CITY OF BALDWIN PARK
SEWER SYSTEM MANAGEMENT PLAN

Five-Year Recertification per Water Discharge Requirements, State Water Resources Control Board adopted Water Quality Order 2006-0003

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APPENDICES

ABBREVIATIONS/ACRONYMS

ACO	Accumulative Capital Outlay Program
APWA	American Public Works Association
CADD	Computer Aided Design Drafting
CALOSHA	California Occupation, Safety And Health Administration
CIWQS	California Integrated Water Quality System
CCTV	Closed – Circuit Television
CMC	City Municipal Codes
CSMD	Consolidated Sewer Maintenance District
FOG	Fats, Oil, and Grease
GIS	Geographical Information System
HDPE	High Density Polyethylene Pipe
I/I	Infiltration inflow
LAC DPW	Los Angeles County Department of Public Works
LACO CODE	Los Angeles County Code Title 20 - Utilities
LACO PLUMBIMG CODE	Los Angeles County Plumbing Code – Title 28
LVMWD	Las Virgenes Metropolitan Water District
MARINA SMD	Marina Sewer Maintenance District
MMS	Maintenance Management System
NOI	Notice of Intent
OES	Office of Emergency Service
RWQCB	Regional Water Quality Control Board
SMD	Sewer Maintenance Districts
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	Statewide General Waste Discharge Requirements

DEFINITIONS

Geographical Information System (GIS) – A database linked with mapping, which includes various layers of information used by government officials. Examples of information found on a GIS can include a sewer map; sewer features such as pipe location, diameter, length, material, condition, last date cleaned or repaired. The GIS also typically contains base information such as streets and parcels.

Infiltration/Inflow (I/I) – Infiltration is generally considered to be extraneous water that enters the sewer system over longer periods of time, such as groundwater seepage through cracks in the sewer. Inflow is generally considered to be extraneous water that enters the system as a direct result of a rain event, such as through defects in the sewer. While it is impossible to control all I/I, it is certainly desirable to reduce I/I when cost-effective.

Lateral – The portion of sewer that connects a home or business with the main line in the street.

Stoppage – A build up of debris in the sewer, which stops the flow of wastewater and allows the water to back up behind the stoppage, sometimes causing an overflow. Also called blockage.

Blockage – A build up of debris in the sewer, which stops the flow of wastewater and allows the water to back up behind the stoppage, sometimes causing an overflow. Also called a stoppage.

Wastewater Collection System – All pipelines, pump stations, and other facilities upstream of the headworks of the wastewater treatment plant that transport wastewater from its source to the wastewater treatment plant.

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 and Monitoring and Reporting Program (WDRs), for sanitary sewer systems by issuing Order No. 2006-003 (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, adverse effects to other bodies of water, or pose serious health and safety or nuisance problems. The order requires all federal and state agencies, municipalities, counties, districts, cities, and other public entities that own or operate a sanitary sewer system greater than one mile in length to comply with the requirements of the WDR and to develop and implement a Sewer System Management Plan (SSMP).

The City's original SSMP was adopted by the City Council and certified with the SWRCB.
Pursuant to Section D.14 of the WDRs which requires that the SSMP is required to be updated every five (5) years.

Additionally, SWRCB Order WQ 2008-0002-EXEC amended the WDR on February 20, 2008. The revised order requires that the notification and reporting of sanitary sewer overflows (SSO) to regulatory agencies follow a strict timeline. SWRCB Order WQ 2013-0058-EXEC amended the Monitoring and Reporting Program (MRP) (Order WQ 2008-0002-EXEC) for the SSSWDR effective September 9, 2013. Several major changes were made to the public notification, reporting, water quality monitoring, recording keeping, and certification requirements. The revised order also requires the submission of an electronic copy of the SSMP to the SWRCB or the web address where it posted. This SSMP has been prepared in accordance with the following:

- SWRCB Order 2006-0003-DWQ, Statewide General Waste Discharge Requirements for Sanitary Sewer System.

- SWRCB Order WQ 2008-0002-EXEC, Adopting Amended Monitoring and Reporting Requirements for Statewide General Waste Discharge Requirements for Sanitary Sewer Systems.

SWRCB Order WQ 2013-0058-EXEC, Amending Monitoring and Reporting Program for Statewide General Waste Discharge Requirements for Sanitary Sewer Systems.

The SSSWDR include directives for the management, operation, and maintenance of the sanitary sewer system as well as proper control, containment, and cleanup of any SSOs that occur. They also require that SSOs be reported to the SWRCB using the online California Integrated Water Quality System (CIWQS).

In compliance with the SWRCB guidelines, this document is prepared to meet the objectives contained in the WDR Order. Since the Consolidated Sewer Maintenance District (CSMD) of the Los Angeles County Sewer Maintenance Districts (LACSMD), provides operation and maintenance services for the City's sewer facilities, some components of the City's SSMP are the same as those of the LACSMD's. The sewer collection system serves its population of approximately 75,390 as of 2010 U.S. census. As shown in the figure, the City's sewers discharge to a network of trunk sewers owned and operated by the Los Angeles County Sanitation Districts (LACSD).

This document divided into 11 chapters, which closely align with the respective provisions contained in the WDR's. Every section or subsection of each chapter addresses one of the key elements of the SSMP directive. The document, 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 decrease or possibly be avoided throughout the City's Sanitary Sewer Collection System.

The organization of this SSMP is consistent with the SWRCB guidelines and includes the following twelve SSSWDR elements:

1. Goals
2. Organization
3. Legal Authority
4. Operation and Maintenance Program
5. Design and Performance Provisions
6. Overflow Emergency Response Plan
7. Fats, Oil, and Grease Control Program
8. System Evaluation and Capacity Assurance Plan
9. Monitoring, Measurement and Plan Modifications
10. SSMP Program Audits
11. Communication Program

1.0 GOALS AND ACTIONS

1.1 The goals of this SSMP are to ensure the following:

1. The City's sanitary sewer collection system is properly operated, maintained and managed to reduce frequency and severity of sanitary sewer overflows (SSOs) and their potential impacts on public health, safety, and the environment.

2. When an SSO occurs, prompt action is taken to identify, contain, and remove the cause; report the event to the appropriate regulatory authorities; and notify the public in a timely manner,

3. All SSOs, system deficiencies, and remedial actions taken are well documented, or

4. The City's sewer system operators, employees, contractors, responders, and other agents are adequately trained and equipped to address an SSO event.

5. The City's sewer system is designed, constructed and funded to provide adequate capacity to convey base flows and peak flows, while meeting or exceeding applicable regulations, laws and the generally accepted practices relative to sanitary sewer system operation and maintenance.

1.2 The actions to be taken to satisfy the SSMP are as follows:

1. Conduct a planned and scheduled maintenance program to minimize the risk and occurrence of SSOs.

2. When an SSO occurs, respond to the incident in a timely manner and undertake feasible remedial actions to contain the overflow, including stopping the flow from reaching the storm drain, if possible.

3. Stop the sewer overflow as soon as possible and limit public access to the overflow area to prevent public contact with any wastewater contamination.

4. If possible, completely recover the overflow sewage, return it to the sewer system, and clean up the contaminated area.

5. Gather and compile all pertinent information regarding the sewer overflow incident, investigate as necessary to determine probable cause, document

findings, report the incident to the appropriate regulatory agencies in a timely manner, and file a copy of the report.

2.0 DESCRIPTION OF THE ORGANIZATION

The City's organizational structure addresses the following SSMP components as stated in the SSSWDR Section D.13.(ii):

1) *The name of the responsible or authorized representative as described in Section J of SWRCB Order No. 2006-0003.*

2) *The names and telephone numbers for management, administrative and maintenance positions responsible for implementing specific measures in the SSMP program. The SSMP must identify lines of authority through an organization chart or similar document with a narrative explanation; and*

3) *The chain of communication for reporting SSOs, from receipt of a complaint or other information, including the person responsible for reporting SSOs to the State and Regional Water Board and other agencies if applicable (such as County Health Officer, County Environmental Health Agency, Regional Water Board, and/or State Office of Emergency Services (OES)).*

2.1 Management

The City serves a population of approximately 75,390 people. The City's Public Works Department (PWD) manages the City's sanitary sewer collection system. The total annual budget for system operation, maintenance and administration during 2006 was $100,000 (City to insert the current 2014-2015 Budget). The collection system consists of about 104 miles of gravity sewer lines and three pump stations. The three pump stations are equipped with Ademco Telemetry Systems. The City's local sewers discharge into the County of Los Angeles Sanitation District facilities for conveyance, treatment and disposal.

The City has two budgeted management positions directly involved in sewer system responsibilities. The field operation and maintenance services are fulfilled by utilizing the services provided by the CSMD managed by the Los Angeles County Department of Public Works (County DPW). The distribution of the City's personnel and the contracted services are depicted in the organization chart presented in Section 2.3.1a of this plan. These personnel, in collaboration with County DPW 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 the sewer collection system facilities and related records and plans.

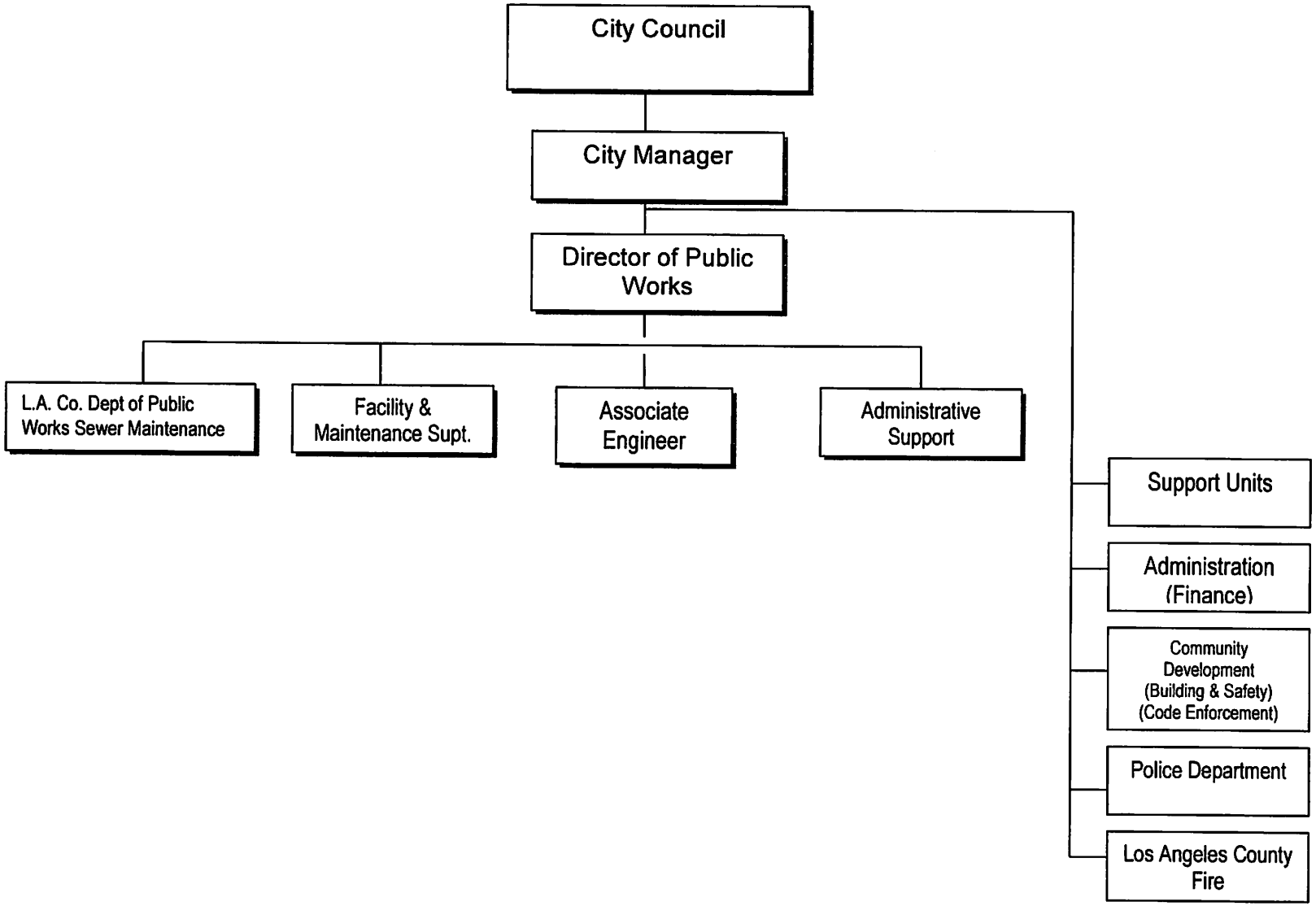
2.2 Authorized Representative

The City's Director of Public Works in concert with designated County DPW staff, are the authorized representatives who are 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.

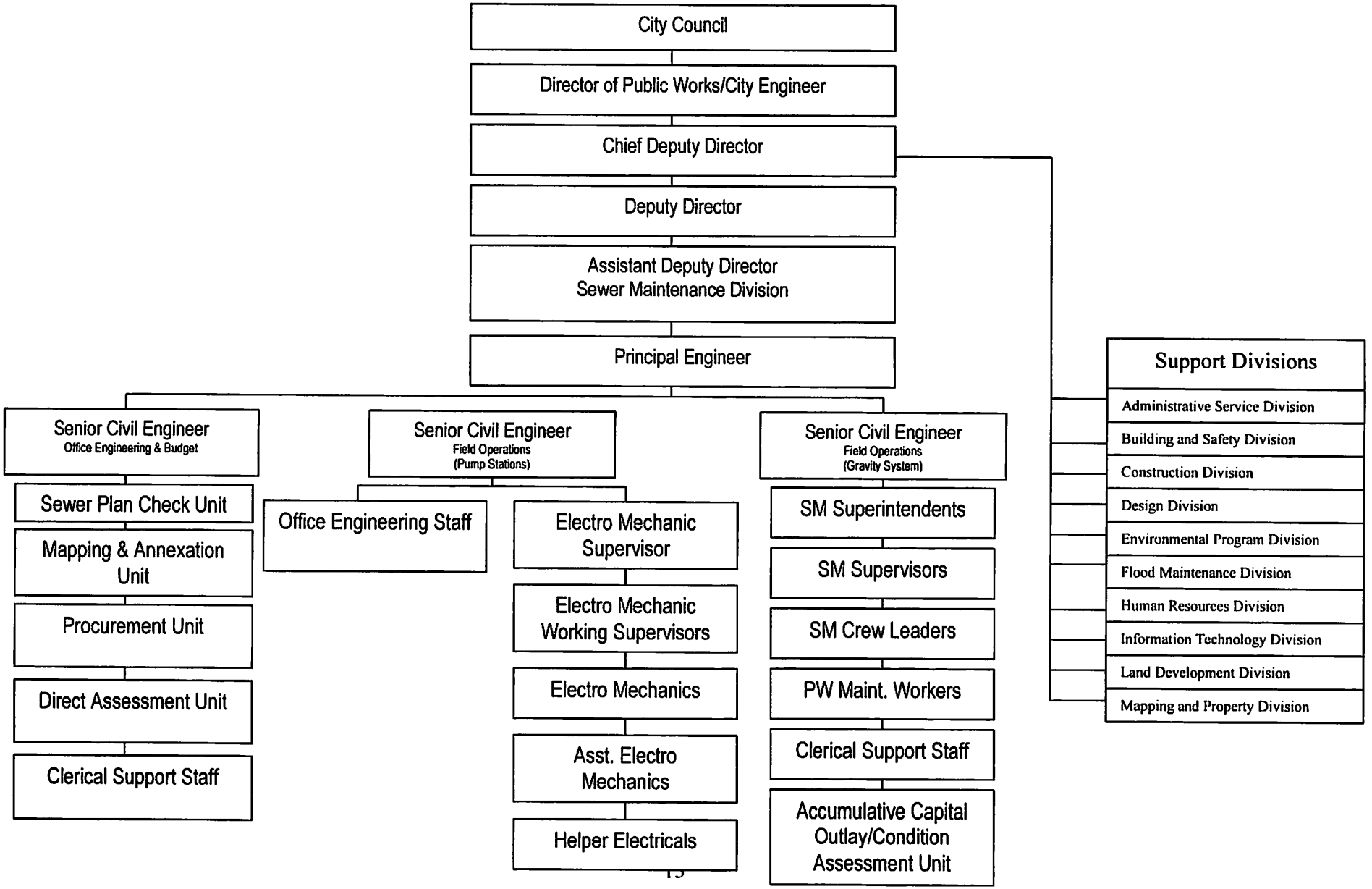
2.3 Organization Chart and Responsibilities

The organization chart, showing the structure and relationship of the City and the County DPW administrative, management and field positions relative to Sewer Operation and Maintenance (SO&M) is presented in Sections, 2.3.1a and 2.3.1b respectively and the descriptions of responsibilities and support are presented in Sections 2.3.2 and 2.3.3.

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



2.3.1b SMD ORGANIZATION CHART



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** - Responsible for establishing new and amending existing ordinances and policies governing the municipal operations, and the operations of the City's sanitary sewer system including the approving of all SO&M contracts and agreements to protect the community's interest.

- **City Manager** – Responsible for the overall management and application of all legal and policy directives that relate to the City's activities, including the operation and maintenance of the City's sanitary 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 new sewer collection system and rehabilitation of existing sewer collection system. Facilitates all sewer collection system operation and maintenance activities through the contract with LACDPW, as the City's representative on the Consolidated Sewer Maintenance District (CSMD). Responsible for the day-to-day management and operation oversight of the City's sewer collection system, including the three sewer pump stations.

- **City Engineer** – Directs engineering and management activities relating to studies, design, 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.

- **Senior Civil Engineer** – Performs a wide range of professional & complex civil engineering work in re-design, construction, and management & maintenance of public works projects; acts as the City Engineer in his/her absence; performs other duties as assigned.

- **Facilities & Maintenance Superintendent** - Has oversight of all contracted maintenance and repair services for City's facilities, excluding the relatively new gravity sewer systems operation and maintenance.

- **Office Administrative and Clerical Assistants** - Assist in the preparation of reports, budgets, and other correspondence; coordinate and facilitate of City

and contract personnel in addressing local citizen issues relative to sewer service.

2.3.3 City Divisions/Departments and Other Agencies - Other Divisions or Departments within the City, and specific contracted services, are currently and will continue to be responsible for carrying out some of the compliance actions called for by the WDR's for the City. The key support units and their responsibilities are described below:

- **Administrative Services Department** - Responsible for procuring equipment and as needed contract services for emergency sewer repair projects, printing and mailing of public education outreach program materials, and for procuring material and supplies needed for the day to day operation and maintenance activities, accounting services and training of personnel. Also responsible for investigating SSOs related claims and litigations against the city.

- **Building and Safety Division** - Responsible for reviewing various building permit applications, their relationship to public easements and facilities, and issuing permits for sewer connections. Also the enforcement of the Plumbing Codes involving proper connection and discharge into the public sewer system and the property owner's maintenance of their respective sewer laterals between the structure served and the public sewer collection main.

- **Code Enforcement Division** – Responsible for the enforcement of the Health and Safety Codes regarding waste disposal such as the FOG program, point source control inspection of industrial and commercial waste and grease generating facilities, and investigation of cases of illicit discharge of chemicals, debris, etc. into the public sewer system. This is undertaken in concert with the LAC DPW Environmental Programs Industrial Waste Unit.

- **Engineering Division** - Responsible for preparing plans and specifications for sewer construction and rehabilitation projects, and the administration of contracts for accomplishing such projects and emergency sewer repair projects. Also responsible for subdivision or development project plan checks to ensure compliance with the City's standards for construction of new sewer collection systems. Plan checks sewer capacity studies to size proposed sewer lines and sets requirements to ensure adequate capacity in existing systems. Prepares easement documents or identifies and procures access rights for public sewer facilities located within private properties.

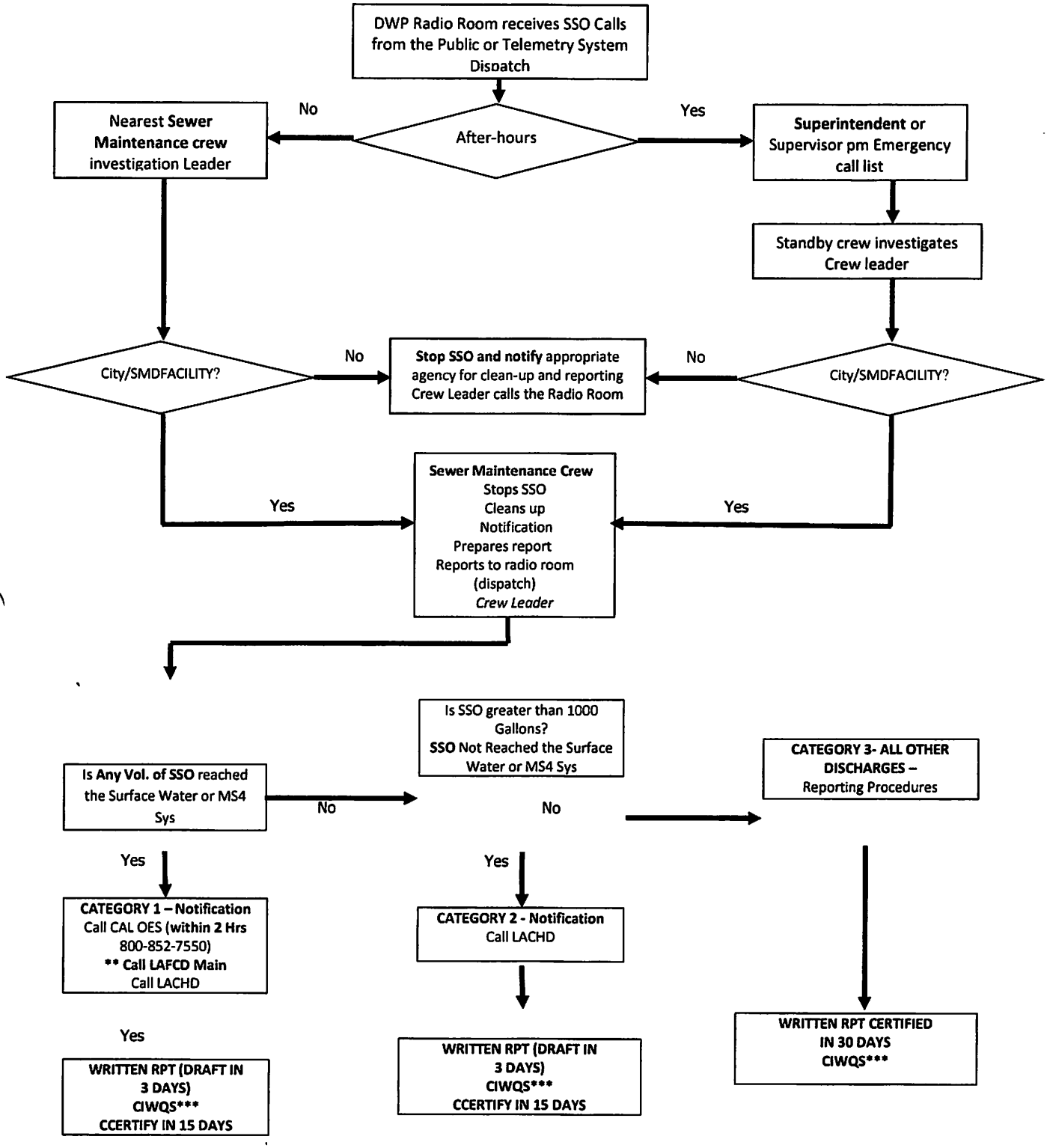
- **LAC DPW** - The Sewer Maintenance and the Environmental Programs Divisions provide critical services needed for the City to address the required demands of the WDR. The Sewer Maintenance Division is responsible for operational maintenance services of the city's sewer collection system, including cleaning, closed circuit television (CCTV) inspection, manhole inspection, and minor urgency repairs. The Environmental Programs division is responsible for the implementing the City's industrial waste and FOG programs, which include permitting, inspection and enforcement of illicit discharges to the public sewer system in concert with Code Enforcement Division.

- **Los Angeles County 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.

- **Los Angeles County Sheriff's Department** - Responsible for operating the Emergency Operation Center for the entire City including handling after-hours service calls reporting SSOs, and pump station malfunction calls and forwarding those reports to the LACDPW.

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 below. 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.

2.3.4a City's SSO Reporting Procedures Flow Chart



**LACFCD IS ONLY NOTIFIED WHEN SSO HAS ENTERED A STORM DRAIN SYSTEM.
***CIWQS ON LINE DATA BASE (http://ciwqs.waterboards.ca.gov/)

Los Angeles County Health Department (LACHD) if the City has a contract with LA County Health Department.
IF 50,000 GALLONS OR GREATER DISCHARGED, SEE SECTION 6.1.3 OF SSMP OR ORDER 2013-0058-EXEC

2.3.5 City's Contact Directory for SSO Responding and Reporting

After Hrs. or Responsible Party's	Name	Telephone	After Hours or Cell Phone
City Manager	Michael Tyler	(626) 960-4011 Ext 226	Ext 434
Director of Public Works/City Engineer	Daniel Wall	(626) 960-4011 Ext 251	Ext 434
Building Inspector	Nancy Gones	(626) 960-4011 Ext 465	Ext 434
Facility & Maint. Supt.	Valentine Aguilar	(626) 960-4011 Ext 226	
Public Works Services	General	(626) 813-5255	
LA Co Sheriff Dept.		(626) 330-3322	
LA Co Fire Dept.		(626) 337-0525	911
LA Co Dept. Pub. Wks.	24-hour Dispatch	(626) 458-4357	1-800-675-4357
LA Co. Health Dept.		(626)-430-5420	1-213-974-1234
LA Co. Flood Control Dist.		(626)-458-4357	
Co Sanitation Districts of LA Co		(562) 699-7411	
R.W.Q.C.B. (Region 4)		(213) 576-6657	(213)-305-2284 FX 213-620-6140
State O.E.S.		1-800-852-7550	

3.0 LEGAL AUTHORITY

The SSSWDR Section D.13.(iii) requires that the City show through its existing codes, ordinances, service agreements or other legally binding procedures that the City possesses the legal authority to:

1) *Prevent illicit discharges into its sanitary sewer system (examples may include I/I, stormwater, chemical dumping, unauthorized debris and cut roots, etc.).*

2) *Require that sewers and connections be properly designed and constructed.*

3) *Ensure access for maintenance, inspection, or repairs for portions of the lateral owned or maintained by the City.*

4) *Limit the discharge of Fats, Oils, and Grease (FOG) and other debris that may cause blockages.*

5) *Enforce any violation of its sewer ordinances.*

3.1 Legal Authority

The City's legal authority to own and operate a sanitary sewer system is derived from its incorporation as a City. The City in 1983, granted the County of Los Angeles the consent and jurisdiction to annex sewered portions of the City into the CSMD. By that action, the City has entrusted the management, operation, and maintenance of its local sanitary sewer system to the CSMD. The City, however, still maintains full ownership of the sewer system.

