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COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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IN REPLY PLEASE
REFER TO FILE:

November 30, 2021

Mr. Sam Gutierrez
Director of Public Works
City of Baldwin Park
14403 East Pacific Avenue
Baldwin Park, CA 91706-4297

Attention John Bashay

Dear Mr. Gutierrez:

SEWER SYSTEM MANAGEMENT PLAN 5-YEAR UPDATE AND RECERTIFICATION

As requested, enclosed are two copies of the updated Sewer System Management Plan (SSMP) for the City of Baldwin Park.

In accordance with Section D14 of the Statewide General Waste Discharge Requirements Permit, you must complete the following steps to finalize the 5-year SSMP recertification process:

1. Present the updated SSMP to City Council for adoption
2. Following adoption by your City Council, log into the California Integrated Water Quality System and fill out the Completion Data and Certifier's Information portions of the SSMP Certification form.
3. Print and send the completed form to:

RECEIVED

DEC 07 2021

**CITY OF BALDWIN PARK
ENGINEERING DIVISION**

Attention Sanitary Sewer Overflow Program Manager
State Water Resources Control Board
Division of Water Quality
P.O. Box 100
Sacramento, CA 95812

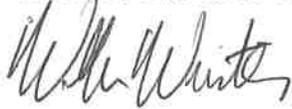
Mr. Sam Gutierrez
November 30, 2021
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4. Upload a copy of the certified SSMP to the City's website and add a downloadable link of the SSMP to the California Integrated Water Quality System.

If you have any questions, please contact Mr. Alex Villarama, Sewer Maintenance Division, at (626) 300-3374 or avilla@pw.lacounty.gov.

Very truly yours,

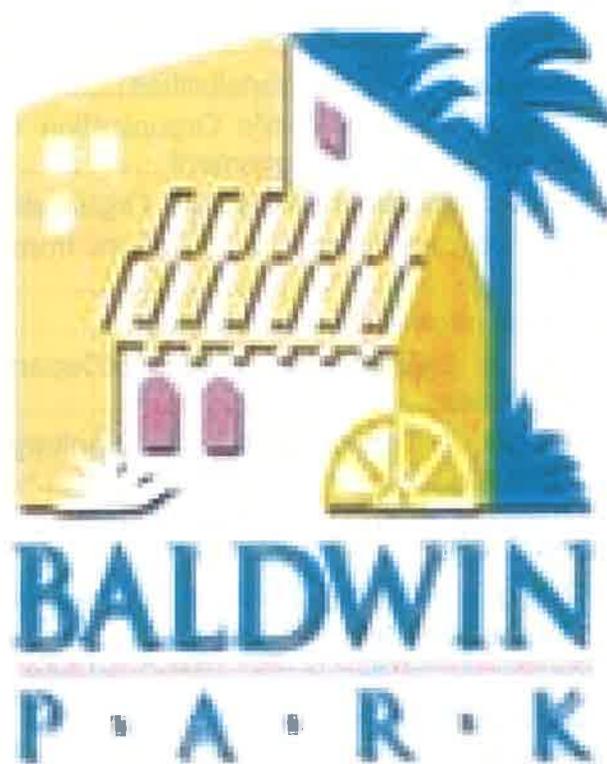
MARK PESTRELLA, PE
Director of Public Works



WILLIAM J. WINTER
Assistant Deputy Director
Sewer Maintenance Division

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CITY OF BALDWIN PARK SEWER SYSTEM MANAGEMENT PLAN



2021

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ABBREVIATIONS/ACRONYMS

ACO	Accumulative Capital Outlay Program
CADD	Computer Aided Design and Drafting
CIWQS	California Integrated Water Quality System
CCTV	Closed-Circuit Television
CMCs	City Municipal Codes
CSMD	Consolidated Sewer Maintenance District
Districts	Sewer Maintenance Districts
FOG	Fat, Oil, and Grease
GIS	Geographic Information System
I/I	Infiltration Inflow
LACPW	Los Angeles County Public Works
LACO TITLE 20	Los Angeles County Code Title 20 – Utilities
LACO TITLE 28	Los Angeles County Plumbing Code – Title 28
MMS	Maintenance Management System
RWQCB	Regional Water Quality Control Board
SMD	Sewer Maintenance Division
SO&M	Sewer Operation and Maintenance
SSMP	Sewer System Management Plan
SSOs	Sanitary Sewer Overflows
SU	Sewage Unit
SWRCB	State Water Resources Control Board
WDRs	Waste Discharge Requirements

CITY OF BALDWIN PARK

SEWER SYSTEM MANAGEMENT PLAN (SSMP)

INTRODUCTION

On May 2, 2006, the State Water Resources Control Board (SWRCB) adopted a Statewide General Waste Discharge Requirements (WDRs) and a Monitoring and Reporting Program (MRP) for sanitary sewer systems by issuing Order No. 2006-0003 and Order No. 2013-0058EXEC (revised) respectively (Appendix A). The regulations in the order were in response to growing public concern about the water quality impacts of sanitary sewer overflows (SSOs), particularly those that cause beach closures, adversely affect other bodies of water, or pose serious health and safety or nuisance problems.

Two major components of the WDRs require the following:

- (1) The owners/operators of publicly owned sewer collection systems, a mile long or greater, must apply for coverage under the WDRs.
- (2) The owners/operators must develop and implement a Sewer System Management Plan (SSMP) specific to the sanitary sewer system.

In accordance with the first element of the WDRs, the City of Baldwin Park (City) filed a Notice of Intent Application form with the SWRCB on October 31, 2006. The City subsequently received a Username and Password for electronic access to the California Integrated Water Quality System (CIWQS) database. Within the database-reporting program, the City completed a "collection system questionnaire" and must continually file all subsequent updates and all required SSO reporting.

In compliance with the second element, this document was prepared to meet the objectives contained in the WDRs order. The County of Los Angeles Consolidated Sewer Maintenance District (CSMD) provides operation and maintenance services for the City's sewer facilities; therefore, some components of the City's SSMP may be similar to those of the Sewer Maintenance Districts (Districts). This document is divided into 12 chapters, which closely align with the respective provisions contained in the WDRs. Every section or subsection of each chapter addresses one of the key elements of the SSMP directive.

This document, in conjunction with other existing agency programs referenced herein, constitute the City's SSMP. By implementing the procedures contained in this SSMP, the occurrence of SSOs should be minimized to the greatest extent practicable throughout the City's sanitary sewer collection system.

CHAPTER 2

DESCRIPTION OF THE ORGANIZATION

2.1 Management

The City serves a population of approximately 74,600 people. The City's Public Works Department manages the City's sanitary sewer collection system. The collection system consists of about 104 miles of gravity sewer lines and 3 pump stations. The City's local sewer discharge into the Sanitation Districts of Los Angeles County facilities for conveyance, treatment, and disposal.

The City has one budgeted management position directly involved in sewer system responsibilities. Although the City does not have other budgeted positions, staff from the Engineering and Maintenance Divisions work on the program, from permitting for the industrial Waste Program/inspections to responding when SSO's occur. Reporting is also done by the Engineering Division. The field operation and maintenance services are fulfilled by utilizing the services provided by the CSMD, which is managed by the Los Angeles County Public Works (LACPW).

The distribution of the City administrative personnel and the contracted services are depicted in the organization chart presented in Sections 2.3.1a and described in Section 2.3.2 of this document. These personnel, assisted by key support services noted in Section 2.3.3, administer the Sewer Service Charge Ordinance, carry out annexation proceedings for new territories, form and dissolve service zones, maintain facility record plans, and administer preventive maintenance and sewer construction programs.

These personnel, in collaboration with LACPW personnel, administer the City's sewer collection system operation, provide engineering evaluation of proposed and existing sewer facilities, administer preventive maintenance and sewer construction programs, and oversee the maintenance of sewer collection system facilities and related records and plans.

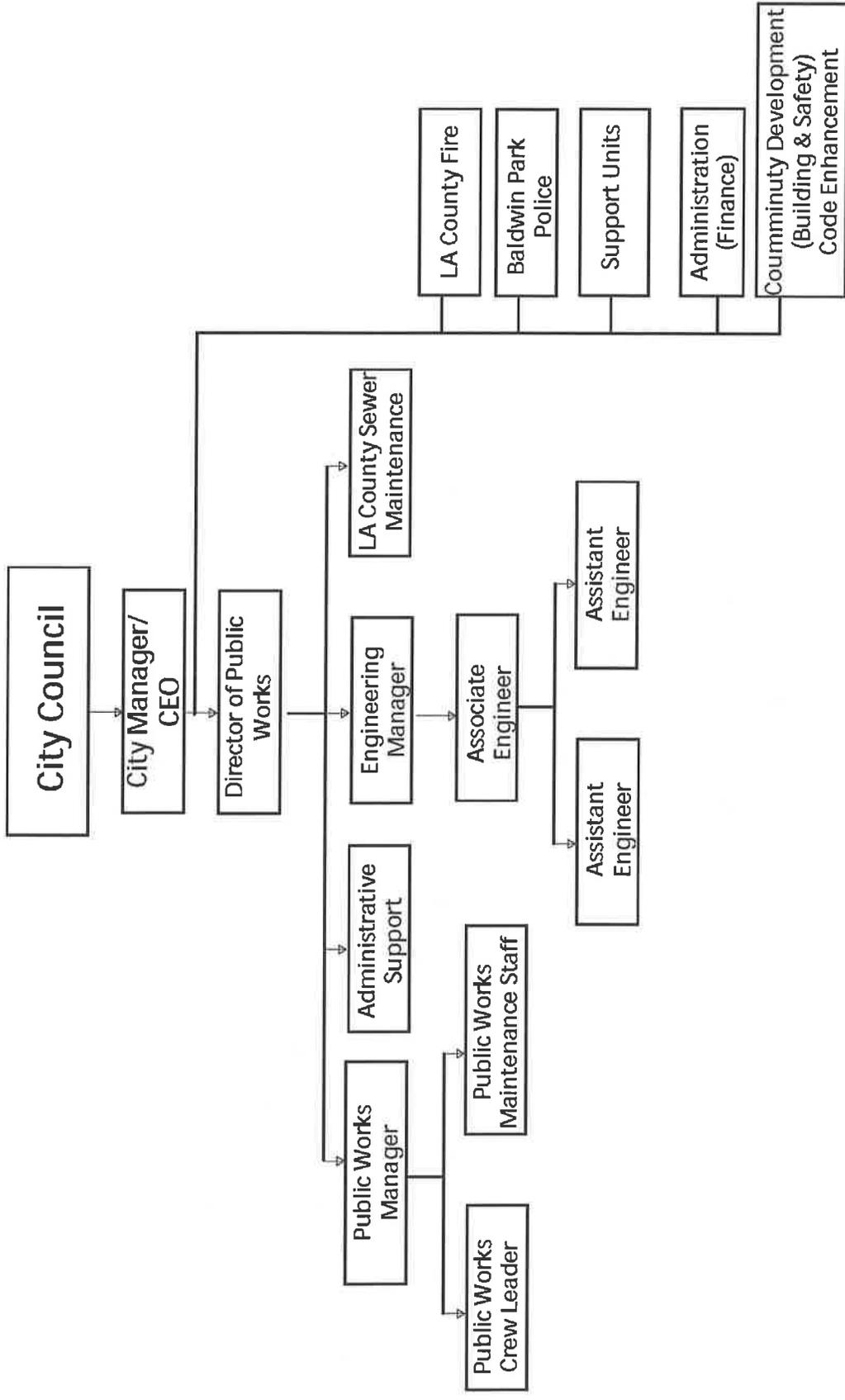
2.2 Authorized Representative

The City's City Manager or City Engineer in concert with designated LACPW staff are the authorized representatives responsible for the execution of compliance actions required under the WDRs. This includes, but is not limited to, execution and certification of all reports and correspondence as required under the order.

2.3 Organization Chart and Responsibilities

The organization chart showing the structure and relationship of the City and LACPW administrative, management, and field positions relative to Sewer Operation and Maintenance (SO&M) is presented in Sections 2.3.1a,

2.3.1a City of Baldwin Park Organization Chart for Sanitary Sewer System Management



**2.3.1c ORGANIZATIONAL CHART WITH NAMES AND
PHONE NUMBERS**

Baldwin Park		
Director of Public Works	Sam Gutierrez	(626) 960-4011 x460
Engineering Manager	John Beshay	(626) 960-4011 x459
Public Works Manager	Anthony Vazquez	(626) 813-5255

2.3.2 Description of Responsibilities

The description of responsibilities or roles of each position, especially as related to SSOs, are as follows:

- **City Council** – The City Council has final authority over all aspects of the City, generally delegates the day-to-day functions of the City to the City Manager. Responsible for establishing new and amending existing laws and regulations governing the operations of the City's sewer system.
- **City Manager** – Responsible for the overall management and application of all legal policy directives that relate to the City's activities, including the operation and maintenance of the City's sewer system.
- **Director of Public Works** – Directs the accomplishment of statutory and policy criteria within the scope of the City Council's policy and legal requirements. Directs its execution and evaluates work accomplished within his areas of responsibility, including the SO&M Program. Also directs the planning, budgeting, design for the construction of a new sewer collection system, and rehabilitation of the existing sewer collection system. Facilitates all sewer collection system operation and maintenance activities through the contract with LACPW. Responsible for the day-to-day management and operation oversight of the City's sewer collection system, including the two sewer pump stations.
- **Engineering Manager** – Directs engineering and management activities relating to studies, designs, investigations, and the preparation of reports, budget, and contractual agreements with private firms for technical services projects. Performs special studies, investigations, and reports concerning sewer infrastructure. Also performs a wide range of professional and complex civil engineering work in redesign, construction, and management and maintenance of public works projects; acts as the City Engineer in his/her absence; and performs other duties as assigned.
- **Facilities and Maintenance Superintendent** – Has oversight of all contracted maintenance and repair services for City facilities.
- **Office Administrative and Clerical Assistants** – Assist in the preparation of reports, budgets, and other correspondence; and coordinate and facilitate City and contract personnel in addressing local citizen issues relative to sewer service.

- LACPW – Sewer Maintenance and Environmental Programs Divisions provide critical services to the City to address the mandates of the WDRs. Sewer Maintenance Division is responsible for operational maintenance services of the City's sewer collection system, including cleaning, closed-circuit television (CCTV) inspection, manhole inspection, and repairs.
- County of Los Angeles Fire Department – Responsible for assisting with protecting the public in the event of an SSO that expands into high-use public travel ways and/or those that reach storm drains or water courses and spread the effect of public risk to health and safety impacts.
- County of Los Angeles Sheriff's Department – Responsible for operating the Emergency Operation Center for the entire City, including handling after-hour service calls reporting SSOs, pump station malfunction calls, and forwarding those reports to the LACPW.

2.3.4 Chain of Communication for SSO Reporting

The chain of communication for reporting SSOs, from receipt of a complaint or other reliable information source to reporting to the appropriate regulatory agencies is presented in Section 2.3.4a. The City's contact directory for communicating with both internal and external parties involved in responding and reporting an SSO event is shown in Section 2.3.5. The SSO emergency response plan will be discussed in greater detail in Chapter 6 of this document.

2.3.5 City's Contact Directory for SSO Responding and Reporting

<u>After-Hour or Responsible Party</u>	<u>Name</u>	<u>Telephone</u>	<u>After-Hours or Cell Phone</u>
Sam Gutierrez	Director of Public Works	(626) 960-4011	x460
John Beshay	City Engineer	(626) 960-4011	x459
Anthony Vazquez	Public Works Manager	(626) 813-5255	(626) 224-0100
LA Co. Sheriff Department	Watch Commander	(626) 960-1955	911
LA Co. Fire Department	Battalion Commander	(626) 337-0525	911
LA Co. Public Works	24-hour Dispatch	(626) 458-4357	(800) 675-4357
LA Co. Environmental Programs Division	24-hour Dispatch	(626) 458-4357	(800) 675-4357
LA Co. Road Maintenance Division	24-hour Dispatch	(626) 458-4357	(800) 675-4357
LA Co. Health Department		(213) 974-1234	
LA Co. Sanitation District		(562) 699-7411	
LA Co. Stormwater Maintenance District		(626) 445-7630	
R.W.Q.C.B. (Region 4)		(213) 576-6600	
State O.E.S.		(800) 852-7550	

combined constitute the City's legal authority to prevent illicit discharges into the sewer system.

3.1.2 Legal Authority to Require that Sewers and Connections be Properly Designed and Constructed

LACO TITLE 20, Sections 20.32.330 and 20.32.340, as adopted by the City, requires that the design of new mainline sewers and pumping plants, respectively, comply with Part 3 of Chapter 20.32 of LACO TITLE 20. Section 20.32.350 of LACO TITLE 20 requires that the design of new house laterals also conform to the requirements of Part 3, Chapter 20.32, of LACO TITLE 20. In accordance with LACO TITLE 20, Section 20.32.580, the construction of a collection sewer system is required to conform to all the requirements prescribed by Division 2 of LACO TITLE 20, Standard Specifications for Public Works Construction ("Green Book"), and Special Provisions and Standard Plans, all on file in the City Manager's/City Engineer's office. The inspection of new mainline sewers and pumping plants to ensure proper construction is covered under Section 20.30.590 of the LACO TITLE 20 and regulated under the CMCs.

3.1.3 Legal Authority to Ensure Access for Maintenance, Inspection, or Repairs

LACO TITLE 20, Division 2, as adopted by the City gives the City the legal right to set requirements to allow unrestricted maintenance access to the public sewer infrastructure located on private property. In accordance with Section 20.32.430 of LACO TITLE 20, the access is secured through the City's enforcement of the requirement for legally recorded sewer easements around all public sewer appurtenances located in private properties. Sewer easements are detailed on the sewer construction plans and are thoroughly reviewed by the City and LACPW for adequacy in size and accuracy of alignment during the plan check process. Plan checkers take special care to ensure that maintenance crews will have sufficient access for the movement of equipment and materials for routine and emergency repairs or construction work on the system.

3.1.4 Legal Authority Limiting the Discharge of FOG and other Debris that May Cause Blockage

The City, by adopting CPC and LACO TITLE 20, has the legal authority to satisfy this element of the WDRs. Section 1014.1 of the CPC states that where it is determined by the City's waste pretreatment is required, and an approved grease interceptor shall be installed. Section 714.1 of CPC prohibits the discharge of FOG and other substances that may, among other things, clog, obstruct, fill, or necessitate frequent repairs, cleaning out, or flushing of sewer facilities in the City's sewer system.

CHAPTER 4

OPERATION AND MAINTENANCE PROGRAM

4.1 Preventive Maintenance Program

The City is within the CSMD and, therefore, relies on the staff and resources of LACPW for the SO&M of its collection sewer system. The CSMD's SO&M Programs described in detail in the Districts' SSMP are applicable in the City. The CSMD East Yard (Appendix B) located at 2849 South Myrtle Avenue in the City of Irwindale provide services to the City. In addition, personnel from the other four sewer maintenance yards, shown in Appendix B, provide after-hour services, such as standby, callback, and other sewer emergency services, to the City. The maintenance equipment utilized within the City is owned by the CSMD. A complete inventory of the CSMD equipment assigned to the East Yard is presented in Appendix C.

The City's maintenance programs are funded through levying an annual sewer service charge of \$41.50 per equivalent single-family dwelling unit, otherwise called a sewage unit (SU). This is included in the \$50.50 per SU levied by the CSMD and collected with the annual tax bills of property owners in the cities that are within the CSMD. The total annual revenue generated from the City for the various sewer programs through the \$50.50 per SU charge is approximately \$1,068,000. These funds are managed and administered by the LACPW and reviewed and adjusted annually to ensure sufficient revenues to fund the maintenance programs.

The following is a summary of the CSMD preventive maintenance activities implemented by the CSMD within the City:

4.1.1 Sewer Line and Manhole Inspection

The interior and exterior of manholes are inspected semiannually for any structural defects, sewage flow condition, presence of vermin or rodents, deleterious industrial waste, odors, and any signs of unusual settlement around the manhole and along sewer alignments.

4.1.2 Gas Trap Manholes and Siphons

On a monthly basis these facilities are inspected and cleared of any stoppages or flow restrictions.

4.2 Rehabilitation and Replacement Plan

The City's sewer collection systems are in the CSMD, and the City participates in the CSMD's Accumulative Capital Outlay (ACO) Program. As a result, the City also benefits from the Sewer Condition Assessment Program.

4.2.1 ACO Program of the CSMD

As stated, the City participates in the ACO Program of the CSMD. Property owners within the CSMD are levied an annual charge of \$5 per SU for sewer collection system rehabilitation and replacements. The \$5 per SU charge is also a component of the total \$50.50 per SU annual sewer service charge collected from property owners districtwide with the property owners' annual tax bills. The program is managed and administered by LACPW.

Under the ACO Program, any portion of the sewer system found to be structurally deficient through routine inspection, sewer emergency response, or the Condition Assessment Program is immediately repaired as an emergency repair project or documented in a prioritized list of future short- and long-term ACO sewer rehabilitation and replacement projects. However, LACPW will refer portions of the system that have sewer capacity-related problems, such as hydraulic deficiencies, resulting from over development or change in the zoning, to the City for appropriate corrective action. There are currently no known capacity-related SSO problems in the City.

4.2.2 Condition Assessment Program

As described earlier in this document, the City is within the CSMD and participates in the CSMD's Condition Assessment Program. Property owners within the CSMD are assessed an annual fee of \$4 per SU for sewer system condition assessment. This charge is part of the current annual sewer service charge of \$50.50 per SU levied and collected with the property owners' annual tax bills for the CSMD. This charge is reviewed and adjusted annually by LACPW to raise sufficient funds for the Condition Assessment Program. Under the Condition Assessment Program, the entire sewer collection system within the City is inspected by CCTV to assess the condition of the pipes on a ten-year cycle basis. The CCTV inspection schedule for the City is presented in Appendix E. The Condition Assessment Report for the City is located on the SMD website: <https://pw.lacounty.gov/smd/cctv/city/>. LACPW is responsible for the management and administration of the funds and program.

CHAPTER 5

DESIGN AND PERFORMANCE PROVISION

5.1 Design and Construction Standards and Specifications

The City requires that all sewers be designed in accordance with LACPW standards. LACPW has standard plans and specifications for construction of sanitary sewers and appurtenances to ensure that sewer lines and connections are properly designed and constructed. LACPW specifications by reference incorporate the Standard Plans and Specifications for Public Works Construction, Special Provisions, and Standard Drawings. In addition, LACPW has other publications, such as the Private Contract Sanitary Sewer Procedural Manual, Guidelines for the Design of Pump Stations, etc., to ensure consistency in the design of collection systems within unincorporated County areas. The City requires that these publications also be followed in the design of sewer systems within the City. To further ensure that sewer facilities are properly designed, the City requires construction drawings be prepared by licensed engineers. The construction drawings are thoroughly reviewed by the City and SMDs engineers prior to approval for construction and inspection of the actual construction work. SMD reviews plans to ensure that appropriate maintenance standards are integrated into the design from a maintenance standpoint only.

5.2 Procedures and Standards for Inspection and Testing New and Rehabilitated Collection Sewer Facilities

The City provides inspection by outsourcing to qualified consultants for the inspection of new sewer construction projects. The inspection of sewer rehabilitation projects under the ACO Program are conducted by LACPW inspectors. The City requires that "as-built" plans of the completed projects be submitted prior to final approval for acceptance of sewer facilities for public use.

In compliance with LACPW policy, the City also requires that all newly constructed pumping stations be inspected by experienced SMD staff prior to transferring such facilities to the CSMD for maintenance.

