City of Santa Clarita

Sewer System Management Plan

May 2, 2025

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Preface

This Sewer System Management Plan (SSMP) has been prepared pursuant to the requirements of the State Water Resources Control Board (SWRCB) Order No. WQO-2022-0103-DWQ adopted on December 6, 2022, *Statewide Waste Discharge Requirements General Order for Sanitary Sewer Systems* (General Order).

On May 2, 2006, the SWRCB adopted Statewide General Waste Discharge Requirements and Monitoring and Reporting Program (WDRs) by issuing Order No. 2006-0003 (Appendix A). The regulations in Order No. 2006-0003 were born out of growing concern about the water quality impacts of Sanitary Sewer Overflows (SSOs), particularly those that cause beach closures or pose serious health and safety or nuisance problems.

Two major components of the WDRs are:

1) the requirements that owners and operators of publicly-owned collection sewer systems a mile long or greater apply for coverage under the WDRs,
2) and that they develop and implement a Sewer System Management Plan (SSMP).

In accordance with the first element of the WDRs, the City of Santa Clarita (City) filed a Notice of Intent Application form with the SWRCB on October 30, 2006. The City subsequently received a Username and Password for electronic access to the California Integrated Water Quality System (CIWQS) database. Within the database-reporting program, the City completed a "collection system questionnaire" and must continually file all subsequent updates and all required SSO reporting.

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

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

1.0 Goal and Introduction

The goal of the Sewer System Management Plan (SSMP) is to provide a plan and schedule to: (1) properly manage, operate, and maintain all parts of the Enrollee's sanitary sewer system(s), (2) reduce and prevent spills, and (3) contain and mitigate spills that do occur. The SSMP must include a narrative Introduction section that discusses the following items:

1.1. Regulatory Context

The SSMP Introduction section must provide a general description of the local sewer system management program and discuss SSMP implementation and updates.

1.2. Sewer System Management Plan Update Schedule

The SSMP Introduction section must include a schedule for the Enrollee to update the SSMP, including the schedule for conducting internal audits. The schedule must include milestones for incorporation of activities addressing the prevention of sewer spills.

1.3. Sewer System Asset Overview

The SSMP Introduction section must provide a description of the Enrollee-owned assets and service area, including but not limited to:

- *Location, including county(ies);*
- *Service area boundary;*
- *Population and community served;*
- *System size, including total length in miles, length of gravity mainlines, length of pressurized (force) mains, and number of pump stations and siphons;*
- *Structures diverting stormwater to the sewer system;*
- *Data management systems;*
- *Sewer system ownership and operation responsibilities between Enrollee and private entities for upper and lower sewer laterals;*
- *Estimated number or percent of residential, commercial, and industrial service connections; and*
- *Unique service boundary conditions and challenge.*

Additionally, the SSMP Introduction section must provide reference to the Enrollee's up-to-date map of its sanitary sewer system, as required in section 4.1 (Updated Map of Sanitary Sewer System) of this Attachment.

1.1 Regulatory Context

This SSMP has been prepared by the Public Works Department of the City. The SSMP is a compendium of the policies, procedures, and activities that are included in the planning, management, operation, and maintenance of the City's sanitary sewer system.

In 2006, the SWRCB issued statewide waste discharge requirements for sanitary sewer systems, which included requirements for the development of an SSMP. The SWRCB's requirements were updated and reissued as WQO 2022- DWQ, adopted on December 6, 2022.

This SSMP is intended to update the City's existing SSMP, in continued compliance with the General Order.

1.2 Sewer System Management Plan Update Schedule

The State Water Board's SSMP Update website lists the following due dates:

- SSMP Update: May 2, 2025
- SSMP Audit: November 2, 2024

1.3 Sewer System Asset Overview

The City's Public Works Department manages the sanitary sewer collection system, which serves a population of approximately 230,428 residents and consists of about 499.6 miles of gravity sewer lines and a total of 3 pump stations. The City's local sewers discharge into the Sanitation Districts of Los Angeles County facilities for conveyance, treatment, and disposal. The City utilizes the CSMD for field operations and maintenance functions. The County of Los Angeles Districts are made up of the Marina Sewer Maintenance District (MSMD), the CSMD, and its nine zones. The field operation and maintenance functions are provided by the CSMD, which is managed by Los Angeles County Public Works (LACPW).