In compliance with the WDR, this Chapter highlights the City's legal authority to: 1) prevent illicit discharges into the sanitary sewer system; 2) require that sewers and connections be properly designed and constructed; 3) ensure access for maintenance, inspection, or repairs; 4) limit the discharges of FOG and other debris that may cause blockage; and 5) enforce any violation of sewer ordinances or City Municipal Codes (CMC). The legal authorities for the specific areas stipulated in the WDRs are covered in various sections of the City Municipal code and Chapters 20.20, 20.24, 20.22, 20.32, 20.36, and 20.40 of the LACO Code some of which are discussed below:

3.1.1 Legal Authority to Prevent Illicit Discharges into the Sanitary Sewer System

In accordance with the City's Municipal Code, Chapter 51, Section 51.10, the City has adopted the 2002 Edition of Title 28 of the Los Angeles County Plumbing Code, which incorporates most provisions of the California Plumbing Code, as its plumbing code. Per Chapter 9.16, Section 9.16.010 of the CMC, the City has also adopted the 1989 Edition of Title 20 – Utilities of the Los Angeles County (LACO) Code, which regulates sanitary sewers and industrial waste in the County, as its Sanitary Sewer and Industrial Waste use Ordinance. The LACO Plumbing Code Title 28, Sections 306.2, 714.2, and 1101.2 prohibits the unauthorized discharge of rain, surface or subsurface water (inflows) into the collection system. LACO Code – Title 20, Section 20.36.010, prohibits the illegal dumping of offensive or damaging substances such as chemicals, debris, etc. Other Sections of the code that prohibit various forms of illicit discharges are 20.24.020, 20.24.200, 20.32.080, 20.32.650, etc. The City, as one of the CSMD cities, benefits from the districts Infiltration/Inflow (I/I) control program. This program consists of sewer line cleaning and maintenance program, which includes closed circuit television (CCTV) and other mechanisms to detect I/I. By ordinance LACO Title 20, Section 20.40.045, the Los Angeles County Board of Supervisors has established a financial plan to ensure capital replacement or rehabilitation of sewer lines prone to I/I within the CSMD. The LACO Title 20, Section 20.24.080, requires that property owners be responsible for maintenance of their house laterals, including the elimination of cracks, tree roots, and other debris. These laws 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

The LACO Code Title 20, Sections 20.32.330 and 20.32.340 as adopted by the City, require that the design of new main-line sewers and pumping plants respectively in the City, comply with Part 3 of Chapter 20.32 of the Code. Section 20.32.350 of the Code requires that the design of new house laterals also conform to the requirements of Part 3, Chapter 20.32 of the Code unless otherwise covered by the LACO Plumbing Code Title 28. In accordance with LACO Code 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 the LACO Code, the Standard Specifications for Public Works Construction ("Green Book") and by the Special Provisions and Standard Plans, all on file in the office of the City Director of Public Works. The inspection of new main-line sewers and pumping plants to ensure proper construction is covered under Section 20.30.590 of the LACO Code and also regulated under the CMC.

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

The LACO Code – 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 in private property. In accordance with Section 20.32.430 of the LACO Code, the access is secured through 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 the County 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 both routine and emergency repair 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 the LACO Plumbing Code - Title 28 and the LACO Code - Title 20, has the legal authority to satisfy this element of the WDR. The LACO Plumbing Code - Title 28, requires the installation of grease interceptors at restaurants and other food establishments that generate grease in the City. Section 714.1 of the Plumbing Code 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. This prohibition is also contained in the LACO Code – Title 20, Section 20.36.400. The LACO Code - Title 20, Section 20.36.560 gives the City Director of Public Works the authority to require the installation of

treatment facilities, including grease interceptors, at any facility that generates FOG in the amount that will damage or increase the maintenance costs of the sewer collection system.

3.1.5 Legal Authority to Enforce any Violation of Sewer Ordinances

The LACO Code, Section 20.24.090 gives the City Director of Public Works the legal authority to inspect main-line sewers, sewage pumping plants, interceptors etc., as often as he deems necessary, to ascertain whether such facilities are maintained and operated in accordance with the provisions of Division 2 of the LACO Code.

Under 20.24.100 of the LACO Code, the City Director of Public Works is empowered to enforce all the requirements prescribed in Division 2 – Sanitary Sewers and Industrial Waste of the Code and in accordance with Section 20.24.110 may delegate this authority. The LACO Code, Section 20.24.160 allows criminal penalties for any violations of the Sewer and Industrial Waste Ordinances.

The Codes, standard plans, specifications and other material cited in this Chapter are filed at the Office of the City's Director of Public Works.

4.0 OPERATION AND MAINTENANCE PROGRAM

The SSMP shall include those elements listed below that are appropriate and applicable to the Enrollee's system:

1) *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;*

2) *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;*

3) *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;

4) *Provide training on a regular basis for staff in sanitary sewer system operations and maintenance, and require contractors to be appropriately trained; and*

5) *Provide equipment and replacement part inventories, including identification of critical replacement parts.*

4.1 Preventive Maintenance Program

The City is within the CSMD, and therefore depends totally on the CSMD for the operation and maintenance of its collection sewer system. The CSMD's Operation and Maintenance programs applied district-wide and described in details in the SMD SSMP are applicable in the City. The CSMD East Maintenance Yard (See Appendix B) located at 2849 South Myrtle Avenue, in the City of Irwindale provides sewer services to the City. However, personnel from the other four sewer maintenance yards also shown in Appendix B, provide after hour services to the City such as Stand-by, callback, and other sewer emergency services. The maintenance equipments utilized within the City are owned by the CSMD. A complete inventory of the CSMD equipments assigned to the East Maintenance Yard is presented in Appendix C.

The City's maintenance programs are funded through levying of an annual sewer service charge currently at $38.5 per equivalent single-family dwelling unit otherwise called a sewage unit (s.u.). This is included in the $47.5 per s.u. levied by the CSMD and collected with the annual tax bills of property owners in the City that are within the CSMD. The total annual revenue generated for the various sewer programs through the $47.5 per s.u. charge is approximately $688,000 (City Please update). These funds are managed and administered by the County and reviewed and adjusted annually to raise sufficient revenues for the maintenance programs.

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

4.1.1 Sewer Line and Manhole Inspection – The interior and exterior of manholes are inspected semi-annually for any structural defects, sewage flow condition,

presence of vermin or rodents, deleterious industrial waste, odors and any signs of unusual settlement around the manholes 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.

4.1.3 Drop Manholes – These facilities are inspected and cleared of stoppages and flow restrictions on variable frequencies based on prior inspection records.

4.1.4 Sewer Line Cleaning – Sewer lines are cleaned by hydro jet or rodding. Frequency of cleaning is based on inspection records. Sewer lines known to accumulate grease, garbage grinds or sand are put on monthly, quarterly, or semi-annual cleaning schedule and those prone to root growth are periodically rodded or chemically treated.

4.1.5 Vermin and Rodent Control – Sewers infested by insects are chemically treated. Those infested by rodents are baited.

4.1.6 Sewage Pump Stations – All pump stations are equipped with telemetry/alarm system and are inspected twice a week. Pumps and motors are lubricated, control mechanism and valves are checked and adjusted as necessary, and equipment is repaired or modified as required.

4.1.7 Work Scheduling – CSMD work orders within the City are generated and tracked by the LAC DPW's Maintenance Management System (MMS). CSMD field crews activities are recorded in various forms such as service requests, cleaning reports, sewer maintenance daily reports, manhole adjustments, overflow report forms etc. and finally stored in the MMS. The reports are made available to the City upon request.

4.1.8 City Sewer Mapping System – the City maintains as-built plans of City's sewer facilities. Data on the plans, such as system location and alignment, pipe material, size etc, are also stored in the SMD Computer Aided Design Drafting (CADD) system. Information generated by the CADD is printed on Index Map Sheets stored by LAC DPW, Sewer Maintenance Division, located at 1000 South Fremont Avenue, Alhambra, California. The Index Maps are also kept at the SMD Field Maintenance Yards. The maps are updated, as necessary, to reflect any changes in the system.

4.2 Rehabilitation and Replacement Plan

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

4.2.1 Accumulative Capital Outlay Program of the CSMD

As stated above, the City participates in the ACO program of the CSMD. The ACO program identifies, rehabilitates and reconstructs sewer lines within the CSMD that have structural deficiencies. Property owns within the CSMD are levied an annual charge of $4.00 per s.u. for sewer collection system rehabilitation and replacements. The $4.00 per s.u. charge is also a component of the total $47.5 per s.u. annual sewer service charge collected from property owner's district-wide and collected with property owner's annual Tax Bills. The program is managed and administer by the LAC DPW.

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 project. However, LAC DPW would refer portions of the system that have sewer capacity related problems especially hydraulic deficiencies resulting from over development or change in the zoning of any portion of the City to the City for appropriate corrective action. There are currently no known capacity related SSO problems in the City. A detailed discussion of the CSMD ACO Program is contained in Chapter 4.2.1 of the SMD SSMP.

4.2.2 Condition Assessment Program

There is currently about 108 miles of sewer lines and three pumping stations within the City. The existing City collection sewer facilities are listed in Appendix D. Of these, only seventeen percent (17%) was built in the early to late 1960's. The remaining eighty-three (83%) was built much later. The existing sewer pipes, ranging from 8 to 12 inches in diameter, are predominantly of vitrified clay pipe material. Naturally, as these sewer lines age, structural problems such as cracks, joint separation, root intrusion, etc. will develop. To ensure that these problems are properly mitigated, the WDR requires that the City has a program in place to minimize and correct them and that the program is well funded.

As mentioned earlier in this document, the City is within the CSMD and participates in the CSMD's ACO/Condition Assessment Program. Property owners within the CSMD are assessed an annual fee of $4.00 per s.u. for sewer system condition assessment.

This charge is part of the current annual sewer service charge of $47.5 per s.u. levied and collected with property owners annual Tax Bills for the CSMD. This charge is reviewed and adjusted annually by the County to raise sufficient funds for the Condition Assessment Program. Under this program, the entire Sewer Collection System within the City will be inspected by Close Circuit Television (CCTV) to assess the condition of the pipes on a ten year circle basis. The CCTV inspection schedule for the City is presented in Appendix E of this document. The County DPW is responsible for the management and administration of the funds and program.

4.3 Equipment Maintenance and Replacement Policy

The equipment utilized in the maintenance of the City's sewer facilities is owned by the CSMD. The LAC DPW has full responsibility for the maintenance and replacement of these equipment. The LAC DPW Equipment Replacement Policy is described in Chapter 4.3 of the SMD SSMP.

4.4 Training for Field Operations Personnel and Contractors

All personnel needed for the operation and maintenance of the City's sewer system are employed by the LAC DPW. The training of CSMD personnel is a function of the County and not the City. The training methodologies utilized by the County are contained in Chapter 4.4 of the SMD SSMP. The City does not have any formalized training for contractors doing work within the City. However, City's sewer construction projects are awarded to carefully selected contractors with well trained and qualified personnel for any give project. The designed plans and specifications for City's sewer construction projects contain detailed instructions, on City's permitting requirements, standards and policies that must be adhered to by contractors doing work within the City.

5.0 DESIGN AND PERFORMANCE PROVISION

The City's Design and Performance Provisions address those mandatory SSMP provisions outlined in the SSSWDR Section D.13.(v):

1) *Design and construction standards and specifications for the installation of new sanitary sewer systems, pump stations and other appurtenances; and for the rehabilitation and repair of existing sanitary sewer systems; and*

2) *Procedures and standards for inspecting and testing the installation of new sewers, pumps and other appurtenances and for rehabilitation and repair projects.*

5.1 Design and Construction Standards and Specifications

The City requires that all sewers be designed in accordance with Los Angeles County standards. The County DPW has Standard Plans and Specifications for Construction of Sanitary Sewers and appurtenances to ensure that sewer lines and connections are properly designed and constructed. The County DPW specifications by reference incorporate the Standard Plans and Specifications for Public Works Construction, Special Provisions, and Standard Drawings. In addition County DPW 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 system within the City. To further assure that sewer facilities are properly designed and constructed, City requires that plans are designed by licensed engineers and provides thorough review of plans, by City and SMD, prior to approval for construction and inspection of the actual construction work. The SMD plan review is from stand point of maintenance only.

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

The City provides inspection by (utilizing own staff or) out sourcing to qualified consultant for the inspection of new sewer construction projects. The inspection of sewer rehabilitation projects under the ACO program are conducted by County DPW inspectors. City requires that "As-Built" sewer plans of the completed projects be submitted prior to final approval for acceptance of sewer facilities for public use.

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

6.0 OVERFLOW EMERGENCY RESPONSE PLAN

The City has developed and implemented a Sanitary Sewer Overflow Emergency Response Plan (SSOERP) that identifies measures to protect public health and the environment, as required by SSSWDR Section D.13.(vi) by including:

1) *Proper notification procedures so that the primary responders and regulatory agencies are informed of all SSOs in a timely manner;*

2) *A program to ensure an appropriate response to all overflows;*

3) *Procedures to ensure prompt notification to appropriate regulatory agencies and other potentially affected entities (e.g. health agencies, Regional Water Boards,*

water suppliers, etc.) of all SSOs that potentially affect public health or reach the waters of the State in accordance with the MRP. All SSOs shall be reported in accordance with this MRP, the California Water Code, other State Law, and other applicable Regional Water Board WDRs or NPDES permit requirements. The SSMP should identify the officials who will receive immediate notification;

4) *Procedures to ensure that appropriate staff and contractor personnel are aware of and follow the Emergency Response Plan and are appropriately trained;*

5) *Procedures to address emergency operations, such as traffic and crowd control and other necessary response activities; and*

6) *A program to ensure that all reasonable steps are taken to contain and prevent the discharge of untreated and partially treated wastewater to waters of the United States and to minimize or correct any adverse impact on the environment resulting from the SSOs, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the discharge.*

6.1 Overflow Response Procedure

The City, as a member of the CSMD, relies on the services of SMD for sanitary sewer overflows within the City. Therefore, the SMD Overflow Procedure described in Chapter 6, of the SMD SSMP are utilized by the district in the City. Furthermore, the County DPW 24-hour emergency phone number 1-800-675-HELP (4357) is readily available to City staff and residents to use in promptly notifying County DPW staff of SSO events in the City.

6.1.1 Regulatory Agencies Notification and Time Frame

The SMD is responsible for reporting of SSOs' to appropriate regulatory agencies for the City. As discuss in Chapter 2, SSOs that occur in the City are reported to the County by telephone or by telemetry at the pump stations. Upon receipt of such call, County Officials follow the notification guidelines contained in Chapter 6 of the SMD SSMP also presented in Section 6.1.1a and 6.1.1b of this document.

6.1.1a Regulatory Agencies Notification and Time Frame

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: • 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.	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.
		DPH	Within 15 minutes after becoming aware of the spill.	Call and obtain operator number.
		FMD (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.
		RWQCB (Region 4 or 5)	As soon as possible, but no later than 2 hours after becoming aware of the spill.	Certify that the notification has been made ASAP, but no later than 24 hours after becoming aware of the spill.
		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.	FMD (only if entered into storm drain)	Same as above	NA
		DPH	Same as above	NA
		RWQCB (Region 4 and 6)	Same as above	Same as above
		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
		RWQCB (Region 4 and 6)	Same as above	Same as above
		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
		RWQCB (Regions 4 and 6)	Same as above	Same as above
		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		CIWQS Online Database - Update and certify every 12 months.

6.1.1b Agencies Telephone/Fax Numbers

Agency	Contacts	Hours of Operation
County Health Department	(213) 974-1234	Answered on a 24-hour, 7-day basis
State Office of Emergency Services	1-800-852-7550	Answered on a 24-hour, 7-day basis
Los Angeles Regional Water Quality Control Board (Region 4)	(213) 576-6600 (213) 576-6650	Answered only during normal working hours
Flood Maintenance Division East area	(626) 445-7630 (626) 798-6761	Answered only during normal working hours
Public Works Maintenance	(626)813-5204 Fax 626-337-1753	Answered only during normal working hours
Public Works Engineering	(626)813-5255 (626)962-2625	Answered only during normal working hours
Police Dispatch	(626) 960-1955	Answered only during normal working hours
Police Emergency	911	Answered on a 24-hour, 7-day basis
State Water Resource Control Board	Online database website address	

6.1.2 Procedure to ensure that Staff and Contractors are Aware and are appropriately trained to follow Emergency Response Plan

This is mainly the function of the County DPW. City staff however are familiar with the SMD Emergency procedures which is included in the SMD SSMP and posted near responders taking calls.

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 this function. It is performed by County DPW Staff or Contractors doing emergency repair SSO related work for the County or the City. The County Fire and County Sheriff departments also play active roles in the control and protection of the general public during emergency SSO operations.

6.1.4 Program to Eliminate or Minimize the Discharge of SSO into waters of the United State

This is one of the main functions performed by the County DPW for the City. The roles played by the City are limited to ensuring that the City's collection system has sufficient capacity for all operating conditions and making sure that the County DPW staff are promptly notified of SSO events when they do occur.

7.0 FOG CONTROL PROGRAM

The City's Fats, Oils and Grease Control Program addresses the mandatory SSMP provisions outlined in the SSSWDR Section D, 13 (vii). The City's FOG Control Program helps reduce the amount of fats, oils and grease discharged to the sanitary sewer system, by including:

1) *An implementation plan and schedule for a public education outreach program that promotes proper disposal of FOG;*

2) *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;*

3) *The legal authority to prohibit discharges to the system and identify measures to prevent SSO's and blockages caused by FOG;*

4) *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;*

5) *Authority to inspect grease producing facilities, enforcement authorities, and whether the Enrollee has sufficient staff to inspect and enforce the FOG ordinance;*

6) *An identification of sanitary sewer system sections subject to FOG blockages and establishment of a cleaning maintenance schedule for each section; and*

7) *Development and implementation of source control measures for all sources of FOG discharged to the sanitary sewer system for each section identified above.*

7.1 Public Education Outreach Program

The City currently benefit from the County DPW Public Education Outreach Program. Under this program information on proper disposal of FOG and other SSO prevention measures such as the installation of backwater valves, house lateral maintenance etc. is disseminated to CSMD City residents through publication of Annual Reports, brochures and individual notices to property owners. County DPW Sewer Maintenance and Industrial Waste management program personnel also assist in passing useful information on SSO prevention and FOG on to home and business owners. County DPW, in addition, has the Annual Reports posted on its home web page (http://dpw.lacounty.gov/smd/smd/) for easy access to all.

To complement County efforts, the City will initiate its own Public Education Outreach Program. This will consist of including SSO and FOG related articles from County DPW and other sources in City newsletters and City webpage (www.baldwinpark.com) and by maintaining continuous communication with the County, City residents and other stakeholders on these and other issues.

7.2 Disposal Methods for FOG Generated within the City's Sanitary Sewer System

This function is performed by the CSMD staff on behalf of the City. The methods used by County DPW are contained in the SMD SSMP.

7.3 The Legal Authority to Prohibit Discharges to the System and Identify Measures to Prevent SSOs and Blockages Caused By Fog

The legal authority to prohibit discharges of FOG into the sewer system is discussed in Chapter 3 of this document. Requirements for grease interceptors at food establishments to prevent the discharge of grease to the collection sewer system and educating the public on proper disposal methods for FOG are also discussed elsewhere in this chapter.

7.4 Requirement to Install Grease Removal Devices, Design Standards for Grease Removal Devices, Maintenance Requirements, BMP Requirements; Record Keeping and Reporting Requirements

The County DPW, under a separate agreement (Appendix F) with the City, is charged with the responsibility of enforcing the County's Sanitary Sewers and Industrial Waste Ordinance in the City. The Industrial Waste Program of the County is managed by the Environmental Programs Division of County DPW. The design standards for grease removal devices and all the requirement imposed on industrial waste facilities that discharge waste or FOG into the City's sewer system are similar to those imposed in the Unincorporated County and as presented in Chapter 7.4 of the SMD SSMP.

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

The LACO Code, Section 20.24.090, as adopted by the City, gives the City Director of Public Works the authority to inspect grease producing facilities for compliance with permit requirements. There are currently a total of 33 facilities holding Industrial Waste Permits in the City. In accordance with the aforementioned agreement, the County DPW is responsible for issuing the permits and for the inspection of these facilities for compliance with terms of their permit. County DPW in concert with the City Director of Public Works is also responsible for the enforcement of all industrial waste permit and Code violations in the City.

7.6 Cleaning Schedule for Identified FOG Prone Sewer Segments

This function is performed by the CSMD for the City. The methods used by CSMD staff are described in the SMD SSMP.

7.7 Source Control of FOG

Common source control BMPs include pre-wiping oily pans and dishes prior to washing them, installing drain screens in sinks to catch food particles, cleaning hoods regularly, training employees, and maintaining records of training and maintenance activities. As previously discussed, the CSMD staff conducts FOG inspections at food service establishments (FSEs) for compliance with the source control BMP requirements.

8.0 SYSTEM EVALUATION AND CAPACITY ASSURANCE PLAN

The City's System Evaluation and Capacity Assurance Plan addresses the mandatory provisions as outlined in the SSSWDR Section D.13.(vii). These include the following:

1) *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 that escape from the system) associated with conditions similar to those causing overflow events, estimates of the capacity of key system components, hydraulic deficiencies (including components of the system with limiting capacity) and the major sources that contribute to the peak flows associated with overflow events.

2) *Design Criteria: Where design criteria do not exist or are deficient, undertake the evaluation identified in (1) above to establish appropriate design criteria; and*

3) *Capacity Enhancement Measures: The steps needed to establish a short- and long-term CIP to address identified hydraulic deficiencies, including prioritization, alternatives analysis, and schedules. The CIP may include increases in pipe size, I/I reduction programs, increases and redundancy in pumping capacity, and storage facilities. The CIP shall include an implementation schedule and shall identify sources of funding.*

4) *Schedule: The Enrollee shall develop a schedule of completion dates for all portions of the capital improvement program developed in (1)-(3) above. This schedule shall be reviewed and updated consistent with the SSMP review and update requirements as described in Section D. 14.*

8.1 System Evaluation and Capacity Assurance

The City is responsible for ensuring that the public sewer infrastructure is correctly designed, adequately sized and easily maintainable. The CSMD also provides a supporting role in reviewing all proposed sewer plans for new developments in the City to ensure that they conform to County design standards and particularly to ensure that district's requirements for acceptability for maintenance.

The City's current Sewer Master Plan was prepared in 2010, which is a comprehensive sewer master plan that identifies existing system capacity deficiencies, features, items/elements, and necessary upgrades and improvements or new systems based upon future growth and development as anticipated by the General Plan. A copy of the Sewer Master Plan is included in the appendix.

8.2 Adequate Capacity and Correct Design

The City Engineer or hired qualified private company provides thorough review of all sewer plans for proposed development projects in the City to ensure that: 1) they are properly designed with sufficient capacity for current and future base, peak and wet weather flow demands; and 2) any impact of proposed project on existing sewer system is mitigated prior to being approved by the City Engineer. During construction,

the projects are continuously inspected by the City Engineer or hired construction inspectors to ensure that the sewer facilities are constructed in accordance with the approved plans and specifications.

8.3 Capacity Enhancement Plan

The collection sewer system capacity enhancement program is a combined effort of City and County DPW. The CSMD programs to optimize the use of available sewer capacity and preventing SSO include the CCTV program to identify pipe segments needing repairs or with I/I or tree root intrusion problems, sewer cleaning program and the ACO program to effect repairs or replacement of damaged pipes. These programs are described in Chapters 3 and 4 of the SMD SSMP. The City's plan to complement County's efforts is through its Capital Improvement Program. Pipe segments identified to be deficient, through city sewer capacity study, will be prioritize for orderly upgrade utilizing city's sewer funds.

9.0 MONITORING, MEASUREMENT, MODIFICATION PROGRAM

The City's Monitoring, Measurement, and Program Modifications addresses the mandatory provisions outlined in SSWDR Section D.13.(ix). These components include:

1) *Maintain relevant information that can be used to establish and prioritize appropriate SSMP activities;*

2) *Monitor the implementation and, where appropriate, measure the effectiveness of each element of the SSMP;*

3) *Assess the success of the preventative maintenance program;*

4) *Update program elements, as appropriate, based on monitoring or performance evaluations; and*

5) *Identify and illustrate SSO trends, including: frequency, location, and volume.*

9.1 Monitoring

The City will document all relevant data on SSOs that occurred in the City. These will include the quarterly SSO reports from County DPW, Annual Reports publish by County DPW, Sewer Maintenance Productivity Report (Appendix G) 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 evaluation of the City's SSMP Program Effectiveness shall be based on such key performance indicators (Appendix H) as the total number of overflows, overflow response time, reduction in repeated incidents of SSO at some location, total overflow equal to or greater than 1,000 gallons or reaching the waters of the United States and reduction in number of overflows that are caused by sewer capacity-related problems.