6.1.1a Regulatory Agencies Notification and Time Frame Table

SSO Category	Type or Description	Agencies to be Notified	Type of Notification and Timeframe	
			Timeframe	Written Report/*Online Database
1	Any volume of untreated or partially treated SSO: <ul style="list-style-type: none"> Reach surface water and/or drainage channel tributary to surface water Discharge to a storm drain and not fully captured and returned to the sanitary sewer system or not captured and disposed of properly. Any volume not recovered from storm drain is considered to have reached surface water. 	DPH	Within 15 minutes after becoming aware of the spill.	Call and obtain operator number.
		OES (≥ 1,000 gallons)	As soon as possible, but no later than 2 hours after becoming aware of the spill.	Call and obtain control number.
		SWMD (only if entered into storm drain)	As soon as possible, but no later than 2 hours after becoming aware of the spill.	NA
		EPD (≥ 50,000)	As soon as possible, but no later than 2 hours after becoming aware of the spill.	Conduct Water Quality Sampling within 48 hours of initial spill. CIWQS Online Database – Upload water quality results. SSO Technical Report – Submit report within 45 calendar days on conclusion of SSO in which 50,000 gallons or greater are spilled to surface water.
		SWRCB	As soon as we become aware of the SSO, reporting is possible and can be provided without substantially impeding cleanup or other measures.	CIWQS Online Database Initial Report - ASAP but no later than initial 3 business days after we are made aware of it. Final Certified Report – Within 15 calendar days on conclusion of the SSO response and remediation. Additional Information – Anytime in form of an attachment.
2	≥ 1,000 gallons of Untreated or partially treated SSO: Does not reach surface water, drainage channel or storm drain unless discharge to storm drain system is fully recovered and disposed of properly.	DPH	Same as above	NA
		SWMD (only if entered into storm drain)	Same as above	NA
		SWRCB	Same as above	Same as above
3	All other discharge of untreated or partially treated resulting from sewer system failure or flow condition.	DPH	Same as above	NA
		SWRCB	Same as above	CIWQS Online Database – Within 30 days after the end of the calendar month in which the SSO occurred.
PLSD	Private lateral sewage discharge (PLSD) caused by blockages or other problems within a privately-owned lateral	DPH	Same as above	NA
		SWRCB (optional)	NA	NA
NA	No SSO in a calendar month	SWRCB	NA	CIWQS Online Database – Certified within 30 days after the end of the calendar month, certified statement that no SSO occurred.
NA	Collection System Questionnaire	SWRCB	NA	CIWQS Online Database - Update and certify every 12 months.

6.1.2 Procedure to Ensure that Staff and Contractors are Aware and Appropriately Trained to Follow the Emergency Response Plan

The procedure to ensure that staff and contractors are aware and appropriately trained to follow the Emergency Response Plan is mainly the function of LACPW. City staff, however, is familiar with the SMD reporting procedures, which are included in the Districts' SSMP.

6.1.3 Procedure to Address Emergency Operations such as Crowd Control and Other Necessary Response Activities

The City does not play a significant role in addressing emergency operations. Emergency operations are performed by LACPW staff or contractors doing emergency repair SSO-related work for the County or City. The County of Los Angeles Fire and Sheriff's Departments also play active roles in the control and protection of the public during emergency SSO operations.

6.1.4 Program to Eliminate or Minimize the Discharge of SSOs into Surface Water

One of the main functions performed by LACPW for the City is to eliminate or minimize the discharge of SSOs into surface water. The City's role is limited to ensuring that their collection system has sufficient capacity for all operating conditions and ensures that LACPW staff is promptly notified of SSO events when they occur.

7.4 Requirement to Install Grease-Removal Devices, Design Standards for Grease-Removal Devices, Maintenance Requirements, Best Management Practices Requirements, Recordkeeping, and Reporting Requirements

The City is charged with the responsibility of enforcing the City's FOG Control Ordinance. The design standards for the grease-removal devices are contained in the 2019 California Plumbing Code.

7.5 Authority to Inspect Grease-Producing Facilities, Enforcement Authorities, and Evidence of Adequate Staffing to Inspect and Enforce the FOG Ordinance

LACO TITLE 20, Section 20.24.090, as adopted by the City, gives the City Manager the authority to inspect grease-producing facilities for compliance with permit requirements.

7.6 Cleaning Schedule for Identified FOG-Prone Sewer Segments

The cleaning schedule for identified FOG-prone sewer segments is performed by the CSMD for the City. The methods used by CSMD staff are described in the Districts' SSMP.

CHAPTER 9

MONITORING, MEASUREMENT, AND MODIFICATION PROGRAM

9.1 Monitoring

The City will document all relevant data on SSOs that occurred in the City. This will include quarterly SSO reports from LACPW, Annual Reports publish by LACPW, Sewer Maintenance Productivity Report (Appendix F) for the City, and any special reports to regulatory agencies, etc. The data will be analyzed to evaluate the effectiveness of the City's SSMP.

9.2 SSMP Program Effectiveness Evaluation

The biennial SSMP audit shall be used as one of the tools in assessing the effectiveness of the City's SSMP. The evaluation of the City's SSMP Program effectiveness shall be based on such key performance indicators as the total number of SSOs, SSO response time, reduction in repeated incidents of SSOs at the same location, total SSOs equal to or greater than 1,000 gallons or reaching surface waters, reduction in number of SSOs that are caused by sewer capacity-related problems, and any other effectiveness parameters established by the SWRCB.

9.3 Program Modification

The City shall continually update or modify the key elements of its SSMP based on the results of the above-mentioned monitoring and program effectiveness evaluations. The City shall also make recommendations to LACPW, as necessary, on elements of the Districts' SSMP to be adjusted or revised within City boundaries to better serve its residents.

9.4 SSO Location Mapping and Trends

The annual SSO location map prepared by LACPW is enclosed in Appendix G. The cause of each SSO incident is also recorded and shown on the map sheet. This map is used for establishing SSO patterns, identifying hot spots, and work assignment scheduling by LACPW field personnel.

CHAPTER 11

COMMUNICATION AND SSMP AVAILABILITY

11.1 Communication

The City shall provide all stakeholders and interested parties, such as the public and other agencies, with status updates on the development and implementation of the SSMP and consider comments made by them. The City shall utilize media, such as letters, newsletters, brochures, notices in the newspapers, and the City's home webpage, for conveying this information.

11.2 SSMP Availability

Copies of the SSMP will be maintained in the City Manager's/City Engineer's office and posted in the City's home webpage. The document shall also be made readily available to the RWQCB (Regions 4) upon request and to the operators of any collection system or treatment facility downstream of the City's system.

12.2 LACPW Sewer-Related Services to the 37 CSMD Cities

City	CSMD	ACO Program	Sewer Maintenance Agreement	Building and Safety	Industrial Waste	City Engineers	*Population
Agoura Hills	X	X			X		20,330
Artesia	X	X		X	X		16,522
Baldwin Park	X	X					75,390
Bell Gardens	X	X			X		44,054
Bellflower	X	X			X		76,616
Bradbury	X	X					1,048
Calabasas	X	X			X		23,058
Carson	X	X		X	X	X	91,714
Commerce	X	X		X	X	X	12,823
Cudahy	X	X			X		23,805
Diamond Bar	X	X			X		55,544
Duarte	X	X		X	X		21,321
Glendora	X	X					50,073
Hawaiian Gardens	X	X			X		14,254
Hidden Hills	X	X					1,856
Industry	X	X		X			219
Irwindale			X	X	X		1,422
La Cañada Flintridge	X	X		X	X		20,246
La Habra Heights	X	X					5,325
La Mirada	X	X		X	X	X	48,527
Lakewood	X	X		X	X	X	80,048
Lawndale	X	X		X	X		32,769
Lomita	X	X		X	X	X	20,256
Malibu	X	X					12,645
Palos Verdes Estates	X	X					13,438
Paramount	X	X			X		54,098
Pico Rivera	X	X			X		62,942
Rancho Palos Verdes	X	X			X		41,643
Rolling Hills	X	X		X			1,860
Rolling Hills Estates	X	X		X	X		8,067
Rosemead	X	X			X		53,764
San Dimas	X	X			X		33,371
Santa Clarita	X	X			X		177,641
Santa Fe Springs	X	X		X			16,223
South El Monte	X	X					20,116
Temple City	X	X		X	X	X	35,558
Walnut	X	X			X		29,172
West Hollywood			X		X		34,399
Westlake Village	X	X		X	X		8,270
TOTALS:	37	37	2	16	28	6	1,340,427

* The population data was obtained from the year 2010 Census data. Individual cities should verify the accuracy of the above data.

Through the General Services Agreement, a city can request County resources upon specific request. The LACPW currently provides at least some degree of service to all 88 cities in the County of Los Angeles.

City Authorized Representative:

Print Name

Signature

Date

SMD Authorized Representative:

ALEXANDER VILLARMA

Alexander Villama

11/30/2021

Print Name

Signature

Date

APPENDIX A

WASTE DISCHARGE REQUIREMENTS

**STATE WATER RESOURCES CONTROL BOARD
ORDER NO. 2006-0003**

**STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS
FOR
SANITARY SEWER SYSTEMS**

The State Water Resources Control Board, hereinafter referred to as "State Water Board", finds that:

1. All federal and state agencies, municipalities, counties, districts, and other public entities that own or operate sanitary sewer systems greater than one mile in length that collect and/or convey untreated or partially treated wastewater to a publicly owned treatment facility in the State of California are required to comply with the terms of this Order. Such entities are hereinafter referred to as "Enrollees".
2. Sanitary sewer overflows (SSOs) are overflows from sanitary sewer systems of domestic wastewater, as well as industrial and commercial wastewater, depending on the pattern of land uses in the area served by the sanitary sewer system. SSOs often contain high levels of suspended solids, pathogenic organisms, toxic pollutants, nutrients, oxygen-demanding organic compounds, oil and grease and other pollutants. SSOs may cause a public nuisance, particularly when raw untreated wastewater is discharged to areas with high public exposure, such as streets or surface waters used for drinking, fishing, or body contact recreation. SSOs may pollute surface or ground waters, threaten public health, adversely affect aquatic life, and impair the recreational use and aesthetic enjoyment of surface waters.
3. Sanitary sewer systems experience periodic failures resulting in discharges that may affect waters of the state. There are many factors (including factors related to geology, design, construction methods and materials, age of the system, population growth, and system operation and maintenance), which affect the likelihood of an SSO. A proactive approach that requires Enrollees to ensure a system-wide operation, maintenance, and management plan is in place will reduce the number and frequency of SSOs within the state. This approach will in turn decrease the risk to human health and the environment caused by SSOs.
4. Major causes of SSOs include: grease blockages, root blockages, sewer line flood damage, manhole structure failures, vandalism, pump station mechanical failures, power outages, excessive storm or ground water inflow/infiltration, debris blockages, sanitary sewer system age and construction material failures, lack of proper operation and maintenance, insufficient capacity and contractor-caused damages. Many SSOs are preventable with adequate and appropriate facilities, source control measures and operation and maintenance of the sanitary sewer system.

prescriptive WDRs for sanitary sewer systems. Upon issuance or reissuance of a Regional Water Board's WDRs for a system subject to this Order, the Regional Water Board shall coordinate its requirements with stated requirements within this Order, to identify requirements that are more stringent, to remove requirements that are less stringent than this Order, and to provide consistency in reporting.

REGULATORY CONSIDERATIONS

12. California Water Code section 13263 provides that the State Water Board may prescribe general WDRs for a category of discharges if the State Water Board finds or determines that:

- The discharges are produced by the same or similar operations;
- The discharges involve the same or similar types of waste;
- The discharges require the same or similar treatment standards; and
- The discharges are more appropriately regulated under general discharge requirements than individual discharge requirements.

This Order establishes requirements for a class of operations, facilities, and discharges that are similar throughout the state.

13. The issuance of general WDRs to the Enrollees will:

- a) Reduce the administrative burden of issuing individual WDRs to each Enrollee;
- b) Provide for a unified statewide approach for the reporting and database tracking of SSOs;
- c) Establish consistent and uniform requirements for SSMP development and implementation;
- d) Provide statewide consistency in reporting; and
- e) Facilitate consistent enforcement for violations.

14. The beneficial uses of surface waters that can be impaired by SSOs include, but are not limited to, aquatic life, drinking water supply, body contact and non-contact recreation, and aesthetics. The beneficial uses of ground water that can be impaired include, but are not limited to, drinking water and agricultural supply. Surface and ground waters throughout the state support these uses to varying degrees.

15. The implementation of requirements set forth in this Order will ensure the reasonable protection of past, present, and probable future beneficial uses of water and the prevention of nuisance. The requirements implement the water quality control plans (Basin Plans) for each region and take into account the environmental characteristics of hydrographic units within the state. Additionally, the State Water Board has considered water quality conditions that could reasonably be achieved through the coordinated control of all factors that affect

this Order is exempt from CEQA pursuant to Cal.Code Regs., title 14, §15301 to the extent that it applies to existing sanitary sewer collection systems that constitute "existing facilities" as that term is used in Section 15301, and §15302, to the extent that it results in the repair or replacement of existing systems involving negligible or no expansion of capacity.

21. The Fact Sheet, which is incorporated by reference in the Order, contains supplemental information that was also considered in establishing these requirements.
22. The State Water Board has notified all affected public agencies and all known interested persons of the intent to prescribe general WDRs that require Enrollees to develop SSMPs and to report all SSOs.
23. The State Water Board conducted a public hearing on February 8, 2006, to receive oral and written comments on the draft order. The State Water Board received and considered, at its May 2, 2006, meeting, additional public comments on substantial changes made to the proposed general WDRs following the February 8, 2006, public hearing. The State Water Board has considered all comments pertaining to the proposed general WDRs.

IT IS HEREBY ORDERED, that pursuant to California Water Code section 13263, the Enrollees, their agents, successors, and assigns, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted hereunder, shall comply with the following:

A. DEFINITIONS

1. **Sanitary sewer overflow (SSO)** - Any overflow, spill, release, discharge or diversion of untreated or partially treated wastewater from a sanitary sewer system. SSOs include:
 - (i) Overflows or releases of untreated or partially treated wastewater that reach waters of the United States;
 - (ii) Overflows or releases of untreated or partially treated wastewater that do not reach waters of the United States; and
 - (iii) Wastewater backups into buildings and on private property that are caused by blockages or flow conditions within the publicly owned portion of a sanitary sewer system.
2. **Sanitary sewer system** – Any system of pipes, pump stations, sewer lines, or other conveyances, upstream of a wastewater treatment plant headworks used to collect and convey wastewater to the publicly owned treatment facility. Temporary storage and conveyance facilities (such as vaults, temporary piping, construction trenches, wet wells, impoundments, tanks, etc.) are considered to be part of the sanitary sewer system, and discharges into these temporary storage facilities are not considered to be SSOs.

apply for coverage under the general WDRs to all known public agencies that own sanitary sewer systems. Agencies that do not receive notice may obtain applications and instructions online on the Water Board's website.

3. Coverage under the general WDRs – Permit coverage will be in effect once a complete application package has been submitted and approved by the State Water Board's Division of Water Quality.

C. PROHIBITIONS

1. Any SSO that results in a discharge of untreated or partially treated wastewater to waters of the United States is prohibited.
2. Any SSO that results in a discharge of untreated or partially treated wastewater that creates a nuisance as defined in California Water Code Section 13050(m) is prohibited.

D. PROVISIONS

1. The Enrollee must comply with all conditions of this Order. Any noncompliance with this Order constitutes a violation of the California Water Code and is grounds for enforcement action.
2. It is the intent of the State Water Board that sanitary sewer systems be regulated in a manner consistent with the general WDRs. Nothing in the general WDRs shall be:
 - (i) Interpreted or applied in a manner inconsistent with the Federal Clean Water Act, or supersede a more specific or more stringent state or federal requirement in an existing permit, regulation, or administrative/judicial order or Consent Decree;
 - (ii) Interpreted or applied to authorize an SSO that is illegal under either the Clean Water Act, an applicable Basin Plan prohibition or water quality standard, or the California Water Code;
 - (iii) Interpreted or applied to prohibit a Regional Water Board from issuing an individual NPDES permit or WDR, superseding this general WDR, for a sanitary sewer system, authorized under the Clean Water Act or California Water Code; or
 - (iv) Interpreted or applied to supersede any more specific or more stringent WDRs or enforcement order issued by a Regional Water Board.
3. The Enrollee shall take all feasible steps to eliminate SSOs. In the event that an SSO does occur, the Enrollee shall take all feasible steps to contain and mitigate the impacts of an SSO.
4. In the event of an SSO, the Enrollee shall take all feasible steps to prevent untreated or partially treated wastewater from discharging from storm drains into

(vii) The Enrollee took all reasonable steps to stop and mitigate the impact of the discharge as soon as possible.

7. When a sanitary sewer overflow occurs, the Enrollee shall take all feasible steps and necessary remedial actions to 1) control or limit the volume of untreated or partially treated wastewater discharged, 2) terminate the discharge, and 3) recover as much of the wastewater discharged as possible for proper disposal, including any wash down water.

The Enrollee shall implement all remedial actions to the extent they may be applicable to the discharge and not inconsistent with an emergency response plan, including the following:

- (i) Interception and rerouting of untreated or partially treated wastewater flows around the wastewater line failure;
 - (ii) Vacuum truck recovery of sanitary sewer overflows and wash down water;
 - (iii) Cleanup of debris at the overflow site;
 - (iv) System modifications to prevent another SSO at the same location;
 - (v) Adequate sampling to determine the nature and impact of the release; and
 - (vi) Adequate public notification to protect the public from exposure to the SSO.
8. The Enrollee shall properly, manage, operate, and maintain all parts of the sanitary sewer system owned or operated by the Enrollee, and shall ensure that the system operators (including employees, contractors, or other agents) are adequately trained and possess adequate knowledge, skills, and abilities.
 9. The Enrollee shall allocate adequate resources for the operation, maintenance, and repair of its sanitary sewer system, by establishing a proper rate structure, accounting mechanisms, and auditing procedures to ensure an adequate measure of revenues and expenditures. These procedures must be in compliance with applicable laws and regulations and comply with generally acceptable accounting practices.
 10. The Enrollee shall provide adequate capacity to convey base flows and peak flows, including flows related to wet weather events. Capacity shall meet or exceed the design criteria as defined in the Enrollee's System Evaluation and Capacity Assurance Plan for all parts of the sanitary sewer system owned or operated by the Enrollee.
 11. The Enrollee shall develop and implement a written Sewer System Management Plan (SSMP) and make it available to the State and/or Regional Water Board upon request. A copy of this document must be publicly available at the Enrollee's office and/or available on the Internet. This SSMP must be approved by the Enrollee's governing board at a public meeting.

- (b) Require that sewers and connections be properly designed and constructed;
 - (c) Ensure access for maintenance, inspection, or repairs for portions of the lateral owned or maintained by the Public Agency;
 - (d) Limit the discharge of fats, oils, and grease and other debris that may cause blockages, and
 - (e) Enforce any violation of its sewer ordinances.
- (iv) **Operation and Maintenance Program.** The SSMP must include those elements listed below that are appropriate and applicable to the Enrollee's system:
- (a) Maintain an up-to-date map of the sanitary sewer system, showing all gravity line segments and manholes, pumping facilities, pressure pipes and valves, and applicable stormwater conveyance facilities;
 - (b) Describe routine preventive operation and maintenance activities by staff and contractors, including a system for scheduling regular maintenance and cleaning of the sanitary sewer system with more frequent cleaning and maintenance targeted at known problem areas. The Preventative Maintenance (PM) program should have a system to document scheduled and conducted activities, such as work orders;
 - (c) Develop a rehabilitation and replacement plan to identify and prioritize system deficiencies and implement short-term and long-term rehabilitation actions to address each deficiency. The program should include regular visual and TV inspections of manholes and sewer pipes, and a system for ranking the condition of sewer pipes and scheduling rehabilitation. Rehabilitation and replacement should focus on sewer pipes that are at risk of collapse or prone to more frequent blockages due to pipe defects. Finally, the rehabilitation and replacement plan should include a capital improvement plan that addresses proper management and protection of the infrastructure assets. The plan shall include a time schedule for implementing the short- and long-term plans plus a schedule for developing the funds needed for the capital improvement plan;
 - (d) Provide training on a regular basis for staff in sanitary sewer system operations and maintenance, and require contractors to be appropriately trained; and

(vii) **FOG Control Program:** Each Enrollee shall evaluate its service area to determine whether a FOG control program is needed. If an Enrollee determines that a FOG program is not needed, the Enrollee must provide justification for why it is not needed. If FOG is found to be a problem, the Enrollee must prepare and implement a FOG source control program to reduce the amount of these substances discharged to the sanitary sewer system. This plan shall include the following as appropriate:

- (a) An implementation plan and schedule for a public education outreach program that promotes proper disposal of FOG;
- (b) A plan and schedule for the disposal of FOG generated within the sanitary sewer system service area. This may include a list of acceptable disposal facilities and/or additional facilities needed to adequately dispose of FOG generated within a sanitary sewer system service area;
- (c) The legal authority to prohibit discharges to the system and identify measures to prevent SSOs and blockages caused by FOG;
- (d) Requirements to install grease removal devices (such as traps or interceptors), design standards for the removal devices, maintenance requirements, BMP requirements, record keeping and reporting requirements;
- (e) Authority to inspect grease producing facilities, enforcement authorities, and whether the Enrollee has sufficient staff to inspect and enforce the FOG ordinance;
- (f) An identification of sanitary sewer system sections subject to FOG blockages and establishment of a cleaning maintenance schedule for each section; and
- (g) Development and implementation of source control measures for all sources of FOG discharged to the sanitary sewer system for each section identified in (f) above.

(viii) **System Evaluation and Capacity Assurance Plan:** The Enrollee shall prepare and implement a capital improvement plan (CIP) that will provide hydraulic capacity of key sanitary sewer system elements for dry weather peak flow conditions, as well as the appropriate design storm or wet weather event. At a minimum, the plan must include:

- (a) **Evaluation:** Actions needed to evaluate those portions of the sanitary sewer system that are experiencing or contributing to an SSO discharge caused by hydraulic deficiency. The evaluation must provide estimates of peak flows (including flows from SSOs

Enrollee's compliance with the SSMP requirements identified in this subsection (D.13), including identification of any deficiencies in the SSMP and steps to correct them.

- (xi) **Communication Program** – The Enrollee shall communicate on a regular basis with the public on the development, implementation, and performance of its SSMP. The communication system shall provide the public the opportunity to provide input to the Enrollee as the program is developed and implemented.

The Enrollee shall also create a plan of communication with systems that are tributary and/or satellite to the Enrollee's sanitary sewer system.

14. Both the SSMP and the Enrollee's program to implement the SSMP must be certified by the Enrollee to be in compliance with the requirements set forth above and must be presented to the Enrollee's governing board for approval at a public meeting. The Enrollee shall certify that the SSMP, and subparts thereof, are in compliance with the general WDRs within the time frames identified in the time schedule provided in subsection D.15, below.

In order to complete this certification, the Enrollee's authorized representative must complete the certification portion in the Online SSO Database Questionnaire by checking the appropriate milestone box, printing and signing the automated form, and sending the form to:

State Water Resources Control Board
Division of Water Quality
Attn: SSO Program Manager
P.O. Box 100
Sacramento, CA 95812

The SSMP must be updated every five (5) years, and must include any significant program changes. Re-certification by the governing board of the Enrollee is required in accordance with D.14 when significant updates to the SSMP are made. To complete the re-certification process, the Enrollee shall enter the data in the Online SSO Database and mail the form to the State Water Board, as described above.

15. The Enrollee shall comply with these requirements according to the following schedule. This time schedule does not supersede existing requirements or time schedules associated with other permits or regulatory requirements.

1. In the event that by July 1, 2006 the Executive Director is able to execute a memorandum of agreement (MOA) with the California Water Environment Association (CWEA) or discharger representatives outlining a strategy and time schedule for CWEA or another entity to provide statewide training on the adopted monitoring program, SSO database electronic reporting, and SSMP development, consistent with this Order, then the schedule of Reporting Program Section G shall be replaced with the following schedule:

Reporting Program Section G	
Regional Boards 4, 8, and 9	8 months after WDRs Adoption
Regional Boards 1, 2, and 3	12 months after WDRs Adoption
Regional Boards 5, 6, and 7	16 months after WDRs Adoption

If this MOU is not executed by July 1, 2006, the reporting program time schedule will remain six (6) months for all regions and agency size categories.