Figure 1.1: Contains a map of the City's sewer facilities.

Table 1.1: Gravity Sewer System Size Distribution

Table 1.2: Provides the installation age distribution of the City's collection system as reported in the California Integrated Water Quality System *(*CIWQS*)*.

CIWQS Identification
The following designations are used in CIWQS to identify the City and its collection system:

Agency: Santa Clarita City
WDID: 4SSO10429
Collection System: Santa Clarita City CS

1.4 Definitions and Abbreviations

The following are acronyms and abbreviations used in this SSMP and associated documents:

Accumulative Capital Outlay (ACO)

Asset Inventory Management Systems (AIMS) – see CMMS

Best Management Practices (BMP)

Refers to the procedures employed in commercial kitchens to minimize the quantity of grease that is discharged to the sanitary sewer system. Examples include scraping food scraps into a garbage can and dry wiping dishes and utensils prior to washing.

Building Services Division (BSD)

Computer-Aided Design and Drafting (CAD)

California Division of Occupational Safety and Health (CALOSHA)

Condition Assessment Program (CAP)

Calendar Year (CY)

California Integrated Water Quality System (CIWQS)

Refers to the SWRCB online electronic reporting system that is used to report and certify sewer spills, certify completion of the SSMP, and provide information on the sanitary sewer system.

Capital Improvement Plan (CIP)

Refers to the document that identifies future capital improvements to the City's sanitary sewer system.

Cast Iron Pipe (CIP)

Cured-in-Place Pipe (CIPP)

Community and Government Relations Group (CGRG)

City

Refers to the City of Santa Clarita.

Closed Circuit Television (CCTV)

Refers to the process and equipment that is used to internally inspect the condition of gravity sewers. CCTV videos are typically recorded on electronic media.

Computerized Maintenance Management System (CMMS)

Refers to a database application used to manage and document maintenance activities of a collection system. The City currently uses the Asset Inventory Management System (AIMS) system.

Corrugated Pipe (CP)

Collection System (CS)

California Water Environment Association(CWEA)

Consolidated Sewer Maintenance Division (CSMD)

Ductile Iron Pipe (DIP)

Enrollee:

A public, private or other non-governmental agency that has obtained coverage under the General Order. In the context of this SSMP, the enrollee is the City. The term is used extensively in the General Order.

Environmental Programs Division (EPD)

Fats, Oils, and Grease (FOG)

Refers to fats, oils, and grease typically associated with food preparation and cooking activities that can cause blockages in the sanitary sewer system.

Fats, Roots, Oils, and Grease (FROG)

Feet per sec (fps)

First Responder

Refers to the field crew or the on-call personnel who are the City's initial response to a spill event or other sewer system event.

Fiscal Year (FY)

Food Service Establishment (FSE)

Refers to commercial or industrial facilities where food is handled/prepared/served that discharge to the sanitary sewer system.

General Order

Refers to SWRCB Order 2022-0013-DWQ, *Statewide Waste Discharge Requirements – General Order for Sanitary Sewer Systems*. The term General Order is also used throughout Order 2022-0013-DWQ in referring to itself.

Grease Interceptor (GI)

Geographical Information System (GIS)

Refers to the system that is used to capture, store, analyze, and manage geospatial data associated with the City's sanitary sewer system assets.

Global Positioning System (GPS) Device

Refers to the handheld unit that can be used to determine the longitude and latitude of sanitary sewer overflows for use in meeting CIWQS reporting requirements. It can also be used to geolocate assets for the GIS.

Grease Removal Devices (GRDs)

Refers to grease traps and grease interceptors that are installed to remove FOG from the wastewater flow at food service establishments.

High-Density Polyethylene (HDPE)

International Brotherhood of Electrical Workers (IBEW)

Infiltration/Inflow (I/I)

Refers to water that enters the sanitary sewer system from stormwater and/or groundwater.

- Infiltration enters through defects in the sanitary sewer system after flowing through the soil.
- Inflow enters the sanitary sewer without flowing through the soil. Typical points of inflow are holes in manhole lids and direct connections to the sanitary sewer (e.g. storm drains, area drains, and roof leaders).