The monitoring requirements of the SSO have been modified by the order No. WQ 2013-0058-EXEC. The said new monitoring requirements are as Follow:

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 **any volume** resulting from an enrollee's sanitary sewer system failure or flow condition that: • 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 **1,000 gallons or greater** resulting from an enrollee's sanitary sewer system failure or flow condition that **do not** 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 **within a privately owned sewer lateral** connected to the enrollee's sanitary sewer system or from other private sewer assets. PLSDs that the enrollee becomes aware of may be voluntarily reported to the California Integrated Water Quality System (CIWQS) Online SSO Database.

Table 2 – Notification, Reporting, Monitoring, and Record Keeping Requirements

ELEMENT	REQUIREMENT	METHOD
NOTIFICATION (see section B of MRP)	• Within two hours of becoming aware of any Category 1 SSO **greater than or equal to1,000 gallons discharged to surface water or spilled in a location where it probably will be discharged to surface water**, notify the California Office of Emergency Services (Cal OES) and obtain a notification control number.	Call Cal OES at: **(800) 852-7550**
REPORTING (see section C of MRP)	• Category 1 SSO: Submit draft report 0within three (3) business days of becoming aware of the SSO and certify within 15 calendar days of SSO end date. • Category 2 SSO: Submit draft report within 3 business days of becoming aware of the SSO and certify within 15 calendar days of the SSO end date. • Category 3 SSO: Submit certified report within 30 calendar days of the end of month in which SSO the occurred. • SSO Technical Report: Submit within 45 calendar days after the end date of any Category 1 SSO in which 50,000 gallons or greater are spilled to surface waters. • "No Spill" Certification: Certify that no SSOs occurred within 30 calendar days of the end of the month or, if reporting quarterly, the quarter in which no SSOs occurred. • Collection System Questionnaire: Update and certify every 12 months.	Enter data into the CIWQS Online SSO Database (http://ciwqs.waterboards.ca.gov/), certified by enrollee's Legally Responsible Official(s).
WATER QUALITY MONITORING (see section D of MRP)	• Conduct water quality sampling **within 48 hours** after initial SSO notification for Category 1 SSOs in which 50,000 gallons or greater are spilled to surface waters.	Water quality results are required to be uploaded into CIWQS for Category 1 SSOs in which 50,000 gallons or greater are spilled to surface waters.
RECORD KEEPING (see section E of MRP)	• SSO event records. • Records documenting Sanitary Sewer Management Plan (SSMP) implementation and changes/updates to the SSMP. • Records to document Water Quality Monitoring for SSOs of 50,000 gallons or greater spilled to surface waters. • Collection system telemetry records if relied upon to document and/or estimate SSO Volume.	Self-maintained records shall be available during inspections or upon request.

Furthermore, SWRCB has explained the new monitoring requirements in the Fact Sheet published as follows:

> The following is a summary of major changes made to the existing MRP (Order 2008-0002-EXEC) and incorporated in the final revised MRP (Order WQ 2013-0058-EXEC):

1. Change in Notification Requirement for spills that reach surface water:
   - Three notification calls were required (California Office of Emergency Services, Regional Water Quality Control Boards, and local Health Departments). Required notification has been changed to call California Office of Emergency Services (Cal OES) only since Cal OES notifies the Regional Water Quality Control Boards and local Health Departments when a spill notification is received.
   - Elimination of requirement to submit a certification to Regional Water Quality Control Boards within 24 hours of making notification calls.
   - Alignment of notification requirement with California Code of Regulations section 2250, Reportable Quantity of Sewage, by requiring notification calls for only spills of 1,000 Gallons or more. Notification of Cal OES was required for all spills to surface water.
   - Addition of requirement to update Cal OES when there are substantial changes to previously reported spill volume estimates or impacts.
2. Defined new spill categories and refined spill report fields:
   - Replacement of spill Categories 1 and 2 with Categories 1, 2, and 3. Spills are now classified as follows:
   - Category 1 – Spills of any volume that reach surface water
   - Category 2 – Spills greater than or equal to 1,000 gallons that do not reach surface Water
   - Category 3 (formerly Category 2) – Spills less than 1,000 gallons that do not reach surface water

   All spills to surface water will be in a distinct category with this change. Spill reporting fields were refined and streamlined with stakeholder input.
3. Addition of requirement to submit a technical report within 45 days of the end date for spills to surface water over 50,000 gallons.

4. Addition of requirement for all Permit enrollees to develop a Water Quality Monitoring plan to be implemented within 48 hours after initial notification for spills where 50,000 gallons or more reach surface water.

5. Addition of requirement for Permit enrollees to submit an electronic copy of their Sewer System Management Plan (SSMP) or provide the web address where their SSMP is posted.

6. Addition of enhanced record keeping requirements.

7. Elimination of requirement to certify Private Lateral Sewer Discharge reports.

8. Addition of a 120-day time limit for amending and re-certifying spill reports."

The City of Baldwin Park will modify the monitoring documents to comply with the said new "Amended Monitoring and Reporting Program for the Statewide General Waste Discharge Requirements for Sanitary Sewer System."

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 the County, as necessary, on elements of the SMD SSMP to be adjusted or revised within the City boundaries to better serve its residents.

9.4 SSO Location Mapping and Trends

The annual SSO location maps prepared by County DPW are enclosed in Appendix I. The cause of each SSO incident is also recorded and shown on the map sheets. These maps are used for establishing SSOs pattern, identifying hot spots and for work assignment scheduling by County DPW field personnel.

9.4.1 Location Map – See Appendix B.

9.4.2 Mapping of SSO Frequencies

The monthly numbers of SSOs charts and graphs prepared by County DPW are presented in Appendix J. The graphs are used for identifying SSO trends and to evaluate overall program effectiveness. The charts are used to identify SSO trends and as an indicator of possible Infiltration/Inflow problem

10.0 SSMP PROGRAM AUDIT AND CERTIFICATION

10.1 SSMP Program Audit

The City shall conduct an internal audit and prepare a report every two years. The audit shall focus on evaluating the effectiveness of the SSMP and records of City and SMD's compliance actions during the audit period. The most recent report of the audit must be kept on file in the City's Director of Public Works office. Copies for the said bi-annual internal audit is included in the Appendix K.

10.2 SSMP Certification

The SSMP shall be certified by the Legally Responsible Official (LRO), i.e. City Director of Public Works or other authorized representatives to be in compliance with the requirements set forth in the WDR's and be presented to the City Council for approval at a public meeting. The City authorized representative (LRO) must also complete the certification portion in the Online SSO Database Questionnaire (http://ciwqs.waterboards.ca.gov/) by checking the appropriate milestone box, printing and signing the automated form and sending the signed form to

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

10.3 SSMP Modification and Re-certification

The SSMP must be updated every five years to keep it current. When significant amendments are made to any portion or portions of the SSMP, it must be resubmitted to the City Council for approval and re-certification. The re-certification shall be in accordance with the certification process described in Section 10.2 above

11.0 COMMUNICATION AND SSMP AVAILABILITY

11.1 Communication

The City shall provide all stakeholders and interested parties such as the general 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 newspapers, and the City's home web page for conveying this information.

11.2 SSMP Availability

Copies of the SSMP will be maintained in the City's Director of Public Works Office and posted in the City's home web page. The document shall also be made readily available to the Regional Water Quality Control Board (Regions 4) upon request and to the operators of any collection system or treatment facility downstream of the City's system.

12.0 CSMD AND CITY RESPONSIBILITIES UNDER THE WDR

12.1 CSMD Versus City Responsibilities

The CSMD and the City which is a part of the CSMD will play significant roles, jointly and separately, towards attaining the goals of the WDRs. LAC DPW shall apply for coverage under the WDR for facilities it owns. The City will apply for coverage for its own facilities. LAC DPW shall prepare a comprehensive SSMP for the SMD. The City with coordination with LAC DPW, will prepare its own SSMP. The City has previously adopted Codes and regulations providing it with the legal authority in conjunction with agreements with the SMD to enforce items stipulated in the WDR's. Section 12.2 shows the CSMD Cities including the City of Baldwin Park and the SSO related services currently provided by LAC DPW to each of the cities. It also contains information on estimated population of the cities. The CSMD shall perform all functions under the WDRs related to the operation and maintenance program. CSMD shall also be responsible for conducting structural deficiencies under the ACO program. Cities will be conducting the capacity study of their collection systems, if necessary, and correcting identified hydraulic deficiencies. The matrix on section 12.3 is a listing of the Key elements of the SSMP and the roles for the CSMD and the City. By completing and signing this matrix, the city, as owner, and the CSMD, as service provider, mutually agree that it is an accurate description of what each entity will be responsible for under the WDRs. Upon approval by both parties, this document becomes a part of the City's and SMD SSMP.

12.2 County of Los Angeles Department of Public Works

Sewer Related Services to the 42 CSMD Cities

City	CSMD	Accumulative Capital Outlay Program	Sewer Maintenance Agreement	Building and Safety	Industrial Waste	City Engineers	*Population
Agoura Hills	x	x			x		20,537
Artesia	x	x		x	x		16,380
Baldwin Park	x	x					75,837
Bell Gardens	x	x			x		44,054
Bellflower	x				x		72,878
Bradbury	x	x					855
Calabasas	x	x			x		20,033
Carson	x	x		x	x	x	89,730
Commerce	x	x		x	x	x	12,568
Cudahy	x	x			x		24,208
Diamond Bar	x	x			x		56,287
Duarte	x	x		x	x		21,486
Glendora	x	x					49,415
Hawaiian Gardens	x	x			x		14,779
Hidden Hills	x	x					1,875
Industry	x	x		x			777
Irwindale			x	x	x		1,446
La Canada Flintridge	x	x		x	x		20,318
La Habra Heights	x	x					5,712
La Mirada	x	x		x	x	x	46,783
La Puente	x	x			x		41,063
Lakewood	x	x		x	x	x	79,345
Lancaster	x	x					118,718
Lawndale	x	x		x	x		31,711
Lomita	x	x		x	x	x	20,046
Malibu	x	x					12,575
Palmdale	x	x			x		116,670
Palos Verdes Estates	x	x					13,340
Paramount	x	x			x		55,266
Pico Rivera	x	x			x		63,528
Rancho Palos Verdes	x	x			x		41,145
Rolling Hills	x	x		x			1,871
Rolling Hills Estates	x	x		x	x		7,676
Rosemead	x	x			x		53,505
San Dimas	x	x			x		64,980
Santa Clarita	x	x			x		151,088
Santa Fe Springs	x	x		x			17,438
South El Monte	x	x					21,144
Temple City	x	x		x	x	x	33,377
Walnut	x	x			x		30,004
West Hollywood			x		x		35,716
Westlake Village	x	x		x	x		8,368
TOTALS:	**40**	**39**	**2**	**16**	**31**	**6**	**1,614,532**

APPENDIX A
Waste Discharge Requirement
(SWRCB Order 2006-003, WQ 2013-0058 EXEC)

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

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.

SEWER SYSTEM MANAGEMENT PLANS

5. To facilitate proper funding and management of sanitary sewer systems, each Enrollee must develop and implement a system-specific Sewer System Management Plan (SSMP). To be effective, SSMPs must include provisions to provide proper and efficient management, operation, and maintenance of sanitary sewer systems, while taking into consideration risk management and cost benefit analysis. Additionally, an SSMP must contain a spill response plan that establishes standard procedures for immediate response to an SSO in a manner designed to minimize water quality impacts and potential nuisance conditions.

6. Many local public agencies in California have already developed SSMPs and implemented measures to reduce SSOs. These entities can build upon their existing efforts to establish a comprehensive SSMP consistent with this Order. Others, however, still require technical assistance and, in some cases, funding to improve sanitary sewer system operation and maintenance in order to reduce SSOs.

7. SSMP certification by technically qualified and experienced persons can provide a useful and cost-effective means for ensuring that SSMPs are developed and implemented appropriately.

8. It is the State Water Board's intent to gather additional information on the causes and sources of SSOs to augment existing information and to determine the full extent of SSOs and consequent public health and/or environmental impacts occurring in the State.

9. Both uniform SSO reporting and a centralized statewide electronic database are needed to collect information to allow the State Water Board and Regional Water Quality Control Boards (Regional Water Boards) to effectively analyze the extent of SSOs statewide and their potential impacts on beneficial uses and public health. The monitoring and reporting program required by this Order and the attached Monitoring and Reporting Program No. 2006-0003-DWQ, are necessary to assure compliance with these waste discharge requirements (WDRs).

10. Information regarding SSOs must be provided to Regional Water Boards and other regulatory agencies in a timely manner and be made available to the public in a complete, concise, and timely fashion.

11. Some Regional Water Boards have issued WDRs or WDRs that serve as National Pollution Discharge Elimination System (NPDES) permits to sanitary sewer system owners/operators within their jurisdictions. This Order establishes minimum requirements to prevent SSOs. Although it is the State Water Board's intent that this Order be the primary regulatory mechanism for sanitary sewer systems statewide, Regional Water Boards may issue more stringent or more

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

water quality in the area, costs associated with compliance with these requirements, the need for developing housing within California, and the need to develop and use recycled water.

16. The Federal Clean Water Act largely prohibits any discharge of pollutants from a point source to waters of the United States except as authorized under an NPDES permit. In general, any point source discharge of sewage effluent to waters of the United States must comply with technology-based, secondary treatment standards, at a minimum, and any more stringent requirements necessary to meet applicable water quality standards and other requirements. Hence, the unpermitted discharge of wastewater from a sanitary sewer system to waters of the United States is illegal under the Clean Water Act. In addition, many Basin Plans adopted by the Regional Water Boards contain discharge prohibitions that apply to the discharge of untreated or partially treated wastewater. Finally, the California Water Code generally prohibits the discharge of waste to land prior to the filing of any required report of waste discharge and the subsequent issuance of either WDRs or a waiver of WDRs.

17. California Water Code section 13263 requires a 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.

18. California Water Code section 13050, subdivision (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.
    c. Occurs during, or as a result of, the treatment or disposal of wastes.

19. This Order is consistent with State Water Board Resolution No. 68-16 (Statement of Policy with Respect to Maintaining High Quality of Waters in California) in that the Order imposes conditions to prevent impacts to water quality, does not allow the degradation of water quality, will not unreasonably affect beneficial uses of water, and will not result in water quality less than prescribed in State Water Board or Regional Water Board plans and policies.

20. The action to adopt this General Order is exempt from the California Environmental Quality Act (Public Resources Code §21000 et seq.) because it is an action taken by a regulatory agency to assure the protection of the environment and the regulatory process involves procedures for protection of the environment. (Cal. Code Regs., tit. 14, §15308). In addition, the action to adopt

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.

For purposes of this Order, sanitary sewer systems include only those systems owned by public agencies that are comprised of more than one mile of pipes or sewer lines.

3. **Enrollee** - A federal or state agency, municipality, county, district, and other public entity that owns or operates a sanitary sewer system, as defined in the general WDRs, and that has submitted a complete and approved application for coverage under this Order.

4. **SSO Reporting System** – Online spill reporting system that is hosted, controlled, and maintained by the State Water Board. The web address for this site is http://ciwqs.waterboards.ca.gov. This online database is maintained on a secure site and is controlled by unique usernames and passwords.

5. **Untreated or partially treated wastewater** – Any volume of waste discharged from the sanitary sewer system upstream of a wastewater treatment plant headworks.

6. **Satellite collection system** – The portion, if any, of a sanitary sewer system owned or operated by a different public agency than the agency that owns and operates the wastewater treatment facility to which the sanitary sewer system is tributary.

7. **Nuisance** - California Water Code section 13050, subdivision (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.
   c. Occurs during, or as a result of, the treatment or disposal of wastes.

B. APPLICATION REQUIREMENTS

1. Deadlines for Application – All public agencies that currently own or operate sanitary sewer systems within the State of California must apply for coverage under the general WDRs within six (6) months of the date of adoption of the general WDRs. Additionally, public agencies that acquire or assume responsibility for operating sanitary sewer systems after the date of adoption of this Order must apply for coverage under the general WDRs at least three (3) months prior to operation of those facilities.

2. Applications under the general WDRs – In order to apply for coverage pursuant to the general WDRs, a legally authorized representative for each agency must submit a complete application package. Within sixty (60) days of adoption of the general WDRs, State Water Board staff will send specific instructions on how to

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

flood control channels or waters of the United States by blocking the storm drainage system and by removing the wastewater from the storm drains.

5. All SSOs must be reported in accordance with Section G of the general WDRs.

6. In any enforcement action, the State and/or Regional Water Boards will consider the appropriate factors under the duly adopted State Water Board Enforcement Policy. And, consistent with the Enforcement Policy, the State and/or Regional Water Boards must consider the Enrollee's efforts to contain, control, and mitigate SSOs when considering the California Water Code Section 13327 factors. In assessing these factors, the State and/or Regional Water Boards will also consider whether:

   (i) The Enrollee has complied with the requirements of this Order, including requirements for reporting and developing and implementing a SSMP;

   (ii) The Enrollee can identify the cause or likely cause of the discharge event;

   (iii) There were no feasible alternatives to the discharge, such as temporary storage or retention of untreated wastewater, reduction of inflow and infiltration, use of adequate backup equipment, collecting and hauling of untreated wastewater to a treatment facility, or an increase in the capacity of the system as necessary to contain the design storm event identified in the SSMP. It is inappropriate to consider the lack of feasible alternatives, if the Enrollee does not implement a periodic or continuing process to identify and correct problems.

   (iv) The discharge was exceptional, unintentional, temporary, and caused by factors beyond the reasonable control of the Enrollee;

   (v) The discharge could have been prevented by the exercise of reasonable control described in a certified SSMP for:
   - Proper management, operation and maintenance;
   - Adequate treatment facilities, sanitary sewer system facilities, and/or components with an appropriate design capacity, to reasonably prevent SSOs (e.g., adequately enlarging treatment or collection facilities to accommodate growth, infiltration and inflow (I/I), etc.);
   - Preventive maintenance (including cleaning and fats, oils, and grease (FOG) control);
   - Installation of adequate backup equipment; and
   - Inflow and infiltration prevention and control to the extent practicable.

   (vi) The sanitary sewer system design capacity is appropriate to reasonably prevent SSOs.

(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.

12. In accordance with the California Business and Professions Code sections 6735, 7835, and 7835.1, all engineering and geologic evaluations and judgments shall be performed by or under the direction of registered professionals competent and proficient in the fields pertinent to the required activities. Specific elements of the SSMP that require professional evaluation and judgments shall be prepared by or under the direction of appropriately qualified professionals, and shall bear the professional(s)' signature and stamp.

13. The mandatory elements of the SSMP are specified below. However, if the Enrollee believes that any element of this section is not appropriate or applicable to the Enrollee's sanitary sewer system, the SSMP program does not need to address that element. The Enrollee must justify why that element is not applicable. The SSMP must be approved by the deadlines listed in the SSMP Time Schedule below.

Sewer System Management Plan (SSMP)

(i) **Goal**: The goal of the SSMP is to provide a plan and schedule to properly manage, operate, and maintain all parts of the sanitary sewer system. This will help reduce and prevent SSOs, as well as mitigate any SSOs that do occur.

(ii) **Organization**: The SSMP must identify:

(a) The name of the responsible or authorized representative as described in Section J of this Order.

(b) The names and telephone numbers for management, administrative, and maintenance positions responsible for implementing specific measures in the SSMP program. The SSMP must identify lines of authority through an organization chart or similar document with a narrative explanation; and

(c) The chain of communication for reporting SSOs, from receipt of a complaint or other information, including the person responsible for reporting SSOs to the State and Regional Water Board and other agencies if applicable (such as County Health Officer, County Environmental Health Agency, Regional Water Board, and/or State Office of Emergency Services (OES)).

(iii) **Legal Authority:** Each Enrollee must demonstrate, through sanitary sewer system use ordinances, service agreements, or other legally binding procedures, that it possesses the necessary legal authority to:

(a) Prevent illicit discharges into its sanitary sewer system (examples may include I/I, stormwater, chemical dumping, unauthorized debris and cut roots, etc.);

(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

(e) Provide equipment and replacement part inventories, including identification of critical replacement parts.

(v) **Design and Performance Provisions**:

(a) Design and construction standards and specifications for the installation of new sanitary sewer systems, pump stations and other appurtenances; and for the rehabilitation and repair of existing sanitary sewer systems; and

(b) Procedures and standards for inspecting and testing the installation of new sewers, pumps, and other appurtenances and for rehabilitation and repair projects.

(vi) **Overflow Emergency Response Plan** - Each Enrollee shall develop and implement an overflow emergency response plan that identifies measures to protect public health and the environment. At a minimum, this plan must include the following:

(a) Proper notification procedures so that the primary responders and regulatory agencies are informed of all SSOs in a timely manner;

(b) A program to ensure an appropriate response to all overflows;

(c) Procedures to ensure prompt notification to appropriate regulatory agencies and other potentially affected entities (e.g. health agencies, Regional Water Boards, water suppliers, etc.) of all SSOs that potentially affect public health or reach the waters of the State in accordance with the MRP. All SSOs shall be reported in accordance with this MRP, the California Water Code, other State Law, and other applicable Regional Water Board WDRs or NPDES permit requirements. The SSMP should identify the officials who will receive immediate notification;

(d) Procedures to ensure that appropriate staff and contractor personnel are aware of and follow the Emergency Response Plan and are appropriately trained;

(e) Procedures to address emergency operations, such as traffic and crowd control and other necessary response activities; and

(f) A program to ensure that all reasonable steps are taken to contain and prevent the discharge of untreated and partially treated wastewater to waters of the United States and to minimize or correct any adverse impact on the environment resulting from the SSOs, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the discharge.

(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

that escape from the system) associated with conditions similar to those causing overflow events, estimates of the capacity of key system components, hydraulic deficiencies (including components of the system with limiting capacity) and the major sources that contribute to the peak flows associated with overflow events;

(b) **Design Criteria:** Where design criteria do not exist or are deficient, undertake the evaluation identified in (a) above to establish appropriate design criteria; and

(c) **Capacity Enhancement Measures:** The steps needed to establish a short- and long-term CIP to address identified hydraulic deficiencies, including prioritization, alternatives analysis, and schedules. The CIP may include increases in pipe size, I/I reduction programs, increases and redundancy in pumping capacity, and storage facilities. The CIP shall include an implementation schedule and shall identify sources of funding.

(d) **Schedule:** The Enrollee shall develop a schedule of completion dates for all portions of the capital improvement program developed in (a)-(c) above. This schedule shall be reviewed and updated consistent with the SSMP review and update requirements as described in Section D. 14.

(ix) **Monitoring, Measurement, and Program Modifications:** The Enrollee shall:

(a) Maintain relevant information that can be used to establish and prioritize appropriate SSMP activities;

(b) Monitor the implementation and, where appropriate, measure the effectiveness of each element of the SSMP;

(c) Assess the success of the preventative maintenance program;

(d) Update program elements, as appropriate, based on monitoring or performance evaluations; and

(e) Identify and illustrate SSO trends, including: frequency, location, and volume.

(x) **SSMP Program Audits** - As part of the SSMP, the Enrollee shall conduct periodic internal audits, appropriate to the size of the system and the number of SSOs. At a minimum, these audits must occur every two years and a report must be prepared and kept on file. This audit shall focus on evaluating the effectiveness of the SSMP and the

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.

Sewer System Management Plan Time Schedule

Task and Associated Section	Completion Date			
	Population > 100,000	Population between 100,000 and 10,000	Population between 10,000 and 2,500	Population < 2,500
Application for Permit Coverage ***Section C***	6 months after WDRs Adoption			
Reporting Program ***Section G***	6 months after WDRs Adoption[1]			
SSMP Development Plan and Schedule ***No specific Section***	9 months after WDRs Adoption[2]	12 months after WDRs Adoption[2]	15 months after WDRs Adoption[2]	18 months after WDRs Adoption[2]
Goals and Organization Structure ***Section D 13 (i) & (ii)***	12 months after WDRs Adoption[2]		18 months after WDRs Adoption[2]	
Overflow Emergency Response Program ***Section D 13 (vi)***	24 months after WDRs Adoption[2]	30 months after WDRs Adoption[2]	36 months after WDRs Adoption[2]	39 months after WDRs Adoption[2]
Legal Authority ***Section D 13 (iii)***				
Operation and Maintenance Program ***Section D 13 (iv)***				
Grease Control Program ***Section D 13 (vii)***				
Design and Performance ***Section D 13 (v)***	36 months after WDRs Adoption	39 months after WDRs Adoption	48 months after WDRs Adoption	51 months after WDRs Adoption
System Evaluation and Capacity Assurance Plan ***Section D 13 (viii)***				
Final SSMP, incorporating all of the SSMP requirements ***Section D 13***				

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;

c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and

d. Sample or monitor at reasonable times, for the purposes of assuring compliance with this Order or as otherwise authorized by the California Water Code, any substances or parameters at any location.

G. GENERAL MONITORING AND REPORTING REQUIREMENTS

1. The Enrollee shall furnish to the State or Regional Water Board, within a reasonable time, any information that the State or Regional Water Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The Enrollee shall also furnish to the Executive Director of the State Water Board or Executive Officer of the applicable Regional Water Board, upon request, copies of records required to be kept by this Order.

2. The Enrollee shall comply with the attached Monitoring and Reporting Program No. 2006-0003 and future revisions thereto, as specified by the Executive Director. Monitoring results shall be reported at the intervals specified in Monitoring and Reporting Program No. 2006-0003. Unless superseded by a specific enforcement Order for a specific Enrollee, these reporting requirements are intended to replace other mandatory routine written reports associated with SSOs.

3. All Enrollees must obtain SSO Database accounts and receive a "Username" and "Password" by registering through the California Integrated Water Quality System (CIWQS). These accounts will allow controlled and secure entry into the SSO Database. Additionally, within 30days of receiving an account and prior to recording spills into the SSO Database, all Enrollees must complete the "Collection System Questionnaire", which collects pertinent information regarding a Enrollee's collection system. The "Collection System Questionnaire" must be updated at least every 12 months.

4. Pursuant to Health and Safety Code section 5411.5, any person who, without regard to intent or negligence, causes or permits any untreated wastewater or other waste to be discharged in or on any waters of the State, or discharged in or deposited where it is, or probably will be, discharged in or on any surface waters of the State, as soon as that person has knowledge of the discharge, shall immediately notify the local health officer of the discharge. Discharges of untreated or partially treated wastewater to storm drains and drainage channels, whether man-made or natural or concrete-lined, shall be reported as required above.