2. In the event that the Executive Director executes the MOA identified in note 1 by July 1, 2006, then the deadline for this task shall be extended by six (6) months. The time schedule identified in the MOA must be consistent with the extended time schedule provided by this note. If the MOA is not executed by July 1, 2006, the six (6) month time extension will not be granted.

E. WDRs and SSMP AVAILABILITY

1. A copy of the general WDRs and the certified SSMP shall be maintained at appropriate locations (such as the Enrollee's offices, facilities, and/or Internet homepage) and shall be available to sanitary sewer system operating and maintenance personnel at all times.

F. ENTRY AND INSPECTION

1. The Enrollee shall allow the State or Regional Water Boards or their authorized representative, upon presentation of credentials and other documents as may be required by law, to:
 - a. Enter upon the Enrollee's premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of this Order;
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Order;

H. CHANGE IN OWNERSHIP

1. This Order is not transferable to any person or party, except after notice to the Executive Director. The Enrollee shall submit this notice in writing at least 30 days in advance of any proposed transfer. The notice must include a written agreement between the existing and new Enrollee containing a specific date for the transfer of this Order's responsibility and coverage between the existing Enrollee and the new Enrollee. This agreement shall include an acknowledgement that the existing Enrollee is liable for violations up to the transfer date and that the new Enrollee is liable from the transfer date forward.

I. INCOMPLETE REPORTS

1. If an Enrollee becomes aware that it failed to submit any relevant facts in any report required under this Order, the Enrollee shall promptly submit such facts or information by formally amending the report in the Online SSO Database.

J. REPORT DECLARATION

1. All applications, reports, or information shall be signed and certified as follows:
 - (i) All reports required by this Order and other information required by the State or Regional Water Board shall be signed and certified by a person designated, for a municipality, state, federal or other public agency, as either a principal executive officer or ranking elected official, or by a duly authorized representative of that person, as described in paragraph (ii) of this provision. (For purposes of electronic reporting, an electronic signature and accompanying certification, which is in compliance with the Online SSO database procedures, meet this certification requirement.)
 - (ii) An individual is a duly authorized representative only if:
 - (a) The authorization is made in writing by a person described in paragraph (i) of this provision; and
 - (b) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity.

K. CIVIL MONETARY REMEDIES FOR DISCHARGE VIOLATIONS

1. The California Water Code provides various enforcement options, including civil monetary remedies, for violations of this Order.
2. The California Water Code also provides that any person failing or refusing to furnish technical or monitoring program reports, as required under this Order, or

STATE OF CALIFORNIA
WATER RESOURCES CONTROL BOARD
ORDER NO. WQ 2013-0058-EXEC

AMENDING MONITORING AND REPORTING PROGRAM
FOR
STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS FOR
SANITARY SEWER SYSTEMS

The State of California, Water Resources Control Board (hereafter State Water Board) finds:

1. The State Water Board is authorized to prescribe statewide general Waste Discharge Requirements (WDRs) for categories of discharges that involve the same or similar operations and the same or similar types of waste pursuant to Water Code section 13263(i).
2. Water Code section 13193 *et seq.* requires the Regional Water Quality Control Boards (Regional Water Boards) and the State Water Board (collectively, the Water Boards) to gather Sanitary Sewer Overflow (SSO) information and make this information available to the public, including but not limited to, SSO cause, estimated volume, location, date, time, duration, whether or not the SSO reached or may have reached waters of the state, response and corrective action taken, and an enrollee's contact information for each SSO event. An enrollee is defined as the public entity having legal authority over the operation and maintenance of, or capital improvements to, a sanitary sewer system greater than one mile in length.
3. Water Code section 13271, *et seq.* requires notification to the California Office of Emergency Services (Cal OES), formerly the California Emergency Management Agency, for certain unauthorized discharges, including SSOs.
4. On May 2, 2006, the State Water Board adopted Order 2006-0003-DWQ, "Statewide Waste Discharge Requirements for Sanitary Sewer Systems"¹ (hereafter SSS WDRs) to comply with Water Code section 13193 and to establish the framework for the statewide SSO Reduction Program.
5. Subsection G.2 of the SSS WDRs and the Monitoring and Reporting Program (MRP) provide that the Executive Director may modify the terms of the MRP at any time.
6. On February 20, 2008, the State Water Board Executive Director adopted a revised MRP for the SSS WDRs to rectify early notification deficiencies and ensure that first responders are notified in a timely manner of SSOs discharged into waters of the state.
7. When notified of an SSO that reaches a drainage channel or surface water of the state, Cal OES, pursuant to Water Code section 13271(a)(3), forwards the SSO notification information² to local government agencies and first responders including local public health officials and the applicable Regional Water Board. Receipt of notifications for a single SSO event from both the SSO reporter

¹ Available for download at:

http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2006/wqo/wqo2006_0003.pdf

² Cal OES Hazardous Materials Spill Reports available Online at:

[http://w3.calema.ca.gov/operational/mal haz.nsf/\\$defaultview](http://w3.calema.ca.gov/operational/mal haz.nsf/$defaultview) and <http://w3.calema.ca.gov/operational/mal haz.nsf>

ATTACHMENT A

STATE WATER RESOURCES CONTROL BOARD ORDER NO. WQ 2013-0058-EXEC

AMENDING MONITORING AND REPORTING PROGRAM FOR STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS FOR SANITARY SEWER SYSTEMS

This Monitoring and Reporting Program (MRP) establishes monitoring, record keeping, reporting and public notification requirements for Order 2006-0003-DWQ, "Statewide General Waste Discharge Requirements for Sanitary Sewer Systems" (SSS WDRs). This MRP shall be effective from September 9, 2013 until it is rescinded. The Executive Director may make revisions to this MRP at any time. These revisions may include a reduction or increase in the monitoring and reporting requirements. All site specific records and data developed pursuant to the SSS WDRs and this MRP shall be complete, accurate, and justified by evidence maintained by the enrollee. Failure to comply with this MRP may subject an enrollee to civil liabilities of up to \$5,000 a day per violation pursuant to Water Code section 13350; up to \$1,000 a day per violation pursuant to Water Code section 13268; or referral to the Attorney General for judicial civil enforcement. The State Water Resources Control Board (State Water Board) reserves the right to take any further enforcement action authorized by law.

A. SUMMARY OF MRP REQUIREMENTS

Table 1 – Spill Categories and Definitions

CATEGORIES	DEFINITIONS [see Section A on page 5 of Order 2006-0003-DWQ, for Sanitary Sewer Overflow (SSO) definition]
CATEGORY 1	Discharges of untreated or partially treated wastewater of <u>any volume</u> resulting from an enrollee's sanitary sewer system failure or flow condition that: <ul style="list-style-type: none"> • Reach surface water and/or reach a drainage channel tributary to a surface water; or • Reach a Municipal Separate Storm Sewer System (MS4) and are not fully captured and returned to the sanitary sewer system or not otherwise captured and disposed of properly. Any volume of wastewater not recovered from the MS4 is considered to have reached surface water unless the storm drain system discharges to a dedicated storm water or groundwater infiltration basin (e.g., infiltration pit, percolation pond).
CATEGORY 2	Discharges of untreated or partially treated wastewater of <u>1,000 gallons or greater</u> resulting from an enrollee's sanitary sewer system failure or flow condition that <u>do not</u> reach surface water, a drainage channel, or a MS4 unless the entire SSO discharged to the storm drain system is fully recovered and disposed of properly.
CATEGORY 3	All other discharges of untreated or partially treated wastewater resulting from an enrollee's sanitary sewer system failure or flow condition.
PRIVATE LATERAL SEWAGE DISCHARGE (PLSD)	Discharges of untreated or partially treated wastewater resulting from blockages or other problems <u>within a privately owned sewer lateral</u> connected to the enrollee's sanitary sewer system or from other private sewer assets. PLSDs that the enrollee becomes aware of may be <u>voluntarily</u> reported to the California Integrated Water Quality System (CIWQS) Online SSO Database.

B. NOTIFICATION REQUIREMENTS

Although Regional Water Quality Control Boards (Regional Water Boards) and the State Water Board (collectively, the Water Boards) staff do not have duties as first responders, this MRP is an appropriate mechanism to ensure that the agencies that have first responder duties are notified in a timely manner in order to protect public health and beneficial uses.

1. For any Category 1 SSO greater than or equal to 1,000 gallons that results in a discharge to a surface water or spilled in a location where it probably will be discharged to surface water, either directly or by way of a drainage channel or MS4, the enrollee shall, as soon as possible, but not later than two (2) hours after (A) the enrollee has knowledge of the discharge, (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures, notify the Cal OES and obtain a notification control number.
2. To satisfy notification requirements for each applicable SSO, the enrollee shall provide the information requested by Cal OES before receiving a control number. Spill information requested by Cal OES may include:
 - i. Name of person notifying Cal OES and direct return phone number.
 - ii. Estimated SSO volume discharged (gallons).
 - iii. If ongoing, estimated SSO discharge rate (gallons per minute).
 - iv. SSO Incident Description:
 - a. Brief narrative.
 - b. On-scene point of contact for additional information (name and cell phone number).
 - c. Date and time enrollee became aware of the SSO.
 - d. Name of sanitary sewer system agency causing the SSO.
 - e. SSO cause (if known).
 - v. Indication of whether the SSO has been contained.
 - vi. Indication of whether surface water is impacted.
 - vii. Name of surface water impacted by the SSO, if applicable.
 - viii. Indication of whether a drinking water supply is or may be impacted by the SSO.
 - ix. Any other known SSO impacts.
 - x. SSO incident location (address, city, state, and zip code).
3. Following the initial notification to Cal OES and until such time that an enrollee certifies the SSO report in the CIWQS Online SSO Database, the enrollee shall provide updates to Cal OES regarding substantial changes to the estimated volume of untreated or partially treated sewage discharged and any substantial change(s) to known impact(s).
4. PLSDs: The enrollee is strongly encouraged to notify Cal OES of discharges greater than or equal to 1,000 gallons of untreated or partially treated wastewater that result or may result in a discharge to surface water resulting from failures or flow conditions within a privately owned sewer lateral or from other private sewer asset(s) if the enrollee becomes aware of the PLSD.

- ii. **Category 3 SSOs** – All SSOs that meet the above criteria for Category 3 SSOs shall be reported to the CIWQS Online SSO Database and certified within 30 calendar days after the end of the calendar month in which the SSO occurs (e.g., all Category 3 SSOs occurring in the month of February shall be entered into the database and certified by March 30). Minimum information that shall be certified in a final Category 3 SSO report shall include all information identified in section 8.i.e below.
- iii. **“No Spill” Certification** – If there are no SSOs during the calendar month, the enrollee shall either 1) certify, within 30 calendar days after the end of each calendar month, a “No Spill” certification statement in the CIWQS Online SSO Database certifying that there were no SSOs for the designated month, or 2) certify, quarterly within 30 calendar days after the end of each quarter, “No Spill” certification statements in the CIWQS Online SSO Database certifying that there were no SSOs for each month in the quarter being reported on. For quarterly reporting, the quarters are Q1 - January/ February/ March, Q2 - April/May/June, Q3 - July/August/September, and Q4 - October/November/December.

If there are no SSOs during a calendar month but the enrollee reported a PLSD, the enrollee shall still certify a “No Spill” certification statement for that month.
- iv. **Amended SSO Reports** – The enrollee may update or add additional information to a certified SSO report within 120 calendar days after the SSO end date by amending the report or by adding an attachment to the SSO report in the CIWQS Online SSO Database. SSO reports certified in the CIWQS Online SSO Database prior to the adoption date of this MRP may only be amended up to 120 days after the effective date of this MRP. After 120 days, the enrollee may contact the SSO Program Manager to request to amend an SSO report if the enrollee also submits justification for why the additional information was not available prior to the end of the 120 days.

5. SSO Technical Report

The enrollee shall submit an SSO Technical Report in the CIWQS Online SSO Database within 45 calendar days of the SSO end date for any SSO in which 50,000 gallons or greater are spilled to surface waters. This report, which does not preclude the Water Boards from requiring more detailed analyses if requested, shall include at a minimum, the following:

- i. **Causes and Circumstances of the SSO:**
 - a. Complete and detailed explanation of how and when the SSO was discovered.
 - b. Diagram showing the SSO failure point, appearance point(s), and final destination(s).
 - c. Detailed description of the methodology employed and available data used to calculate the volume of the SSO and, if applicable, the SSO volume recovered.
 - d. Detailed description of the cause(s) of the SSO.
 - e. Copies of original field crew records used to document the SSO.
 - f. Historical maintenance records for the failure location.
- ii. **Enrollee’s Response to SSO:**
 - a. Chronological narrative description of all actions taken by enrollee to terminate the spill.
 - b. Explanation of how the SSMP Overflow Emergency Response plan was implemented to respond to and mitigate the SSO.

- a. **Draft Category 1 SSOs:** At a minimum, the following mandatory information shall be reported for a draft Category 1 SSO report:
1. SSO Contact Information: Name and telephone number of enrollee contact person who can answer specific questions about the SSO being reported.
 2. SSO Location Name.
 3. Location of the overflow event (SSO) by entering GPS coordinates. If a single overflow event results in multiple appearance points, provide GPS coordinates for the appearance point closest to the failure point and describe each additional appearance point in the SSO appearance point explanation field.
 4. Whether or not the SSO reached surface water, a drainage channel, or entered and was discharged from a drainage structure.
 5. Whether or not the SSO reached a municipal separate storm drain system.
 6. Whether or not the total SSO volume that reached a municipal separate storm drain system was fully recovered.
 7. Estimate of the SSO volume, inclusive of all discharge point(s).
 8. Estimate of the SSO volume that reached surface water, a drainage channel, or was not recovered from a storm drain.
 9. Estimate of the SSO volume recovered (if applicable).
 10. Number of SSO appearance point(s).
 11. Description and location of SSO appearance point(s). If a single sanitary sewer system failure results in multiple SSO appearance points, each appearance point must be described.
 12. SSO start date and time.
 13. Date and time the enrollee was notified of, or self-discovered, the SSO.
 14. Estimated operator arrival time.
 15. For spills greater than or equal to 1,000 gallons, the date and time Cal OES was called.
 16. For spills greater than or equal to 1,000 gallons, the Cal OES control number.
- b. **Certified Category 1 SSOs:** At a minimum, the following mandatory information shall be reported for a certified Category 1 SSO report, in addition to all fields in section 8.i.a :
1. Description of SSO destination(s).
 2. SSO end date and time.
 3. SSO causes (mainline blockage, roots, etc.).
 4. SSO failure point (main, lateral, etc.).
 5. Whether or not the spill was associated with a storm event.
 6. Description of spill corrective action, including steps planned or taken to reduce, eliminate, and prevent reoccurrence of the overflow; and a schedule of major milestones for those steps.
 7. Description of spill response activities.
 8. Spill response completion date.
 9. Whether or not there is an ongoing investigation, the reasons for the investigation and the expected date of completion.

- a. Submit an **electronic** copy of the enrollee's approved SSMP, critical supporting documents referenced in the SSMP, and proof of local governing board approval of the SSMP to the State Water Board, within 30 days of that approval and within 30 days of any subsequent SSMP re-certifications, to the following mailing address:

State Water Resources Control Board
Division of Water Quality
Attn: SSO Program Manager
1001 I Street, 15th Floor, Sacramento, CA 95814

D. WATER QUALITY MONITORING REQUIREMENTS:

To comply with subsection D.7(v) of the SSS WDRs, the enrollee shall develop and implement an SSO Water Quality Monitoring Program to assess impacts from SSOs to surface waters in which 50,000 gallons or greater are spilled to surface waters. The SSO Water Quality Monitoring Program, shall, at a minimum:

1. Contain protocols for water quality monitoring.
2. Account for spill travel time in the surface water and scenarios where monitoring may not be possible (e.g. safety, access restrictions, etc.).
3. Require water quality analyses for ammonia and bacterial indicators to be performed by an accredited or certified laboratory.
4. Require monitoring instruments and devices used to implement the SSO Water Quality Monitoring Program to be properly maintained and calibrated, including any records to document maintenance and calibration, as necessary, to ensure their continued accuracy.
5. Within 48 hours of the enrollee becoming aware of the SSO, require water quality sampling for, at a minimum, the following constituents:
 - i. Ammonia
 - ii. Appropriate Bacterial indicator(s) per the applicable Basin Plan water quality objective or Regional Board direction which may include total and fecal coliform, enterococcus, and e-coli.

E. RECORD KEEPING REQUIREMENTS:

The following records shall be maintained by the enrollee for a minimum of five (5) years and shall be made available for review by the Water Boards during an onsite inspection or through an information request:

1. General Records: The enrollee shall maintain records to document compliance with all provisions of the SSS WDRs and this MRP for each sanitary sewer system owned including any required records generated by an enrollee's sanitary sewer system contractor(s).
2. SSO Records: The enrollee shall maintain records for each SSO event, including but not limited to:
 - i. Complaint records documenting how the enrollee responded to all notifications of possible or actual SSOs, both during and after business hours, including complaints that do not

5. A registered designated person (i.e., an LRO) shall certify all required reports under penalty of perjury laws of the state as stated in the CIWQS Online SSO Database at the time of certification.

CERTIFICATION

The undersigned Clerk to the Board does hereby certify that the foregoing is a full, true, and correct copy of an order amended by the Executive Director of the State Water Resources Control Board.

7/30/13
Date


Jeanine Townsend
Clerk to the Board

- Should all SSOs be reported, and if not, what should the reporting thresholds be; and what should the reporting timeframes be?
- How will existing permits and reporting requirements incorporate these new WDRs?
- How much will compliance with these new WDRs cost?

The WDRs and Reporting Program considered the comments of all stakeholders and others who commented on the two drafts circulated to the public. These documents also incorporate legal requirements and other revisions to improve the effectiveness and management of the regulatory program. Following is a discussion of the above issues, comments received on the drafts and an explanation of how issues were resolved.

The Need

As California's wastewater collection system infrastructure begins to age, the need to proactively manage this valuable asset becomes increasingly important. The first step in this process is to have a reliable reporting system for SSOs. Although there are some data systems to record spills and various spill-reporting requirements have been developed, inconsistent requirements and enforcement have led to poor data quality. A few Regional Water Boards have comprehensively tracked SSOs over the last three to five years, and from this information we have been able to determine that the majority of collection systems surveyed have had SSOs within this time period.

Both the San Diego and Santa Ana Regional Water Boards have issued WDRs over the last several years to begin regulating wastewater collection systems in an attempt to quantify and reduce SSOs. In fact, 44 out of 46 collection system agencies regulated by the San Diego Regional Water Board have reported spills over the last four and a half years, resulting in 1467 reported SSOs. Twenty-five out of 27 collection system agencies subject to the Santa Ana Regional Water Board's general WDRs reported SSOs between the years of 1999-2004. During this time period, 1012 SSOs were reported.

The 2004 Annual Ocean and Bay Water Quality Report issued by the Orange County Environmental Health Care Agency shows the number of SSOs increasing from 245 in 1999 to 399 in 2003. While this number indicates a concerning trend, the total annual spill volume from these SSOs has actually decreased dramatically, as has the number of beach closures due to SSOs. It is likely, therefore, that the rise in number of SSOs reflects better reporting, and not an actual increase in the number of SSOs.

This information also suggests that the Santa Ana Regional Water Board's WDRs, which contain sanitary sewer management plan (SSMP) requirements similar to those in the proposed statewide general WDRs, have been effective in

typically regulated as part of the POTW and, therefore, have not generally been subject to NPDES permit requirements.

Comments were received that argued every collection system leading to a POTW that is subject to an NPDES permit should also be permitted based upon the USEPA definition of POTW. Under this theory, all current POTW NPDES permits could be expanded to include all satellite sewer collection systems, or alternatively, the satellite system owners or operators could be permitted separately. However, this interpretation is not widely accepted and USEPA has no official guidance to this fact.

There are also many wastewater treatment facilities within California that do not have discharges to surface water, but instead use percolation ponds, spray irrigation, wastewater reclamation, or other means to dispose of the treated effluent. These facilities, and their satellite systems, are not subject to the NPDES permitting process and could not be subject to a statewide general NPDES permit. POTWs that fall into this category, though, can be regulated under Porter-Cologne and do have WDRs.

In light of these factors, the State Water Board has determined that the best approach is to propose statewide general WDRs at this time.

Prohibition of Discharge

The Clean Water Act prohibits the discharge of wastewater to surface waters except as authorized under an NPDES permit. POTWs must achieve secondary treatment, at a minimum, and any more stringent limitations that are necessary to achieve water quality standards. (33 U.S.C. §1311(b)(1)(B) and (C)). Thus, an SSO that results in the discharge of raw sewage to surface waters is prohibited under the Clean Water Act.

Additionally, California Water Code section 13263 requires the State Water Board to, after any necessary hearing, prescribe requirements as to the nature of any proposed discharge, existing discharge, or material change in an existing discharge. The requirements shall, among other things, take into consideration the need to prevent nuisance.

California Water Code section 13050 (m), defines nuisance as anything which meets all of the following requirements:

- a. Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property.
- b. Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal.

collection system owner representatives believe this should formally be recognized by including an affirmative defense for these unavoidable SSOs.

Previous informal drafts of the general WDRs included affirmative defense language, which was contingent upon appropriate development and implementation of sanitary sewer management plan (SSMP) requirements, as well as a demonstration that the SSO was exceptional and unavoidable. Other stakeholders, including USEPA and the environmental groups opposed the concept of an affirmative defense for SSOs. They argued that its inclusion in the WDRs would undermine the Clean Water Act and inappropriately limit both Regional Water Board and third party enforcement.

After considering input from all stakeholders, and consulting with USEPA, staff is not recommending inclusion of an affirmative defense. Rather, the draft WDRs incorporate the concept of enforcement discretion, and explicitly identify what factors must be considered during any civil enforcement proceeding. The enforcement discretion portion of the WDRs is contained within Sections D. 6 and 7, and is consistent with enforcement discretion provisions within the California Water Code.

Facilities Subject to WDRs

Collection systems consist of pipelines and their appurtenances, which are intended to transport untreated wastewater to both publicly-owned and private wastewater treatment facilities. While wastewater treatment facilities are owned by a wide variety of public and private entities, public agencies (state and federal agencies, cities, counties, and special districts) own the vast majority of this infrastructure.

Collection systems that transport wastewater to POTWs could be grouped into four different categories:

1. Publicly-owned treatment works – pipelines and appurtenances that are owned by a public agency that also owns a wastewater treatment facility;
2. Publicly-owned satellites – pipelines and appurtenances that are owned by a public agency that does not own a wastewater treatment facility; and
3. Private laterals - pipelines and appurtenances that are not owned by a public agency, but rather discharge into one of the above types of facilities.
4. Privately owned treatment works – pipelines and appurtenances that are owned by a private entity, which also owns a wastewater treatment facility (often a septic tank and leach field).

The WDRs require all public agencies, which own wastewater collection systems (category 1 and 2 above) to enroll in the WDRs. Privately owned systems (categories 3 and 4) are not subject to the WDRs; however, a Regional Water

Obviously, SSOs that are large in nature, affect public health, or affect the environment must be reported as soon as practicable and information associated with both the spill and efforts to mitigate the spill must be detailed. Since the Online SSO Database is a web based application requiring computer connection to the internet and is typically not as available as telephone communication would be, the Online Database will not replace emergency notification, which may be required by a Regional Water Board, Office of Emergency Services, or a County Health or Environmental Health Agency.

Incorporating Existing Permits

It is the State Water Board's intent to have one statewide regulatory mechanism that lays out the foundation for consistent collection system management requirements and SSO reporting. While there are a significant number of collection systems that are not actively regulated by the State or Regional Water Boards, some efforts have been made to regulate these agencies on a facility-by-facility or region-by-region basis. General WDRs, individual WDRs, NPDES permits, and enforcement orders that specifically include collections systems are mechanisms that have been used to regulate collection system overflows.