Industrial Waste Disposal Permit (IWDP)

Los Angeles County Ordinance (LACO)

Lateral

Refers to the piping that conveys sewage from a building to the City's sewer main. The distinction is sometimes made between the upper lateral (from building to property line) and the lower lateral (from property line to the sewer main).

Legally Responsible Official (LRO)

Refers to the individual(s) designated by the City with authority to ensure the enrolled sanitary sewer system(s) complies with this Order, and who is authorized to serve as the City's duly authorized representative. The LRO must be formally designated and registered with the SWRCB, with an assigned username and password. Both data submitters and LROs can submit spill reports in CIWQS, but only LROs can certify reports. Refer to Section 5.1 f the General Order for a full description of required LRO qualifications and responsibilities.

Los Angeles County Public Works (LACPW)

Los Angeles County Sanitation District (LACSD)

Land Development Division (LDD)

Maintenance Management System (MMS)

Marine Sewer Maintenance Division (MCSMD)

Manhole (M/H)

Refers to an engineered structure that is intended to provide access to a sanitary sewer for maintenance and inspection.

Million Gallons per Day (MGD)

Mainline Sewer

Refers to the City wastewater collection system piping that is not a private lateral connection to a user. Also referred to as a sewer main.

Monitoring and Reporting Program (MRP)

Refers to the Monitoring and Reporting Program section of the General Order.

National Association of Sewer Service Companies (NASSCO)

Notice of Correction (NOC)

Nuisance

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

- It 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.
- 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.
- Occurs during, or as a result of, the treatment or disposal of wastes.

Office of Emergency Services (OES)

Refers to the California State Office of Emergency Services.

Operations and Maintenance (O&M)

Pipeline Assessment and Certification Program (PACP)

Refers to the NASSCO certification program that is used for the evaluation and condition assessment of sewer lines and appurtenances from closed-circuit televising of the lines and appurtenances.

Publicly Owned Treatment Works (POTW) – see WPCP below

Preventative Maintenance (PM)

Refers to maintenance activities intended to prevent failures of the sanitary sewer system facilities (e.g. cleaning, CCTV, repair).

Project Management Division (PMD)

Private Sewer Lateral (PSL)

That portion of a private property's building sewer is defined by the plumbing code, and is further defined as the piping of a drainage system that extends from the end of the building drain to the public sewer, which includes the connection to the public sewer unless there is a clean-out in the sidewalk or within two and a half feet of the property line. In this case, the property owner is responsible for the lateral from the building drain to the clean-out only. The General Order also uses the term "Privately Owned Sewer Lateral" in referring to a PSL.

Private Lateral Sewage Discharges (PLSD)

Sewage discharges that are caused by blockages or other problems within a privately owned lateral.

Property Damage Overflow

Refers to a sewer overflow or backup that damages a property owner's premises.

Public Works (PW)

Pump Station

A facility that pumps sewage into a sanitary sewer force main or gravity main. Pump stations that discharge to gravity mains are also referred to as Lift Stations.

Regional Water Quality Control Board (RWQCB or Regional Water Board)

Refers to the San Francisco Bay Regional Water Quality Control Board, a part of the State Water Resources Control Board.

Sanitary Sewer Backup (Backup)

A wastewater backup into a building and/or on private property caused by blockages or flow conditions within the publicly owned portion of a sanitary sewer system.

Sanitary Sewer System or Sewer System

Refers to the sanitary sewer facilities that are owned and operated by the City of Santa Clarita and include main line sewers, manholes, pump stations, force mains and certain lower laterals and any other appurtenances in the publicly owned sewer system.

Sensitive Areas

Refers to areas where an SSO could result in a fish kill or pose an imminent or substantial danger to human health.

Sewer Maintenance District (CSMD)

Sewer Service Lateral

Refers to the piping that conveys sewage from the building to the City's wastewater collection system or to the property line clean-out.