   Any SSO greater than 1,000 gallons discharged in or on any waters of the State, or discharged in or deposited where it is, or probably will be, discharged in or on any surface waters of the State shall also be reported to the Office of Emergency Services pursuant to California Water Code section 13271.

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

falsifying any information provided in the technical or monitoring reports is subject to civil monetary penalties.

L. SEVERABILITY

1. The provisions of this Order are severable, and if any provision of this Order, or the application of any provision of this Order to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Order, shall not be affected thereby.

2. This order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, nor protect the Enrollee from liability under federal, state or local laws, nor create a vested right for the Enrollee to continue the waste discharge.

CERTIFICATION

The undersigned Clerk to the State Water Board does hereby certify that the foregoing is a full, true, and correct copy of general WDRs duly and regularly adopted at a meeting of the State Water Resources Control Board held on May 2, 2006.

AYE: Tam M. Doduc
Gerald D. Secundy

NO: Arthur G. Baggett

ABSENT: None

ABSTAIN: None

Song Her
Clerk to the Board

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

ORDER NO. WQ 2008-0002-EXEC

ADOPTING AMENDED MONITORING AND REPORTING REQUIREMENTS FOR STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS FOR SANITARY SEWER SYSTEMS

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

1. The State Water Board is authorized to prescribe statewide general waste discharge requirements for categories of discharges that involve the same or similar operations and the same of similar types of waste pursuant to Water Code 13263, subdivision (i).

2. The State Water Board on May 2, 2006, adopted Statewide General Waste Discharge Requirements for Sanitary Sewer Systems, Order No. 2006-0003-DWQ, pursuant to that authority.

3. The State Water Board on May 2, 2006, adopted Monitoring and Reporting Requirements to implement the General Waste Discharge Requirements for Sanitary Sewer Systems.

4. State Water Board Order No. 2006-0003-DWQ, paragraph G.2., and the Monitoring and Reporting Requirements, both provide that the Executive Director may modify the terms of the Monitoring and Reporting Requirements at any time.

5. The time allowed in those Monitoring and Reporting Requirements for the filing of the initial report of an overflow is too long to adequately protect the public health and safety or the beneficial uses of the waters of the state when there is a sewage collection system spill. An additional notification requirement is necessary and appropriate to ensure the Office of Emergency Services, local public health officials, and the applicable regional water quality control board are apprised of a spill that reaches a drainage channel or surface water.

6. Further, the burden of providing a notification as soon as possible is de minimis and will allow response agencies to take action as soon as possible to protect public health and safety and beneficial uses of the waters of the state.

IT IS HEREBY ORDERED THAT:

Pursuant to the authority delegated by Resolution No. 2002-0104 and Order No. 2006-0003-DWQ, the Monitoring and Reporting Requirements for Statewide General Waste Discharge Requirements for Sanitary Sewer Systems No. 2006-0003-DWQ is hereby amended as shown in Attachment A, with new text indicated by double-underline.

Dated: February 20, 2008

Dorothy Rice
Executive Director

ATTACHMENT A

STATE WATER RESOURCES CONTROL BOARD
MONITORING AND REPORTING PROGRAM NO. 2006-0003-DWQ
(AS REVISED BY ORDER NO. WQ 2008-0002-EXEC)

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 No. 2006-2003-DWQ, "Statewide General Waste Discharge Requirements for Sanitary Sewer Systems." Revisions to this MRP may be made at any time by the Executive Director, and may include a reduction or increase in the monitoring and reporting.

NOTIFICATION

Although State and Regional Water Board staff do not have duties as first responders, this Monitoring and Reporting Program is an appropriate mechanism to ensure that the agencies that do have first responder duties are notified in a timely manner in order to protect public health and beneficial uses.

1. For any discharges of sewage that results in a discharge to a drainage channel or a surface water, the Discharger shall, as soon as possible, but not later then two (2) hours after becoming aware of the discharge, notify the State Office of Emergency Services, the local health officer or directors of environmental health with jurisdiction over affected water bodies, and the appropriate Regional Water Quality Control Board.

2. As soon as possible, but no later then twenty-four (24) hours after becoming aware of a discharge to a drainage channel or a surface water, the Discharger shall submit to the appropriate Regional Water Quality Control Board a certification that the State Office of Emergency Services and the local health officer or directors of environmental health with jurisdiction over the affected water bodies have been notified of the discharge.

A. SANITARY SEWER OVERFLOW REPORTING

SSO Categories

1. Category 1 - All discharges of sewage resulting from a failure in the Enrollee's sanitary sewer system that:
   A. Equal or exceed 1000 gallons, or
   B. Result in a discharge to a drainage channel and/or surface water; or
   C. Discharge to a storm drainpipe that was not fully captured and returned to the sanitary sewer system.

2. Category 2 – All other discharges of sewage resulting from a failure in the Enrollee's sanitary sewer system.

3. Private Lateral Sewage Discharges – Sewage discharges that are caused by blockages or other problems within a privately owned lateral.

SSO Reporting Timeframes

4. Category 1 SSOs – Except as provided above, all SSOs that meet the above criteria for Category 1 SSOs must be reported as soon as: (1) the Enrollee has knowledge of the discharge, (2) reporting is possible, and (3) reporting can be provided without substantially impeding cleanup or other emergency measures. Initial reporting of Category 1 SSOs must be reported to the Online SSO System as soon as possible but no later than 3 business days after the Enrollee is made aware of the SSO. Minimum information that must be contained in the 3-day report must include all information identified in section 9 below, except for item 9.K. A final certified report must be completed through the Online SSO System, within 15 calendar days of the conclusion of SSO response and remediation. Additional information may be added to the certified report, in the form of an attachment, at any time.

   The above reporting requirements are in addition to do not preclude other emergency notification requirements and timeframes mandated by other regulatory agencies (local County Health Officers, local Director of Environmental Health, Regional Water Boards, or Office of Emergency Services (OES)) or State law.

5. Category 2 SSOs – All SSOs that meet the above criteria for Category 2 SSOs must be reported to the Online SSO Database within 30 days after the end of the calendar month in which the SSO occurs (e.g. all SSOs occurring in the month of January must be entered into the database by March 1st).

6. Private Lateral Sewage Discharges – All sewage discharges that meet the above criteria for Private Lateral sewage discharges may be reported to the Online SSO Database based upon the Enrollee's discretion. If a Private Lateral sewage discharge is recorded in the SSO Database, the Enrollee must identify the sewage discharge as occurring and caused by a private lateral, and a responsible party (other than the Enrollee) should be identified, if known.

7. If there are no SSOs during the calendar month, the Enrollee will provide, within 30 days after the end of each calendar month, a statement through the Online SSO Database certifying that there were no SSOs for the designated month.

8. In the event that the SSO Online Database is not available, the enrollee must fax all required information to the appropriate Regional Water Board office in

accordance with the time schedules identified above. In such event, the Enrollee must also enter all required information into the Online SSO Database as soon as practical.

Mandatory Information to be Included in SSO Online Reporting

All Enrollees must obtain SSO Database accounts and receive a "Username" and "Password" by registering through the California Integrated Water Quality System (CIWQS). These accounts will allow controlled and secure entry into the SSO Database. Additionally, within thirty (30) days of receiving an account and prior to recording SSOs into the SSO Database, all Enrollees must complete the "Collection System Questionnaire", which collects pertinent information regarding an Enrollee's collection system. The "Collection System Questionnaire" must be updated at least every 12 months.

At a minimum, the following mandatory information must be included prior to finalizing and certifying an SSO report for each category of SSO:

9. Category 2 SSOs:

   A. Location of SSO by entering GPS coordinates;
   B. Applicable Regional Water Board, i.e. identify the region in which the SSO occurred;
   C. County where SSO occurred;
   D. Whether or not the SSO entered a drainage channel and/or surface water;
   E. Whether or not the SSO was discharged to a storm drain pipe that was not fully captured and returned to the sanitary sewer system;
   F. Estimated SSO volume in gallons;
   G. SSO source (manhole, cleanout, etc.);
   H. SSO cause (mainline blockage, roots, etc.);
   I. Time of SSO notification or discovery;
   J. Estimated operator arrival time;
   K. SSO destination;
   L. Estimated SSO end time; and
   M. SSO Certification. Upon SSO Certification, the SSO Database will issue a Final SSO Identification (ID) Number.

10. Private Lateral Sewage Discharges:

   A. All information listed above (if applicable and known), as well as;
   B. Identification of sewage discharge as a private lateral sewage discharge; and
   C. Responsible party contact information (if known).

11. Category 1 SSOs:

A. All information listed for Category 2 SSOs, as well as;
B. Estimated SSO volume that reached surface water, drainage channel, or not recovered from a storm drain;
C. Estimated SSO amount recovered;
D. Response and corrective action taken;
E. If samples were taken, identify which regulatory agencies received sample results (if applicable). If no samples were taken, NA must be selected.
F. Parameters that samples were analyzed for (if applicable);
G. Identification of whether or not health warnings were posted;
H. Beaches impacted (if applicable). If no beach was impacted, NA must be selected;
I. Whether or not there is an ongoing investigation;
J. Steps taken or planned to reduce, eliminate, and prevent reoccurrence of the overflow and a schedule of major milestones for those steps;
K. OES control number (if applicable);
L. Date OES was called (if applicable);
M. Time OES was called (if applicable);
N. Identification of whether or not County Health Officers were called;
O. Date County Health Officer was called (if applicable); and
P. Time County Health Officer was called (if applicable).

Reporting to Other Regulatory Agencies

These reporting requirements do not preclude an Enrollee from reporting SSOs to other regulatory agencies pursuant California state law. These reporting requirements do not replace other Regional Water Board telephone reporting requirements for SSOs.

1. The Enrollee shall report SSOs to OES, in accordance with California Water Code Section 13271.

Office of Emergency Services
Phone (800) 852-7550

2. The Enrollee shall report SSOs to County Health officials in accordance with California Health and Safety Code Section 5410 et seq.

3. The SSO database will automatically generate an e-mail notification with customized information about the SSO upon initial reporting of the SSO and final certification for all Category 1 SSOs. E-mails will be sent to the appropriate County Health Officer and/or Environmental Health Department if the county desires this information, and the appropriate Regional Water Board.

B. Record Keeping

1. Individual SSO records shall be maintained by the Enrollee for a minimum of five years from the date of the SSO. This period may be extended when requested by a Regional Water Board Executive Officer.

[2. Omitted.]

3. All records shall be made available for review upon State or Regional Water Board staff's request.

4. All monitoring instruments and devices that are used by the Enrollee to fulfill the prescribed monitoring and reporting program shall be properly maintained and calibrated as necessary to ensure their continued accuracy;

5. The Enrollee shall retain records of all SSOs, such as, but not limited to and when applicable:

   a. Record of Certified report, as submitted to the online SSO database;
   b. All original recordings for continuous monitoring instrumentation;
   c. Service call records and complaint logs of calls received by the Enrollee;
   d. SSO calls;
   e. SSO records;
   f. Steps that have been and will be taken to prevent the SSO from recurring and a schedule to implement those steps.
   g. Work orders, work completed, and any other maintenance records from the previous 5 years which are associated with responses and investigations of system problems related to SSOs;
   h. A list and description of complaints from customers or others from the previous 5 years; and
   i. Documentation of performance and implementation measures for the previous 5 years.

6. If water quality samples are required by an environmental or health regulatory agency or State law, or if voluntary monitoring is conducted by the Enrollee or its agent(s), as a result of any SSO, records of monitoring information shall include:

   a. The date, exact place, and time of sampling or measurements;
   b. The individual(s) who performed the sampling or measurements;
   c. The date(s) analyses were performed;
   d. The individual(s) who performed the analyses;
   e. The analytical technique or method used; and,
   f. The results of such analyses.

C. Certification

1. All final reports must be certified by an authorized person as required by Provision J of the Order.
2. Registration of authorized individuals, who may certify reports, will be in accordance with the CIWQS' protocols for reporting.

Monitoring and Reporting Program No. 2006-0003 will become effective on the date of adoption by the State Water Board. The notification requirements added by Order No. WQ 2008-0002-EXEC will become effective upon issuance by the Executive Director.

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 Board.

Jeanine Townsend
Clerk to the Board

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 information[2] 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

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[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/malhaz.nsf/$defaultview and http://w3.calema.ca.gov/operational/malhaz.nsf

and Cal OES is duplicative. To address this, the SSO notification requirements added by the February 20, 2008 MRP revision are being removed in this MRP revision.

8. In the February 28, 2008 Memorandum of Agreement between the State Water Board and the California Water and Environment Association (CWEA), the State Water Board committed to re-designing the CIWQS[3] Online SSO Database to allow "event" based SSO reporting versus the original "location" based reporting. Revisions to this MRP and accompanying changes to the CIWQS Online SSO Database will implement this change by allowing for multiple SSO appearance points to be associated with each SSO event caused by a single asset failure.

9. Based on stakeholder input and Water Board staff experience implementing the SSO Reduction Program, SSO categories have been revised in this MRP. In the prior version of the MRP, SSOs have been categorized as Category 1 or Category 2. This MRP implements changes to SSO categories by adding a Category 3 SSO type. This change will improve data management to further assist Water Board staff with evaluation of high threat and low threat SSOs by placing them in unique categories (i.e., Category 1 and Category 3, respectively). This change will also assist enrollees in identifying SSOs that require Cal OES notification.

10. Based on over six years of implementation of the SSS WDRs, the State Water Board concludes that the February 20, 2008 MRP must be updated to better advance the SSO Reduction Program[4] objectives, assess compliance, and enforce the requirements of the SSS WDRs.

IT IS HEREBY ORDERED THAT:

Pursuant to the authority delegated by Water Code section 13267(f), Resolution 2002-0104, and Order 2006-0003-DWQ, the MRP for the SSS WDRs (Order 2006-0003-DWQ) is hereby amended as shown in Attachment A and shall be effective on September 9, 2013.

8/6/13
Date

Thomas Howard
Executive Director

[3] California Integrated Water Quality System (CIWQS) publicly available at http://www.waterboards.ca.gov/ciwqs/publicreports.shtml

[4] Statewide Sanitary Sewer Overflow Reduction Program information is available at: http://www.waterboards.ca.gov/water_issues/programs/sso/

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 **any volume** resulting from an enrollee's sanitary sewer system failure or flow condition that: • 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 **1,000 gallons or greater** resulting from an enrollee's sanitary sewer system failure or flow condition that **do not** 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 **within a privately owned sewer lateral** connected to the enrollee's sanitary sewer system or from other private sewer assets. PLSDs that the enrollee becomes aware of may be voluntarily reported to the California Integrated Water Quality System (CIWQS) Online SSO Database.

Table 2 – Notification, Reporting, Monitoring, and Record Keeping Requirements

ELEMENT	REQUIREMENT	METHOD
NOTIFICATION (see section B of MRP)	• Within two hours of becoming aware of any Category 1 SSO **greater than or equal to 1,000 gallons discharged to surface water or spilled in a location where it probably will be discharged to surface water**, notify the California Office of Emergency Services (Cal OES) and obtain a notification control number.	Call Cal OES at: **(800) 852-7550**
REPORTING (see section C of MRP)	• Category 1 SSO: Submit draft report within three business days of becoming aware of the SSO and certify within 15 calendar days of SSO end date. • Category 2 SSO: Submit draft report within 3 business days of becoming aware of the SSO and certify within 15 calendar days of the SSO end date. • Category 3 SSO: Submit certified report within 30 calendar days of the end of month in which SSO the occurred. • SSO Technical Report: Submit within 45 calendar days after the end date of any Category 1 SSO in which 50,000 gallons or greater are spilled to surface waters. • "No Spill" Certification: Certify that no SSOs occurred within 30 calendar days of the end of the month or, if reporting quarterly, the quarter in which no SSOs occurred. • Collection System Questionnaire: Update and certify every 12 months.	Enter data into the CIWQS Online SSO Database (http://ciwqs.waterboards.ca.gov/), certified by enrollee's Legally Responsible Official(s).
WATER QUALITY MONITORING (see section D of MRP)	• Conduct water quality sampling **within 48 hours** after initial SSO notification for Category 1 SSOs in which 50,000 gallons or greater are spilled to surface waters.	Water quality results are required to be uploaded into CIWQS for Category 1 SSOs in which 50,000 gallons or greater are spilled to surface waters.
RECORD KEEPING (see section E of MRP)	• SSO event records. • Records documenting Sanitary Sewer Management Plan (SSMP) implementation and changes/updates to the SSMP. • Records to document Water Quality Monitoring for SSOs of 50,000 gallons or greater spilled to surface waters. • Collection system telemetry records if relied upon to document and/or estimate SSO Volume.	Self-maintained records shall be available during inspections or upon request.

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.

C. REPORTING REQUIREMENTS

1. **CIWQS Online SSO Database Account:** All enrollees shall obtain a CIWQS Online SSO Database account and receive a "Username" and "Password" by registering through CIWQS. These accounts allow controlled and secure entry into the CIWQS Online SSO Database.

2. **SSO Mandatory Reporting Information:** For reporting purposes, if one SSO event results in multiple appearance points in a sewer system asset, the enrollee shall complete one SSO report in the CIWQS Online SSO Database which includes the GPS coordinates for the location of the SSO appearance point closest to the failure point, blockage or location of the flow condition that caused the SSO, and provide descriptions of the locations of all other discharge points associated with the SSO event.

3. **SSO Categories**

   i. **Category 1** – Discharges of untreated or partially treated wastewater of any volume resulting from an enrollee's sanitary sewer system failure or flow condition that:

      a. Reach surface water and/or reach a drainage channel tributary to a surface water; or

      b. Reach a 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).

   ii. **Category 2** – Discharges of untreated or partially treated wastewater greater than or equal to 1,000 gallons resulting from an enrollee's sanitary sewer system failure or flow condition that does not reach a surface water, a drainage channel, or the MS4 unless the entire SSO volume discharged to the storm drain system is fully recovered and disposed of properly.

   iii. **Category 3** – All other discharges of untreated or partially treated wastewater resulting from an enrollee's sanitary sewer system failure or flow condition.

4. **Sanitary Sewer Overflow Reporting to CIWQS - Timeframes**

   i. **Category 1 and Category 2 SSOs** – All SSOs that meet the above criteria for Category 1 or Category 2 SSOs shall be reported to the CIWQS Online SSO Database:

      a. Draft reports for Category 1 and Category 2 SSOs shall be submitted to the CIWQS Online SSO Database within three (3) business days of the enrollee becoming aware of the SSO. Minimum information that shall be reported in a draft Category 1 SSO report shall include all information identified in section 8.i.a. below. Minimum information that shall be reported in a Category 2 SSO draft report shall include all information identified in section 8.i.c below.

      b. A final Category 1 or Category 2 SSO report shall be certified through the CIWQS Online SSO Database within 15 calendar days of the end date of the SSO. Minimum information that shall be certified in the final Category 1 SSO report shall include all information identified in section 8.i.b below. Minimum information that shall be certified in a final Category 2 SSO report shall include all information identified in section 8.i.d below.

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.

c. Final corrective action(s) completed and/or planned to be completed, including a schedule for actions not yet completed.

iii. **Water Quality Monitoring:**

a. Description of all water quality sampling activities conducted including analytical results and evaluation of the results.

b. Detailed location map illustrating all water quality sampling points.

6. **PLSDs**

Discharges of untreated or partially treated wastewater resulting from blockages or other problems within a privately owned sewer lateral connected to the enrollee's sanitary sewer system or from other private sanitary sewer system assets may be voluntarily reported to the CIWQS Online SSO Database.

i. The enrollee is also encouraged to provide notification to Cal OES per section B above when a PLSD greater than or equal to 1,000 gallons has or may result in a discharge to surface water. For any PLSD greater than or equal to 1,000 gallons regardless of the spill destination, the enrollee is also encouraged to file a spill report as required by Health and Safety Code section 5410 et. seq. and Water Code section 13271, or notify the responsible party that notification and reporting should be completed as specified above and required by State law.

ii. If a PLSD is recorded in the CIWQS Online SSO Database, the enrollee must identify the sewage discharge as occurring and caused by a private sanitary sewer system asset and should identify a responsible party (other than the enrollee), if known. Certification of PLSD reports by enrollees is not required.

7. **CIWQS Online SSO Database Unavailability**

In the event that the CIWQS Online SSO Database is not available, the enrollee must fax or e-mail all required information to the appropriate Regional Water Board office in accordance with the time schedules identified herein. In such event, the enrollee must also enter all required information into the CIWQS Online SSO Database when the database becomes available.

8. **Mandatory Information to be Included in CIWQS Online SSO Reporting**

All enrollees shall obtain a CIWQS Online SSO Database account and receive a "Username" and "Password" by registering through CIWQS which can be reached at CIWQS@waterboards.ca.gov or by calling (866) 792-4977, M-F, 8 A.M. to 5 P.M. These accounts will allow controlled and secure entry into the CIWQS Online SSO Database. Additionally, within thirty (30) days of initial enrollment and prior to recording SSOs into the CIWQS Online SSO Database, all enrollees must complete a Collection System Questionnaire (Questionnaire). The Questionnaire shall be updated at least once every 12 months.

i. **SSO Reports**

At a minimum, the following mandatory information shall be reported prior to finalizing and certifying an SSO report for each category of 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.

10. Whether or not a beach closure occurred or may have occurred as a result of the SSO.
11. Whether or not health warnings were posted as a result of the SSO.
12. Name of beach(es) closed and/or impacted. If no beach was impacted, NA shall be selected.
13. Name of surface water(s) impacted.
14. If water quality samples were collected, identify parameters the water quality samples were analyzed for. If no samples were taken, NA shall be selected.
15. If water quality samples were taken, identify which regulatory agencies received sample results (if applicable). If no samples were taken, NA shall be selected.
16. Description of methodology(ies) and type of data relied upon for estimations of the SSO volume discharged and recovered.
17. SSO Certification: Upon SSO Certification, the CIWQS Online SSO Database will issue a final SSO identification (ID) number.

c. **Draft Category 2 SSOs**: At a minimum, the following mandatory information shall be reported for a draft Category 2 SSO report:

1. Items 1-14 in section 8.i.a above for Draft Category 1 SSO.

d. **Certified Category 2 SSOs**: At a minimum, the following mandatory information shall be reported for a certified Category 2 SSO report:

1. Items 1-14 in section 8.i.a above for Draft Category 1 SSO and Items 1-9, and 17 in section 8.i.b above for Certified Category 1 SSO.

e. **Certified Category 3 SSOs**: At a minimum, the following mandatory information shall be reported for a certified Category 3 SSO report:

1. Items 1-14 in section 8.i.a above for Draft Category 1 SSO and Items 1-5, and 17 in section 8.i.b above for Certified Category 1 SSO.

ii. **Reporting SSOs to Other Regulatory Agencies**

These reporting requirements do not preclude an enrollee from reporting SSOs to other regulatory agencies pursuant to state law. In addition, these reporting requirements do not replace other Regional Water Board notification and reporting requirements for SSOs.

iii. **Collection System Questionnaire**

The required Questionnaire (see subsection G of the SSS WDRs) provides the Water Boards with site-specific information related to the enrollee's sanitary sewer system. The enrollee shall complete and certify the Questionnaire at least every 12 months to facilitate program implementation, compliance assessment, and enforcement response.

iv. **SSMP Availability**

The enrollee shall provide the publicly available internet web site address to the CIWQS Online SSO Database where a downloadable copy of the enrollee's approved SSMP, critical supporting documents referenced in the SSMP, and proof of local governing board approval of the SSMP is posted. If all of the SSMP documentation listed in this subsection is not publicly available on the Internet, the enrollee shall comply with the following procedure:

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

result in SSOs. Each complaint record shall, at a minimum, include the following information:

a. Date, time, and method of notification.

b. Date and time the complainant or informant first noticed the SSO.

c. Narrative description of the complaint, including any information the caller can provide regarding whether or not the complainant or informant reporting the potential SSO knows if the SSO has reached surface waters, drainage channels or storm drains.

d. Follow-up return contact information for complainant or informant for each complaint received, if not reported anonymously.

e. Final resolution of the complaint.

ii. Records documenting steps and/or remedial actions undertaken by enrollee, using all available information, to comply with section D.7 of the SSS WDRs.

iii. Records documenting how all estimate(s) of volume(s) discharged and, if applicable, volume(s) recovered were calculated.

3. Records documenting all changes made to the SSMP since its last certification indicating when a subsection(s) of the SSMP was changed and/or updated and who authorized the change or update. These records shall be attached to the SSMP.

4. Electronic monitoring records relied upon for documenting SSO events and/or estimating the SSO volume discharged, including, but not limited to records from:

i. Supervisory Control and Data Acquisition (SCADA) systems

ii. Alarm system(s)

iii. Flow monitoring device(s) or other instrument(s) used to estimate wastewater levels, flow rates and/or volumes.

F. CERTIFICATION

1. All information required to be reported into the CIWQS Online SSO Database shall be certified by a person designated as described in subsection J of the SSS WDRs. This designated person is also known as a Legally Responsible Official (LRO). An enrollee may have more than one LRO.

2. Any designated person (i.e. an LRO) shall be registered with the State Water Board to certify reports in accordance with the CIWQS protocols for reporting.

3. Data Submitter (DS): Any enrollee employee or contractor may enter draft data into the CIWQS Online SSO Database on behalf of the enrollee if authorized by the LRO and registered with the State Water Board. However, only LROs may certify reports in CIWQS.

4. The enrollee shall maintain continuous coverage by an LRO. Any change of a registered LRO or DS (e.g., retired staff), including deactivation or a change to the LRO's or DS's contact information, shall be submitted by the enrollee to the State Water Board within 30 days of the change by calling (866) 792-4977 or e-mailing help@ciwqs.waterboards.ca.gov.

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.