However, because of these varying levels of regulatory oversight, confusion exists among collection system owners as to regulatory expectations on a consistent and uniform basis (especially with reporting spills). Currently, there are a myriad of different SSO reporting thresholds and a number of different spill report repositories. Because of the varying levels of reporting thresholds and the lack of a common database to capture this information, an accurate picture of SSOs throughout California is unobtainable.

In order to provide a consistent and effective SSO prevention program, as well as to develop reasonable expectations for collection system management, these General WDRs should be the primary regulatory mechanism to regulate public collection systems. The draft WDRs detail requirements associated with SSMP development and implementation and SSO reporting.

All NPDES permits for POTWs currently include federally required standard conditions, three of which apply to collection systems. NPDES permits must clarify that the following three conditions apply to that part of the collection system that is owned or operated by the POTW owner or operator. These conditions are:

- Duty to mitigate discharges (40 CFR 122.41(d))
- Requirement to properly operate and maintain facilities (40 CFR 122.41(e))
- Requirement to report non-compliance (40 CFR 122.41(l)(6) and (7))

considered and fairly accurately represent what can be expected statewide with the adoption of the General WDRs.

After extrapolating the sample to yield a statewide cost perspective, the projected annual cost of implementing the statewide WDRs is approximately \$870 million. This total represents \$345.6 million in O&M costs and \$524.5 for capital improvement projects.

While this sum is substantial, presenting the costs on a per capita or per household basis puts the figure in perspective. Department of Finance estimated the total population for Californians that may be subject to the WDRs to be 30.3 million persons (1/1/05). Dividing the population by the approximate average household size of 2.5 yields 12 million households. The average household in California is assumed to be 2.5 persons. The increased average annual cost (in order to comply with these WDRs) per person is estimated to be \$28.74 and \$71.86 per household (or \$5.99 per month per household)

Given these average costs there will be some communities that realize higher costs on a per household basis and some that realize less cost. Furthermore, larger communities will probably also realize an economy of scale, which is dependent upon a community's size. While larger communities may see lower costs associated with compliance, smaller communities will probably see a higher cost associated with compliance. Costs for compliance in small communities may be as high as \$40 per month per household.

APPENDIX C
INVENTORY OF SEWER MAINTENANCE
DISTRICTS EQUIPMENT

**Los Angeles County Public Works
Detailed eCAPS Reporting System (DeRS)
ASSETS BY CUSTODIAN**

DIVISION: 49400 Sewer Maintenance Division - Administration
CUSTODIAN: PWJVIVES
CUSTODIAN NAME: Jim Vives

TAG NUMBER	FA NUMBER	ASSET DESC	MANUFACTURER	MODEL NUMBER	SR NUMBER	LOC CD	LOC DESC	SLOC	FA TYPE	CUSTODIAN NAME	END USER	ACQ DATE	NET BOOK VALUE
03-320	E0025809	AUTO 4 DR SEDAN COMPACT 2012/TOYOTA PRIUS HYBRID	TOYOTA	PRIUS	JTDKN3DU9C1511780	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Jim Vives	N/A	09/12/2012	0.00
03-376	E0049866	2019 TOYOTA PRIUS PRIME PLUG IN HYBRID	TOYOTA	PRIUS	JTDKARFP8K3105093	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	PRYOR, JAMES	03/06/2019	27,371.17
06-267	1063303	TRUCK CHEV/06 C-1500 REG CAB PICKUP	CHEVROLET	1500	1GCEC14V76Z130211	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	GARCIA, JESUS	01/01/2006	0.00
06-396	E0026153	TRUCK 2012/FORD F-150 EXT CAB PICK UP 4X2	FORD	F-150	1FTEX1CM9CFB87178	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	PENA, CHRISTOPHER	10/17/2012	0.00
06-592	E0045703	2018 GMC SIERRA PICKUP TRUCK EXT CAB 4X2	GMC	SIERRA	1GTR1LEH4Z199880	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	JIM A VIVES	01/30/2018	17,218.33
08-030	E0029234	TRUCK 2014/FORD F-250 REG CAB 4X2 PICKUP	FORD	F250	1FTBF2A67EAA16602	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	JIM VIVES	11/13/2013	2,657.92
08-084	E0045737	TRUCK 2017 FORD F350 EXT CAB PICKUP 4X2	FORD	F350	1FT8X3A65HEE34402	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	GARCIA, JESUS	01/29/2018	21,953.63
09-388	E0019896	TRUCK 2011/FORD F-350 REG CAB 4X2 W/40" SERVICE BODY	FORD	F-350	1FDBF3A6XBEA30961	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	VIVES, JIM	10/04/2010	0.00
09-389	E0019897	TRUCK 2011/FORD F-350 REG CAB 4X2 W/40" SERVICE BODY	FORD	F-350	1FDBF3A61BEA30962	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	PENA, CHRISTOPHER	10/04/2010	0.00
126C-002	E0025805	TRUCK2012/FREIGHTLINER M2112 REG CAB CNG (ORL TAG #21C-008)	FREIGHTLINER	BUSINESS CLASS M2	1FVACS5X8CHBS0285	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	VIVES, JIM	07/12/2012	62,135.21
128-001	E0007550	TRUCK FORD/06 F350 REG CAB SWR/UTLTY BDY(ORL TAG#13-414)	FORD	F350 XL SUPER DUTY	1FDWF36Y46EC86403	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	PENA, CHRISTOPHER	04/01/2008	0.00
128-011	E0002936	TRUCK CHEV/06 RODDER CONVENTIONAL CAB(ORL TAG#21-265)	CHEVY	C5500	1GBG5C1G46F404717	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	PENA, CHRISTOPHER	08/01/2006	0.00
128-017	E0029635	TRUCK 2013/FORD F-650 W/MODEL 877 RODDER(ORL TAG#21-316)	FORD	F650	3FRNF6HP3DV023765	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	PENA, CHRISTOPHER	02/05/2014	84,114.85
128-020	E0041914	TRUCK RODDER 2016/FORD F650 REG CAB	FORD	F450	1FD0W4GY2GEB43252	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	PENA, CHRISTOPHER	10/11/2016	136,841.39
129-014	E0049601	TRUCK 2016 FORD F450 QUAD CAB 4X2 INSPECTION	FORD	F450	1FD0W4GY2GEB43252	D602	Downey - 11282 S. Garfield Ave. 90242 (Hollydale Yard)	7418	E	Jim Vives	CHRISTOPHER PENA	04/18/2018	47,005.08
129-015	E0053196	2019 FORD F450 TRUCK CREW CAB UTILITY BODY SEWER INSPECT	FORD	F450	1FD0W4GY8KEC51707	D602	Downey - 11282 S. Garfield Ave. 90242 (Hollydale Yard)	7418	E	Jim Vives	CHRISTOPHER PENA	07/16/2019	78,097.62

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TAG NUMBER	FA NUMBER	ASSET DESC	MANUFACTURER	MODEL NUMBER	SR NUMBER	LOC CD	LOC DESC	SLOC	FA TYPE	CUSTODIAN NAME	END USER	ACQ DATE	NET BOOK VALUE
DTW310 01	1056594	VAC PRESS TANK THOMPSON TRLRMTD TW-310	THOMPSON TANK	WTN-120-8000	1T9TA382111.405369	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	VIVES, JIM	03/01/2001	0.00
1378228 01	P0006833	JACK-HEIN/WERNER TON			M-X10-10	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	BRADFORD, PAUL	05/01/1983	1,062.66
1430055 01	P0006993	CONC SAW-TARGET PACII 805			84926	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	BRADFORD, PAUL	01/01/1985	1,148.20
1543872 01	P0007738	DYNA HOST TRIPOD SYS F/CONFINED SPACE	PACIFIC SAFETY E	506213	H0204	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	GARCIA, JESUS	04/01/1992	2,085.84
1543874 01	P0007739	DYNA HOST TRIPOD SYS F/CONFINED SPACE	PACIFIC SAFETY E	506213	H0223	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	GARCIA, JESUS	04/01/1992	2,085.84
1543875 01	P0007740	DYNA HOST TRIPOD SYS F/CONFINED SPACE	PACIFIC SAFETY E	506213	H0206	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	GARCIA, JESUS	04/01/1992	2,085.84
1543876 01	P0007741	SELF RETRACTABLE LIFELINE			911652	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	BRADFORD, PAUL	04/01/1992	2,085.84
1543877 01	P0007742	SELF RETRACTABLE LIFELINE			911654	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	BRADFORD, PAUL	04/01/1992	2,085.84
1543878 01	P0007743	SELF RETRACTABLE LIFELINE			911622	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	BRADFORD, PAUL	04/01/1992	2,085.84
1547621 01	P0007794	SELF RETRACTABLE LIFELINE			911627	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	WEATHERSBEE, RA	04/01/1992	2,085.84
1547673 01	P0007813	DUSTER ROACH KOHLER	KOHLER		2200905703	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	BRADFORD, PAUL	04/01/1992	2,085.83
1562246 01	1051143	SHORING BOX TRENCH & PANELS	STRUTS			I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	GARCIA, JESUS	05/01/1992	3,891.59
1562330 01	P0007911	WINCH ASSEMBLY REMOTE POWER WN		W/1000	2221	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	BRADFORD, PAUL	01/01/1994	0.00
1562489 01	P0007942	WINCH ASSEMBLY CUES W/D13236	CUES		2284	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	BRADFORD, PAUL	02/01/1994	4,735.94
1562492 01	1051549B	CAMERA CVR 460 CUES W/D13236	CUES	CVR 460	4677	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	13-411	01/01/1995	4,800.44
1563219 01	1054193B	CUTTER ROOT LUMBERJACK	LUMBERJACK			I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	S-441	03/01/1999	0.00
1563453 01	1058921A	CAMERA TV CUES PAN&TILT W/ 13-236	CUES	NITEOWL PAN&TILT	1053001500402	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	E	Jim Vives	13-236	06/01/2002	0.00

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PW29288	P0028937	CAMERA DIGITAL CASIO EXZ700 EXLIM 7MP	CASIO	EXZ700 EXLIM 7MP	80013821AD	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	PRYOR, JAMES	06/01/2007	319.34
PW29545	P0029217	CAMERA CASIO DIGITAL EXZ1050 EXLIM	CASIO	EXZ1050 EXLIM DIGTL	30002887AV	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	VIVES, JIM	08/01/2007	319.36
PW29928	P0029588	MONITOR DELL ULTRASHARP 1908FP	DELL	ULTRASHARP 1908FP	CN0DY8404663375M3RFU	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	PENA, CHRIS	09/01/2007	268.86
PW31908	P0033082	GENERATOR POWER MAX XP10000E W/13-443	POWER MAX	XP10000E		I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	13-443	02/26/2009	1,623.75
PW31909	P0033081	MIXER CEMENT MULTIQJIP W/13-443	MULTIQJIP INC	MC-64	BZ751042	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	13-443	02/26/2009	2,814.50
PW32770	P0032501	HP L2445W LCD DISPLAY	HP	L2445W LCD DISPLAY	3CQ9190W3W	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	ZYADA, SAMIR	09/29/2009	285.24
PW33927	P0034067	MONITOR HP LA2205WG	HP	LA2205WG	3CQ0262WKM	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	PRYOR, JAMES	08/31/2010	192.06
PW34469	P0034434	MONITOR HP LP2405WG	HP	LP2405WG	CN4039019V	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	MODLIN, GEORGE	11/09/2010	271.08
PW36399	P0037728	HP LA2306X MONITOR	HP	LA2306X	3CQ2190H9D	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	VIVES, JIM	06/20/2012	179.00
PW37922	P0040589	HP LA2306X MONITOR	HP	LA2306X	3CQ3140F96	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	PUSSMAN, CHRIS	08/26/2013	204.04
PW38965	P0041931	PROTOTEK LF 2000 DIGITAL LOCATOR W/13-499	PROTOTEK	LF2000	122368	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	VIVES, JIM	04/16/2014	1,956.55
PW38966	P0041932	TOSHIBA DVD VIDEO RECORDER DR430KU W/13-499	TOSHIBA	DR430	D31C1983KU6301	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	W/13-499	04/16/2014	661.63
PW38967	P0041933	VIEWSONIC VT2405 LED-2M MONITOR W/13-499	VIEWSONIC	VT2405 LED	T88132200895	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	W/13-499	04/16/2014	715.03
PW38968	P0041934	VIEWSONIC VT2405 LED-2M MONITOR W/13-499	VIEWSONIC	VT2405 LED	T88132201119	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	W/13-499	04/16/2014	715.03
PW38969	P0041935	VIEWSONIC VT2405 LED-2M MONITOR W/13-499	VIEWSONIC	VT2405 LED	T88132201135	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	W/13-499	04/16/2014	715.03
PW39170	P0041936	REAR VIEW FOR CPR WITH POWER LIFT CAMERA W/13-499	CUES	WM345	13111503	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	VIVES, JIM	04/16/2014	3,815.00
PW41255	P0039885	HONDA EB3000 GENERATOR W/21C-010	HONDA	EB3000	GCBUT-1009137	I603	Irwindale - 2849 S. Myrtle Ave 91701 (SM East Yard)	9424	P	Jim Vives	21C-010	04/10/2013	1,977.26

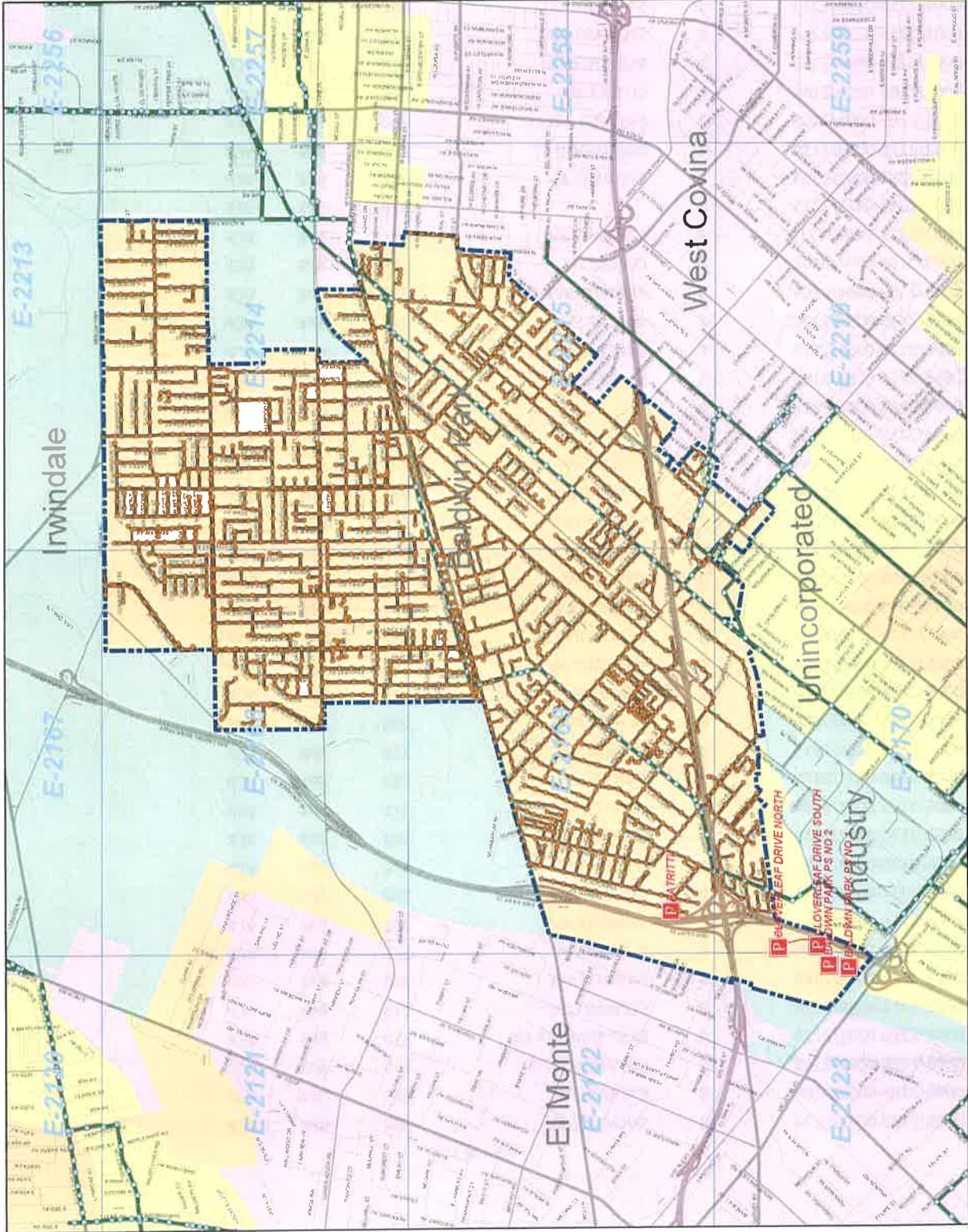
APPENDIX D
INVENTORY OF COLLECTION FACILITIES

Sewer Facilities in the City of Baldwin Park



Legend

- SMD Manholes
- Trunk Manholes
- SMD Pump Stations
- SMD Gravity Sewers
- SMD Force Mains
- SMD Siphons
- Trunk Mains
- SMD Operations Maps



PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0008/2214-0009/2214	8	STEWART AV	251	BPK	VCP
0008/2215-0009/2215	8	RAMONA BV	106	BPK	VCP
0008/2215-0650/2169	8	RAMONA BV	279	BPK	VCP
0009/2168-0010/2168	8	LOS ANGELES ST	151	BPK	VCP
0009/2169-0010/2169	8	PATRITTI AVE	318	BPK	VCP
0009/2170-0010/2170	8	HENSEL ST	128	BPK	VCP
0009/2170-0012/2170	8	SYRACUSE AV	291	BPK	VCP
0009/2214-0010/2214	8	STEWART ST	310	BPK	VCP
0009/2215-0010/2215	8	RAMONA BV	285	BPK	VCP
0010/2168-0030/2168	8	LOS ANGELES ST	220	BPK	VCP
0010/2168-0273/2168	8	BRESEE AV	331	BPK	VCP
0010/2169-0011/2169	8	PATRITTI AVE	329	BPK	VCP
0010/2170-0011/2170	8	HENSEL ST	320	BPK	VCP
0010/2213-0286/2214	10	MAINE AV	345	BPK	VCP
0010/2214-0011/2214	8	STEWART ST	376	BPK	VCP
0010/2215-0011/2215	8	RAMONA BV	350	BPK	VCP
0011/2168-0012/2168	8	ALLEY	217	BPK	VCP
0011/2168-0013/2168	8	BRESEE AV	234	BPK	VCP
0011/2169-0012/2169	8	PATRITTI AVE	387	BPK	VCP
0011/2214-0092/2214	8	STEWART ST	381	BPK	VCP
0011/2215-0012/2215	8	RAMONA BV	350	BPK	VCP
0012/2169-0013/2169	8	PATRITTI AV	174	BPK	VCP
0012/2169-0017/2169	8	TORCH ST	275	BPK	VCP
0012/2169-PUMP STA./2169	8		75	BPK	VCP
0012/2170-0013/2170	8	FARNELL ST	279	BPK	VCP
0012/2214-0013/2214	8		76	BPK	VCP
0012/2214-0284/2168	8		299	BPK	VCP
0012/2215-0013/2215	8	RAMONA BV	350	BPK	VCP
0013/2168-0014/2168	8	BRESEE AV	289	BPK	VCP
0013/2169-0014/2169	8	PATRITTI AV	165	BPK	VCP
0013/2170-TRNK/2170	8	FARNELL ST	279	BPK	VCP
0013/2214-0025/2214	8		159	BPK	VCP
0013/2215-0014/2215	8	RAMONA BV	350	BPK	VCP
0014/2168-0015/2168	8	BRESEE AV	309	BPK	VCP
0014/2170-0015/2170	8	FARNELL ST	243	BPK	VCP
0014/2170-0017/2170	8	WESTCOTT AV	361	BPK	VCP
0014/2170-TRNK/2170	8	FARNELL ST	261	BPK	VCP
0014/2214-0015/2214	8	BENHAM AV	138	BPK	VCP
0014/2215-0015/2215	8	RAMONA BV	350	BPK	VCP
0015/2168-0016/2168	8	BRESEE AV	313	BPK	VCP
0015/2169-0016/2169	8	SYRACUSE AV	266	BPK	VCP
0015/2170-0016/2170	8	FARNELL ST	243	BPK	VCP
0015/2215-0016/2215	8	RAMONA BV	350	BPK	VCP
0016/2168-0017/2168	8	BRESEE AV	309	BPK	VCP
0016/2169-0017/2169	8	SYRACUSE AV	302	BPK	VCP
0016/2214-0017/2214	8	BENHAM AV	220	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0024/2168-0025/2168	8	JERRY AV	306	BPK	VCP
0024/2168-0039/2168	8	PALM AV	354	BPK	VCP
0024/2169-0025/2169	12	SYRACUSE AVE	297	BPK	VCP
0024/2169-0057/2169	8	CHELSFIELD ST	284	BPK	VCP
0024/2214-0025/2214	8		158	BPK	VCP
0024/2214-0693/2214	8	BENHAM AV	90	BPK	VCP
0024/2215-0470/2215	8	BRESEE AV	105	BPK	VCP
0025/2168-0026/2168	8	JERRY AV	302	BPK	VCP
0025/2169-0026/2169	12	SYRACUSE AVE	302	BPK	VCP
0025/2169-0051/2169	8	FINCHLEY ST	286	BPK	VCP
0025/2215-0026/2215	8	BALDWIN PARK BV	347	BPK	VCP
0025/2215-0027/2215	8	BALDWIN PARK BV	277	BPK	VCP
0025/2215-0470/2215	8	BRESEE AV	136	BPK	VCP
0026/2168-0027/2168	8	JERRY AV	282	BPK	VCP
0026/2169-0027/2169	12	SYRACUSE AVE	300	BPK	VCP
0026/2169-0050/2169	8	AUKLAND ST	290	BPK	VCP
0026/2214-0027/2214	8		350	BPK	VCP
0026/2215-0434/2169	8	BALDWIN PARK BV	298	BPK	VCP
0027/2168-0028/2168	8	JERRY AV	263	BPK	VCP
0027/2169-0028/2169	12	SYRACUSE AVE	301	BPK	VCP
0027/2169-0045/2169	8	ROYSTON ST	311	BPK	VCP
0027/2214-0039/2214	8		328	BPK	VCP
0027/2215-0028/2215	8	BALDWIN PARK BV	280	BPK	VCP
0028/2168-0029/2168	8	ALLEY	150	BPK	VCP
0028/2169-0029/2169	12	SYRACUSE AVE	292	BPK	VCP
0028/2169-0044/2169	8	SALISBURY ST	276	BPK	VCP
0028/2214-0029/2214	8	JOANBRIDGE ST	206	BPK	VCP
0028/2214-0031/2214	8	LA RICA AV	268	BPK	VCP
0028/2215-0029/2215	8	BALDWIN PARK BV	229	BPK	VCP
0028/2215-0032/2215	8	SUSQUEHANNA AV	160	BPK	VCP
0029/2169-0037/2169	8	BLENHEIM ST	217	BPK	VCP
0029/2169-0722/2169	12	SYRACUSE AVE	201	BPK	VCP
0029/2214-0030/2214	8	JOANBRIDGE ST	362	BPK	VCP
0029/2215-0030/2215	8	BALDWIN PARK BV	352	BPK	VCP
0029/2215-0035/2215	8	STEWART AV	353	BPK	VCP
0030/2168-0031/2168	8	LOS ANGELES ST	110	BPK	VCP
0030/2168-0274/2168	8		315	BPK	VCP
0030/2169-0031/2169	8	RAMONA BLVD	278	BPK	VCP
0030/2169-0722/2169	12	SYRACUSE AVE	52	BPK	VCP
0030/2215-0031/2215	8	BALDWIN PARK BV	250	BPK	VCP
0031/2168-0032/2168	8	LOS ANGELES ST	340	BPK	VCP
0031/2169-0032/2169	8	RAMONA BLVD	304	BPK	VCP
0031/2214-0032/2214	8	CRAGMONT ST	270	BPK	VCP
0031/2214-0034/2214	8	LA RICA AV	262	BPK	VCP
0032/2168-0060/2168	8	LOS ANGELES ST	124	BPK	VCP
0032/2168-0250/2168	8	MERCED AV	88	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0042/2214-0059/2214	8	NUBIA ST	184	BPK	VCP
0042/2215-0043/2215	8	BALDWIN PARK BV	250	BPK	VCP
0043/2168-0322/2168	8	ELWYN DR	314	BPK	VCP
0043/2168-C.O./2168	8	KENMORE ST	309	BPK	VCP
0043/2169-0044/2169	8	SALISBURY ST	268	BPK	VCP
0043/2214-0044/2214	8	CHILCOT ST	282	BPK	VCP
0043/2214-0046/2214	10	LA RICA AV	266	BPK	VCP
0043/2215-0044/2215	8	BALDWIN PARK BV	220	BPK	VCP
0044/2168-0176/2168	8	KENMORE ST	100	BPK	VCP
0044/2168-0595/2169	8	KENMORE ST	100	BPK	VCP
0044/2214-0045/2214	8	CHILCOT ST	266	BPK	VCP
0044/2215-0045/2215	8	STERLING DR	412	BPK	VCP
0045/2168-0046/2168	12	WALNUT ST	260	BPK	VCP
0045/2169-0046/2169	8	ROYSTON ST	251	BPK	VCP
0045/2215-0046/2215	8	STERLING DR	343	BPK	VCP
0046/2168-0047/2168	12	WALNUT ST	274	BPK	VCP
0046/2214-0047/2214	8	CALAIS ST	269	BPK	VCP
0046/2214-0049/2214	10	LA RICA AV	264	BPK	VCP
0047/2168-0048/2168	8	PALM AV	241	BPK	VCP
0047/2168-0050/2168	12	WALNUT ST	342	BPK	VCP
0047/2169-0048/2169	8	BARNES AVE	229	BPK	VCP
0047/2169-0106/2169	8	ROYSTON ST	290	BPK	VCP
0047/2214-0048/2214	8	CALAIS ST	287	BPK	VCP
0047/2215-0052/2215	8	LARICA AV	221	BPK	VCP
0048/2168-0049/2168	8	PALM AV	255	BPK	VCP
0048/2169-0053/2169	8	BARNES AVE	309	BPK	VCP
0048/2169-0101/2169	8	WACO ST	182	BPK	VCP
0048/2215-0049/2215	8	MAIN AV	296	BPK	VCP
0048/2215-0179/2215	8	MAINE AV	214	BPK	VCP
0049/2169-0050/2169	8	AUKLAND ST	249	BPK	VCP
0049/2214-0050/2214	8	ANADA ST	198	BPK	VCP
0049/2214-0052/2214	10	LA RICA AV	250	BPK	VCP
0049/2215-0050/2215	8	MAIN AV	306	BPK	VCP
0050/2168-0051/2168	12	WALNUT ST	318	BPK	VCP
0050/2214-0051/2214	8	ANADA ST	249	BPK	VCP
0050/2215-0051/2215	8	MAIN AV	304	BPK	VCP
0051/2168-0052/2168	12	WALNUT ST	94	BPK	VCP
0051/2169-0052/2169	8	FINCHLEY ST	265	BPK	VCP
0051/2215-0052/2215	8	MAIN AV	350	BPK	VCP
0052/2168-0053/2168	8		98	BPK	VCP
0052/2168-0056/2168	12	WALNUT ST	255	BPK	VCP
0052/2214-0053/2214	8	MASLINE ST	206	BPK	VCP
0052/2214-0095/2214	10	LA RICA AV	270	BPK	VCP
0052/2215-0053/2215	8	MAIN AV	44	BPK	VCP
0053/2168-0054/2168	8		74	BPK	VCP
0053/2168-0055/2168	8		208	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0064/2215-0065/2215	10	MACDEVITT ST	157	BPK	VCP
0065/2168-0122/2168	15	LOS ANGELES ST	301	BPK	VCP
0065/2168-0174/2168	15	CENTER ST	205	BPK	VCP
0065/2169-0066/2169	8	BARNES AVE	186	BPK	VCP
0065/2169-0084/2169	8	DUTHIE ST	374	BPK	VCP
0065/2214-0066/2214	8	LARRY AV	378	BPK	VCP
0065/2214-0068/2214	8	NUBIA ST	318	BPK	VCP
0065/2215-0066/2215	10	MACDEVITT ST	323	BPK	VCP
0066/2168-0067/2168	8	LOS ANGELES ST	310	BPK	VCP
0066/2168-0069/2168	8	CENTER ST	219	BPK	VCP
0066/2168-0123/2168	8	LOS ANGELES ST	277	BPK	VCP
0066/2169-0644/2169	8	BESS AVE	235	BPK	VCP
0066/2214-0067/2214	8	LARRY AV	378	BPK	VCP
0066/2215-0083/2215	10	AHERN DR	241	BPK	VCP
0067/2168-0068/2168	8	LOS ANGELES ST	217	BPK	VCP
0067/2169-0068/2169	8	BESS AVE	350	BPK	VCP
0067/2215-0068/2215	8	FEATHER AV	308	BPK	VCP
0068/2214-0069/2214	8	WIMMER AV	381	BPK	VCP
0068/2214-0071/2214	8	NUBIA ST	162	BPK	VCP
0068/2215-0091/2215	8	FEATHER AV	290	BPK	VCP
0069/2168-0070/2168	8		130	BPK	VCP
0069/2168-0072/2168	8	CENTER ST	78	BPK	VCP
0069/2169-0070/2169	8	TORCH ST	131	BPK	VCP
0069/2214-0070/2214	8	WIMMER AV	381	BPK	VCP
0069/2215-0083/2215	8	CEDARWOOD ST	350	BPK	VCP
0070/2168-0071/2168	8		180	BPK	VCP
0070/2169-0071/2169	8		350	BPK	VCP
0070/2169-0072/2169	8	TORCH ST	185	BPK	VCP
0070/2215-0071/2215	8	MAINE AV	288	BPK	VCP
0071/2215-0072/2215	8	MAINE AV	313	BPK	VCP
0072/2168-0073/2168	8	CENTER ST	74	BPK	VCP
0072/2169-0073/2169	8	TORCH ST	249	BPK	VCP
0072/2214-0073/2214	8	CALAIS ST	259	BPK	VCP
0072/2214-0074/2214	8	BALDWIN PARK AV	259	BPK	VCP
0072/2215-0075/2215	8	MERCED AV	354	BPK	VCP
0072/2215-0076/2215	12	MERCED AV	252	BPK	VCP
0073/2168-0074/2168	8		193	BPK	VCP
0073/2168-0077/2168	8	CENTER ST	83	BPK	VCP
0073/2169-0074/2169	8	MARLINDA AV	80	BPK	VCP
0073/2169-0076/2169	15	TORCH ST	154	BPK	VCP
0073/2215-0074/2215	8	MAINE AV	223	BPK	VCP
0074/2168-0075/2168	8		95	BPK	VCP
0074/2168-0076/2168	8		107	BPK	VCP
0074/2169-0075/2169	8	MARLINDA AV	254	BPK	VCP
0074/2214-0075/2214	8	ANADA ST	399	BPK	VCP
0074/2214-0076/2214	8	BALDWIN PARK AV	261	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0086/2214-0087/2214	8	SCHOOL ST	156	BPK	VCP
0086/2214-0088/2214	8	WIMMER AV	333	BPK	VCP
0086/2215-0087/2215	8	HAVENBROOK AV	350	BPK	VCP
0086/2215-0088/2215	10	AHERN DR	251	BPK	VCP
0087/2169-0088/2169	8	WESTCOTT AVE	301	BPK	VCP
0088/2168-0089/2168	8	MONTEREY AV	248	BPK	VCP
0088/2214-0089/2214	8	WIMMER AV	333	BPK	VCP
0088/2215-0089/2215	10	AHERN DR	255	BPK	VCP
0088/2215-0093/2215	8	MOSSBERG ST	214	BPK	VCP
0089/2168-0337/2168	8		310	BPK	VCP
0089/2169-0090/2169	8	FAIRGROVE ST	247	BPK	VCP
0089/2215-0090/2215	10	AHERN DR	286	BPK	VCP
0090/2168-0091/2168	8	CENTER ST	251	BPK	VCP
0090/2168-0336/2168	8	CENTER ST	167	BPK	VCP
0090/2214-0091/2214	8	GATES ST	321	BPK	VCP
0091/2169-0092/2169	8	CHELSFIELD ST	229	BPK	VCP
0091/2215-0092/2215	8	FEATHER AV	282	BPK	VCP
0092/2168-0093/2168	8	GRACE AV	222	BPK	VCP
0092/2168-0583/2169	8	GRACE AV	265	BPK	VCP
0092/2214-0093/2214	12	OLIVE ST	90	BPK	VCP
0092/2214-0208/2168	12	OLIVE ST	341	BPK	VCP
0092/2215-0093/2215	8	MOSSBERG ST	219	BPK	VCP
0092/2215-0094/2215	8	FEATHER AV	227	BPK	VCP
0093/2168-0094/2168	8	MORGAN ST	83	BPK	VCP
0093/2169-0094/2169	8	WESTCOTT CR	91	BPK	VCP
0093/2170-0094/2170	8	DALEWOOD ST	169	BPK	VCP
0093/2214-0094/2214	12	OLIVE ST	282	BPK	VCP
0094/2169-0095/2169	8	WESTCOTT AV	206	BPK	VCP
0094/2214-0095/2214	12	OLIVE ST	290	BPK	VCP
0094/2215-0095/2215	8	CUTLER AV	105	BPK	VCP
0094/2215-0096/2215	8	FEATHER AV	222	BPK	VCP
0095/2168-0096/2168	8	MORGAN ST	186	BPK	VCP
0095/2169-0096/2169	8	FINCHLEY ST	199	BPK	VCP
0095/2169-0097/2169	8	FINCHLEY ST	131	BPK	VCP
0095/2169-0099/2169	8	WESTCOTT AV	121	BPK	VCP
0095/2170-0096/2170	8	NOLINA AV	346	BPK	VCP
0095/2214-0096/2214	8	OLIVE ST	308	BPK	VCP
0096/2168-0097/2168	8	MORGAN ST	234	BPK	VCP
0096/2170-0097/2170	8	NOLINA AV	117	BPK	VCP
0096/2214-0097/2214	8	OLIVE ST	308	BPK	VCP
0096/2215-0097/2215	8	BRESEE AV	109	BPK	VCP
0096/2215-0098/2215	8	FEATHER AV	113	BPK	VCP
0097/2168-0098/2168	18	HARLAN AV	271	BPK	VCP
0097/2168-0101/2168	18	HARLAN AV	155	BPK	VCP
0097/2169-0098/2169	8	FINCHLEY ST	141	BPK	VCP
0097/2170-0099/2170	10	LEDFORD ST	232	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0108/2170-0109/2170	8	AMAR RD	346	BPK	VCP
0108/2214-0109/2214	12	OLIVE ST	361	BPK	VCP
0108/2215-0109/2215	8	STICHMAN AV	133	BPK	VCP
0108/2215-0267/2215	8	STICHMAN AV	147	BPK	VCP
0109/2168-0110/2168	8	PALM AV	181	BPK	VCP
0109/2168-0131/2168	8	FILHURST AV	315	BPK	VCP
0109/2169-0125/2169	8		327	BPK	VCP
0109/2169-0672/2169	8	SALISBURY ST	123	BPK	VCP
0109/2170-0110/2170	8	AMAR RD	229	BPK	VCP
0109/2214-0110/2214	12	OLIVE ST	397	BPK	VCP
0109/2215-CO/2215	8	STICHMAN AV	145	BPK	VCP
0110/2168-0111/2168	8	PALM AV	231	BPK	VCP
0110/2169-0111/2169	8		199	BPK	VCP
0110/2214-0337/2214	12	OLIVE ST	206	BPK	VCP
0110/2215-0279/2215	8	BRESEE PL	273	BPK	VCP
0111/2168-0112/2168	18	PALM AV	242	BPK	VCP
0111/2168-0124/2168	8	HARLAN AV	211	BPK	VCP
0111/2170-0112/2170	8	AMAR RD	346	BPK	VCP
0111/2170-0115/2170	10	FRAZIER ST	208	BPK	VCP
0111/2214-0264/2168	8	BELLBROOK ST	201	BPK	VCP
0111/2215-0112/2215	8	JEANETTE LN	304	BPK	VCP
0111/2215-0115/2215	8	MERCED AV	351	BPK	VCP
0112/2168-0113/2168	8	PALM AV	162	BPK	VCP
0112/2168-0114/2168	8	HORNBROOK AV	306	BPK	VCP
0112/2169-0113/2169	8		120	BPK	VCP
0112/2169-0117/2169	8		275	BPK	VCP
0112/2170-0113/2170	8	AMAR RD	346	BPK	VCP
0112/2214-0113/2214	8	STEWART AV	133	BPK	VCP
0112/2215-0113/2215	8	JEANETTE LN	342	BPK	VCP
0113/2168-WEST/2168	8	PALM AV	55	BPK	VCP
0113/2169-0114/2169	8		125	BPK	VCP
0113/2170-0114/2170	8	AMAR RD	346	BPK	VCP
0113/2214-0114/2214	8	STEWART AV	251	BPK	VCP
0113/2214-0120/2214	8	BROOKPORT ST	299	BPK	VCP
0113/2215-0137/2215	8	JEANETTE LN	320	BPK	VCP
0114/2168-0115/2168	8	HORNBROOK AV	271	BPK	VCP
0114/2169-0115/2169	8		350	BPK	VCP
0114/2214-0115/2214	8	STEWART AV	363	BPK	VCP
0114/2214-0122/2214	8	BELLBROOK ST	203	BPK	VCP
0114/2215-0115/2215	8	BIG DALTON AV	304	BPK	VCP
0114/2215-0279/2215	8	BIG DALTON AV	297	BPK	VCP
0115/2168-0116/2168	8	HORNBROOK AV	272	BPK	VCP
0115/2169-0116/2169	8		360	BPK	VCP
0115/2170-0116/2170	10	FRAZIER ST	208	BPK	VCP
0115/2214-0116/2214	8	STEWART AV	262	BPK	VCP
0115/2214-0124/2214	8	BENWOOD ST	264	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0124/2168-0125/2168	8	HARLAN AV	347	BPK	VCP
0124/2169-0125/2169	8	RHODES LN	374	BPK	VCP
0124/2170-0125/2170	10	BESS AV	212	BPK	VCP
0124/2215-0125/2215	8		286	BPK	VCP
0125/2168-0126/2168	8	HARLAN AV	329	BPK	VCP
0125/2170-0197/2170	10	BESS ST	352	BPK	VCP
0125/2214-0126/2214	8	LA RICA AV	287	BPK	VCP
0125/2215-0126/2215	8		254	BPK	VCP
0126/2168-0127/2168	8	HARLAN AV	368	BPK	VCP
0126/2169-0127/2169	8	SN GBRL R PKY	288	BPK	VCP
0126/2169-0138/2169	8	WACO ST	252	BPK	VCP
0126/2170-0127/2170	8	SHAVER ST	57	BPK	VCP
0126/2214-0127/2214	8	LA RICA AV	287	BPK	VCP
0126/2215-0127/2215	8		168	BPK	VCP
0127/2169-0128/2169	8	SN GBRL R PKY	270	BPK	VCP
0127/2170-0128/2170	8	SHAVER ST	335	BPK	VCP
0127/2214-0129/2214	8	LA RICA AV	287	BPK	VCP
0127/2215-0128/2215	8		218	BPK	VCP
0128/2168-0129/2168	8	FILHURST AV	360	BPK	VCP
0128/2169-0129/2169	8	SN GBRL R PKY	259	BPK	VCP
0128/2170-0129/2170	8	JUDITH ST	139	BPK	VCP
0128/2214-0129/2214	8	BENBOW ST	264	BPK	VCP
0129/2168-0130/2168	8	FILHURST AV	291	BPK	VCP
0129/2169-0130/2169	8	SN GBRL R PKY	293	BPK	VCP
0129/2170-0130/2170	8	JUDITH ST	107	BPK	VCP
0129/2214-0130/2214	8	BENBOW ST	268	BPK	VCP
0129/2215-0130/2215	8	REXWOOD ST	183	BPK	VCP
0129/2215-0430/2169	8	REXWOOD ST	401	BPK	VCP
0130/2168-0131/2168	8	FILHURST AV	278	BPK	VCP
0130/2169-0131/2169	8	SN GBRL R PKY	256	BPK	VCP
0130/2170-0131/2170	8	JUDITH ST	107	BPK	VCP
0130/2214-0131/2214	8	BENBOW ST	285	BPK	VCP
0130/2214-0133/2214	8	EDRA AV	173	BPK	VCP
0130/2215-0450/2215	8	REXWOOD ST	137	BPK	VCP
0131/2169-0132/2169	8	SN GBRL R PKY	266	BPK	VCP
0131/2170-0132/2170	8	JUDITH ST	128	BPK	VCP
0131/2214-0132/2214	8	BENBOW ST	99	BPK	VCP
0131/2215-TRNK/2215	8	ROCKWAY DR	78	BPK	VCP
0132/2168-0133/2168	12	LOS ANGELES ST	196	BPK	VCP
0132/2215-0133/2215	8		350	BPK	VCP
0132/2215-TRNK/2215	8	VINELAND AV	56	BPK	VCP
0133/2168-0348/2168	12		78	BPK	VCP
0133/2169-0134/2169	8	COSBEY AVE	375	BPK	VCP
0133/2214-0134/2214	8	EDRA AV	248	BPK	VCP
0134/2168-0348/2168	12		162	BPK	VCP
0134/2168-0349/2168	12	LITTLEJOHN ST	95	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0146/2214-0147/2214	8	ROCKENBACH ST	305	BPK	VCP
0146/2215-0147/2215	15	BIG DALTON AV	278	BPK	VCP
0147/2168-0148/2168	8	DEMBLON ST	230	BPK	VCP
0147/2169-0222/2169	8	EGIL AVE	240	BPK	VCP
0147/2214-0148/2214	8	ROCKENBACH ST	305	BPK	VCP
0147/2215-0148/2215	15	BIG DALTON AV	239	BPK	VCP
0148/2168-0149/2168	8	DEMBLON ST	230	BPK	VCP
0148/2168-0152/2168	8	HARLAN AV	226	BPK	VCP
0148/2169-0149/2169	10	ATHOL ST	294	BPK	VCP
0148/2215-0149/2215	15	BIG DALTON AV	193	BPK	VCP
0149/2169-0150/2169	10	FRANCISQUITO AV	198	BPK	VCP
0149/2169-0182/2169	8	FRANCISQUITO AV	252	BPK	VCP
0149/2169-0183/2169	8		211	BPK	VCP
0149/2214-0193/2214	8	BENHAM AV	282	BPK	VCP
0149/2215-0150/2215	8	CORAK ST	320	BPK	VCP
0149/2215-0152/2215	15	BIG DALTON AV	66	BPK	VCP
0150/2168-0151/2168	8	BELGATE ST	44	BPK	VCP
0150/2169-0151/2169	10	FRANCISQUITO AV	222	BPK	VCP
0150/2214-0151/2214	8	LA RICA AV	65	BPK	VCP
0150/2215-0472/2215	8	DUNDRY AVE	220	BPK	VCP
0151/2168-0152/2168	8	BELGATE ST	199	BPK	VCP
0151/2168-0171/2168	8		251	BPK	VCP
0151/2169-0152/2169	10	FRANCISQUITO AV	228	BPK	VCP
0151/2214-0152/2214	8	BELGATE ST	305	BPK	VCP
0151/2214-0194/2214	8	LA RICA AV	257	BPK	VCP
0151/2214-0682/2214	8		148	BPK	VCP
0151/2215-0464/2215	8		300	BPK	VCP
0151/2215-TRNK/2215	8		35	BPK	VCP
0152/2168-0160/2168	8	HARLAN AV	259	BPK	VCP
0152/2169-0153/2169	10	FRANCISQUITO AV	240	BPK	VCP
0152/2215-0153/2215	15	BIG DALTON AV	36	BPK	VCP
0153/2168-0154/2168	8	BELGATE ST	175	BPK	VCP
0153/2214-0154/2214	12	BALDWIN PARK AV	308	BPK	VCP
0153/2215-0154/2215	8	BIG DALTON AV	317	BPK	VCP
0153/2215-0157/2215	15		269	BPK	VCP
0154/2168-0155/2168	8	BELGATE ST	241	BPK	VCP
0154/2169-0155/2169	8	ALLEY	201	BPK	VCP
0154/2214-0155/2214	12	BALDWIN PARK AV	308	BPK	VCP
0154/2215-0155/2215	8	BIG DALTON AV	284	BPK	VCP
0155/2168-0156/2168	8	HORN BROOK AV	191	BPK	VCP
0155/2169-0156/2169	8	ALLEY	243	BPK	VCP
0155/2214-0156/2214	12	BALDWIN PARK AV	325	BPK	VCP
0156/2168-0157/2168	8	HORN BROOK AV	201	BPK	VCP
0156/2169-0157/2169	8	ALLEY	248	BPK	VCP
0156/2169-0184/2169	8	CORAK ST	302	BPK	VCP
0156/2169-0667/2169	8	CORAK ST	241	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0166/2215-0167/2215	8	PUENTE AV	172	BPK	VCP
0167/2169-0168/2169	8	FOSTER AVE	363	BPK	VCP
0167/2214-0168/2214	8	LANDIS AV	271	BPK	VCP
0167/2215-0168/2215	8	PUENTE AV	233	BPK	VCP
0168/2168-C.O./2168	8	GRACE AV	166	BPK	VCP
0168/2169-0169/2169	8	ATHOL ST	130	BPK	VCP
0168/2214-0169/2214	8	LANDIS AV	271	BPK	VCP
0168/2215-0169/2215	8	ALLEY	193	BPK	VCP
0169/2168-0170/2168	8	ROCKENBACH ST	244	BPK	VCP
0169/2169-0170/2169	8	ATHOL ST	264	BPK	VCP
0169/2214-0170/2214	8	LANDIS AV	280	BPK	VCP
0169/2214-0172/2214	8	CAVELL PL	297	BPK	VCP
0169/2215-0170/2215	8	ALLEY	302	BPK	VCP
0170/2168-0171/2168	8	GRACE AV	193	BPK	VCP
0170/2168-C.O./2168	8	GRACE AV	130	BPK	VCP
0170/2169-0171/2169	8	ATHOL ST	273	BPK	VCP
0170/2214-0171/2214	8	LANDIS AV	280	BPK	VCP
0170/2215-0171/2215	8	HALINOR AV	213	BPK	VCP
0170/2215-0173/2215	8	WALNUT CREEK PKWY	154	BPK	VCP
0171/2169-0172/2169	8	ATHOL ST	267	BPK	VCP
0171/2214-0179/2214	8	LANDIS AV	280	BPK	VCP
0171/2215-0172/2215	8	HALINOR AV	174	BPK	VCP
0172/2168-0173/2168	8	JARMAN PL	291	BPK	VCP
0172/2169-0178/2169	8	ATHOL ST	331	BPK	VCP
0172/2169-0201/2169	8	EARL AVE	211	BPK	VCP
0172/2214-0173/2214	8	LARRY AV	122	BPK	VCP
0173/2168-0174/2168	15	CENTER ST	261	BPK	VCP
0173/2168-0175/2168	15	CENTER ST	277	BPK	VCP
0173/2169-0174/2169	8	EARL AVE	263	BPK	VCP
0173/2214-0174/2214	8	BELLBROOK ST	250	BPK	VCP
0173/2214-0175/2214	8	LARRY AV	243	BPK	VCP
0173/2215-0174/2215	8	ARDILLA AV	227	BPK	VCP
0173/2215-0175/2215	8	WALNUT CREEK PKWY	290	BPK	VCP
0174/2169-0175/2169	8	EARL AVE	240	BPK	VCP
0174/2169-0176/2169	8		304	BPK	VCP
0174/2215-SS/2215	8	ARDILLA AV	308	BPK	VCP
0175/2168-0177/2168	8	CENTER ST	342	BPK	VCP
0175/2168-0225/2168	8	ROCKENBACH ST	232	BPK	VCP
0175/2214-0176/2214	8	BROOKPORT ST	200	BPK	VCP
0175/2214-0177/2214	8	LARRY AV	216	BPK	VCP
0175/2215-TRNK/2215	8	WALNUT CREEK PKWY	105	BPK	VCP
0176/2169-0177/2169	8	COSBEY ST	211	BPK	VCP
0176/2215-0177/2215	8	ROBBIE CT	188	BPK	VCP
0176/2215-SS/2215	8	SIESTA AV	282	BPK	VCP
0176/2215-TRNK/2215	8	SIESTA AV	265	BPK	VCP
0177/2168-0178/2168	15	CENTER ST	310	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0188/2214-0209/2214	8	LANDIS AV	219	BPK	VCP
0188/2215-0189/2215	8	RAILROAD AV	350	BPK	VCP
0189/2168-0190/2168	12	CENTER ST	61	BPK	VCP
0189/2168-0199/2168	8	OLIVE ST	153	BPK	VCP
0189/2169-0190/2169	8	FRANCISQUITO AV	54	BPK	VCP
0189/2214-0190/2214	8	SCOTT PL	276	BPK	VCP
0189/2215-0473/2214	8	RAILROAD AV	223	BPK	VCP
0190/2168-0214/2168	12	OLIVE ST	340	BPK	VCP
0190/2169-0191/2169	8	LOMA LN	302	BPK	VCP
0190/2169-0211/2169	8	FRANCISQUITO AV	204	BPK	VCP
0190/2215-0192/2215	8	VIRGINIA AV	286	BPK	VCP
0190/2215-0481/2214	8	VIRGINIA AV	302	BPK	VCP
0191/2169-0192/2169	8	LOMA LN	100	BPK	VCP
0191/2169-0193/2169	8	DOUBLEGROVE ST	198	BPK	VCP
0191/2214-0211/2214	8	OTT PL	326	BPK	VCP
0191/2215-0192/2215	8	CENTRAL AV	262	BPK	VCP
0191/2215-TRNK/2215	8	CENTRAL AV	64	BPK	VCP
0192/2214-0196/2214	8	STEWART AV	269	BPK	VCP
0192/2215-0193/2215	8	CENTRAL AV	216	BPK	VCP
0193/2169-0194/2169	8	DOUBLEGROVE ST	201	BPK	VCP
0193/2214-0197/2214	8	BENHAM AV	315	BPK	VCP
0193/2215-0194/2215	8	CENTRAL AV	236	BPK	VCP
0194/2214-0198/2214	8	LA RICA AV	298	BPK	VCP
0195/2169-0196/2169	8	TORREY CIR	108	BPK	VCP
0195/2169-0198/2169	8	CORAK ST	215	BPK	VCP
0195/2214-0008/2168	8	LOS ANGELES ST	214	BPK	VCP
0195/2215-0196/2215	8	JEREMIE AV	218	BPK	VCP
0195/2215-TRNK/2215	8	VINELAND AV	68	BPK	VCP
0196/2214-0197/2214	8	LOS ANGELES ST	325	BPK	VCP
0196/2214-0201/2214	8	STEWART AV	40	BPK	VCP
0196/2215-0197/2215	8	JEREMIE AV	263	BPK	VCP
0197/2169-0198/2169	8	CEDAR CIR	104	BPK	VCP
0197/2170-0198/2170	10	BALDWIN PARK BV	350	BPK	VCP
0197/2170-0201/2170	10		206	BPK	VCP
0197/2214-0198/2214	8	LOS ANGELES ST	353	BPK	VCP
0197/2215-0198/2215	8	JEREMIE AV	253	BPK	VCP
0198/2169-0199/2169	8	CORAK ST	198	BPK	VCP
0198/2170-0199/2170	10	BALDWIN PARK BV	350	BPK	VCP
0198/2214-0199/2214	8	LOS ANGELES ST	266	BPK	VCP
0199/2168-0200/2168	8	OLIVE ST	77	BPK	VCP
0199/2170-0200/2170	10	BALDWIN PARK BV	350	BPK	VCP
0199/2214-0200/2214	8	LOS ANGELES ST	266	BPK	VCP
0199/2215-0200/2215	8	CHEVALIER AV	249	BPK	VCP
0199/2215-TRNK/2215	8	VINELAND AV	62	BPK	VCP
0200/2168-0201/2168	8	OLIVE ST	313	BPK	VCP
0200/2169-0199/2169	8	LOMA LN	176	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0209/2170-0210/2170	8		305	BPK	VCP
0209/2214-0210/2214	8	LOS ANGELES ST	222	BPK	VCP
0209/2215-TRNK/2215	15	VINELAND AV	66	BPK	VCP
0210/2168-0211/2168	8	OLIVE ST	334	BPK	VCP
0210/2169-0214/2169	8	FRAZIER ST	320	BPK	VCP
0210/2170-0411/2170	8	VIRGINIA AV	250	BPK	VCP
0210/2214-0211/2214	8	LOS ANGELES ST	222	BPK	VCP
0210/2215-0211/2215	8	DOWNING AV	350	BPK	VCP
0211/2168-0212/2168	8	OLIVE ST	352	BPK	VCP
0211/2168-0279/2168	8	MERCED AV	132	BPK	VCP
0211/2169-0212/2169	8	FRAZIER ST	48	BPK	VCP
0211/2214-0212/2214	8	LOS ANGELES ST	102	BPK	VCP
0211/2215-0212/2215	8	DOWNING AV	313	BPK	VCP
0212/2168-0213/2168	12	OLIVE ST	322	BPK	VCP
0212/2169-0213/2169	8	FRAZIER ST	302	BPK	VCP
0212/2169-0215/2169	8	FRAZIER ST	326	BPK	VCP
0212/2215-0213/2215	8		195	BPK	VCP
0213/2168-0214/2168	12	OLIVE ST	318	BPK	VCP
0213/2169-0214/2169	8	FRAZIER ST	273	BPK	VCP
0213/2214-0214/2214	8	LOS ANGELES ST	351	BPK	VCP
0213/2214-0249/2214	8	BALDWIN PARK AV	309	BPK	VCP
0213/2215-0214/2215	8	HOLLY AV	331	BPK	VCP
0213/2215-0216/2215	8		176	BPK	VCP
0214/2214-0215/2214	8	LOS ANGELES ST	351	BPK	VCP
0214/2215-0215/2215	8	HOLLY AV	284	BPK	VCP
0215/2168-0216/2168	10	WALNUT ST	283	BPK	VCP
0215/2169-0216/2169	8	FRAZIER ST	324	BPK	VCP
0215/2214-0216/2214	8	LOS ANGELES ST	351	BPK	VCP
0216/2168-0217/2168	10	WALNUT ST	339	BPK	VCP
0216/2169-0217/2169	8	EMERY AV	54	BPK	VCP
0216/2169-0223/2169	8	FRAZIER ST	221	BPK	VCP
0216/2215-0217/2215	8		217	BPK	VCP
0217/2168-0218/2168	8	BENWOOD ST	269	BPK	VCP
0217/2168-0231/2168	10	WALNUT ST	337	BPK	VCP
0217/2168-0232/2168	8	BENWOOD ST	328	BPK	VCP
0217/2169-0218/2169	8	EMERY AV	292	BPK	VCP
0217/2214-0218/2214	8	STEWART AV	357	BPK	VCP
0217/2215-0218/2215	8		232	BPK	VCP
0218/2169-0219/2169	8	EMERY AV	321	BPK	VCP
0218/2214-0219/2214	8	STEWART AV	264	BPK	VCP
0218/2214-0230/2214	8	CLARK ST	283	BPK	VCP
0218/2215-0219/2215	8	CHANNING ST	41	BPK	VCP
0219/2168-0220/2168	8	MONTEREY AV	254	BPK	VCP
0219/2169-0220/2169	8	EMERY AV	168	BPK	VCP
0219/2214-0220/2214	8	STEWART AV	264	BPK	VCP
0219/2215-0220/2215	8	CHANNING ST	85	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0232/2168-0234/2168	8	KENMORE AV	297	BPK	VCP
0232/2169-0233/2169	8	MANGUM ST	376	BPK	VCP
0232/2214-0233/2214	8	LA RICA AV	247	BPK	VCP
0232/2215-0233/2215	8	STICHMAN AV	335	BPK	VCP
0233/2169-0234/2169	8	WACO ST	199	BPK	VCP
0233/2169-0236/2169	8	WACO ST	256	BPK	VCP
0233/2169-0238/2169	8	MANGUM ST	249	BPK	VCP
0233/2214-0234/2214	8	BALLENTINE PL	258	BPK	VCP
0233/2214-0236/2214	8	LA RICA AV	327	BPK	VCP
0233/2215-0234/2215	8	PACIFIC AV	194	BPK	VCP
0233/2215-SE/2215	8	PACIFIC AV	33	BPK	VCP
0234/2168-0235/2168	8	KENMORE AV	230	BPK	VCP
0234/2169-0235/2169	8	WACO ST	216	BPK	VCP
0234/2214-0235/2214	8	BALLENTINE PL	258	BPK	VCP
0234/2215-TRNK/2215	8	PACIFIC AV	107	BPK	VCP
0235/2168-0236/2168	8	KENMORE AV	206	BPK	VCP
0235/2168-0237/2168	8	BELLBROOK ST	140	BPK	VCP
0235/2215-0236/2215	8	STICHMAN AV	247	BPK	VCP
0236/2169-0237/2169	8	WACO ST	251	BPK	VCP
0236/2214-0237/2214	8	CLARK ST	259	BPK	VCP
0236/2214-0700/2214	8	LA RICA AV	269	BPK	VCP
0236/2215-0237/2215	8	STICHMAN AV	282	BPK	VCP
0237/2214-0238/2214	8	CLARK ST	259	BPK	VCP
0237/2215-0238/2215	8	STICHMAN AV	106	BPK	VCP
0237/2215-TRNK/2215	8	CLYDEWOOD ST	323	BPK	VCP
0238/2168-0239/2168	8	MERCED AV	225	BPK	VCP
0238/2169-0239/2169	8	MANGUM ST	189	BPK	VCP
0239/2168-0240/2168	8	MERCED AV	206	BPK	VCP
0239/2169-0240/2169	8	MANGUM ST	184	BPK	VCP
0239/2214-0240/2214	8	LA RICA AV	304	BPK	VCP
0239/2214-0700/2214	8	LA RICA AV	35	BPK	VCP
0239/2215-0262/2215	8	STICHMAN AV	192	BPK	VCP
0240/2168-0241/2168	8	MERCED AV	333	BPK	VCP
0240/2169-0241/2169	8	MANGUM ST	332	BPK	VCP
0240/2214-0430/2214	8	LA RICA AV	58	BPK	VCP
0240/2215-0241/2215	8	DUNDRY AV	158	BPK	VCP
0240/2215-0339/2215	8	CENTRAL AV	110	BPK	VCP
0241/2168-0242/2168	8	MERCED AV	397	BPK	VCP
0241/2169-0266/2169	8	MANGUM ST	385	BPK	VCP
0241/2169-0267/2169	8	FAIRGROVE ST	344	BPK	VCP
0241/2214-0430/2214	8	LA RICA AV	238	BPK	VCP
0241/2214-0697/2214	8	LA RICA AV	53	BPK	VCP
0242/2168-0243/2168	8	MERCED AV	284	BPK	VCP
0242/2168-0255/2168	8	OHIO ST	314	BPK	VCP
0242/2169-0721/2169	8	FAIRGROVE ST	290	BPK	VCP
0242/2214-0697/2214	8	LA RICA AV	257	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0252/2168-0253/2168	8	JERRY AV	248	BPK	VCP
0252/2169-0253/2169	8	COSBEY AVE	268	BPK	VCP
0252/2214-0271/2214	15	BALDWIN PARK BV	252	BPK	VCP
0252/2214-0686/2214	8	PALM AV	240	BPK	VCP
0253/2168-0254/2168	8	JERRY AV	274	BPK	VCP
0253/2169-0254/2169	8	COSBEY AVE	275	BPK	VCP
0253/2214-0271/2214	15	BALDWIN PARK BV	56	BPK	VCP
0253/2214-0273/2214	8	MORGAN ST	252	BPK	VCP
0253/2215-0254/2215	8	STOCKDALE ST	306	BPK	VCP
0254/2169-0255/2169	8	COSBEY AVE	88	BPK	VCP
0254/2169-0256/2169	8	COSBEY AVE	241	BPK	VCP
0254/2214-0255/2214	8	ALTALAKE AV	368	BPK	VCP
0254/2214-0256/2214	8	CLARK ST	263	BPK	VCP
0254/2215-0260/2215	8	BIG DALTON AV	355	BPK	VCP
0255/2168-0256/2168	8	JERRY AV	295	BPK	VCP
0255/2215-0258/2215	8	STOCKDALE ST	90	BPK	VCP
0256/2168-0257/2168	8	JERRY AV	284	BPK	VCP
0256/2169-0257/2169	12	ATHOL ST	273	BPK	VCP
0256/2169-0259/2169	12	ATHOL ST	237	BPK	VCP
0256/2214-0257/2214	8	LANDIS AV	244	BPK	VCP
0256/2214-0258/2214	8	CLARK ST	258	BPK	VCP
0256/2215-0257/2215	8	MILLBURY AV	76	BPK	VCP
0257/2169-0258/2169	12	ATHOL ST	290	BPK	VCP
0257/2215-0258/2215	8	MILLBURY AV	130	BPK	VCP
0258/2168-0259/2168	8	JERRY AV	263	BPK	VCP
0258/2168-0260/2168	8	DUNIA ST	342	BPK	VCP
0258/2214-0694/2214	8	CLARK ST	109	BPK	VCP
0258/2215-0259/2215	8	MILLBURY AV	231	BPK	VCP
0259/2168-0341/2168	8	JERRY AV	126	BPK	VCP
0259/2169-0260/2169	12	ATHOL ST	230	BPK	VCP
0259/2214-0694/2214	8	CLARK ST	33	BPK	VCP
0259/2215-0280/2215	8	MILLBURY AV	331	BPK	VCP
0260/2168-0261/2168	8	BRESEE AV	303	BPK	VCP
0260/2168-0269/2168	8	BRESEE AV	223	BPK	VCP
0260/2169-0261/2169	15	BESS AVE	234	BPK	VCP
0260/2169-0262/2169	8	BESS AVE	240	BPK	VCP
0260/2214-0261/2214	8	SHADYLAWN PL	50	BPK	VCP
0260/2215-0261/2215	8	CLYDEWOOD ST	272	BPK	VCP
0260/2215-0268/2215	8	BIG DALTON AV	305	BPK	VCP
0261/2168-0262/2168	8	BRESEE AV	257	BPK	VCP
0261/2214-0262/2214	8		122	BPK	VCP
0261/2214-0264/2214	8		104	BPK	VCP
0262/2169-0263/2169	8	BESS AVE	227	BPK	VCP
0262/2214-0263/2214	8		76	BPK	VCP
0262/2215-0263/2215	8	STICHMAN AV	242	BPK	VCP
0263/2168-C.O./2168	8	CUTLER AV	92	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
TRUNK/2169					
0275/2214-0276/2214	8	MORGAN ST	326	BPK	VCP
0275/2215-0276/2215	8	BIG DALTON AV	317	BPK	VCP
0276/2168-0277/2168	8	CUTLER AV	255	BPK	VCP
0276/2169-0277/2169	12	GARVEY AVE	203	BPK	VCP
0276/2169-0279/2169	8		241	BPK	VCP
0276/2214-0277/2214	8	MORGAN ST	96	BPK	VCP
0276/2215-0456/2215	8	BIG DALTON AV	214	BPK	VCP
0277/2168-0324/2168	8		21	BPK	VCP
0277/2169-0278/2169	12	GARVEY AVE	267	BPK	VCP
0277/2214-0278/2214	8	CRICKETT LN	201	BPK	VCP
0277/2215-0278/2215	8	BIG DALTON AV	340	BPK	VCP
0277/2215-0456/2215	8	BIG DALTON AV	75	BPK	VCP
0278/2168-0287/2168	8	KENMORE AV	289	BPK	VCP
0278/2169-0280/2169	8	FAIRGROVE ST	345	BPK	VCP
0278/2169-0361/2169	12	GARVEY AVE	261	BPK	VCP
0278/2215-0279/2215	8	BIG DALTON AV	300	BPK	VCP
0278/2215-0462/2215	8	TELLURIDE DR	251	BPK	VCP
0279/2168-0280/2168	8	MASLINE ST	267	BPK	VCP
0279/2169-0280/2169	8		241	BPK	VCP
0279/2214-0280/2214	8	ROBIN AV	302	BPK	VCP
0280/2168-0281/2168	8	MASLINE ST	216	BPK	VCP
0280/2169-0282/2169	8	ROBINETTE AV	82	BPK	VCP
0280/2169-0283/2169	8	FAIRGROVE ST	318	BPK	VCP
0280/2214-0281/2214	8	ROBIN AV	141	BPK	VCP
0280/2214-0283/2214	8	ALLEY	335	BPK	VCP
0280/2215-0281/2215	8	MILLBURY AV	348	BPK	VCP
0281/2168-0282/2168	8	MASLINE ST	260	BPK	VCP
0281/2168-0308/2168	8	JERRY AV	258	BPK	VCP
0281/2215-0282/2215	8	MILLBURY AV	275	BPK	VCP
0282/2168-0283/2168	8	MASLINE ST	257	BPK	VCP
0282/2168-0309/2168	8	BRESEE AV	303	BPK	VCP
0282/2169-0285/2169	8	ROBINETTE AV	311	BPK	VCP
0282/2214-0283/2214	8	LAURENS AV	214	BPK	VCP
0282/2215-0283/2215	8	CHANNING ST	248	BPK	VCP
0282/2215-0284/2215	8	MILLBURY AV	158	BPK	VCP
0282/2215-0298/2215	8	CHANNING ST	291	BPK	VCP
0283/2168-0284/2168	8	CUTLER AV	261	BPK	VCP
0283/2169-0284/2169	8	FAIRGROVE ST	317	BPK	VCP
0283/2214-0285/2214	8	ALLEY	165	BPK	VCP
0284/2168-0285/2168	8	CUTLER AV	39	BPK	VCP
0284/2214-0285/2214	8	ALLEY	203	BPK	VCP
0284/2215-0285/2215	8	MILLBURY AV	264	BPK	VCP
0285/2168-0286/2168	8	CUTLER AV	300	BPK	VCP
0285/2169-0286/2169	8	ROBINETTE AV	57	BPK	VCP
0286/2168-0288/2168	8	CUTLER AV	305	BPK	VCP
0286/2169-0287/2169	8	ROBINETTE AV	65	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0296/2169-0299/2169	8	WACO ST	146	BPK	VCP
0296/2214-0297/2214	8	CALIFORNIA AV	331	BPK	VCP
0296/2215-0297/2215	8	VAN WIG AV	97	BPK	VCP
0297/2168-L.H./2168	8	CLEARCREST DR	57	BPK	VCP
0297/2169-0298/2169	8	VIA VENADO ST	229	BPK	VCP
0297/2215-0298/2215	8	VAN WIG AV	130	BPK	VCP
0298/2168-0299/2168	8	NUBIA ST	286	BPK	VCP
0298/2168-0313/2168	8	NUBIA ST	123	BPK	VCP
0298/2168-L.H./2168	8	CLEARCREST DR	113	BPK	VCP
0298/2214-0299/2214	8	BALDWIN AV	331	BPK	VCP
0298/2214-0303/2214	10	MAINE AV	300	BPK	VCP
0298/2215-0305/2215	8	CHANNING ST	326	BPK	VCP
0299/2169-0300/2169	8	WACO ST	287	BPK	VCP
0299/2214-0300/2214	8	BALDWIN AV	331	BPK	VCP
0299/2215-0300/2215	8	VAN WIG AV	199	BPK	VCP
0300/2168-0301/2168	8	CHILCOT ST	195	BPK	VCP
0300/2169-0301/2169	8		300	BPK	VCP
0300/2214-0301/2214	8	BALDWIN AV	331	BPK	VCP
0300/2215-0301/2215	8	VAN WIG AV	242	BPK	VCP
0301/2168-0302/2168	8	CHILCOT ST	219	BPK	VCP
0301/2169-0302/2169	8		345	BPK	VCP
0301/2214-0302/2214	8	BALDWIN AV	331	BPK	VCP
0302/2168-0303/2168	8	JERRY AV	250	BPK	VCP
0302/2168-0313/2168	8	JERRY AV	267	BPK	VCP
0302/2215-0303/2215	10	PUENTE AV	358	BPK	VCP
0302/2215-0393/2215	10	PUENTE AV	360	BPK	VCP
0303/2168-0304/2168	8	CALAIS ST	200	BPK	VCP
0303/2168-0308/2168	8	JERRY AV	258	BPK	VCP
0303/2169-0353/2169	8	TRACY ST	54	BPK	VCP
0303/2169-0675/2169	8	TRACY ST	215	BPK	VCP
0303/2214-0304/2214	10	MAINE AV	253	BPK	VCP
0303/2215-0305/2215	10	PUENTE AV	359	BPK	VCP
0304/2168-0305/2168	8	CALAIS ST	209	BPK	VCP
0304/2169-0307/2169	8	TRACY ST	68	BPK	VCP
0304/2169-0675/2169	8	TRACY ST	76	BPK	VCP
0304/2169-0676/2169	8		135	BPK	VCP
0304/2214-0305/2214	10	MAINE AV	253	BPK	VCP
0305/2169-0675/2169	8		290	BPK	VCP
0305/2214-0306/2214	10	MAINE AV	354	BPK	VCP
0305/2215-0306/2215	12	PUENTE AV	202	BPK	VCP
0306/2168-0307/2168	8	ANADA ST	206	BPK	VCP
0306/2169-0307/2169	8		296	BPK	VCP
0306/2214-0337/2214	10	MAINE AV	328	BPK	VCP
0306/2215-0307/2215	8	ALLEY	200	BPK	VCP
0306/2215-0308/2215	12	PUENTE AV	158	BPK	VCP
0307/2168-0308/2168	8	ANADA ST	201	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0318/2215-0320/2215	8	DUTCH ST	247	BPK	VCP
0319/2168-0320/2168	8	COMMERCE DR	364	BPK	VCP
0319/2169-0320/2169	8	FRAZIER ST	45	BPK	VCP
0319/2169-TRNK/2169	8	FRAZIER ST	10	BPK	VCP
0319/2214-0320/2214	8	MARION AV	164	BPK	VCP
0320/2168-0331/2168	8	COMMERCE DR	27	BPK	VCP
0320/2169-0321/2169	8		185	BPK	VCP
0320/2215-0321/2215	8	MAYLAND AV	262	BPK	VCP
0320/2215-0322/2215	8	DUTCH ST	263	BPK	VCP
0321/2168-0331/2168	8	COMMERCE DR	263	BPK	VCP
0321/2169-0322/2169	8		80	BPK	VCP
0321/2214-0322/2214	8	MARION AV	326	BPK	VCP
0322/2169-0323/2169	8		122	BPK	VCP
0322/2214-0323/2214	8	MARION AV	326	BPK	VCP
0322/2215-0434/2215	8	ARDILLA AV	330	BPK	VCP
0322/2215-0435/2215	8	DUTCH ST	109	BPK	VCP
0323/2169-0324/2169	8		101	BPK	VCP
0323/2214-0340/2214	8	MARION AV	326	BPK	VCP
0323/2215-TRNK/2215	8	ALLEY	157	BPK	VCP
0324/2168-0325/2168	8		239	BPK	VCP
0324/2214-0325/2214	8	DOWNING AV	350	BPK	VCP
0324/2214-0672/2214	8	DOWNING AV	303	BPK	VCP
0324/2215-0328/2215	12	MERCED AV	342	BPK	VCP
0325/2169-0326/2169	8		125	BPK	VCP
0325/2169-0328/2169	8		146	BPK	VCP
0325/2169-TRUNK/2169	8		277	BPK	VCP
0325/2214-0326/2214	8	DOWNING AV	352	BPK	VCP
0325/2215-0326/2215	8	GARVEY AV	149	BPK	VCP
0326/2168-0327/2168	8		252	BPK	VCP
0326/2169-0327/2169	8		146	BPK	VCP
0326/2214-0327/2214	10	BLEECKER AV	242	BPK	VCP
0326/2214-0342/2214	10	BLEECKER AV	346	BPK	VCP
0327/2168-0328/2168	8		187	BPK	VCP
0327/2214-0704/2214	10	BLEECKER AV	121	BPK	VCP
0327/2215-0328/2215	12	PUENTE AV	340	BPK	VCP
0328/2214-0329/2214	10	BLEECKER AV	242	BPK	VCP
0328/2214-0704/2214	10	BLEECKER AV	121	BPK	VCP
0328/2215-0329/2215	8	GARVEY AV	286	BPK	VCP
0329/2168-0330/2168	8		320	BPK	VCP
0329/2169-0330/2169	8		250	BPK	VCP
0329/2169-0337/2169	8		268	BPK	VCP
0329/2214-0330/2214	10	BLEECKER AV	253	BPK	VCP
0329/2215-0331/2215	8	GARVEY AV	90	BPK	VCP
0330/2169-0331/2169	8		111	BPK	VCP
0330/2214-0331/2214	8	NUBIA ST	303	BPK	VCP
0330/2214-0332/2214	10	NUBIA ST	332	BPK	VCP

