert C. Gonzales, Mayor

Date: September 19, 2016

Subject: Consideration of Vin Scully Day Proclamation

RECOMMENDATION:

I have asked that an item be placed on the agenda for City Council consideration to declare September 23, 2016 as Vin Scully Day in the City of San Fernando (Attachment "A").

This year marks Vin Scully's 67th and final season of broadcasting with the Los Angeles Dodgers. The Dodger organization has asked that cities throughout Southern California declare September 23, 2016 Vin Scully Day, honoring his contributions to baseball. In addition, they are encouraging cities to participate in the #VinScullyDay social media campaign by posting a message, video, and/or photo via social media expressing appreciation for Mr. Scully the morning of Friday, September 23rd. Their hope is to show Mr. Scully how he has positively impacted baseball fans throughout Southern California over his 67 year career.

ATTACHMENT:

A. Proclamation



Proclamation

VIN SCULLY DAY

September 23, 2016

WHEREAS, Vincent Edward "Vin" Scully, born November 29, 1927, has become the song of summer for many generations of Los Angeles Baseball fans and aficionados of excellence in sports broadcasting; and

WHEREAS, Mr. Scully is best known as the play-by-play announcer for the Los Angeles Dodgers MLB team and has been with the team since its days in Brooklyn; and

WHEREAS, his 67 seasons with the Dodgers are the longest time any broadcaster has been with a single team in professional sports history; and

WHEREAS, Mr. Scully currently calls most Dodger home games (and select road games) on television and radio and is known for his dulcet voice, descriptive style, and signature introduction to Dodger games:

"It's time for Dodger baseball!"

WHEREAS, Mr. Scully's optimism and lyrical style has earned him a spot in the Sports Broadcasting Hall of Fame in New York City, as well as the California Sports Hall of Fame; it has also made him one of the best – if not the best – sports broadcaster of all time.

NOW, THEREFORE, THE SAN FERNANDO CITY COUNCIL DOES HEREBY PROCLAIM September 23, 2016 to be #Vin Scully Day and in doing so we urge every resident to take time to appreciate the treasure that is Vin Scully and the positive impact to baseball fans he exhibited throughout his 67 year career.


 ROBERT C. GONZALES
 MAYOR


 JOEL FAJARDO
 VICE MAYOR


 ANTONIO LOPEZ
 COUNCILMEMBER


 SYLVIA BALLIN
 COUNCILMEMBER


 JAIME SOTO
 COUNCILMEMBER

September

19, 2016

THE CITY OF
SAN FERNANDO