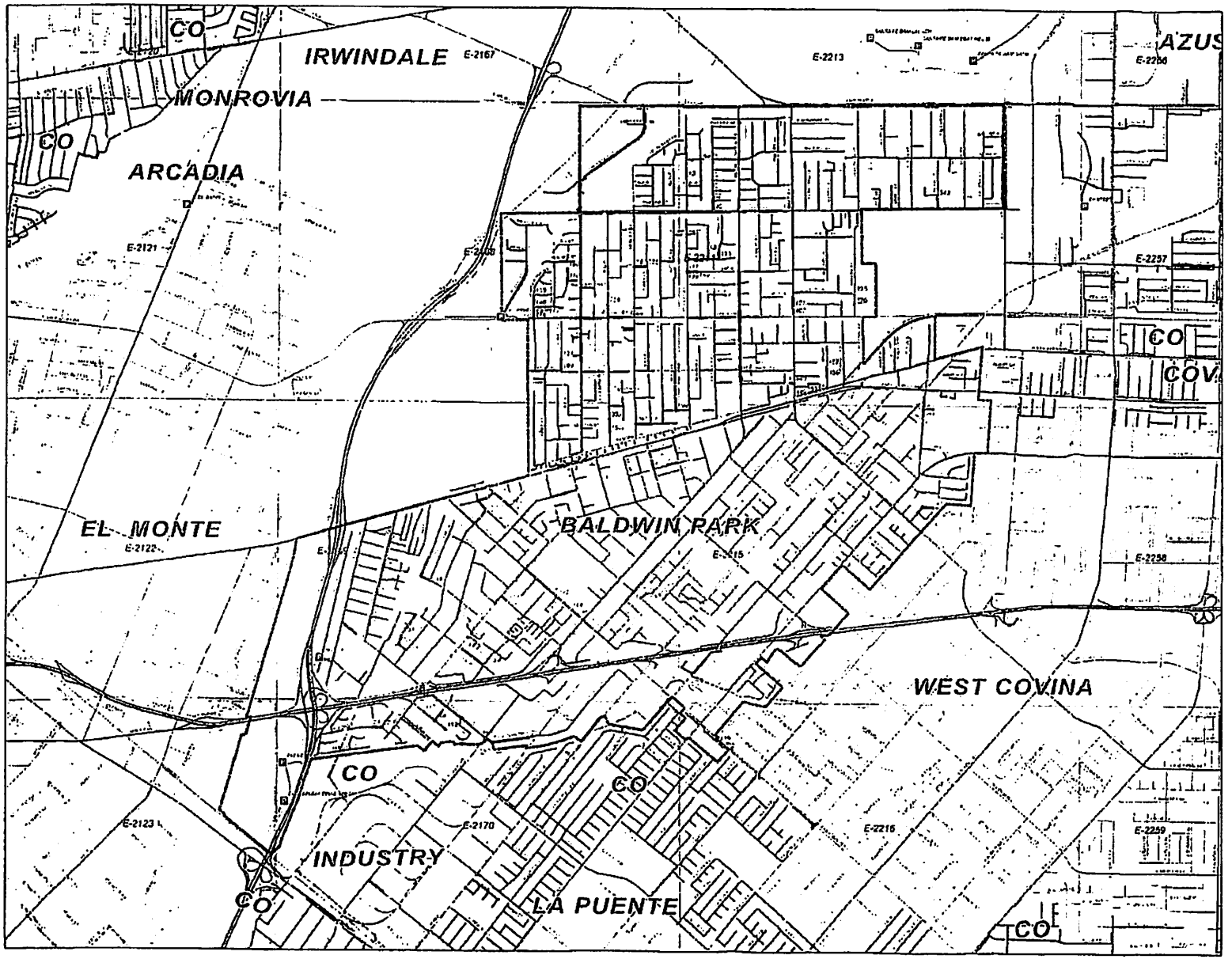
CERTIFICATION

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

APPENDIX B
Collection Facility Location Map/ Pump Station



MAINTENANCE MAP
PERIODICS

CITY OF BALDWIN PARK

SUPERVISORIAL DISTRICT 1

N

0 875 1,750 2,625 3,500
Feet

Legend

Periodics

- 30 DAYS
- 60 DAYS
- 90 DAYS
- 120 DAYS
- 150 DAYS
- 180 DAYS
- 12 MONTHS
- 15 MONTHS
- 18 MONTHS

SMD Manholes

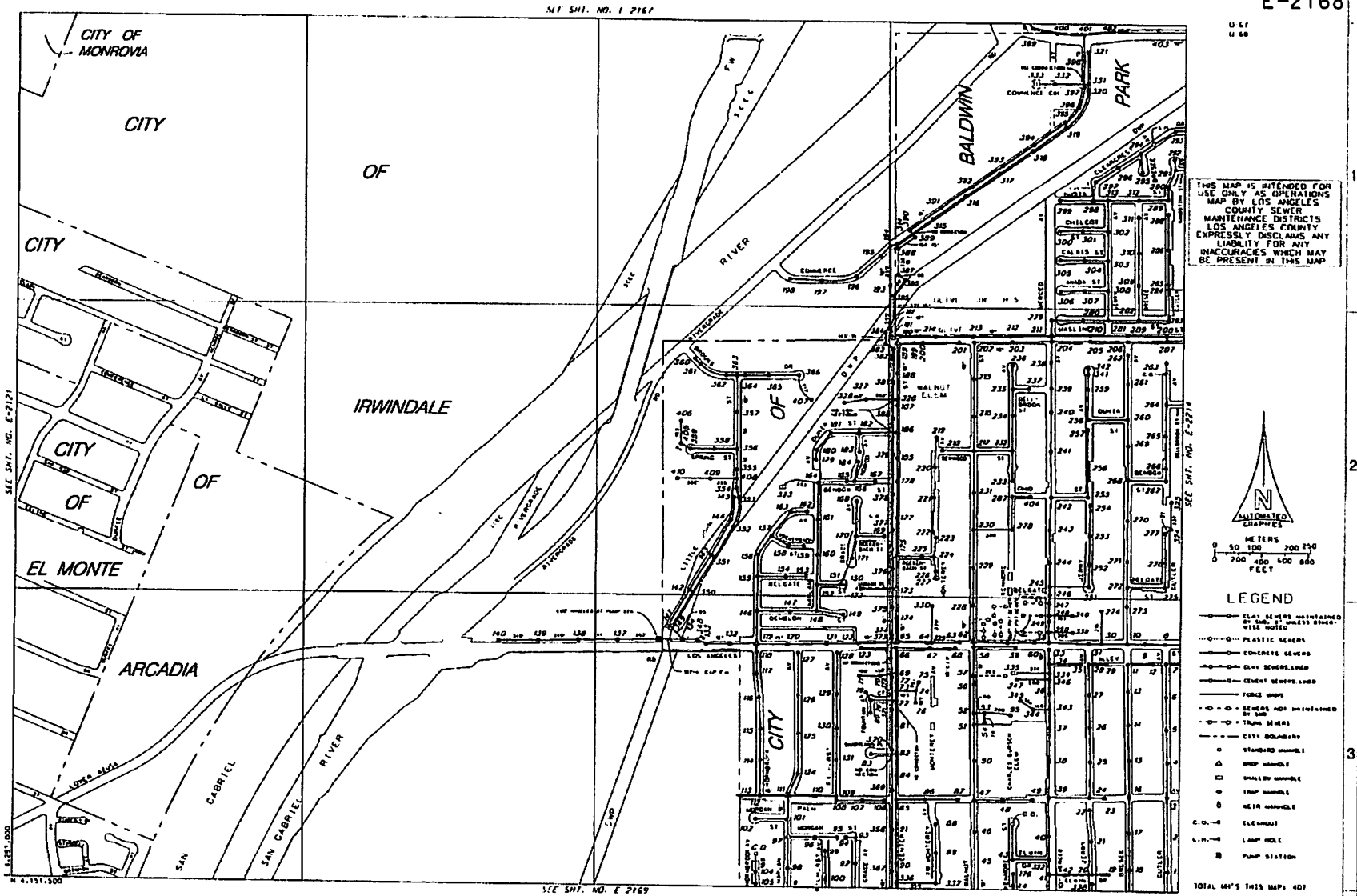
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations

SMD Sewers

- Gravity Sewers
- Force Mains
- Siphons
- SMD Trunk MH
- SMD Trunks
- SMD Operations Maps

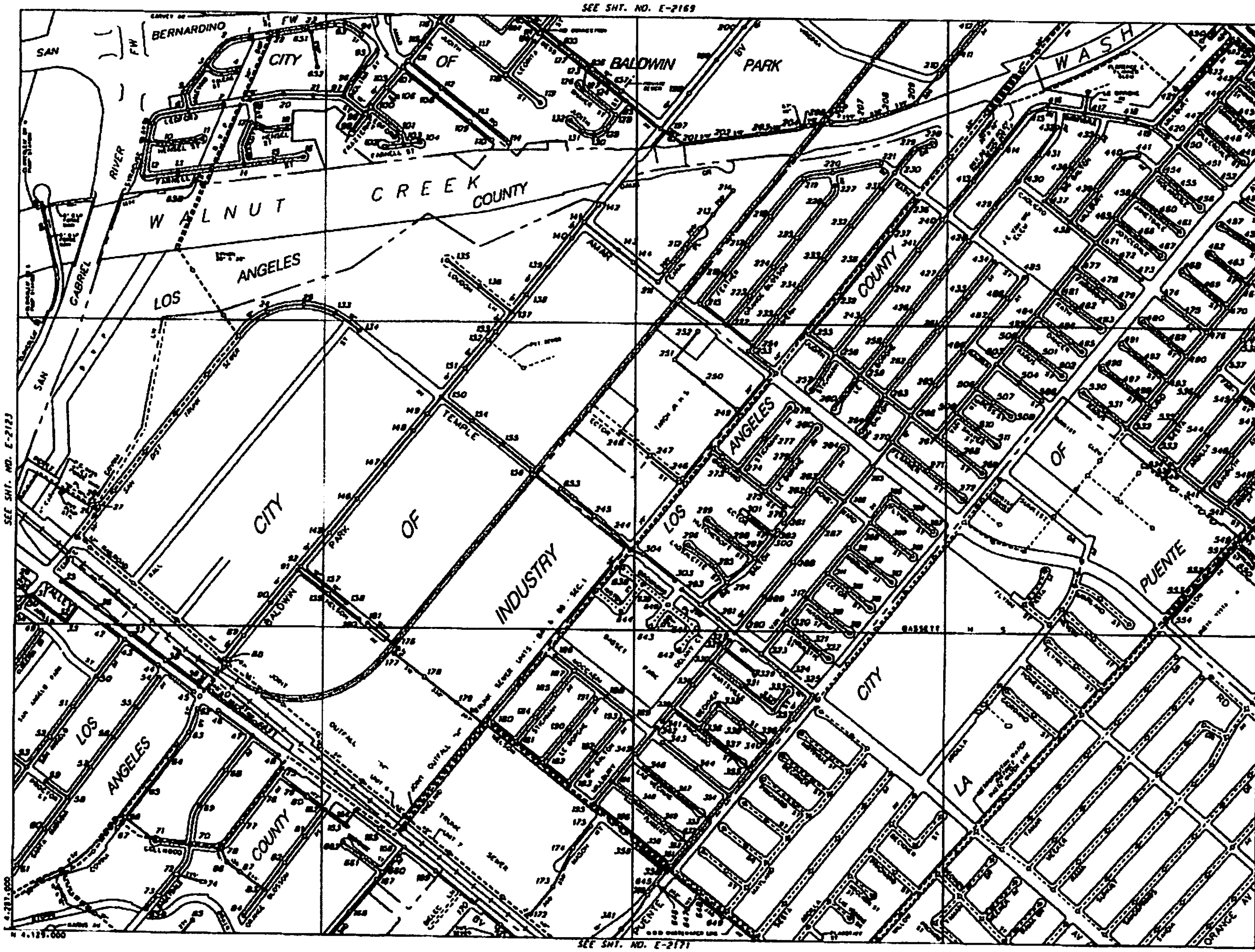
Cities

As of: 5/29/2013 v1


E-2168
SEE SHT. NO. E 2167
CITY OF MONROVIA
CITY OF IRWINDALE
CITY OF EL MONTE
CITY OF ARCADIA
BALDWIN PARK
CITY OF
SEE SHT. NO. E-2121
SEE SHT. NO. E-2214
SEE SHT. NO. E 2169
SAN GABRIEL RIVER
RIO HONDO
LOS ANGELES
THIS MAP IS INTENDED FOR USE ONLY AS OPERATIONS MAP BY LOS ANGELES COUNTY SEWER MAINTENANCE DISTRICTS LOS ANGELES COUNTY EXPRESSLY DISCLAIMS ANY LIABILITY FOR ANY INACCURACIES WHICH MAY BE PRESENT IN THIS MAP
AUTOMATED GRAPHICS
METERS
FEET
LEGEND
PLASTIC SEWERS
CONCRETE SEWERS
CITY BOUNDARY
STANDARD MANHOLE
DROP MANHOLE
SHALLOW MANHOLE
WEIR MANHOLE
CLEANOUT
PUMP STATION
MAP REV 06-23-10
DATA BASE REV 01-25-05
CONSOLIDATED S.M.D.
E-2168


E-2169
SEE SHT. NO. E-2169
SEE SHT. NO. E-2122
SEE SHT. NO. E-2215
SEE SHT. NO. E-2170
MONTE
EL
RIVER
FW
IRWINDALE
CITY OF
CITY
OF
RAMONA
GABRIEL
SAN GABRIEL RIVER
BALDWIN
PARK
BAKER
FRASER
SAN BERNARDINO
BLVD
THIS MAP IS INTENDED FOR USE ONLY AS OPERATIONS MAP BY LOS ANGELES COUNTY SEWER MAINTENANCE DISTRICTS. LOS ANGELES COUNTY EXPRESSLY DISCLAIMS ANY LIABILITY FOR ANY INACCURACIES WHICH MAY BE PRESENT IN THIS MAP
AUTOMATED GRAPHICS
METERS
FEET
LEGEND
TOTAL MH'S THIS MAP: 718
L.A. COUNTY
MAP REV 09-26-90
DATA BASE REV 02-21-89
CONSOLIDATED S.M.D.
E-2169

E-2170



THIS MAP IS INTENDED FOR USE ONLY AS OPERATIONS MAP BY LOS ANGELES COUNTY SEWER MAINTENANCE DISTRICTS. LOS ANGELES COUNTY EXPRESSLY DISCLAIMS ANY LIABILITY FOR ANY INACCURACIES WHICH MAY BE PRESENT IN THIS MAP.

U-45
U-46
U-47
U-48
U-77
U-78

AUTOMATED GRAPHICS

METERS 0 50 100 200 250
FEET 0 200 400 600 800

LEGEND

- CLAY SEWERS MAINTAINED BY SMD, 8" UNLESS OTHERWISE NOTED
- PLASTIC SEWERS
- CONCRETE SEWERS
- CLAY SEWERS, LINED
- CEMENT SEWERS, LINED
- FORCE MAIN
- SEWERS NOT MAINTAINED BY SMD
- TRUNK SEWERS
- CITY BOUNDARY
- STANDARD MANHOLE
- DROP MANHOLE
- SHALLOW MANHOLE
- TRAP MANHOLE
- WEIR MANHOLE
- C.O. CLEANOUT
- L.H. LAMP HOLE
- PUMP STATION

TOTAL MH'S THIS MAP: 513

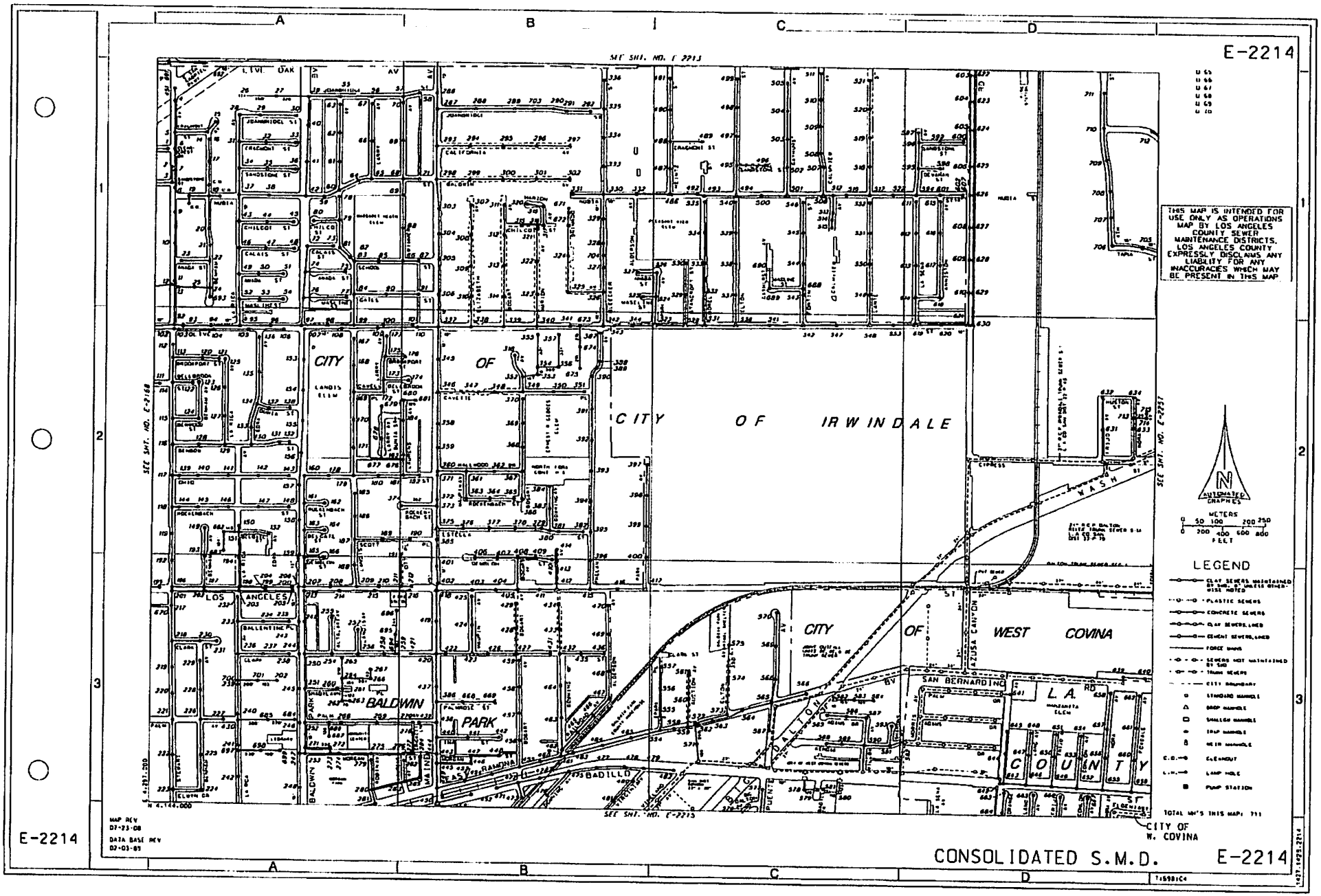
MAP REV 11-30-10
DATA BASE REV 03-14-89

CONSOLIDATED S.M.D.

E-2170

E-2170

T1637/J3


E-2214
SEE SHT. NO. E-2213
SEE SHT. NO. E-2168
SEE SHT. NO. E-2257
SEE SHT. NO. E-2215
CITY OF IRWINDALE
CITY OF WEST COVINA
LOS ANGELES
BALDWIN PARK
SAN BERNARDINO
L.A. COUNTY
THIS MAP IS INTENDED FOR USE ONLY AS OPERATIONS MAP BY LOS ANGELES COUNTY SEWER MAINTENANCE DISTRICTS. LOS ANGELES COUNTY EXPRESSLY DISCLAIMS ANY LIABILITY FOR ANY INACCURACIES WHICH MAY BE PRESENT IN THIS MAP
AUTOMATED GRAPHICS
METERS
FEET
LEGEND
CITY BOUNDARY
STANDARD MANHOLE
DROP MANHOLE
SHALLOW MANHOLE
TRAP MANHOLE
WEIR MANHOLE
CLEANOUT
LAMP HOLE
PUMP STATION
TOTAL MH'S THIS MAP: 111
CITY OF W. COVINA
MAP REV 07-23-08
DATA BASE REV 02-03-09
CONSOLIDATED S.M.D.
E-2214

E-2215

U-68
U-69
U-70
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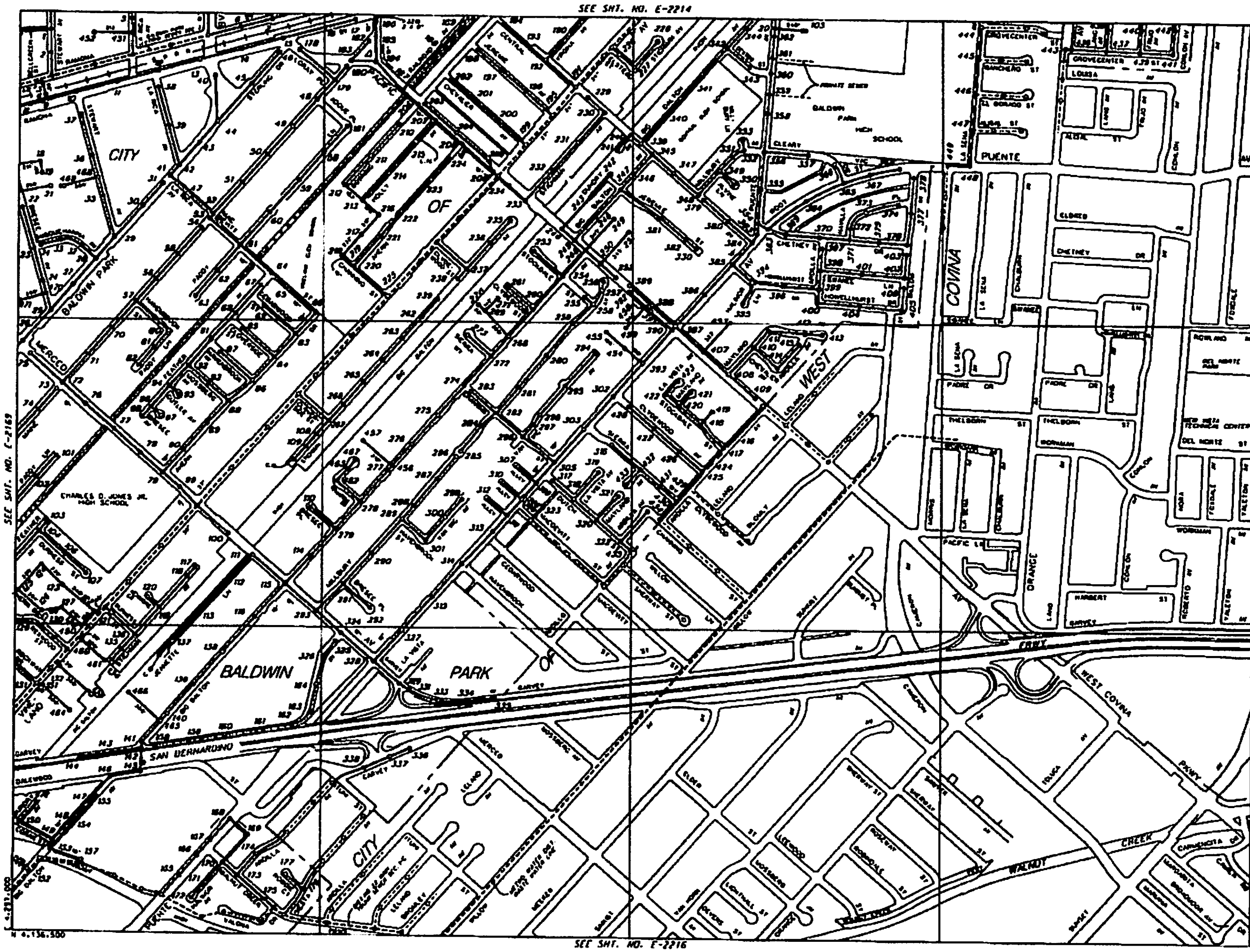

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N
AUTOMATED GRAPHICS

METERS 0 50 100 200 250
0 200 400 600 800 FEET

LEGEND

- CLAY SEWERS MAINTAINED BY SMD, IF UNLESS OTHERWISE NOTED
- PLASTIC SEWERS
- CONCRETE SEWERS
- CLAY SEWERS, LINED
- CEMENT SEWERS, LINED
- FORCE MAINS
- SEWERS NOT MAINTAINED BY SMD
- TRUNK SEWERS
- CITY BOUNDARY
- STANDARD MANHOLE
- DROP MANHOLE
- SHALLOW MANHOLE
- TRAP MANHOLE
- WEIR MANHOLE
- C.O. CLEANOUT
- L.H. LAMP HOLE
- PUMP STATION