PIPE_LOCN	DIAMETER (In)	STREET	P_LENGTH (ft)	JUR	MATL
0344/2169-0345/2169	8	FRANCISQUITO AV	259	BPK	VCP
0344/2215-0576/2214	8	BIG DALTON AV	200	BPK	VCP
0345/2169-0346/2169	8	FRANCISQUITO AV	68	BPK	VCP
0345/2214-0346/2214	12	MAINE AV	330	BPK	VCP
0345/2215-0346/2215	8	BIG DALTON AV	225	BPK	VCP
0345/2215-0347/2215	8	CENTRAL AV	232	BPK	VCP
0346/2168-0347/2168	8		280	BPK	VCP
0346/2169-0347/2169	8	FRANCISQUITO AV	198	BPK	VCP
0346/2169-0706/2169	8		70	BPK	VCP
0346/2214-0347/2214	8	CAVETTE PL	282	BPK	VCP
0346/2214-0358/2214	12	MAINE AV	319	BPK	VCP
0347/2169-0348/2169	8	FRANCISQUITO AV	266	BPK	VCP
0347/2214-0348/2214	8	CAVETTE PL	282	BPK	VCP
0347/2215-0348/2215	8	CENTRAL AV	265	BPK	VCP
0348/2169-0349/2169	8	FRANCISQUITO AV	266	BPK	VCP
0348/2214-0349/2214	8	CAVETTE PL	282	BPK	VCP
0348/2215-0349/2215	8	MILLBURY AV	263	BPK	VCP
0349/2168-0350/2168	12	LITTLE JOHN ST	361	BPK	VCP
0349/2214-0350/2214	8	CAVETTE PL	307	BPK	VCP
0349/2214-0352/2214	8	BOGART AV	150	BPK	VCP
0349/2215-0350/2215	8	ALVINE LN	158	BPK	VCP
0349/2215-0351/2215	8	MILLBURY AV	153	BPK	VCP
0350/2168-0351/2168	12	LITTLE JOHN ST	355	BPK	VCP
0350/2169-0351/2169	8		350	BPK	VCP
0350/2169-0675/2169	8	TRACY ST	65	BPK	VCP
0350/2214-0351/2214	8	CAVETTE PL	307	BPK	VCP
0351/2168-0352/2168	12	LITTLE JOHN ST	355	BPK	VCP
0351/2169-0352/2169	8		70	BPK	VCP
0351/2169-0704/2169	8		230	BPK	VCP
0351/2215-0352/2215	8	MILLBURY AV	116	BPK	VCP
0352/2168-0353/2168	12	LITTLE JOHN ST	256	BPK	VCP
0352/2169-0702/2169	8		167	BPK	VCP
0352/2214-0353/2214	8		147	BPK	VCP
0352/2215-0353/2215	8	MILLBURY LN	80	BPK	VCP
0353/2168-0354/2168	12	LITTLE JOHN ST	89	BPK	VCP
0353/2169-0354/2169	8		326	BPK	VCP
0353/2214-0354/2214	8		75	BPK	VCP
0354/2168-0408/2168	12	LITTLE JOHN ST	79	BPK	VCP
0354/2214-0355/2214	8		331	BPK	VCP
0354/2214-0356/2214	8		209	BPK	VCP
0354/2215-0355/2215	8	PUENTE AV	281	BPK	VCP
0354/2215-0363/2215	8	PUENTE AV	92	BPK	VCP
0354/2215-0383/2215	8	PUENTE AV	91	BPK	VCP
0355/2168-0356/2168	12	LITTLE JOHN ST	173	BPK	VCP
0355/2168-0408/2168	12	LITTLE JOHN ST	81	BPK	VCP
0355/2169-0356/2169	12	GARVEY AVE	263	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0367/2214-0368/2214	8	BOGART AV	243	BPK	VCP
0367/2215-0368/2215	8	ROOT ST	252	BPK	VCP
0368/2168-0369/2168	15	CENTER ST	355	BPK	VCP
0368/2169-0369/2169	8	DALEWOOD ST	421	BPK	VCP
0368/2214-0369/2214	8	BOGART AV	243	BPK	VCP
0369/2168-0370/2168	15	CENTER ST	342	BPK	VCP
0369/2169-0370/2169	8	DALEWOOD ST	185	BPK	VCP
0369/2214-0370/2214	8	BOGART AV	243	BPK	VCP
0369/2215-0370/2215	8	CHETNEY DR	272	BPK	VCP
0370/2168-0371/2168	15	CENTER ST	351	BPK	VCP
0370/2169-0371/2169	8	DALEWOOD ST	152	BPK	VCP
0370/2215-0371/2215	8	CHETNEY DR	246	BPK	VCP
0371/2168-0372/2168	15	CENTER ST	306	BPK	VCP
0371/2169-0372/2169	8	DALEWOOD ST	178	BPK	VCP
0371/2214-0372/2214	12	MAINE AV	249	BPK	VCP
0371/2215-0372/2215	8	NAVILLA PL	92	BPK	VCP
0371/2215-0375/2215	8	CHETNEY DR	238	BPK	VCP
0372/2168-0373/2168	15	CENTER ST	287	BPK	VCP
0372/2169-0373/2169	8	DALEWOOD ST	250	BPK	VCP
0372/2214-0373/2214	12	MAINE AV	63	BPK	VCP
0372/2215-0373/2215	8	NAVILLA PL	201	BPK	VCP
0373/2168-0374/2168	15	CENTER ST	8	BPK	VCP
0373/2169-0374/2169	8	MAINE AV	298	BPK	VCP
0373/2214-0374/2214	8	ROCKENBACH ST	362	BPK	VCP
0373/2214-0375/2214	12	MAINE AV	228	BPK	VCP
0373/2215-0374/2215	8	NAVILLA PL	280	BPK	VCP
0374/2168-0375/2168	15	CENTER ST	289	BPK	VCP
0374/2169-0375/2169	8	MAINE AV	219	BPK	VCP
0375/2168-0376/2168	15	CENTER ST	329	BPK	VCP
0375/2169-0376/2169	8	MAINE AV	230	BPK	VCP
0375/2214-0376/2214	8	ESTELLA ST	260	BPK	VCP
0375/2214-0385/2214	12	MAINE AV	112	BPK	VCP
0375/2215-0376/2215	8	CHETNEY DR	231	BPK	VCP
0376/2168-0377/2168	15	CENTER ST	339	BPK	VCP
0376/2169-0377/2169	8	MAINE AV	80	BPK	VCP
0376/2214-0377/2214	8	ESTELLA ST	260	BPK	VCP
0376/2215-0377/2215	8	WILLOW AV	260	BPK	VCP
0377/2168-0378/2168	15	CENTER ST	342	BPK	VCP
0377/2214-0378/2214	8	ESTELLA ST	260	BPK	VCP
0377/2215-0378/2215	8	WILLOW AV	287	BPK	VCP
0378/2168-0379/2168	15	CENTER ST	342	BPK	VCP
0378/2169-0379/2169	8	VIRGINIA AV	227	BPK	VCP
0378/2214-0379/2214	8	ESTELLA ST	260	BPK	VCP
0379/2168-0380/2168	15	CENTER ST	306	BPK	VCP
0379/2169-0380/2169	8	VIRGINIA AV	305	BPK	VCP
0379/2214-0380/2214	8	ESTELLA ST	85	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0391/2168-0392/2168	15	COMMERCE DR	334	BPK	VCP
0391/2169-0392/2169	8	PADDY LN	284	BPK	VCP
0391/2169-0461/2169	8	FRANCISQUITO AV	145	BPK	VCP
0391/2214-0392/2214	8	PHELAN AV	309	BPK	VCP
0391/2215-0458/2215	8	PACIFIC AV	54	BPK	VCP
0392/2168-0393/2168	15	COMMERCE DR	336	BPK	VCP
0392/2169-0393/2169	8	DOUBLE GROVE ST	173	BPK	VCP
0392/2169-0394/2169	8	PADDY LN	167	BPK	VCP
0392/2214-0393/2214	8	PHELAN AV	309	BPK	VCP
0392/2215-0458/2215	8	PACIFIC AV	154	BPK	VCP
0393/2168-0394/2168	15	COMMERCE DR	335	BPK	VCP
0393/2214-0394/2214	8	PHELAN AV	309	BPK	VCP
0393/2215-0454/2215	8		190	BPK	VCP
0394/2168-0395/2168	15	COMMERCE DR	349	BPK	VCP
0394/2169-0395/2169	8	PADDY LN	159	BPK	VCP
0394/2214-0395/2214	8	PHELAN AV	309	BPK	VCP
0394/2215-0395/2215	8	HALINOR LN	194	BPK	VCP
0394/2215-0396/2215	8	HOWELLHURST DR	251	BPK	VCP
0395/2168-0396/2168	15	COMMERCE DR	192	BPK	VCP
0395/2214-0396/2214	8	PHELAN AV	284	BPK	VCP
0396/2168-0397/2168	15	COMMERCE DR	183	BPK	VCP
0396/2169-0397/2169	8	PADDY LN	69	BPK	VCP
0396/2214-0415/2214	8	PHELAN AV	292	BPK	VCP
0396/2215-0399/2215	8	HOWELLHURST DR	291	BPK	VCP
0397/2168-0398/2168	15	COMMERCE DR	226	BPK	VCP
0397/2169-0398/2169	8	CORAK ST	162	BPK	VCP
0397/2215-0398/2215	8	ARDILLA AV	177	BPK	VCP
0398/2168-0401/2168	15	COMMERCE DR	228	BPK	VCP
0398/2169-0399/2169	8	CORAK ST	194	BPK	VCP
0398/2215-0399/2215	8	ARDILLA AV	150	BPK	VCP
0398/2215-0401/2215	8	SWANEE LN	339	BPK	VCP
0399/2169-0400/2169	8	MAINE AVE	207	BPK	VCP
0399/2169-0460/2169	8	MAINE AVE	126	BPK	VCP
0399/2215-0400/2215	8	ARDILLA AV	110	BPK	VCP
0400/2168-0401/2168	10	LIVE OAK AV	250	BPK	VCP
0400/2169-0401/2169	8	MAINE AVE	58	BPK	VCP
0400/2215-0404/2215	8	HOWELLHURST DR	338	BPK	VCP
0401/2168-0402/2168	10	LIVE OAK AV	318	BPK	VCP
0401/2169-0402/2169	8	EARL AV	201	BPK	VCP
0401/2169-0404/2169	8	MAINE AVE	295	BPK	VCP
0401/2214-0402/2214	12	MAINE AV	173	BPK	VCP
0401/2215-0402/2215	8	SWANEE LN	344	BPK	VCP
0402/2169-0403/2169	8	EARL AV	227	BPK	VCP
0402/2214-0418/2214	8	MAINE AV	74	BPK	VCP
0402/2215-0403/2215	8	WILLOW AV	188	BPK	VCP
0403/2214-0404/2214	8	LOS ANGELES ST	233	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0416/2216-0417/2216	8	FRANCISQUITO AV	351	BPK	VCP
0417/2215-0418/2215	8	STOCKDALE ST	267	BPK	VCP
0417/2215-0424/2215	8	ARDILLA AV	150	BPK	VCP
0417/2216-0418/2216	8	FRANCISQUITO AV	51	BPK	VCP
0418/2169-0419/2169	8		138	BPK	VCP
0418/2214-0419/2214	8	MAINE AV	312	BPK	VCP
0418/2215-0419/2215	8		143	BPK	VCP
0418/2215-0420/2215	8	STOCKDALE ST	232	BPK	VCP
0418/2216-0419/2216	8	FRANCISQUITO AV	74	BPK	VCP
0419/2169-0420/2169	8		35	BPK	VCP
0419/2214-0420/2214	8	MAINE AV	328	BPK	VCP
0419/2216-0420/2216	8	FRANCISQUITO AV	128	BPK	VCP
0419/2216-TRNK/2216	8	FRANCISQUITO AV	29	BPK	VCP
0420/2169-0421/2169	8		204	BPK	VCP
0420/2214-0421/2214	8	CLARK ST	253	BPK	VCP
0420/2214-0422/2214	8	CLARK ST	94	BPK	VCP
0420/2214-0437/2214	8	MAINE AV	332	BPK	VCP
0420/2215-0421/2215	8	MAYLAND AV	143	BPK	VCP
0420/2215-0422/2215	8	STOCKDALE ST	141	BPK	VCP
0421/2169-0422/2169	8	FOSTER AVE	201	BPK	VCP
0421/2169-NW/2169	8	FOSTER AV	45	BPK	VCP
0421/2216-0422/2216	8	VAN WIG AV	142	BPK	VCP
0422/2169-0423/2169	8	FOSTER AVE	311	BPK	VCP
0422/2214-0423/2214	8	CLARK ST	263	BPK	VCP
0422/2215-0423/2215	8	LA VISTA AV	139	BPK	VCP
0422/2216-0423/2216	8	FRANCISQUITO AV	292	BPK	VCP
0423/2169-0424/2169	8	FOSTER AVE	366	BPK	VCP
0423/2214-0424/2214	8	MAUPIN AV	289	BPK	VCP
0423/2214-0426/2214	8	CLARK ST	157	BPK	VCP
0423/2216-0424/2216	8	FRANCISQUITO AV	252	BPK	VCP
0424/2169-TRNK/2169	8	FOSTER AVE	367	BPK	VCP
0424/2214-0425/2214	8	MAUPIN AV	289	BPK	VCP
0424/2215-0425/2215	8	ARDILLA AV	111	BPK	VCP
0425/2169-0131/2215	8	ROCKWAY DR	218	BPK	VCP
0425/2169-0426/2169	8	ROCKWAY DR	128	BPK	VCP
0425/2215-0426/2215	8	CLYDEWOOD AV	247	BPK	VCP
0425/2215-0429/2215	8	ARDILLA AV	174	BPK	VCP
0426/2169-0427/2169	8	ROCKWAY DR	310	BPK	VCP
0426/2214-0427/2214	8	CLARK ST	282	BPK	VCP
0426/2215-0427/2215	8	CLYDEWOOD AV	278	BPK	VCP
0427/2214-0428/2214	8	BOGART AV	250	BPK	VCP
0427/2214-0431/2214	8	CLARK ST	338	BPK	VCP
0427/2215-0428/2215	8	CLYDEWOOD AV	275	BPK	VCP
0428/2169-0429/2169	8	FEATHER AVE	120	BPK	VCP
0428/2214-0429/2214	8	BOGART AV	250	BPK	VCP
0429/2169-0430/2169	8	FEATHER AVE	128	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0448/2169-0449/2169	8		220	BPK	VCP
0448/2215-0449/2215	8	ROOT ST	179	BPK	VCP
0449/2169-0450/2169	8		204	BPK	VCP
0449/2214-0450/2214	8	MAINE AV	152	BPK	VCP
0449/2214-0453/2214	8	EAST RAMONA BV	284	BPK	VCP
0450/2169-0451/2169	8		175	BPK	VCP
0450/2214-0452/2214	8	MAINE AV	350	BPK	VCP
0450/2215-TRNK/2215	8	REXWOOD ST	145	BPK	VCP
0451/2169-0452/2169	8	GARVEY AVE	286	BPK	VCP
0451/2215-0452/2215	8		313	BPK	VCP
0451/2215-TRNK/2215	8	LA RICA AV	181	BPK	VCP
0452/2169-0453/2169	8	GARVEY AVE	336	BPK	VCP
0452/2169-0454/2169	8	MAINE AVE	200	BPK	VCP
0453/2214-0454/2214	8	EAST RAMONA BV	284	BPK	VCP
0454/2169-0455/2169	8	MAINE AVE	319	BPK	VCP
0454/2214-0455/2214	8	EAST RAMONA BV	284	BPK	VCP
0454/2215-0455/2215	8		195	BPK	VCP
0455/2169-0456/2169	8	MAINE AVE	317	BPK	VCP
0455/2214-0456/2214	8	BOGART AV	267	BPK	VCP
0455/2214-0460/2214	8	EAST RAMONA BV	211	BPK	VCP
0456/2214-0457/2214	8	BOGART AV	267	BPK	VCP
0456/2215-0457/2215	8		310	BPK	VCP
0457/2169-0458/2169	8	FRANCISQUITO AV	194	BPK	VCP
0457/2169-0459/2169	8	MAINE AVE	340	BPK	VCP
0457/2169-0461/2169	8	FRANCISQUITO AV	214	BPK	VCP
0457/2214-0458/2214	8	BOGART AV	267	BPK	VCP
0458/2214-0459/2214	8	BOGART AV	267	BPK	VCP
0458/2215-0459/2215	8		242	BPK	VCP
0459/2169-0460/2169	8	MAINE AVE	344	BPK	VCP
0460/2214-0461/2214	8	EAST RAMONA BV	211	BPK	VCP
0460/2215-0461/2215	8		250	BPK	VCP
0460/2215-TRNK/2215	8	VINELAND AV	48	BPK	VCP
0461/2214-0462/2214	8	DOWNING AV	66	BPK	VCP
0461/2214-0483/2214	8	EAST RAMONA BV	133	BPK	VCP
0462/2169-0463/2169	8	CORAK ST	242	BPK	VCP
0462/2214-0463/2214	8	DOWNING AV	323	BPK	VCP
0462/2214-0465/2214	8	RAILROAD AV	232	BPK	VCP
0462/2215-0463/2215	8	TELLURIDE DR	130	BPK	VCP
0463/2169-N W/2169	8	CORAK ST	49	BPK	VCP
0463/2214-0464/2214	8	DOWNING AV	323	BPK	VCP
0463/2215-0467/2215	8	TELLURIDE DR	96	BPK	VCP
0464/2169-0465/2169	8	FOSTER AVE	259	BPK	VCP
0465/2169-0466/2169	8	FOSTER AVE	274	BPK	VCP
0465/2214-0466/2214	8	RAILROAD AV	232	BPK	VCP
0465/2215-0466/2215	8		350	BPK	VCP
0466/2169-0467/2169	8	FOSTER AVE	248	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0488/2214-0489/2214	8	Cragmont St	325	BPK	VCP
0488/2214-0490/2214	8	Heintz St	317	BPK	VCP
0489/2169-0490/2169	10	Frazier St	368	BPK	VCP
0490/2169-0491/2169	8	Grace Av	140	BPK	VCP
0490/2169-0492/2169	10	Frazier St	326	BPK	VCP
0490/2169-0653/2169	8	Grace Av	202	BPK	VCP
0490/2214-0491/2214	8	Heintz St	317	BPK	VCP
0492/2169-0493/2169	10	Frazier St	323	BPK	VCP
0492/2214-0493/2214	10	Nubia St	70	BPK	VCP
0493/2169-0494/2169	10	Frazier St	341	BPK	VCP
0493/2169-0504/2169	8	Monterey Ave	93	BPK	VCP
0493/2169-0509/2169	8	Monterey Ave	321	BPK	VCP
0493/2214-0494/2214	10	Nubia St	318	BPK	VCP
0494/2169-0495/2169	10	Frazier St	318	BPK	VCP
0494/2214-0495/2214	8	Elton St	307	BPK	VCP
0494/2214-0500/2214	10	Nubia St	248	BPK	VCP
0495/2169-0496/2169	10	Frazier St	329	BPK	VCP
0495/2169-0503/2169	8	Kenmore Ave	143	BPK	VCP
0495/2169-0625/2169	8	Kenmore Ave	330	BPK	VCP
0495/2214-0496/2214	8	Sandstone St	300	BPK	VCP
0495/2214-0497/2214	8	Elton St	288	BPK	VCP
0496/2169-0497/2169	10	Frazier St	334	BPK	VCP
0496/2169-0626/2169	8	Idaho St	285	BPK	VCP
0497/2169-0498/2169	8	Merced Ave	222	BPK	VCP
0497/2169-0634/2169	8	Merced Ave	347	BPK	VCP
0497/2214-0498/2214	8	Elton St	288	BPK	VCP
0498/2169-0499/2169	8	Merced Ave	212	BPK	VCP
0498/2214-0499/2214	8	Elton St	288	BPK	VCP
0500/2169-0501/2169	8	Kenmore Ave	222	BPK	VCP
0500/2214-0501/2214	10	Nubia St	256	BPK	VCP
0501/2169-0502/2169	8	Kenmore Ave	240	BPK	VCP
0501/2214-0502/2214	8	Grayhurst Av	281	BPK	VCP
0501/2214-0506/2214	10	Nubia St	361	BPK	VCP
0502/2169-0503/2169	8	Kenmore Ave	262	BPK	VCP
0502/2214-0503/2214	8	Grayhurst Av	281	BPK	VCP
0503/2214-0504/2214	8	Grayhurst Av	281	BPK	VCP
0504/2169-0505/2169	8	Monterey Av	237	BPK	VCP
0504/2214-0505/2214	8	Grayhurst Av	281	BPK	VCP
0505/2169-0506/2169	8	Monterey Av	271	BPK	VCP
0506/2169-0655/2169	8	Monterey Av	227	BPK	VCP
0506/2214-0507/2214	8	Calmview Av	282	BPK	VCP
0506/2214-0512/2214	10	Nubia St	100	BPK	VCP
0507/2169-0508/2169	8	Monterey Av	328	BPK	VCP
0507/2169-0655/2169	8	Monterey Av	35	BPK	VCP
0507/2214-0508/2214	8	Calmview Av	141	BPK	VCP
0508/2214-0509/2214	8	Calmview Av	267	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0532/2214-0533/2214	8	BOREL ST	310	BPK	VCP
0533/2214-0534/2214	8	BOREL ST	310	BPK	VCP
0534/2169-0535/2169	8		102	BPK	VCP
0534/2214-0535/2214	8	BOREL ST	310	BPK	VCP
0535/2169-0536/2169	8	RAMONA BLVD	198	BPK	VCP
0536/2169-0537/2169	8		102	BPK	VCP
0536/2169-0538/2169	8	RAMONA BLVD	197	BPK	VCP
0536/2214-0537/2214	8	ELTON ST	310	BPK	VCP
0537/2214-0538/2214	8	ELTON ST	310	BPK	VCP
0538/2169-0539/2169	8		102	BPK	VCP
0538/2169-0540/2169	8	RAMONA BLVD	219	BPK	VCP
0538/2214-0539/2214	8	ELTON ST	310	BPK	VCP
0539/2214-0540/2214	8	ELTON ST	310	BPK	VCP
0540/2169-0541/2169	8		95	BPK	VCP
0540/2169-0543/2169	8		193	BPK	VCP
0542/2169-0543/2169	8		103	BPK	VCP
0542/2169-TRNK/2169	8	RAMONA PKWY	23	BPK	VCP
0542/2214-0543/2214	8	FORTIN ST	308	BPK	VCP
0543/2214-0688/2214	8	FORTIN ST	62	BPK	VCP
0544/2169-0545/2169	8	RAMONA PKWY	83	BPK	VCP
0544/2169-TRNK/2169	8	RAMONA PKWY	54	BPK	VCP
0544/2214-0545/2214	8	FORTIN ST	308	BPK	VCP
0544/2214-0688/2214	8	FORTIN ST	246	BPK	VCP
0545/2169-0546/2169	8		121	BPK	VCP
0545/2169-0547/2169	8	RAMONA PKWY	99	BPK	VCP
0545/2214-0546/2214	8	FORTIN ST	308	BPK	VCP
0547/2169-0548/2169	8		43	BPK	VCP
0547/2169-0550/2169	8	RAMONA PKWY	57	BPK	VCP
0548/2169-0549/2169	8		156	BPK	VCP
0548/2214-0549/2214	8	LANTE ST	307	BPK	VCP
0549/2214-0550/2214	8	LANTE ST	307	BPK	VCP
0550/2169-0551/2169	8	HORN BROOK AV	306	BPK	VCP
0550/2214-0551/2214	8	LANTE ST	307	BPK	VCP
0551/2169-0552/2169	8	HORN BROOK AV	282	BPK	VCP
0551/2214-0552/2214	8	LANTE ST	307	BPK	VCP
0552/2169-0553/2169	8	HORN BROOK AV	260	BPK	VCP
0553/2169-0554/2169	8	HORN BROOK AV	260	BPK	VCP
0554/2169-0555/2169	8	HORN BROOK AV	276	BPK	VCP
0554/2214-0555/2214	8	PARK PL	212	BPK	VCP
0554/2214-0558/2214	8	EAST RAMONA BV	140	BPK	VCP
0555/2169-0105/2168	8	HORN BROOK AV	241	BPK	VCP
0555/2214-0556/2214	8	PARK PL	212	BPK	VCP
0556/2169-0098/2168	18	HARLAN AV	270	BPK	VCP
0556/2169-0557/2169	18	HARLAN AV	328	BPK	VCP
0556/2214-0557/2214	8	PARK PL	212	BPK	VCP
0557/2169-0558/2169	18	HARLAN AV	309	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0581/2169-0582/2169	8	CENTER ST	77	BPK	VCP
0581/2169-0585/2169	8	CENTER ST	189	BPK	VCP
0582/2169-0336/2168	8	CENTER ST	100	BPK	VCP
0582/2169-0583/2169	8		339	BPK	VCP
0582/2214-0583/2214	8		195	BPK	VCP
0582/2214-TRNK/2214	8		16	BPK	VCP
0583/2169-0584/2169	8	GRACE AV	266	BPK	VCP
0583/2214-0584/2214	8		195	BPK	VCP
0584/2169-0585/2169	8	ELWYN DR	339	BPK	VCP
0585/2214-0586/2214	8	ADAMS DR	191	BPK	VCP
0586/2169-0100/2168	8	FILHURST AV	105	BPK	VCP
0586/2169-0587/2169	8	FILHURST AV	250	BPK	VCP
0586/2214-0587/2214	8	ADAMS DR	200	BPK	VCP
0587/2169-0588/2169	8	FILHURST AV	289	BPK	VCP
0587/2214-0590/2214	8	WILLOW AV	275	BPK	VCP
0588/2169-0589/2169	8	LUBICAN ST	268	BPK	VCP
0588/2169-0590/2169	8	FILHURST AV	163	BPK	VCP
0588/2214-0589/2214	8	KENOAK DR	150	BPK	VCP
0589/2214-0590/2214	8	KENOAK DR	225	BPK	VCP
0590/2214-0591/2214	8	KENOAK DR	260	BPK	VCP
0590/2214-CITY/2214	8	WILLOW AV	275	BPK	VCP
0591/2169-0592/2169	12	WALNUT ST	267	BPK	VCP
0591/2169-TRNK/2169	12	WALNUT ST	73	BPK	VCP
0591/2214-0592/2214	8	KENOAK DR	115	BPK	VCP
0591/2214-0593/2214	8	SHARONS WY	199	BPK	VCP
0592/2169-0593/2169	12	WALNUT ST	340	BPK	VCP
0593/2169-0594/2169	12	WALNUT ST	329	BPK	VCP
0594/2169-0045/2168	12	WALNUT ST	311	BPK	VCP
0594/2169-0595/2169	8		348	BPK	VCP
0594/2214-0595/2214	8	LA SENA AV	269	BPK	VCP
0594/2214-0601/2214	10	NUBIA ST	241	BPK	VCP
0595/2169-0680/2169	8	KENMORE ST	370	BPK	VCP
0595/2214-0596/2214	8	LA SENA AV	257	BPK	VCP
0595/2214-0598/2214	8	DEVANAH ST	219	BPK	VCP
0596/2169-0041/2168	10	MERCED AV	319	BPK	VCP
0596/2169-0597/2169	10	MERCED ST	335	BPK	VCP
0596/2214-0597/2214	8	LA SENA AV	97	BPK	VCP
0596/2214-0599/2214	8	SANDSTONE ST	212	BPK	VCP
0597/2169-0598/2169	10	MERCED ST	170	BPK	VCP
0597/2169-0599/2169	8	LUBICAN ST	363	BPK	VCP
0598/2169-TRNK/2169	8	RAMONA PKWY	215	BPK	VCP
0599/2169-0600/2169	8	JERRY AV	207	BPK	VCP
0599/2169-0601/2169	8	LUBICAN ST	307	BPK	VCP
0599/2214-0600/2214	8	SANDSTONE ST	233	BPK	VCP
0600/2169-0338/2168	8	JERRY AV	350	BPK	VCP
0601/2169-0602/2169	8	BRESEE AV	313	BPK	VCP

PIPE_LOCN	DIAMETER (in)	STREET	P_LENGTH (ft)	JUR	MATL
0640/2169-0641/2169	8	BRESEE AV	243	BPK	VCP
0640/2169-0650/2169	8	BRESEE AVE	183	BPK	VCP
0641/2169-0642/2169	8	BRESEE AV	188	BPK	VCP
0642/2169-0643/2169	8	ILLINOIS ST	334	BPK	VCP
0645/2169-0692/2169	8		150	BPK	VCP
0646/2169-0647/2169	8	FRANCISQUITO AV	202	BPK	VCP
0646/2169- TRUNK/2169	8	FRANCISQUITO AV	80	BPK	VCP
0648/2169-0649/2169	8		168	BPK	VCP
0650/2170-0687/2169	8		344	BPK	VCP
0651/2169-0652/2169	8	GARVEY AV	243	BPK	VCP
0651/2170-0652/2170	8		288	BPK	VCP
0652/2169-TRNK/2169	8	GARVEY AV	217	BPK	VCP
0653/2169-0654/2169	8		296	BPK	VCP
0654/2170-0655/2170	12	BESS AV	312	BPK	VCP
0654/2170-0714/2169	12	BESS AV	313	BPK	VCP
0655/2169-0656/2169	8		198	BPK	VCP
0655/2170-0656/2170	12	BESS AV	312	BPK	VCP
0656/2170-0657/2170	12	BESS AV	312	BPK	VCP
0657/2169-0658/2169	8		325	BPK	VCP
0658/2169-0659/2169	8		268	BPK	VCP
0658/2170-PUMP/2170	6		1374	BPK	DIP
0658/2170-TRNK/2170	8		86	BPK	VCP
0660/2169-0661/2169	8		164	BPK	VCP
0666/2169-0667/2169	8	RAMONA BLVD	24	BPK	VCP
0668/2169-0669/2169	8		236	BPK	VCP
0668/2169-0684/2169	8		187	BPK	VCP
0668/2214-0669/2214	8	PALMROSE ST	315	BPK	VCP
0669/2169-0670/2169	8		93	BPK	VCP
0670/2169-0671/2169	8		236	BPK	VCP
0670/2214-0007/2168	8	ALLEY	201	BPK	VCP
0671/2214-0672/2214	8	DOWNING AV	174	BPK	VCP
0672/2169-0673/2169	8		134	BPK	VCP
0673/2169-0674/2169	8		307	BPK	VCP
0673/2214-0674/2214	8		215	BPK	VCP
0674/2214-0675/2214	8		215	BPK	VCP
0676/2169-0677/2169	8		215	BPK	VCP
0676/2214-0677/2214	8	ALLEY	218	BPK	VCP
0677/2214-0678/2214	8	LARRY AV	203	BPK	VCP
0678/2169-0679/2169	8		288	BPK	VCP
0678/2214-0679/2214	8	LARRY AV	323	BPK	VCP
0680/2214-0681/2214	8		125	BPK	VCP
0681/2169-0683/2169	8		70	BPK	VCP
0682/2169-0683/2169	8		135	BPK	VCP
0682/2214-0683/2214	8		184	BPK	VCP
0684/2169-0685/2169	8		184	BPK	VCP
0684/2214-0685/2214	8		270	BPK	VCP