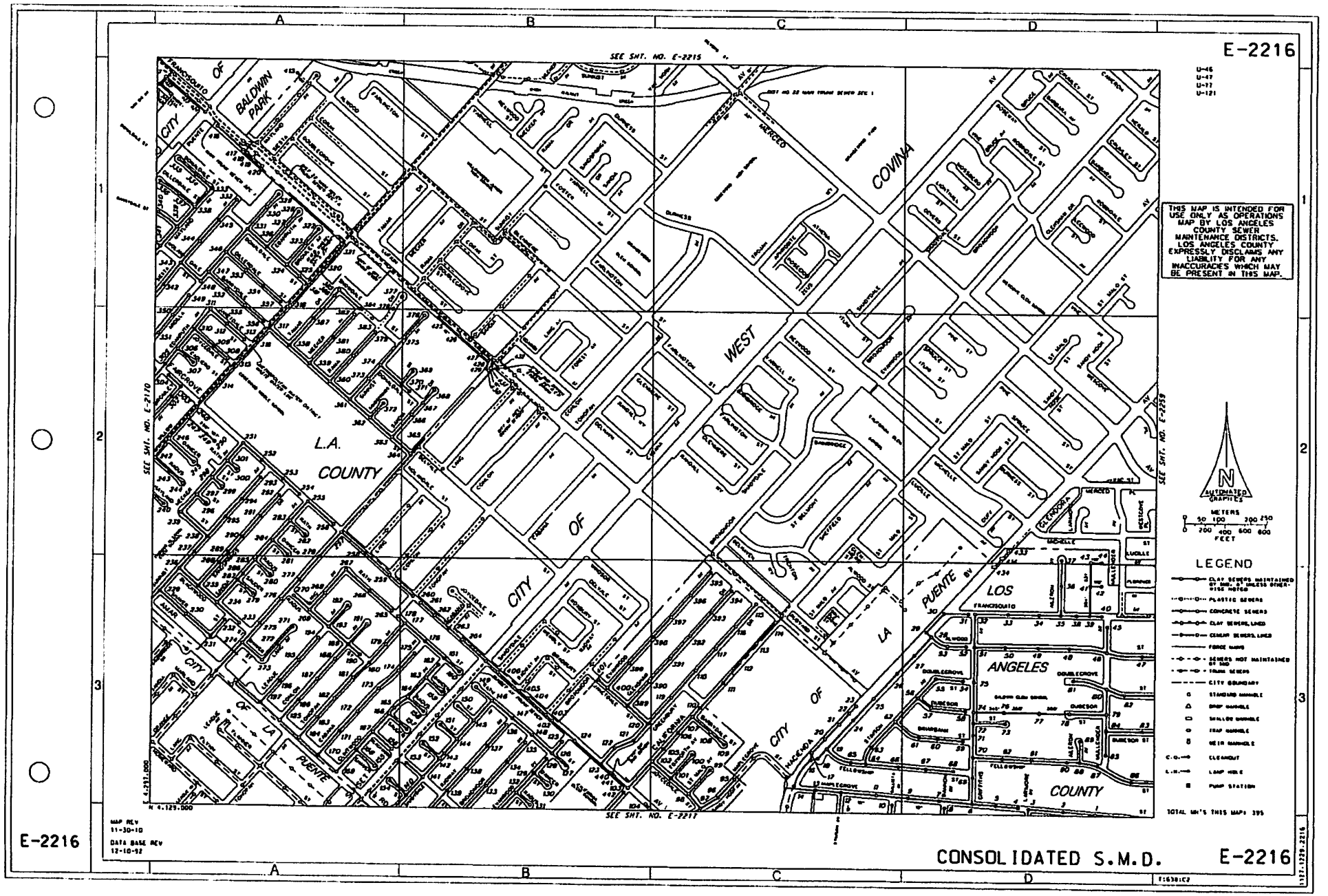
TOTAL MH'S THIS MAP: 410

MAP REV
05-22-13
DATA BASE REV
11-16-92

E-2215

CONSOLIDATED S.M.D. E-2215

E-2215


E-2216
SEE SHT. NO. E-2215
SEE SHT. NO. E-2110
SEE SHT. NO. E-2259
SEE SHT. NO. E-2211
U-46
U-47
U-77
U-121
THIS MAP IS INTENDED FOR USE ONLY AS OPERATIONS MAP BY LOS ANGELES COUNTY SEWER MAINTENANCE DISTRICTS. LOS ANGELES COUNTY EXPRESSLY DISCLAIMS ANY LIABILITY FOR ANY INACCURACIES WHICH MAY BE PRESENT IN THIS MAP.
BALDWIN PARK
CITY OF
L.A. COUNTY
WEST COVINA
CITY OF LA PUENTE
CITY OF LA HACIENDA
LOS ANGELES COUNTY
AUTOMATED GRAPHICS
METERS
FEET
LEGEND
MAP REV 11-30-10
DATA BASE REV 12-10-92
CONSOLIDATED S.M.D.
E-2216

APPENDIX C
Audit Report

Enclosure A-Yearly SSO
Enclosure B-Performance Measure Worksheet
Enclosure C-Maintenance Management System Rpt Summary
Enclosure E-Pump Station Condition Assessment
Enclosure F-TV Inspection Report
Enclosure G-Productivity Report
Enclosure H-SSO Report
Enclosure I-Facility Maintenance by CSMD
Enclosure J-CIWQS Overflow Report

SEWER SYSTEM MANAGEMENT PLAN AUDIT
FOR
THE CITY OF BALDWIN PARK

April 14, 2014

SEWER SYSTEM MANAGEMENT PLAN AUDIT FOR
THE CITY OF BALDWIN PARK
2011 AND 2012

- May 2, 2006 – State Water Resources Control Board adopted Statewide General Waste Discharge Requirements (WDRs).
- January 1, 2007 – Electronic reporting of Sanitary Sewer Overflows (SSO).
- July 28, 2009 – Sewer System Management Plan (SSMP) adopted by the City Council.
- September 2011 – First SSMP audit due and every two years thereafter per subsection D.13.x of the WDRs and Section 10.1 of the City's SSMP.
- July 28, 2014 – Due date for the recertification of the SSMP

Elements of the SSMP

1. **Goals** – description of the City's SSMP goals.

2. **Organization** – description of the City's organizational structure.

3. **Legal Authority** – description of the City's legal rights, including codes and ordinances, to enforce the requirements of the WDRs.

4. **Operation and Maintenance Program** – outlines the City's maintenance schedule and methodology to ensure proper management and maintenance of sewer facilities.

5. **Design and Performance Provisions** – description of methods by which the City ensures that new and rehabilitated sewer facilities are properly designed and installed.

6. **Overflow Emergency Response Plan** – describes how the City responds to, reports, and documents SSO events within the Consolidated Sewer Maintenance District.

7. **Fat, Oil, and Grease (FOG) Control Program** – describes how the City prevents or minimizes the discharge of fats, oils, and grease into the sewer lines, which is known to contribute to SSOs.

8. **System Evaluation and Capacity Assurance** – how the City ensures adequate capacity is available for new and existing developments.

9. **Monitoring, Measurement, and Program Modifications** – details the City's plan to continually monitor and assess the performance of each element of the SSMP in achieving the goals and objectives of the SSMP and updating them as necessary.

10. **SSMP Program Audit and Certification** – describes the City's plan to periodically assess the effectiveness of the SSMP in reducing SSOs.

11. **Communication Program** – summarizes the City's plan to ensure that stakeholders are aware of the City's SSMP.

PERFORMANCE MEASURES

Overflow Prevention/Collection System Maintenance

Performance Indicator		2011	2012
Input			
1	Total number of pump stations condition assessment scheduled	3	3
2	Total miles of scheduled CCTV	0.00	0.00
3	Total miles of scheduled periodic cleaning	18.62	19.13
4	Total miles of scheduled cleaning (period & contract CCTV)	18.62	19.13
5	Total number of pump stations scheduled inspection	312	312
6	Total number of scheduled manhole inspection	4,586	4,582
Workload/Output			
7	Total number of SSO responded to in 12-month period *	2	3
8	Total volume of SSO	15 gal	180 gal
9	Total SSO response time	0.65 hr	1.74 hr
10	Total miles of sewer line maintained	104.29	104.23
11	Total miles of scheduled periodic completed	18.61	12.67
12	Total number of pump stations maintained	3	3
13	Total number of pump stations inspection completed	3	3
14	Total number of manhole inspections completed	4,586	4,582
15	Total SSO> 1,000 gallons responded to	0	0
16	Total FOG related SSOs responded to	1	2
17	Total root related SSOs responded to	0	0
18	Total SSOs due to other causes (debris, vandalism, etc)	1	1
19	Total number of capacity related SSOs	0	0
20	Total number of SSOs due to pump station malfunction	0	0
21	Number of SSOs responded to within 2-hours or less	1	3
22	Total miles of scheduled CCTV completed	0.00	0.00
23	Total miles of scheduled cleaning completed	18.61	12.67
24	Total miles of CCTV completed (including contract CCTV)	0.12	0.24
25	Number of pump stations condition assessment completed	0	0
26	Total miles of sewer lines cleaned (all including contract CCTV)	18.73	12.91
27	Total numbers of service request responded to	5	7
Efficiency			
28	Number of SSOs per 100 miles of sewer lines	1.92	2.88
29	Volume of SSO captured	15 gal	20 gal
30	Number of SSOs that reached waters of the United States	0	2
31	Average response time per SSO	0.65 hr	0.58 hr
32	Average number of SSOs per pump station	0	0
Effectiveness/Outcome			
33	Percentage of SSOs> 1,000 gallons	0.00%	0.00%
34	Percentage of SSO captured	100.00%	11.11%
35	Percentage of SSOs due to FOG	50.00%	66.67%
36	Percentage of SSOs due to roots	0.00%	0.00%
37	Percentage of SSOs due to other causes	50.00%	33.33%
38	Percentage of SSOs that reached waters of the United States	0.00%	66.67%
39	Percentage of SSOs with response time 2-hours or less	50.00%	100.00%
40	Percentage of manhole inspection completed	100.00%	100.00%
41	Percentage of scheduled CCTV completed	N/A	N/A
42	Percentage of pump stations condition assessment completed	0.00%	0.00%
43	Percentage of pump stations inspection completed	0.96%	0.96%
44	Percentage of schedule cleaning completed **	99.95%	66.23%
45	SSOs from house laterals not related to mainline sewer problems	0	0

* Not including SSOs from house laterals **All scheduled periodic were completed. The higher than 100 percent completion rate recorded could be attributed to the different sewer segment length determination methods used by field staff and the office Engineers (GIS).

SEWER SYSTEM MANAGEMENT PLAN AUDIT

A. Goals and Objectives

To what extent, on a scale of 1 to 5, has the SSMP been effective in reducing SSOs in the City?

1	2	3	4	5

Not effective — Exceptionally effective

B. Organization

How would you describe the changes in the City's organizational structure on a scale from 1 to 5? Please specify.

1	2	3	4	5

No change — Very major change

C. Legal Authority

Give the year of adoption of the latest version of the following County Codes/Ordinances.

1) County Industrial Waste Ordinance
   Date 2002

2) City Municipal Code/County Plumbing Code
   Date 2002

3) City Municipal Code/County Building Code
   Date 2010

D. Operation and Maintenance Program

1) What was the actual expenditure on each of these elements of the City's (Districts) O&M programs for the last four fiscal years?
   (i) New Equipment Purchase
   (ii) Capital Improvement – (ACO)
   (iii) Travel and Training

	*2010-11	*2011-12	*2012-13
(i)	$2,204,329	$1,017,529	$1,149,495
(ii)	$1,930,968	$3,161,726	$2,334,444
(iii)	$21,521.09	$34,458	$35,422

2) Expenditures/Revenues Data
   (i) Total Budget Amount
   (ii) Actual Expenditures on Closed-Circuit Television (CCTV)
   (iii) Total O&M Expenditure
   (iv) Sewer Service Charge Rates – Consolidated

(i)	$52,085,000	$48,820,000	$40,961,000
(ii)	$4,372,768	$4,515,928	$1,177,182
(iii)	$29,476,378	$28,378,489	$26,828,128
(iv)	$40.50	$40.50	$44.50

*Consolidated Sewer Maintenance Districts' wide data (Districts)

E. Design and Performance Provision

1) What dollar amount of the City's (Districts) expenditure went into:
   (i) Sewer Plan Check
   (ii) Construction Management and Inspection
   (iii) Project Design
   *Consolidated Sewer Maintenance Districts' wide data

	*2010-11	*2011-12	*2012-13
(i)	$157,844	$182,388	$226,864
(ii)	$632,672	$559,360	$426,720
(iii)	$486,729	$268,179	$156,757

2) Has there been any major change in the City's design standard? If so, specify and indicate fiscal year in which it occurred?

Yes		No	✓

F. Overflow Emergency Response Plan

(i) Total number of SSOs (private lateral SSOs not included).
(ii) Percentage responded to within 2 hours.

2011	2012
1	3
50%	100%

G. Fat, Oils, and Grease (FOG) Control Program

1) Was an annual report with information on FOG published and/or mailed out to the City's property owners?

Yes	✓	No	

2) What was the percentage of SSOs due to:
   (i) FOG
   (ii) Roots
   (iii) Other Causes

2011	2012
50%	67%
0%	0%
50%	33%

3) What was the total volume (gal) of SSOs that reached waters of the United States?

0	140

H. System Evaluation and Capacity Assurance

1) What is the total length (ft) of sewer lines rehabilitated by lining or reconstructed?

2011	2012
0	0

2) What percentage of sewer lines televised was rated as being in severely deteriorated structural condition?

0	0

3) What percentage of SSOs was due to a sewer capacity issue?

0	0

I. Monitoring, Measurement, and Program Modifications

1) When was the last audit conducted certified?

2011

2) Were any deficiencies identified?

Yes		No	✓

3) If answer to 2 is yes, were all the deficiencies corrected?

Yes		*No	

*If no, please elaborate in Section L

J. SSMP Program Audit and Certification

1) What was the overall effectiveness rating of the last audit?

1	2	3	4	5
poor	fair	good	very good	excellent

2) What is the overall effectiveness rating of this audit?

1	2	3	4	5
poor	fair	good	very good	excellent

K. Communication Program

1) List all communication methods utilized in disseminating information on FOG to stakeholders with implementation dates. (Done by the County)

✓	Method	Date Last Implemented
✓	Annual Report	2013
✓	Door Hangers	on going
✓	Internet	2013
✓	EPD/CSD Posters	on going

2) To what extent is the County's emergency phone number readily available to the City and the City's residents on a scale of 1 to 5?

1	2	3	4	5

Not easily available — Readily available

3) How responsive is the County (local sewer service provider) in responding to the City's and/or residents' sewer issues on a scale of 1 to 5?

1	2	3	4	5

Extremely slow response — Excellent response time

L. List of identified deficiencies and planned corrective actions, if any.

There were no sewer capacity issues and no major structural or maintenance deficiencies detected during this audit period.

M. COMMENTS

The City/SMD SSMP has been very effective in keeping the number and total volume of SSOs in the City consistently low during the last two years.

There were also very few citizen complaints during the same period.

SSMP with associated programs, based on all categories of performance indicators shown on page 2, seem to have significantly enhanced the City's sewer collection system management and operations.

N. CERTIFICATION

We, the undersigned, do hereby certify that information contained in this audit report is to the best of our knowledge true.

Name (s)	Position	Signature	Date

ENCLOSURE A
Yearly Sanitary Sewer Overflow

YEARLY SSO WORKSHEET

2011		#2 (a+c+e+g)	#2 (b+d+f+h)	#2 (a+b+c+e)	#19- #18	#21
SSO #		Spill Volume	Spill Recovered	Spill to Reach Surface Water	Response Time (hours)	Cause of SSO
	1	15	15	0	0.65	FOG
TOTAL	1	15	15	0	0.65	

2012		#2 (a+c+e+g)	#2 (b+d+f+h)	#2 (a+b+c+e)	#19- #18	#21
SSO #		Spill Volume	Spill Recovered	Spill to Reach Surface Water	Response Time (hours)	Cause of SSO
	1	50	10	40	0.27	FOG
	1	20	0	0	0.25	Rocks, debris & grease
	1	110	10	100	1.22	FOG
TOTAL	3	180	20	140	1.74	

ENCLOSURE B

Performance Measures Worksheet

PERFORMANCE MEASURES INSTRUCTIONS
FOR SSMP AUDIT

	Workload/Performance Indicator	Data Source/ Calculation
	Input	
1	Total number of pump station condition assessments scheduled	Pump Station Condition Assessment scheduled (Enclosure E)
2	Total miles of scheduled CCTV	Condition Assessment Unit Report (CAU) (Enclosures E and F)
3	Total miles of scheduled periodic cleaning	MMS report (Enclosure C)
4	Total miles of scheduled cleaning (period and contract CCTV)	Row 2 + Row 3
5	Total number of pump station inspections scheduled	# of Pump Station x 104 (cities sewer facilities summary sheet) (Enclosure I)
6	Total number of manhole inspections scheduled	# of Manholes x 2 (cities sewer facilities summary sheet) (Enclosure I)
	Workload/Output	
7	Total number of SSOs responded to in 12-month period *	Enclosure A and H
8	Total volume of SSOs	Enclosure A
9	Total SSO response time (in hours)	Enclosure A
10	Total miles of sewer lines maintained	Cities sewer facilities summary sheet (Enclosure I)
11	Total miles of scheduled periodic cleaning completed	SMD Productivity Report (Enclosure G)
12	Total number of pump stations maintained	Sewer facilities summary sheet (Enclosure I)
13	Total number of pump station inspections completed	SMD Productivity Report (Enclosure G)
14	Total number of manhole inspections completed	SMD Productivity Report (Enclosure G)
15	Total SSOs >1,000 gallons responded to	Enclosure A
16	Total FOG-related SSOs responded to	Enclosure A
17	Total root-related SSOs responded to	Enclosure A
18	Total SSOs due to other causes (debris, vandalism, etc.)	Enclosure A
19	Total number of capacity-related SSOs	Enclosure A
20	Total number of SSOs due to pump station malfunction	Enclosure A
21	Number of SSOs responded to within 2 hours or less	Enclosure A
22	Total miles of scheduled CCTV completed	CAU (Enclosures F)
23	Total miles of scheduled cleaning completed	Row 11 + Row 22
24	Total miles of CCTV completed (including contract CCTV)	SMD Productivity Report
25	Number of pump station condition assessments completed	To be provided by CSMD
26	Total miles of sewer lines cleaned (all including contract CCTV)	SMD Productivity Report (Hydro + Mechanical+Televising)(Enclosure G)
27	Total number of service requests responded to	SMD Productivity Report (excluding false alarms) (Enclosure G)
	Efficiency	
28	Number of SSOs per 100 miles of sewer lines	Column 17 of annual SSO Breakdown by Cities (Enclosure H)
29	Volume of SSOs captured	Enclosure A
30	Number of SSOs that reached waters of the United States	Enclosure A
31	Average response time per SSO	Row 9 /Row 7
32	Average number of SSOs per pump station	Row20/Row 12
	Effectiveness/Outcome	
33	Percentage of SSOs> 1,000 gallons	Row 15/Row 7 x 100
34	Percentage of SSOs captured	Row 29/ Row 8 x100
35	Percentage of SSOs due to FOG	Row 16/Row 7 x 100
36	Percentage of SSOs due to roots	Row 17/Row 7 x 100
37	Percentage of SSOs due to other causes	100% - (Row 35 + Row 36)
38	Percentage of SSOs that reached waters of the United States	Row 30/Row 7 x 100
39	Percentage of SSOs with response time 2 hours or less	Row 21/Row 7 x 100
40	Percentage of manhole inspections completed	Row 14 / Row 6 x 100
41	Percentage of scheduled CCTV completed	Row 22/ Row 2 x 100
42	Percentage of pump station condition assessments completed	Row 25/ Row 1 x 100
43	Percentage of pump station inspections completed	Row 13/Row5 x 100
44	Percentage of scheduled cleaning completed	Row 23/Row 4 x 100
45	SSOs from house laterals not related to mainline sewer problems	Column 15 minus Column 16 of Annual SSO breakdown (Enclosure H)

*Not including SSOs from house laterals

**All scheduled periodics were completed. The higher than 100 percent completion rate recorded could be attributed to the different sewer segment determination methods used by field staff and Office Engineers (GIS).

PERFORMANCE MEASURES
Overflow Prevention/Collection System Maintenance

	Performance Indicator	2011	2012
	Input		
1	Total number of pump station condition assessments scheduled	3	3
2	Total miles of scheduled CCTV	0	0
3	Total miles of scheduled periodic cleaning	18.62	19.13
4	Total miles of scheduled cleaning (periodic and contract CCTV)	18.62	19.13
5	Total number of pump station inspections scheduled	312	312
6	Total number of manhole inspections scheduled	4,586	4,582
	Workload/Output		
7	Total number of SSOs responded to in a 12-month period *	2	3
8	Total volume of SSOs	15	180
9	Total SSO response time	0.65	1.74
10	Total miles of sewer lines maintained	104.29	104.23
11	Total miles of scheduled periodic cleaning completed	18.61	12.67
12	Total number of pump stations maintained	3	3
13	Total number of pump station inspections completed	3	3
14	Total number of manhole inspections completed	4,586	4,582
15	Total SSOs> 1,000 gallons responded to	0	0
16	Total FOG-related SSOs responded to	1	2
17	Total root-related SSOs responded to	0	0
18	Total SSOs due to other causes (debris, vandalism, etc.)	1	1
19	Total number of capacity-related SSOs	0	0
20	Total number of SSOs due to pump station malfunction	0	0
21	Number of SSOs responded to within 2 hours or less	1	3
22	Total miles of scheduled CCTV completed	0	0
23	Total miles of scheduled cleaning completed	18.61	12.67
24	Total miles of CCTV completed (including contract CCTV)	0.12	0.24
25	Number of pump station condition assessments completed		
26	Total miles of sewer lines cleaned (all including contract CCTV)	18.73	12.91
27	Total number of service requests responded to	5	7
	Efficiency		
28	Number of SSOs per 100 miles of sewer lines	1.92	2.88
29	Volume of SSOs captured	15	20
30	Number of SSOs that reached waters of the United States	0	2
31	Average response time per SSO	0.33	0.58
32	Average number of SSOs per pump station	0.00	0.00
	Effectiveness/Outcome		
33	Percentage of SSOs> 1,000 gallons	0.00%	0.00%
34	Percentage of SSOs captured	100.00%	11.11%
35	Percentage of SSOs due to FOG	50.00%	66.67%
36	Percentage of SSOs due to roots	0.00%	0.00%
37	Percentage of SSOs due to other causes	50.00%	33.33%
38	Percentage of SSOs that reached waters of the United States	0.00%	66.67%
39	Percentage of SSOs with response time 2 hours or less	50.00%	100.00%
40	Percentage of manhole inspections completed	100.00%	100.00%
41	Percentage of scheduled CCTV completed	N/A	N/A
42	Percentage of pump station condition assessments completed	0.00%	0.00%
43	Percentage of pump station inspections completed	0.96%	0.96%
44	Percentage of scheduled cleaning completed **	99.95%	56.23%
45	SSOs from house laterals not related to mainline sewer problems	0	0

* Not including SSOs from house laterals **All scheduled periodics were completed. The higher than 100 percent

ENCLOSURE C

Maintenance Management System
Periodic Report Summary

Periodics Report for City of Baldwin Park

Year 2011 - Year 2012

DESCRIPTION	PIPE_LOCN	DAYS MONTHS	START YEAR	PIPE LENGTH	Y2011	Y2012
PM S08E00037						
SPH: Sewer Siphon No. 1 on Mapsheet No. C-2215 : MH #186 to #2214:4	0186/2215-0450/2214	60 DAYS	3/1/2001	55	330	330
	Summary for 'PM' = S08E00037			55	330	330
PM S08E00039						
SPH: Sewer Siphon No. 1 on Mapsheet No. 2168: MH #118 to #119.	0118/2168-0119/2168	60 DAYS	1/23/2002	68	408	408
	Summary for 'PM' = S08E00039			68	408	408
PM S09E00023						
H: Mapsheet No. 2215 - Pacific Av.: T/L to Mh #233	0234/2215-TRNK/2215	90 DAYS	1/1/1998	107	428	428
H: Mapsheet No. 2215 - Pacific Av.: T/L to Mh #233	0233/2215-0234/2215	90 DAYS	1/1/1998	194	776	776
	Summary for 'PM' = S09E00023			301	1,204	1,204
PM S09E00024						
H: Mapsheet No. 2216 - Francisquito Av. : T/L to #420	0419/2216-0420/2216	60 DAYS	2/1/1998	128	768	768
H: Mapsheet No. 2216 - Francisquito Av. : T/L to #420	0419/2216-TRNK/2216	60 DAYS	2/1/1998	29	174	174
	Summary for 'PM' = S09E00024			157	942	942
PM S09E00078						
H: Mapsheet No. 2168 - Hornbrook St. : Mh #119 to #155	0146/2168-0155/2168	150 DAYS	2/1/1998	298	596	894
H: Mapsheet No. 2168 - Hornbrook St. : Mh #119 to #155	0119/2168-0146/2168	150 DAYS	2/1/1998	283	566	849
	Summary for 'PM' = S09E00078			581	1,162	1,743
PM S09E00079						
H: Mapsheet No. 2169 - Earl St. : Mh #159 to #174	0158/2169-0175/2169	120 DAYS	2/1/1998	300	900	900
H: Mapsheet No. 2169 - Earl St. : Mh #159 to #174	0158/2169-0159/2169	120 DAYS	2/1/1998	143	429	429
H: Mapsheet No. 2169 - Earl St. : Mh #159 to #174	0174/2169-0175/2169	120 DAYS	2/1/1998	240	720	720
	Summary for 'PM' = S09E00079			683	2,049	2,049
PM S09E00080						
H: Mapsheet No. 2169 - Alley S/O Ramona Blvd. : Mh #156 to #158	0157/2169-0158/2169	120 DAYS	2/1/1998	207	621	621
H: Mapsheet No. 2169 - Alley S/O Ramona Blvd. : Mh #156 to #158	0156/2169-0157/2169	120 DAYS	2/1/1998	248	744	744
	Summary for 'PM' = S09E00080			455	1,365	1,365

Periodics Report for City of Baldwin Park

Year 2011 - Year 2012

DESCRIPTION	PIPE_LOCN	DAYS MONTHS	START YEAR	PIPE LENGTH	Y2011	Y2012
PM S09E00081						
H: Mapsheet No. 2169 - Corak St. : Mh #184 to #156	0156/2169-0184/2169	120 DAYS	2/1/1998	302	906	906
	Summary for 'PM' = S09E00081			302	906	906
PM S09E00082						
H: Mapsheet No. 2169 - R/W N/O Athol St. : Mh #149 to #184	0149/2169-0183/2169	120 DAYS	3/1/1998	211	633	633
H: Mapsheet No. 2169 - R/W N/O Athol St. : Mh #149 to #184	0183/2169-0184/2169	120 DAYS	3/1/1998	235	705	705
	Summary for 'PM' = S09E00082			446	1,338	1,338
PM S09E00083						
H: Mapsheet No. 2170 - R/W N/O Walnut Creek : Mh #197 to #204	0197/2170-0201/2170	120 DAYS	3/1/1998	206	618	618
H: Mapsheet No. 2170 - R/W N/O Walnut Creek : Mh #197 to #204	0202/2170-0203/2170	120 DAYS	3/1/1998	310	930	930
H: Mapsheet No. 2170 - R/W N/O Walnut Creek : Mh #197 to #204	0203/2170-0204/2170	120 DAYS	3/1/1998	320	960	960
H: Mapsheet No. 2170 - R/W N/O Walnut Creek : Mh #197 to #204	0201/2170-0202/2170	120 DAYS	3/1/1998	310	930	930
	Summary for 'PM' = S09E00083			1,146	3,438	3,438
PM S09E00092						
H: Mapsheet No. 2215 - Baldwin Park Blvd. : Mh #41 to #46	0042/2215-0043/2215	90 DAYS	3/1/1998	250	1,000	1,000
H: Mapsheet No. 2215 - Baldwin Park Blvd. : Mh #41 to #46	0044/2215-0045/2215	90 DAYS	3/1/1998	412	1,648	1,648
H: Mapsheet No. 2215 - Baldwin Park Blvd. : Mh #41 to #46	0043/2215-0044/2215	90 DAYS	3/1/1998	220	880	880
H: Mapsheet No. 2215 - Baldwin Park Blvd. : Mh #41 to #46	0045/2215-0046/2215	90 DAYS	3/1/1998	343	1,372	1,372
H: Mapsheet No. 2215 - Baldwin Park Blvd. : Mh #41 to #46	0041/2215-0042/2215	90 DAYS	3/1/1998	114	456	456
	Summary for 'PM' = S09E00092			1,339	5,356	5,356
PM S09E00117						
H: Mapsheet No 2169 - Francisquito Ave : MH #445 to #458	0445/2169-0458/2169	120 DAYS	4/20/1998	256	768	768
	Summary for 'PM' = S09E00117			256	768	768
PM S09E00143						
H: Mapsheet No. 2215 Puente Ave. from Mh 361 to Mh 577 (2214).	0020/2215-0577/2214	90 DAYS	6/2/2002	325	1,300	1,300
H: Mapsheet No. 2215 Puente Ave. from Mh 361 to Mh 577 (2214).	0361/2215-0362/2215	90 DAYS	6/2/2002	182	728	728
H: Mapsheet No. 2215 Puente Ave. from Mh 361 to Mh 577 (2214).	0020/2215-0362/2215	90 DAYS	6/2/2002	66	264	264
	Summary for 'PM' = S09E00143			573	2,292	2,292

Periodics Report for City of Baldwin Park

Year 2011 - Year 2012

DESCRIPTION	PIPE_LOCN	DAYS MONTHS	START YEAR	PIPE LENGTH	Y2011	Y2012
PM S09E00162						
H: Mapsheet No. 2169 - San Gabriel River Parkway : MH #126 to #128	0127/2169-0128/2169	90 DAYS	6/17/2004	270	1,080	1,080
H: Mapsheet No. 2169 - San Gabriel River Parkway : MH #126 to #128	0126/2169-0127/2169	90 DAYS	6/17/2004	288	1,152	1,152
	Summary for 'PM' = S09E00162			558	2,232	2,232
PM S09E00165						
H: Mapsheet No. 2214 - La Rica Ave. : from MH #52 to MH#95	0052/2214-0095/2214	90 DAYS	7/3/2004	270	1,080	1,080
	Summary for 'PM' = S09E00165			270	1,080	1,080
PM S09E00166						
H: Mapsheet No. 2169 - Waco St. : MH #138 to #126	0126/2169-0138/2169	90 DAYS	7/15/2004	252	1,008	1,008
	Summary for 'PM' = S09E00166			252	1,008	1,008
PM S09E00175						
H: Mapsheet No. 2169 - Maine Ave. : MH #401 to #408	0401/2169-0404/2169	90 DAYS	1/11/2005	295	1,180	1,180
H: Mapsheet No. 2169 - Maine Ave. : MH #401 to #408	0404/2169-0406/2169	90 DAYS	1/11/2005	334	1,336	1,336
H: Mapsheet No. 2169 - Maine Ave. : MH #401 to #408	0407/2169-0408/2169	90 DAYS	1/11/2005	318	1,272	1,272
H: Mapsheet No. 2169 - Maine Ave. : MH #401 to #408	0406/2169-0407/2169	90 DAYS	1/11/2005	283	1,132	1,132
	Summary for 'PM' = S09E00175			1,230	4,920	4,920
PM S09E00197						
H: Mapsheet No. 2169 - Merced : MH #635 to #637	0636/2169-0637/2169	90 DAYS	1/1/2006	183	732	732
H: Mapsheet No. 2169 - Merced : MH #635 to #637	0635/2169-0636/2169	90 DAYS	1/1/2006	246	984	984
	Summary for 'PM' = S09E00197			429	1,716	1,716
PM S09E00198						
H: Mapsheet No. 2214 - Bogart Ave. : from MH #456 to MH#457	0456/2214-0457/2214	90 DAYS	1/24/2006	267	1,068	1,068
	Summary for 'PM' = S09E00198			267	1,068	1,068

Periodics Report for City of Baldwin Park

Year 2011 - Year 2012

DESCRIPTION	PIPE_LOCN	DAYS MONTHS	START YEAR	PIPE LENGTH	Y2011	Y2012
PM S09E00214						
H: Mapsheet No. 2169 - Francisquito Ave. : MH #349 to T/L	0343/2169-0344/2169	120 DAYS	9/5/2006	350	1,050	1,050
H: Mapsheet No. 2169 - Francisquito Ave. : MH #349 to T/L	0346/2169-0347/2169	120 DAYS	9/5/2006	198	594	594
H: Mapsheet No. 2169 - Francisquito Ave. : MH #349 to T/L	0345/2169-0346/2169	120 DAYS	9/5/2006	68	204	204
H: Mapsheet No. 2169 - Francisquito Ave. : MH #349 to T/L	0344/2169-0345/2169	120 DAYS	9/5/2006	259	777	777
H: Mapsheet No. 2169 - Francisquito Ave. : MH #349 to T/L	0347/2169-0348/2169	120 DAYS	9/5/2006	266	798	798
H: Mapsheet No. 2169 - Francisquito Ave. : MH #349 to T/L	0348/2169-0349/2169	120 DAYS	9/5/2006	266	798	798
H: Mapsheet No. 2169 - Francisquito Ave. : MH #349 to T/L	0343/2169-TRNK/2169	120 DAYS	9/5/2006	350	1,050	1,050
	Summary for 'PM' = S09E00214			1,757	5,271	5,271
PM S09E00232						
f/o hMsht 2214 Phelan Av 396 - 395 MHs Fld out	0395/2214-0396/2214	90 DAYS	2/15/2008	284	1,136	1,136
	Summary for 'PM' = S09E00232			284	1,136	1,136
PM S09E00235						
H: Mapsheet C-2168 from Ohio St: MH 242 to MH 255.	0242/2168-0255/2168	90 DAYS	4/28/2008	314	1,256	1,256
	Summary for 'PM' = S09E00235			314	1,256	1,256
PM S09E00237						
H: Mapsheet No. 2169 Trunk Line on Tracy St: MH 314	0314/2169-TRUNK/216	90 DAYS	9/1/2008	172	688	688
	Summary for 'PM' = S09E00237			172	688	688
PM S09E0149						
H: Mapsheet No. 2168 - Filhurst Ave. Mh# 109 to Mh# 131	0109/2168-0131/2168	90 DAYS	12/5/2002	315	1,260	1,260
	Summary for 'PM' = S09E0149			315	1,260	1,260
PM S09E0162						
H : Mapsheet No. 2215- Ramona Blvd : MH 650(C-2169) to #9 (C-22	0008/2215-0009/2215	90 DAYS	9/1/2007	106	424	424
H : Mapsheet No. 2215- Ramona Blvd : MH 650(C-2169) to #9 (C-22	0008/2215-0650/2169	90 DAYS	9/1/2007	279	1,116	1,116
	Summary for 'PM' = S09E0162			385	1,540	1,540
PM S09E0168						
Rootsaw: Mapsheet No. 2169 - Magnum St : MH #233 to #239	0238/2169-0239/2169	90 DAYS	7/2/2007	189	756	756
Rootsaw: Mapsheet No. 2169 - Magnum St : MH #233 to #239	0233/2169-0238/2169	90 DAYS	7/2/2007	249	996	996
	Summary for 'PM' = S09E0168			438	1,752	1,752

Periodics Report for City of Baldwin Park

Year 2011 - Year 2012

DESCRIPTION	PIPE_LOCN	DAYS MONTHS	START YEAR	PIPE LENGTH	Y2011	Y2012
PM S09E0169						
H: Mapsheet No. 2169 - Walnut St : MH #592 to #593	0592/2169-0593/2169	90 DAYS	9/4/2008	340	1,360	1,360
	Summary for 'PM' = S09E0169			340	1,360	1,360
PM S09E0193						
H: Mapsheet No. 2169 Baldwin Park Ave from MH 446 to MH 447	0446/2169-0447/2169	90 DAYS	11/18/2011	270	270	1,080
	Summary for 'PM' = S09E0193			270	270	1,080
PM S09E0196						
H: Mapsheet No. 2170 Ledford St. from MH 21 to MH 97	0021/2170-0097/2170	90 DAYS	5/1/2012	241		723
H: Mapsheet No. 2170 Ledford St. from MH 21 to MH 97	0021/2170-0097/2170	90 DAYS	5/1/2012	241		482
	Summary for 'PM' = S09E0196			482		1,205
PM S10CR0239						
RP: Mapsheet No.2214-Maine Ave : MH #385 to #402.	0401/2214-0402/2214	18 MONTHS	7/23/2002	173	173	
RP: Mapsheet No.2214-Maine Ave : MH #385 to #402.	0385/2214-0401/2214	18 MONTHS	7/23/2002	265	265	
	Summary for 'PM' = S10CR0239			438	438	
PM S10E00062						
R: Mapsheet No. 2168 - Walnut St. : MH #228 to #58	0058/2168-0062/2168	90 DAYS	2/1/1998	47	188	188
R: Mapsheet No. 2168 - Walnut St. : MH #228 to #58	0062/2168-0228/2168	90 DAYS	2/1/1998	316	1,264	1,264
	Summary for 'PM' = S10E00062			363	1,452	1,452
PM S10E00063						
R: Mapsheet No. 2168 - Los Angeles St. : MH #60 to #62	0061/2168-0062/2168	90 DAYS	2/1/1998	290	1,160	1,160
R: Mapsheet No. 2168 - Los Angeles St. : MH #60 to #62	0060/2168-0061/2168	90 DAYS	2/1/1998	232	928	928
	Summary for 'PM' = S10E00063			522	2,088	2,088
PM S10E00128						
R: Mapsheet No. 2169 - Athol St. : MH T/L to #516	0516/2169-0517/2169	120 DAYS	2/1/1998	343	1,029	1,029
R: Mapsheet No. 2169 - Athol St. : MH T/L to #516	0517/2169-TRNK/2169	120 DAYS	2/1/1998	308	924	924
	Summary for 'PM' = S10E00128			651	1,953	1,953

Periodics Report for City of Baldwin Park

Year 2011 - Year 2012

DESCRIPTION	PIPE_LOCN	DAYS MONTHS	START YEAR	PIPE LENGTH	Y2011	Y2012
PM S10E00130						
R Msht C2169 Cutler Av MH604 -C2168 MH3 *	0002/2168-0003/2168	90 DAYS	3/20/2010	344	1,376	1,376
R Msht C2169 Cutler Av MH604 -C2168 MH3 *	0001/2168-0002/2168	90 DAYS	3/20/2010	299	1,196	1,196
R Msht C2169 Cutler Av MH604 -C2168 MH3 *	0604/2169-0001/2168	90 DAYS	3/20/2010	351	1,404	1,404
	Summary for 'PM' = S10E00130			994	3,976	3,976
PM S10E00181						
R: Mapsheet No. 2169 - Alley S/O Ramona Bl. : MH #156 to #159	0158/2169-0159/2169	150 DAYS	2/1/1998	143	429	286
R: Mapsheet No. 2169 - Alley S/O Ramona Bl. : MH #156 to #159	0156/2169-0157/2169	150 DAYS	2/1/1998	248	744	496
R: Mapsheet No. 2169 - Alley S/O Ramona Bl. : MH #156 to #159	0157/2169-0158/2169	150 DAYS	2/1/1998	207	621	414
	Summary for 'PM' = S10E00181			598	1,794	1,196
PM S10E00182						
R: Mapsheet No. 2169 - Cosby Av. : MH #249 to #256	0252/2169-0253/2169	150 DAYS	3/1/1998	268	536	804
R: Mapsheet No. 2169 - Cosby Av. : MH #249 to #256	0249/2169-0252/2169	150 DAYS	3/1/1998	311	622	933
R: Mapsheet No. 2169 - Cosby Av. : MH #249 to #256	0253/2169-0254/2169	150 DAYS	3/1/1998	275	550	825
R: Mapsheet No. 2169 - Cosby Av. : MH #249 to #256	0254/2169-0256/2169	150 DAYS	3/1/1998	241	482	723
	Summary for 'PM' = S10E00182			1,095	2,190	3,285
PM S10E00227						
R: Mapsheet No. 2169 - Barnes Av. : MH #40 to 55	0054/2169-0055/2169	90 DAYS	3/1/1998	157	628	628
R: Mapsheet No. 2169 - Barnes Av. : MH #40 to 55	0042/2169-0047/2169	90 DAYS	3/1/1998	262	1,048	1,048
R: Mapsheet No. 2169 - Barnes Av. : MH #40 to 55	0047/2169-0048/2169	90 DAYS	3/1/1998	229	916	916
R: Mapsheet No. 2169 - Barnes Av. : MH #40 to 55	0053/2169-0054/2169	90 DAYS	3/1/1998	251	1,004	1,004
R: Mapsheet No. 2169 - Barnes Av. : MH #40 to 55	0048/2169-0053/2169	90 DAYS	3/1/1998	309	1,236	1,236
R: Mapsheet No. 2169 - Barnes Av. : MH #40 to 55	0040/2169-0041/2169	90 DAYS	3/1/1998	128	512	512
R: Mapsheet No. 2169 - Barnes Av. : MH #40 to 55	0041/2169-0042/2169	90 DAYS	3/1/1998	152	608	608
	Summary for 'PM' = S10E00227			1,488	5,952	5,952
PM S10E00230						
R: Mapsheet No. 2170 - Judith St. : MH #119 to #116	0118/2170-0119/2170	180 DAYS	4/1/1998	356	712	712
R: Mapsheet No. 2170 - Judith St. : MH #119 to #116	0116/2170-0117/2170	180 DAYS	4/1/1998	342	684	684
R: Mapsheet No. 2170 - Judith St. : MH #119 to #116	0117/2170-0118/2170	180 DAYS	4/1/1998	342	684	684
	Summary for 'PM' = S10E00230			1,040	2,080	2,080

Periodics Report for City of Baldwin Park

Year 2011 - Year 2012

DESCRIPTION	PIPE_LOCN	DAYS MONTHS	START YEAR	PIPE LENGTH	Y2011	Y2012
PM S10E00236						
R: Mapsheet No. 2214 - N/S E Ramona Bl. : MH #455 to #449	0453/2214-0454/2214	180 DAYS	4/1/1998	284	568	568
R: Mapsheet No. 2214 - N/S E Ramona Bl. : MH #455 to #449	0449/2214-0453/2214	180 DAYS	4/1/1998	284	568	568
R: Mapsheet No. 2214 - N/S E Ramona Bl. : MH #455 to #449	0454/2214-0455/2214	180 DAYS	4/1/1998	284	568	568
	Summary for 'PM' = S10E00236			852	1,704	1,704
PM S10E00260						
R: Mapsheet No. 2169 - Ramona Blvd : MH #532 to #540	0535/2169-0536/2169	60 DAYS	11/23/2005	198	1,188	1,188
R: Mapsheet No. 2169 - Ramona Blvd : MH #532 to #540	0538/2169-0540/2169	60 DAYS	11/23/2005	219	1,314	1,314
R: Mapsheet No. 2169 - Ramona Blvd : MH #532 to #540	0536/2169-0538/2169	60 DAYS	11/23/2005	197	1,182	1,182
R: Mapsheet No. 2169 - Ramona Blvd : MH #532 to #540	0532/2169-0535/2169	60 DAYS	11/23/2005	196	1,176	1,176
	Summary for 'PM' = S10E00260			810	4,860	4,860
PM S10E00264						
R: Mapsheet No. 2215 - Baldwin Park Blvd : MH #28 to #27	0027/2215-0028/2215	90 DAYS	4/27/1998	280	1,120	1,120
	Summary for 'PM' = S10E00264			280	1,120	1,120
PM S10E00268						
R: Mapsheet No. 2214 - Maine Ave : MH #385 to #402.	0401/2214-0402/2214	90 DAYS	11/29/2005	173	692	692
	Summary for 'PM' = S10E00268			173	692	692
PM S10E00315						
R: Mapsheet No. 2214 - California Ave. : MH #293 to MH #295	0385/2214-0401/2214	90 DAYS	7/1/2003	265	1,060	1,060
	Summary for 'PM' = S10E00315			265	1,060	1,060
PM S10E00318						
R: Mapsheet No. 2169 - R/W E/O Center : MH #532 to MH #533	0532/2169-0533/2169	90 DAYS	7/7/2003	102	408	408
	Summary for 'PM' = S10E00318			102	408	408
PM S10E00324						
R: Mapsheet No. 2214 - Maine Ave : MH #443 to 1st MH E/O MH #444	0443/2214-0444/2214	90 DAYS	10/24/2003	90	360	360
	Summary for 'PM' = S10E00324			90	360	360

Periodics Report for City of Baldwin Park

Year 2011 - Year 2012

DESCRIPTION	PIPE_LOCN	DAYS MONTHS	START YEAR	PIPE LENGTH	Y2011	Y2012
PM S10E00329						
R: Mapsheet No. 2169 - Fairgrove St. : MH #280 to MH #284	0283/2169-0284/2169	90 DAYS	11/3/2003	317	1,268	1,268
R: Mapsheet No. 2169 - Fairgrove St. : MH #280 to MH #284	0280/2169-0283/2169	90 DAYS	11/3/2003	318	1,272	1,272
	Summary for 'PM' = S10E00329			635	2,540	2,540
PM S10E00357						
R: Mapsheet No. 2169 - Illinois Ave. : MH #643 to MH #642	0642/2169-0643/2169	90 DAYS	12/7/2004	334	1,336	1,336
	Summary for 'PM' = S10E00357			334	1,336	1,336
PM S10E00372						
R Msht 2169 R/W N/O Foster Av MH421-419	0420/2169-0421/2169	90 DAYS	3/6/2005	204	816	816
R Msht 2169 R/W N/O Foster Av MH421-419	0419/2169-0420/2169	90 DAYS	3/6/2005	35	140	140
	Summary for 'PM' = S10E00372			239	956	956
PM S10E00381						
R Msht #2215 Big Dalton MH 274-272	0272/2215-0274/2215	90 DAYS	7/7/2003	321	1,284	1,284
	Summary for 'PM' = S10E00381			321	1,284	1,284
PM S10E00409						
R: Mapsheet No. 2169 - Barnes Ave. : MH #64 to MH #63	0063/2169-0064/2169	90 DAYS	6/29/2006	236	944	944
	Summary for 'PM' = S10E00409			236	944	944
PM S10E00457						
R: Mapsheet No. - 2169 LUBICAN ST: MH 597 TO MH 599.	0597/2169-0599/2169	90 DAYS	7/20/2007	363	1,452	1,452
	Summary for 'PM' = S10E00457			363	1,452	1,452
PM S10E00461						
R: Mapsheet No. 2214 - FORTIN ST: MH 543 TO MH 542.	0542/2214-0543/2214	90 DAYS	8/18/2007	308	1,232	1,232
	Summary for 'PM' = S10E00461			308	1,232	1,232
PM S10E00463						
R: Mapsheet No. 2214 - EDRA AV: MH 130 TO MH 133.	0130/2214-0133/2214	90 DAYS	8/10/2007	173	692	692
	Summary for 'PM' = S10E00463			173	692	692

Periodics Report for City of Baldwin Park

Year 2011 - Year 2012

DESCRIPTION	PIPE_LOCN	DAYS MONTHS	START YEAR	PIPE LENGTH	Y2011	Y2012
PM S10E00488						
R: Mapsheet No. 2168 Grace Av: MH 168 to MH 170	0168/2168-C.O./2168	90 DAYS	8/5/2008	166	664	664
R: Mapsheet No. 2168 Grace Av: MH 168 to MH 170	0170/2168-C.O./2168	90 DAYS	8/5/2008	130	520	520
	Summary for 'PM' = S10E00488			296	1,184	1,184
PM S10E00507						
c/o rmsht 2214 stewart av 10 - 9 MHs Cln out	0009/2214-0010/2214	90 DAYS	4/10/2009	310	1,240	1,240
	Summary for 'PM' = S10E00507			310	1,240	1,240
PM S10E0312						
R: Mapsheet No. 2215- Mayland Ave : Mh #410 to Mh #412	0411/2215-0412/2215	120 DAYS	12/24/2006	298	894	894
R: Mapsheet No. 2215- Mayland Ave : Mh #410 to Mh #412	0410/2215-0411/2215	120 DAYS	12/24/2006	176	528	528
	Summary for 'PM' = S10E0312			474	1,422	1,422
PM S10E0314						
R Msht2169 R/W S/O Ramona Bl 637-638	0637/2169-0638/2169	90 DAYS	9/28/2006	286	1,144	1,144
	Summary for 'PM' = S10E0314			286	1,144	1,144
PM S10E0315						
R: Mapsheet No. 2214 Ohio St From Mh 140 to Mh 117	0139/2214-0140/2214	90 DAYS	10/28/2006	192	768	768
R: Mapsheet No. 2214 Ohio St From Mh 140 to Mh 117	0117/2214-0139/2214	90 DAYS	10/28/2006	65	260	260
	Summary for 'PM' = S10E0315			257	1,028	1,028
PM S10E0345						
R: Msheet 2215 Bresee St MHs 110-279	0110/2215-0279/2215	60 DAYS	2/2/2010	273	1,638	1,638
	Summary for 'PM' = S10E0345			273	1,638	1,638
		Total Pipe Length:		**28,391 ft / 5.38 mile**		
		Grand Total (ft):			**98,334**	**100,989**
		Grand Total (Mile			**18.62**	**19.13**
		Sewers (Count):			**116**	**116**

ENCLOSURE D
Map of Hot Spots

ENCLOSURE E

Pump Station Condition Assessment Schedule/Completion

PUMP STATION CONDITION ASSESSMENT WORK FOR THE CITY OF BALDWIN PARK

Year	Scheduled	Completed
2011	0	0
2012	0	0
Total	**0**	**0**

ENCLOSURE F

Closed-Circuit Television Inspection Reports and Accumulative Capital Outlay Projects by City

SEWER CONDITION ASSESSMENT
ACCUMULATIVE CAPITAL OUTLAY PROJECTS FOR
THE CITY OF BALDWIN PARK

Year	Length of Sewer Lines Rehabilitated (feet)
2011	0
2012	0
Total	**0**

CLOSE-CIRCUIT TELEVISION INSPECTION REPORT FOR THE CITY OF BALDWIN PARK

Years	Miles Scheduled	Miles Completed	% Significant Defects (Rated 5)	Miles Significantly Defective
2011	0.00	0.00	0.00	0.00
2012	0.00	0.00	0.00	0.00
Total	**0.00**	**0.00**	**0.00**	**0.00**

ENCLOSURE G
Productivity Report

SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM - DIVISION LEVEL
FIELD WORK COMPLETED: January 1, 2011 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:

- Service Requests Responded to: 16
- False Alarms: 11
- Stoppages: 1
- Overflows: 0
- Floodouts: 0
- Roach Complaints: 1
- Misc.: 2
- Others: 1

TELEVISING

Feet Televised: 627

ROOT CONTROL

Sewer Pipe Treated for Roots (feet): 0

CONSTRUCTION

Saddle Installation(s): 1

PUMP STATIONS

Total Number of Pump Stations: 3
Total Routine Maintenance/Repair: 358
Total Major Repairs: 0
Total Emergency Response: 0

ANNEXATIONS

Parcel(s) Annexed to the District: 1

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 2

SEWER MAINTENANCE PRODUCTIVITY REPORT
COLLECTION SYSTEM - DIVISION LEVEL
FIELD WORK COMPLETED: January 1, 2012 to December 31, 2012
City of Baldwin Park

Total Pipe Length (feet) as of December 31, 2012: 550,332
Total Manholes as of December 31, 2012: 2,291

PREVENTIVE MAINTENANCE ACTIVITIES

Sewer Pipe

- Hydro Cleaned (feet): 68,635
    - Periodic Cleaning (feet): 38,320
- Mechanically Rodded (feet): 34,599
    - Periodic Cleaning (feet): 28,599

Manholes

- Inspected: 4,582
- Adjusted: 34

SERVICE REQUESTS

Responded to:

- Service Requests Responded to: 17
- False Alarms: 10
- Stoppages: 3
- Overflows: 1
- Floodouts: 0
- Roach Complaints: 0
- Misc.: 3
- Others: 0

TELEVISING

Feet Televised: 1,285

ROOT CONTROL

Sewer Pipe Treated for Roots (feet): 0

CONSTRUCTION

Saddle Installation(s): 5

PUMP STATIONS

Total Number of Pump Stations: 3
Total Routine Maintenance/Repair: 384
Total Major Repairs: 1
Total Emergency Response: 2

ANNEXATIONS

Parcel(s) Annexed to the District: 0

ACCUMULATIVE CAPITAL OUTLAY PROJECTS

Sewer Projects Reconstructed/Rehabilitated: 0

ENCLOSURE H

Sanitary Sewer Overflow Report
Breakdown by Cities and Month

MONTHLY SANITARY SEWER OVERFLOW REPORT FOR THE CITY OF BALDWIN PARK

Years	Pipe Length (mi)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	SSOs Total	*CSMD SSOs Total	SSOs/100 mi
2011	104.29	1								1				2	2	1.92
2012	104.23	1	1									1		3	3	2.88
Total	208.52	2	1	0	0		0	0	0		0		0	5	5	4.8

* Excludes private lateral SSOs

ENCLOSURE I

Facilities Maintained by the Consolidated Sewer Maintenance District by City

FACILITIES MAINTAINED BY THE CONSOLIDATED SEWER MAINTENANCE DISTRICT FOR THE CITY OF BALDWIN PARK

Years	Pipe Length (mi)	Manholes	Pump Stations
2011	104.29	2,293	3
2012	104.23	2,291	3

ENCLOSURE J

California Integrated Water Quality System (CIWQS) Certified Sanitary Sewer Overflow Reports

CIWQS

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Navigate to:

You are logged-in as: nagbobu. If this account does not belong to you, please log out.