APPENDIX E
CONDITION ASSESSMENT
WORK SCHEDULE



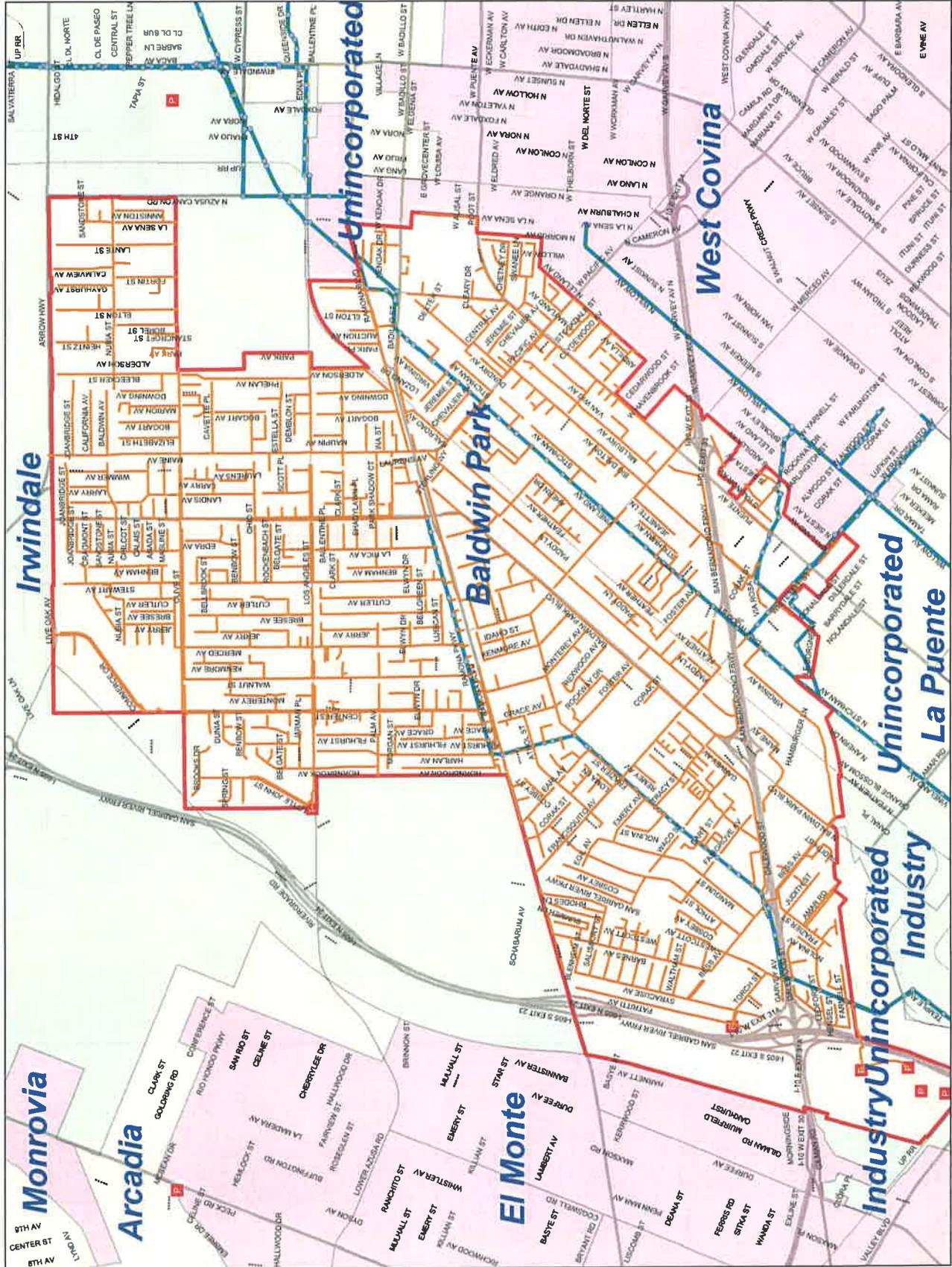
**City of
Baldwin Park
CCTV Inspection
Scheduled for
FY 2027-2028**

Legend

- SMD Pump Stations
- Trunk Sewer Lines
- CCTV Project
- Boundary
- Baldwin Park



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**SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM – DIVISION LEVEL
FIELD WORK COMPLETED: JANUARY 1 TO DECEMBER 31, 2011
CITY OF BALDWIN PARK**

Total Pipe Length (feet) as of December 31, 2011: 550,662

Total Manholes as of December 31, 2011: 2,293

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe

- Hydro Cleaned (feet): 74,462
 - Periodic Cleaning (feet): 46,267
- Mechanically Rodded (feet): 57,743
 - Periodic Cleaning (feet): 51,993

Manholes

- Inspected: 4,586
- Adjusted: 13

SERVICE REQUESTS

Responded to:

- Stoppages: 1
- Overflows: 0
- Flood-outs: 0
- Roach Complaints: 1
- Misc.: 2
- Other: 1
- False Alarms: 11
- Service Requests Responded to: 16

TELEVISIONING

Feet Televised: 627

ROOT CONTROL

Sewer Pipes Treated for Roots (feet): 0

CONSTRUCTION

Saddle Installation(s): 1

PUMP STATIONS

Total Number of Pump Stations: 3

Total Routine: 358

Total Major Repairs: 0

Total Emergency Response: 0

ANNEXATIONS

Parcel(s) Annexed to the CSMD: 1

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 2

**SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM – DIVISION LEVEL
FIELD WORK COMPLETED: JANUARY 1 TO DECEMBER 31, 2013
CITY OF BALDWIN PARK**

Total Pipe Length (feet) as of December 31, 2013: 550,627

Total Manholes as of December 31, 2013: 2,292

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe

- Hydro Cleaned (feet): 75,062
 - Periodic Cleaning (feet): 44,291
- Mechanically Rodded (feet): 43,669
 - Periodic Cleaning (feet): 40,335

Manholes

- Inspected: 4,584
- Adjusted: 1

SERVICE REQUESTS

Responded to:

- Stoppages: 4
- Overflows: 0
- Flood-outs: 0
- Roach Complaints: 0
- Misc.: 1
- Other: 0
- False Alarms: 8
- Service Requests Responded to: 13

TELEVISIONING

Feet Televised: 0

ROOT CONTROL

Sewer Pipes Treated for Roots (feet): 700

CONSTRUCTION

Saddle Installation(s): 2

PUMP STATIONS

Total Number of Pump Stations: 3

Total Routine: 345

Total Major Repairs: 2

Total Emergency Response: 2

ANNEXATIONS

Parcel(s) Annexed to the CSMD: 0

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 0

**SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM – DIVISION LEVEL
FIELD WORK COMPLETED: JANUARY 1 TO DECEMBER 31, 2015
CITY OF BALDWIN PARK**

Total Pipe Length (feet) as of December 31, 2015: 549,716
Total Manholes as of December 31, 2015: 2,293

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe

- Hydro Cleaned (feet): 281,691
 - Periodic Cleaning (feet): 46,756
- Mechanically Rodded (feet): 47,258
 - Periodic Cleaning (feet): 42,703

Manholes

- Inspected: 4,586
- Adjusted: 1

SERVICE REQUESTS

Responded to:

- Stoppages: 1
- Overflows: 2
- Flood-outs: 0
- Roach Complaints: 0
- Misc.: 4
- Other: 1
- False Alarms: 7
- Service Requests Responded to: 15

TELEVISIONING

Feet Televised: 167,336

ROOT CONTROL

Sewer Pipes Treated for Roots (feet): 810

CONSTRUCTION

Saddle Installation(s): 2

PUMP STATIONS

Total Number of Pump Stations: 3
Total Routine: 331
Total Major Repairs: 23
Total Emergency Response: 8

ANNEXATIONS

Parcel(s) Annexed to the CSMD: 1

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 0

**SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM – DIVISION LEVEL
FIELD WORK COMPLETED: JANUARY 1 TO DECEMBER 31, 2017
CITY OF BALDWIN PARK**

Total Pipe Length (feet) as of December 31, 2017: 549,716

Total Manholes as of December 31, 2017: 2,293

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe

- Hydro Cleaned (feet): 106,264
 - Periodic Cleaning (feet): 55,024
- Mechanically Rodded (feet): 55,499
 - Periodic Cleaning (feet): 43,708

Manholes

- Inspected: 4,586
- Adjusted: 6

SERVICE REQUESTS

Responded to:

- Stoppages: 1
- Overflows: 0
- Flood-outs: 0
- Roach Complaints: 0
- Misc.: 4
- Other: 1
- False Alarms: 6
- Service Requests Responded to: 12

TELEVISIONING

Feet Televised: 908

ROOT CONTROL

Sewer Pipes Treated for Roots (feet): 1,550

CONSTRUCTION

Saddle Installation(s): 3

PUMP STATIONS

Total Number of Pump Stations: 3

Total Routine: 356

Total Major Repairs: 5

Total Emergency Response: 0

ANNEXATIONS

Parcel(s) Annexed to the CSMD: 1

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 0

SEWER MAINTENANCE PRODUCTIVITY REPORT COLLECTION SYSTEM - CITY OF BALDWIN

Period from January 1 to December 31, 2019

Total pipe length (feet) as of December 31, 2019: 549,796

Total manholes as of December 31, 2019: 2,296

PREVENTIVE MAINTENANCE ACTIVITIES

*Sewer Pipe

Hydro Cleaning (feet):	130,771
Periodic Cleaning (feet):	62,142
Mechanically Rodded (feet):	51,081
Periodic Cleaning (feet):	44,881

Manholes

Inspected:	4,592
Adjusted:	14

SERVICE REQUESTS

Responded to:

False Alarms:	3
Stoppages:	0
Overflows:	1
Floodouts:	0
Roach Complaints:	0
Misc.:	0
Other:	11
Service requests responded to:	15

TELEVISIONING

Feet Televised: 2,394

ROOT CONTROL

Sewer pipe treated for roots (feet): 2,000

CONSTRUCTION

Saddles Installed(s): 0

PUMP STATIONS

Total number of pump stations: 3

Total Routine Maintenance/Repair: 316

Total Major Repairs: 18

Total Emergency Response: 1

ANNEXATIONS

Parcel(s) annexed to the District: 0

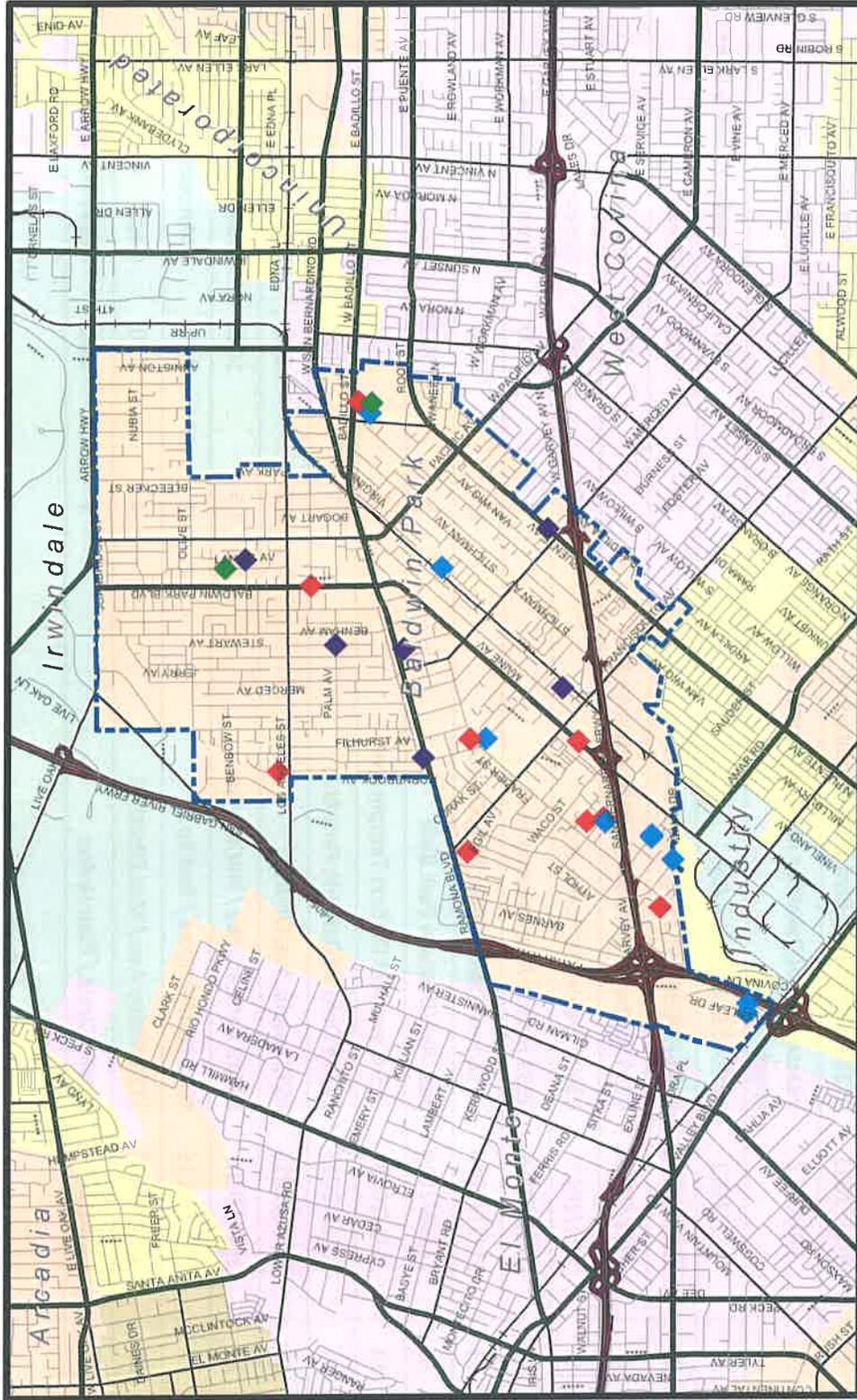
ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer projects reconstructed/rehabilitated: 0

*Due to the Maintenance Management System (MMS) upgrade in 2019-20, some data loss/inaccuracies were found in the system. LA County Sewer Maintenance Division is working with its IT Division to fix this problem.

APPENDIX G
SANITARY SEWER OVERFLOW
LOCATION MAP

City of Baldwin Park Sewer Overflows — 2010 - 2020



REPORTED SEWER OVERFLOWS

See Attachment 1

Legend

- ◆ Grease
- ◆ Root
- ◆ Root_Grease
- ◆ Miscellaneous



ID	DATE_	DESCRIPTION	DUR_HRS	EST_GAL	CAUSE
20	6/12/2018	13431 Foster Ave/Fraiser St	1.5	3300	Rag
21	10/17/2018	3157 Paddy Ln/Francisquito Ave	2.5	300	Roots & Grease
22	12/23/2018	4040 Badillo Ct/Badillo Str	2.5	800	Roots
23	3/24/2019	3143 Puente Ave.	2.5	14000	Roots & Grease
24	4/16/2019	267 Cloverleaf Dr.	<null>	100	Unknown
25	12/31/2019	13200 Fairgrove Ave	60.5	150	Grease
26	1/3/2020	13200 Fairgrove Ave	7	75	Broken Line