Spill - General Information [?] SSO Menu

Spill Event ID:	761532	**Regional Water Board:**	Region 4 - Los Angeles
Location Name:	2170 - 13115 Amar Rd	**Agency:**	Baldwin Park City
SSO ID:	4SSO10366	**Sanitary Sewer System:**	Baldwin Park City CS

General Info | Spill Related Parties | Attachments

Amend

Note: Certification of PLSD reports will not be required after WDR Review and Update changes are implemented. Questions with "*" are required.

You have 59:59 minutes to save your report before your session expires.

Version: 2

***1 - Spill Location Name:** 2170 - 13115 Amar Rd

***2 - Estimated spill volume:** 1.0 gallons

***3 - Did the spill discharge to a drainage channel and/or surface water?** No

***4 - Did the spill reach a storm drainpipe that is not part of a combined sewer system?** No

***5 - If spill reached a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?** Not Applicable - Spill did not reach a separate storm drainpipe

6 - Estimated volume of spill recovered: 1.0 gallons

7 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain: 0.0 gallons

Physical Location Details

* either Lat/Lon or Address(Number, Name, City, and Zip)

8 - Latitude of spill location: deg. min. sec. OR 34.06311 decimal degrees [Map]

9 - Longitude of spill location: deg. min. sec. OR -117.9891 decimal degrees [Map]

- or -

10 - Street number: 13115

11 - Street name: Amar **12 - Suite/Apt:**

13 - City: Baldwin Park **14 - Zip:**

15 - Spill location description:
(Use attachment if location description is more than 2000 charaters)

CSMD Mapsheet No 2170 MMS No. 4384013B

Spill Details

*16 - Spill appearance point: (Hold Ctrl key to Select Multiple answers from the list)	Force Main Gravity Mainline Inside Building or Structure
17 - Spill appearance point explanation: (Required if spill appearance point is "Other")	
18 - Final spill destination: (Hold Ctrl key to Select Multiple answers from the list)	Beach Building or Structure Combined Storm Drain (Combined CS only)
19 - Explanation of final spill destination: (Required if final spill destination is "Other")	Sweage was contained in an apartment building not maintained by Sewer Maintenance Division
*20 - Estimated spill start date/time:	01/17/2011 22 : 45 Date Format: MM/DD/YYYY
*21 - Date and time sanitary sewer system agency was notified of or discovered spill:	01/17/2011 22 : 20 Date Format: MM/DD/YYYY
22 - Estimated Operator arrival date/time:	01/18/2011 00 : 30 Date Format: MM/DD/YYYY
23 - Estimated spill end date/time:	01/18/2011 01 : 15 Date Format: MM/DD/YYYY
*24 - Spill cause:	Debri-General
25 - Spill cause explanation: (Required if spill Cause is "Other")	
26 - PLSD Source:	
27 - Explanation of PLSD Source:	
*28 - Where did failure occur?	Main
Explanation of Where Failure Occurred: red if Where Failure Occurred is "Other")	
30 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):	inches
31 - Material of sewer pipe at the point of blockage or spill cause (if applicable):	
32 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):	
33 - Spill response activities: (Hold Ctrl key to Select Multiple answers from the list)	Cleaned-Up Mitigated Effects of Spill Contained all or portion of spill
34 - Explanation of spill response activities: (Required if spill response activities is "Other", use attachment if the text is more than 1700 characters)	Hydroed maniline on niorthside Amar Rd from manhole 114 to lamp hole manhole

Spill - General Information [?] SSO Menu

Spill Event ID:	771098	**Regional Water Board:**	Region 4 - Los Angeles
Location Name:	2169 - 3133 Baldwin Park Boulevard	**Agency:**	Baldwin Park City
ID:	4SSO10366	**Sanitary Sewer System:**	Baldwin Park City CS

General Info | Spill Related Parties | Attachments

Spill - General Information, Screen 2

Certified by Nicholas A. Agbobu (Senior Civil Engineer) on 09/15/2011 at Alhambra

(Certification ID 497954)

Amend

You have 59:59 *minutes to save your report before your session expires.*

Note: Questions with "" are required to be answered for 'Save Work in Progress'.*
Questions with "" are required to be answered for 'Submit Draft'.*
Questions with "" are required to be answered for 'Ready to Certify'.*

Submit Draft On:	09/15/2011
Last Updated By:	Nicholas Agbobu
1 - Spill Type:	Category 3
Version:	1.0

***2 - Estimate Spill Volumes**

a) Estimated spill volume that reached a separate storm drain that flows to a surface water body?	0 gallons
b) Estimated spill volume recovered from the separate storm drain that flows to a surface water body? (Do not include water used for clean-up)	0 gallons
c) Estimated spill volume that reached a drainage channel that flows to a surface water body?	0 gallons
d) Estimated spill volume recovered from a drainage channel that flows to a surface water body?	0 gallons
e) Estimated spill volume discharged directly to a surface water body?	0 gallons
f) Estimated spill volume recovered from surface water body?	0 gallons
g) Estimated spill volume discharged to land? (Includes discharges directly to land, and discharges to a storm drain system or drainage channel that flows to a storm water infiltration/retention structure, field, or other non-surface water location.)	0 gallons
h) Estimated spill volume recovered from the discharge to land? (Do not include water used for clean-up)	0 gallons

Estimated Total spill volume	Estimated Total spill volume	Estimated Total spill volume	Estimated Total spill volume

(a-b+c+e)	(g)	(b+d+f+h)	(a+c+e+g)
0.0		15.0	15.0

*3 - Did the spill discharge to a drainage channel and/or surface water? No

*4 - Did the spill reach a storm drainpipe that is not part of a combined sewer system? No

If spill reached a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system? Not Applicable - Spill did not reach a separate storm drainpipe

Physical Location Details

*6 - Spill location name: 2169 - 3133 Baldwin Park Boulevard

*7 - Latitude of spill location: deg. min. sec. OR 34.07070 decimal degrees [Map

*8 - Longitude of spill location: deg. min. sec. OR -117.9788 decimal degrees [Map

*9 - County: Los Angeles

*10 - Regional Water Quality Control Board: Region 4 - Los Angeles

11 - Spill location description:
(Use attachment if location description is more than 2000 charaters)
CSMD Mapsheet No. 2169
MMS No. 4585800

Spill Details

*12 - Number Of appearance points:

*13 - Spill appearance point:
(Hold Ctrl key to Select Multiple answers from the list)
Combined Sewer D.I. (Combined CS Only)
Force Main
Gravity Mainline

*14 - Spill appearance point explanation:
(Required if spill appearance point is "Other" and/or multiple appearance points are selected)
Clean-out

**15 - Final spill destination:
(Hold Ctrl key to Select Multiple answers from the list)
Beach
Building or Structure
Combined Storm Drain (Combined CS only)

16 - Explanation of final spill destination:
(Required if final spill destination is "Other")
Parking lot

*17 - Estimated spill start date/time: 09/13/2011 16 : 28 Date Format: MM/DD/YYYY

*18 - Date and time sanitary sewer system agency was notified of or discovered spill: 09/13/2011 16 : 36 Date Format: MM/DD/YYYY

*19 - Estimated Operator arrival date/time: 09/13/2011 17 : 15 Date Format: MM/DD/YYYY

**20 - Estimated spill end date/time: 09/13/2011 17 : 19 Date Format: MM/DD/YYYY

**21 - Spill cause: Grease deposition (FOG)

22 - Spill cause explanation:
(Required if spill Cause is "Other")

24 - Explanation of where failure occurred:
(Required if Where Failure Occurred is "Other")

**25 - Was this spill associated with a storm event?

26 - Diameter of sewer pipe at the point of blockage or failure: inches

Material of sewer pipe at the point of blockage or failure:

28 - Estimated age of sewer asset at the point of blockage or failure: (months)

29 - Explanation of volume estimation methods used:
(Describe how you developed spill volume estimates for this spill)

*30(a) - Name and Title (Contact person who can answer specific questions about this SSO)

*30(b) - Contact Person Phone Number

Amend

Spill - General Information [?] SSO Menu

Spill Event ID:	775688	Regional Water Board:	Region 4 - Los Angeles
Location Name:	2168-0146	Agency:	Baldwin Park City
ID:	4SSO10366	Sanitary Sewer System:	Baldwin Park City CS

General Info | Spill Related Parties | Attachments

Spill - General Information, Screen 2

Certified by Nicholas A. Agbobu (Senior Civil Engineer) on 01/10/2012 at Alhambra
(Certification ID 256742)

Amend

You have 59:59 *minutes to save your report before your session expires.*

Note: Questions with "" are required to be answered for 'Save Work in Progress'.*
Questions with "" are required to be answered for 'Submit Draft'.*
Questions with "" are required to be answered for 'Ready to Certify'.*

Submit Draft On: 01/10/2012

Last Updated By: Nicholas Agbobu

1 - Spill Type: Category 1

Version: 1.0

*2 - Estimate Spill Volumes

a) Estimated spill volume that reached a separate storm drain that flows to a surface water body?	0 gallons
b) Estimated spill volume recovered from the separate storm drain that flows to a surface water body? (Do not include water used for clean-up)	0 gallons
c) Estimated spill volume that reached a drainage channel that flows to a surface water body?	0 gallons
d) Estimated spill volume recovered from a drainage channel that flows to a surface water body?	0 gallons
e) Estimated spill volume discharged directly to a surface water body?	0 gallons
f) Estimated spill volume recovered from surface water body?	0 gallons
g) Estimated spill volume discharged to land? (Includes discharges directly to land, and discharges to a storm drain system or drainage channel that flows to a storm water infiltration/retention structure, field, or other non-surface water location.)	0 gallons
h) Estimated spill volume recovered from the discharge to land? (Do not include water used for clean-up)	0 gallons

Estimated Total spill volume	Estimated Total spill volume	Estimated Total spill volume	Estimated Total spill volume

(a+b+c+e)	(g)	(b+d+f+h)	(a+c+e+g)
40.0		10.0	50.0

*3 - Did the spill discharge to a drainage channel and/or surface water? Yes

*4 - Did the spill reach a storm drainpipe that is not part of a combined sewer system? Yes

If spill reached a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system? No

Physical Location Details

*6 - Spill location name: 2168-0146

*7 - Latitude of spill location: deg. min. sec. OR 34.092886 decimal degrees [Mar

*8 - Longitude of spill location: deg. min. sec. OR -117.9818 decimal degrees [Mar

*9 - County: Los Angeles

*10 - Regional Water Quality Control Board: Region 4 - Los Angeles

11 - Spill location description:
(Use attachment if location description is more than 2000 charaters)
CSMD Mapsheet No. 2168 Manhole No. 146
MMS No. 4638132

Spill Details

*12 - Number Of appearance points:

*13 - Spill appearance point:
(Hold Ctrl key to Select Multiple answers from the list)
Combined Sewer D.I. (Combined CS Only)
Force Main
Gravity Mainline

*14 - Spill appearance point explanation:
(Required if spill appearance point is "Other" and/or multiple appearance points are selected)

**15 - Final spill destination:
(Hold Ctrl key to Select Multiple answers from the list)
Beach
Building or Structure
Combined Storm Drain (Combined CS only)

16 - Explanation of final spill destination:
(Required if final spill destination is "Other")
San Gabriel River

*17 - Estimated spill start date/time: 01/06/2012 15 : 10 Date Format: MM/DD/YYYY

*18 - Date and time sanitary sewer system agency was notified of or discovered spill: 01/06/2012 15 : 14 Date Format: MM/DD/YYYY

*19 - Estimated Operator arrival date/time: 01/06/2012 15 : 30 Date Format: MM/DD/YYYY

**20 - Estimated spill end date/time: 01/06/2012 15 : 45 Date Format: MM/DD/YYYY

**21 - Spill cause: Grease deposition (FOG)

22 - Spill cause explanation:
(Required if spill Cause is "Other")

24 - Explanation of Where Failure Occurred:
(Required if Where Failure Occurred is "Other")

**25 - Was this spill associated with a storm event?

[illegible]iameter of sewer pipe at the point of blockage or failure: inches

27 - Material of sewer pipe at the point of blockage or failure:

28 - Estimated age of sewer asset at the point of blockage or failure: (months)

** 29 - Spill response activities:
(Hold Ctrl key to Select Multiple answers from the list)
Cleaned-Up
Mitigated Effects of Spill
Contained all or portion of spill

30 - Explanation of spill response activities:
(Required if spill response activities is "Other", use attachment if the text is more than 1700 characters)

** 31 - Spill response completion date: 01/06/2012 16 : 50 Date Format: MM/DD/YYYY

** 32 - Spill corrective action taken:
(Hold Ctrl key to Select Multiple answers from the list)
Added sewer to preventive maintenance program
Adjusted schedule/method of preventive maintenance
Enforcement action against FOG source

33 - Explanation of spill corrective action taken:
(Required if spill corrective action is "Other")

** 34a - Is there an ongoing investigation? No

34b - Reason for ongoing investigation?

35 - Visual inspection results from impacted receiving water:

**3[illegible]Health warnings posted? No

**37 - Did the spill result in a beach closure (If YES, answer questions 38)?

**38 - Name of impacted beach(es) (enter NA if None):

39 - Name of impacted surface water(s) (enter Un-named Tributary to XXXXX where XXXXX is the name of first named downstream tributary if receiving surface water body is un-named): San Gabriel River

**40 - Water quality samples analyzed for:
(Hold Ctrl key to Select Multiple answers from the list)
Dissolved oxygen
Other chemical indicator(s) - specify below
Biological indicator(s) - specify below

41 - Explanation of water quality samples analyzed for:
(Required if water quality samples analyzed for is "Other chemical indicator(s)", "Biological indicator(s)", or "Other")

**42 - Water quality sample results reported to:
(Hold Ctrl key to Select Multiple answers)
County Health Agency
Regional Water Quality Control Board

(Required if water quality sample results reported to is "Other")

** 44 - Explanation of volume estimation methods used:
(Describe how you developed spill volume estimates for this spill)

[redacted]ification Details

45 - Cal OES Control Number
(Required for Category 1 - see SSO Monitoring and Reporting Program Requirements): 120113

46 - Cal OES Called Date/Time
(Required for Category 1 - see SSO Monitoring and Reporting Program Requirements): 01/06/2012 15 : 19 Date Format: MM/DD/YYYY

*47(a) - Name and Title (Contact person who can answer specific questions about this SSO)

*47(b) - Contact Person Phone Number

Amend

Spill - General Information [?] SSO Menu

Spill Event ID:	776879	Regional Water Board:	Region 4 - Los Angeles
Location Name:	2170-0097	Agency:	Baldwin Park City
):	4SSO10366	Sanitary Sewer System:	Baldwin Park City CS

General Info | Spill Related Parties | Attachments

Spill - General Information, Screen 2

Certified by Nicholas A. Agbobu (Senior Civil Engineer) on 02/06/2012 at Alhambra
(Certification ID 117811)

Amend

You have 59:59 minutes to save your report before your session expires.

Note: Questions with "" are required to be answered for 'Save Work in Progress'.*
Questions with "" are required to be answered for 'Submit Draft'.*
Questions with "" are required to be answered for 'Ready to Certify'.*

Submit Draft On: 02/06/2012

Last Updated By: Nicholas Agbobu

1 - Spill Type: Category 3

Version: 1.0

*2 - Estimate Spill Volumes

a) Estimated spill volume that reached a separate storm drain that flows to a surface water body?	0 gallons
timated spill volume recovered from the separate storm drain that flows to a surface r body? (Do not include water used for clean-up)	0 gallons
c) Estimated spill volume that reached a drainage channel that flows to a surface water body?	0 gallons
d) Estimated spill volume recovered from a drainage channel that flows to a surface water body?	0 gallons
e) Estimated spill volume discharged directly to a surface water body?	0 gallons
f) Estimated spill volume recovered from surface water body?	0 gallons
g) Estimated spill volume discharged to land? (Includes discharges directly to land, and discharges to a storm drain system or drainage channel that flows to a storm water infiltration/retention structure, field, or other non-surface water location.)	0 gallons
h) Estimated spill volume recovered from the discharge to land? (Do not include water used for clean-up)	0 gallons

Estimated Total spill volume	Estimated Total spill volume	Estimated Total spill volume	Estimated Total spill volume

(a-b+c+e)	(g)	(b+d+f+h)	(a+c+e+g)
0.0		0.0	20.0

*3 - Did the spill discharge to a drainage channel and/or surface water? No

*4 - Did the spill reach a storm drainpipe that is not part of a combined sewer system? No

If spill reached a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system? Not Applicable - Spill did not reach a separate storm drainpipe

Physical Location Details

*6 - Spill location name: 2170-0097

*7 - Latitude of spill location: deg. min. sec. OR 34.063904 decimal degrees [Map

*8 - Longitude of spill location: deg. min. sec. OR -117.9944 decimal degrees [Map

*9 - County: Los Angeles

*10 - Regional Water Quality Control Board: Region 4 - Los Angeles

11 - Spill location description:
(Use attachment if location description is more than 2000 charaters)
CSMD Mapsheet No. 2170 Manhole No. 97
MMS No. 4650044

Spill Details

*12 - Number Of appearance points:

*13 - Spill appearance point:
(Hold Ctrl key to Select Multiple answers from the list)
Combined Sewer D.I. (Combined CS Only)
Force Main
Gravity Mainline

*14 - Spill appearance point explanation:
(Required if spill appearance point is "Other" and/or multiple appearance points are selected)

**15 - Final spill destination:
(Hold Ctrl key to Select Multiple answers from the list)
Beach
Building or Structure
Combined Storm Drain (Combined CS only)

16 - Explanation of final spill destination:
(Required if final spill destination is "Other")
Spill flowed into the southside of Ledford Street.

*17 - Estimated spill start date/time: 02/01/2012 09 : 00 Date Format: MM/DD/YYYY

*18 - Date and time sanitary sewer system agency was notified of or discovered spill: 02/01/2012 09 : 10 Date Format: MM/DD/YYYY

*19 - Estimated Operator arrival date/time: 02/01/2012 09 : 25 Date Format: MM/DD/YYYY

**20 - Estimated spill end date/time: 02/01/2012 10 : 30 Date Format: MM/DD/YYYY

**21 - Spill cause: Other (specify below)

22 - Spill cause explanation:
(Required if spill Cause is "Other")
Rocks, debris, and grease.

(Required if Where Failure Occurred is "Other")

**25 - Was this spill associated with a storm event?

26 - Diameter of sewer pipe at the point of blockage or failure: inches

- Material of sewer pipe at the point of blockage or failure:

- Estimated age of sewer asset at the point of blockage or failure: (months)

29 - Explanation of volume estimation methods used:
(Describe how you developed spill volume estimates for this spill)

*30(a) - Name and Title (Contact person who can answer specific questions about this SSO)

*30(b) - Contact Person Phone Number

Amend

Spill - General Information [?] SSO Menu

Spill Event ID:	788358	Regional Water Board:	Region 4 - Los Angeles
Spill Location Name:	2169-0326	Agency:	Baldwin Park City
ID:	4SSO10366	Sanitary Sewer System:	Baldwin Park City CS

General Info | Spill Related Parties | Attachments

Spill - General Information, Screen 2

Certified by Nicholas A. Agbobu (Senior Civil Engineer) on 11/27/2012 at Alhambra
(Certification ID 645024)

Amend

You have 59:59 *minutes to save your report before your session expires.*

Note: Questions with "" are required to be answered for 'Save Work in Progress'.*
Questions with "" are required to be answered for 'Submit Draft'.*
Questions with "" are required to be answered for 'Ready to Certify'.*

Submit Draft On: 11/27/2012

Last Updated By: Nicholas Agbobu

1 - Spill Type: Category 1

Version: 1.2

*2 - Estimate Spill Volumes

a) Estimated spill volume that reached a separate storm drain that flows to a surface water body?	0	gallons
b) Estimated spill volume recovered from the separate storm drain that flows to a surface water body? (Do not include water used for clean-up)	0	gallons
c) Estimated spill volume that reached a drainage channel that flows to a surface water body?	0	gallons
d) Estimated spill volume recovered from a drainage channel that flows to a surface water body?	0	gallons
e) Estimated spill volume discharged directly to a surface water body?	0	gallons
f) Estimated spill volume recovered from surface water body?	0	gallons
g) Estimated spill volume discharged to land? (Includes discharges directly to land, and discharges to a storm drain system or drainage channel that flows to a storm water infiltration/retention structure, field, or other non-surface water location.)	0	gallons
h) Estimated spill volume recovered from the discharge to land? (Do not include water used for clean-up)	0	gallons

Estimated Total spill volume	Estimated Total spill volume	Estimated Total spill volume	Estimated Total spill volume

(a-d+c+e)	(g)	(b+d+f+h)	(a+c+e+g)
100.0		10.0	110.0

*3 - Did the spill discharge to a drainage channel and/or surface water? Yes

*4 - Did the spill reach a storm drainpipe that is not part of a combined sewer system? Yes

If spill reached a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system? No

Physical Location Details

*6 - Spill location name: 2169-0326

*7 - Latitude of spill location: deg. min. sec. OR 34.070074 decimal degrees [Map]

*8 - Longitude of spill location: deg. min. sec. OR -117.9875 decimal degrees [Map]

*9 - County: Los Angeles

*10 - Regional Water Quality Control Board: Region 4 - Los Angeles

11 - Spill location description:
(Use attachment if location description is more than 2000 charaters)
CSMD Mapsheet NO. 2173 Manhole No. 326
MMS No. 4816110

Spill Details

*12 - Number Of appearance points:

*13 - Spill appearance point:
(Hold Ctrl key to Select Multiple answers from the list)
Combined Sewer D.I. (Combined CS Only)
Force Main
Gravity Mainline

*14 - Spill appearance point explanation:
(Required if spill appearance point is "Other" and/or multiple appearance points are selected)

**15 - Final spill destination:
(Hold Ctrl key to Select Multiple answers from the list)
Beach
Building or Structure
Combined Storm Drain (Combined CS only)

16 - Explanation of final spill destination:
(Required if final spill destination is "Other")
Private Drain/San Gabriel Watershed

*17 - Estimated spill start date/time: 11/24/2012 12 : 20 Date Format: MM/DD/YYYY

*18 - Date and time sanitary sewer system agency was notified of or discovered spill: 11/24/2012 12 : 30 Date Format: MM/DD/YYYY

*19 - Estimated Operator arrival date/time: 11/24/2012 14 : 13 Date Format: MM/DD/YYYY

**20 - Estimated spill end date/time: 11/24/2012 14 : 35 Date Format: MM/DD/YYYY

**21 - Spill cause: Grease deposition (FOG)

22 - Spill cause explanation:
(Required if spill Cause is "Other")

24 - Explanation of Where Failure Occurred: (Required if Where Failure Occurred is "Other")	
****25 - Was this spill associated with a storm event?**	
Diameter of sewer pipe at the point of blockage or failure:	inches
27 - Material of sewer pipe at the point of blockage or failure:	
28 - Estimated age of sewer asset at the point of blockage or failure: (months)	
**** 29 - Spill response activities:** (Hold Ctrl key to Select Multiple answers from the list)	Cleaned-Up Mitigated Effects of Spill Contained all or portion of spill
30 - Explanation of spill response activities: (Required if spill response activities is "Other", use attachment if the text is more than 1700 characters)	Upon arrival, placed obsorbent sock around MH 326 and hydroed from trunk line to MH 325 and broke down grease stoppage.
**** 31 - Spill response completion date:**	11/24/2012 15 : 00 Date Format: MM/DD/YYYY
**** 32 - Spill corrective action taken:** (Hold Ctrl key to Select Multiple answers from the list)	Added sewer to preventive maintenance program Adjusted schedule/method of preventive maintenance Enforcement action against FOG source
33 - Explanation of spill corrective action taken: (Required if spill corrective action is "Other")	
**** 34a - Is there an ongoing investigation?**	No
34b - Reason for ongoing investigation?	
35 - Visual inspection results from impacted receiving water:	
****36 - Health warnings posted?**	No
****37 - Did the spill result in a beach closure (If YES, answer questions 38)?**	
****38 - Name of impacted beach(es) (enter NA if None):**	
39 - Name of impacted surface water(s) (enter Un-named Tributary to XXXXX where XXXXX is the name of first named downstream tributary if receiving surface water body is un-named):	Drivate Drain/ San Gabriel River Waterhed.
****40 - Water quality samples analyzed for:** (Hold Ctrl key to Select Multiple answers from the list)	Dissolved oxygen Other chemical indicator(s) - specify below Biological indicator(s) - specify below
41 - Explanation of water quality samples analyzed for: (Required if water quality samples analyzed for is "Other chemical indicator(s)", "Biological indicator(s)", or "Other")	
****42 - Water quality sample results reported to:** (Hold Ctrl key to Select Multiple answers)	County Health Agency Regional Water Quality Control Board

(Required if water quality sample results reported to is "Other")

** 44 - Explanation of volume estimation methods used:
(Describe how you developed spill volume estimates for this spill)

Notification Details

- Cal OES Control Number
(Required for Category 1 - see SSO Monitoring and Reporting Program Requirements): 120784

46 - Cal OES Called Date/Time
(Required for Category 1 - see SSO Monitoring and Reporting Program Requirements): 11/24/2012 13 : 17 Date Format: MM/DD/YYYY

*47(a) - Name and Title (Contact person who can answer specific questions about this SSO)

*47(b) - Contact Person Phone Number

Amend

APPENDIX D
(Intentionally Blank for City Use if needed)