Sewer System Management Plan (SSMP)

Spill

A discharge of sewage from any portion of a sanitary sewer system due to a sanitary sewer system overflow, operational failure, and/or infrastructure failure. Exfiltration of sewage is not considered to be a spill under this General Order if the exfiltrated sewage remains in the subsurface and does not reach a surface water of the State. For reporting purposes, spills are grouped into one of the following four categories (definitions from General Order):

Category 1:

A Category 1 spill is a spill of any volume of sewage from or caused by a sanitary sewer system regulated under the General Order that results in a discharge to:

- A surface water, including a surface water body that contains no flow or volume of water; or
- A drainage conveyance system that discharges to surface waters when the sewage is not fully captured and returned to the sanitary sewer system or disposed of properly.

Any spill volume not recovered from a drainage conveyance system is considered a discharge to surface water, unless the drainage conveyance system discharges to a dedicated stormwater infiltration basin or facility.

A spill from a City-owned and/or operated lateral that discharges to a surface water is a Category 1 spill;

Category 2:

A Category 2 spill is a spill of 1,000 gallons or greater, from or caused by a sanitary sewer system regulated under this General Order that does not discharge to a surface water.

A spill of 1,000 gallons or greater that spills out of a lateral and is caused by a failure or blockage in the sanitary sewer system, is a Category 2 spill.

Category 3:

A Category 3 spill is a spill of equal to or greater than 50 gallons and less than 1,000 gallons, from or caused by a sanitary sewer system regulated under this General Order that does not discharge to a surface water.

A spill of equal to or greater than 50 gallons and less than 1,000 gallons, that spills out of a lateral and is caused by a failure or blockage in the sanitary sewer system is a Category 3 spill.

Category 4:

A Category 4 spill is a spill of less than 50 gallons, from or caused by a sanitary sewer system regulated under this General Order that does not discharge to a surface water.

A spill of less than 50 gallons that spills out of a lateral and is caused by a failure or blockage in the sanitary sewer system is a Category 4 spill.

Spills that include multiple appearance points resulting from a single cause are considered a single spill for documentation and reporting purposes in CIWQS.

Wastewater backups into buildings caused by a blockage or other malfunction of a building lateral that is privately owned are not considered failures of the City's sewer system and do not require reporting by the City.

Note: The previous General Order used the term "Sanitary Sewer Overflow" (SSO) to describe releases from the sewer system. The term is not used in the current General Order but appears in historic documents and on the SWRCB's website.

Sanitary Sewer Overflow (SSO)

Spill Emergency Response Plan (SERP)

A Plan that describes actions taken by the City in response to a spill, notification and reporting requirements, and other related items. The SERP is required as Element 6 of this SSMP.

Spill Report

Refers to sewer spill report submitted through the SWRCB's CIWQS database.

Standard Operating Procedures (SOP)

Refers to written procedures that pertain to specific activities employed in the operation and maintenance of the Sanitary Sewer System.

Standard Specifications

Refers to the latest edition of Standard Specifications published by the City of Santa Clarita.

State Water Board

Refers to the California Environmental Protection Agency (Cal EPA) SWRCB. The SWRCB is the parent agency of the Regional Water Board and is the agency that issued the General Order. The General Order uses the term "State Water Board" when referring to the SWRCB. That same convention is used in this SSMP.

Supervisory Control and Data Acquisition (SCADA)

Refers to the electronic system used by the City to monitor the performance of its pump stations and to notify the operating staff when there is a condition that requires attention.

Untreated or Partially Treated Wastewater

Any volume of waste discharged from the sanitary sewer system upstream of a wastewater treatment plant headworks.

Utility and Operations Division (U&O)

Vitrified Clay Pipe (VCP)

Waste Discharge Identification Number (WDID)

State of California Waste Discharge Identification Number for reporting spills and other required information required by the General Order.

Waste Discharge Requirements (WDR)

Refers to an order regulating the discharge of wastes issued under the authority of the California Water Code. WDRs are issued by both the SWRCB and Regional Water Boards and

may apply to individual dischargers or groups of dischargers, in which case the WDR is typically referred to as General or Statewide Orders. General Order No. 2022-0103-DWQ is a WDR.

Water Body

Any stream, creek, river, pond, impoundment, lagoon, wetland, or bay.

Water of the State

Refers to "any surface water or groundwater, including saline waters, within the boundaries of the state." (California Water Code § 13050(e)).

Water of the United States or Surface Waters

Refers to the Environmental Protection Agency definition included in the Clean Water Act Part 230.3 Definitions.

Water Pollution Control Plan (WPCP)

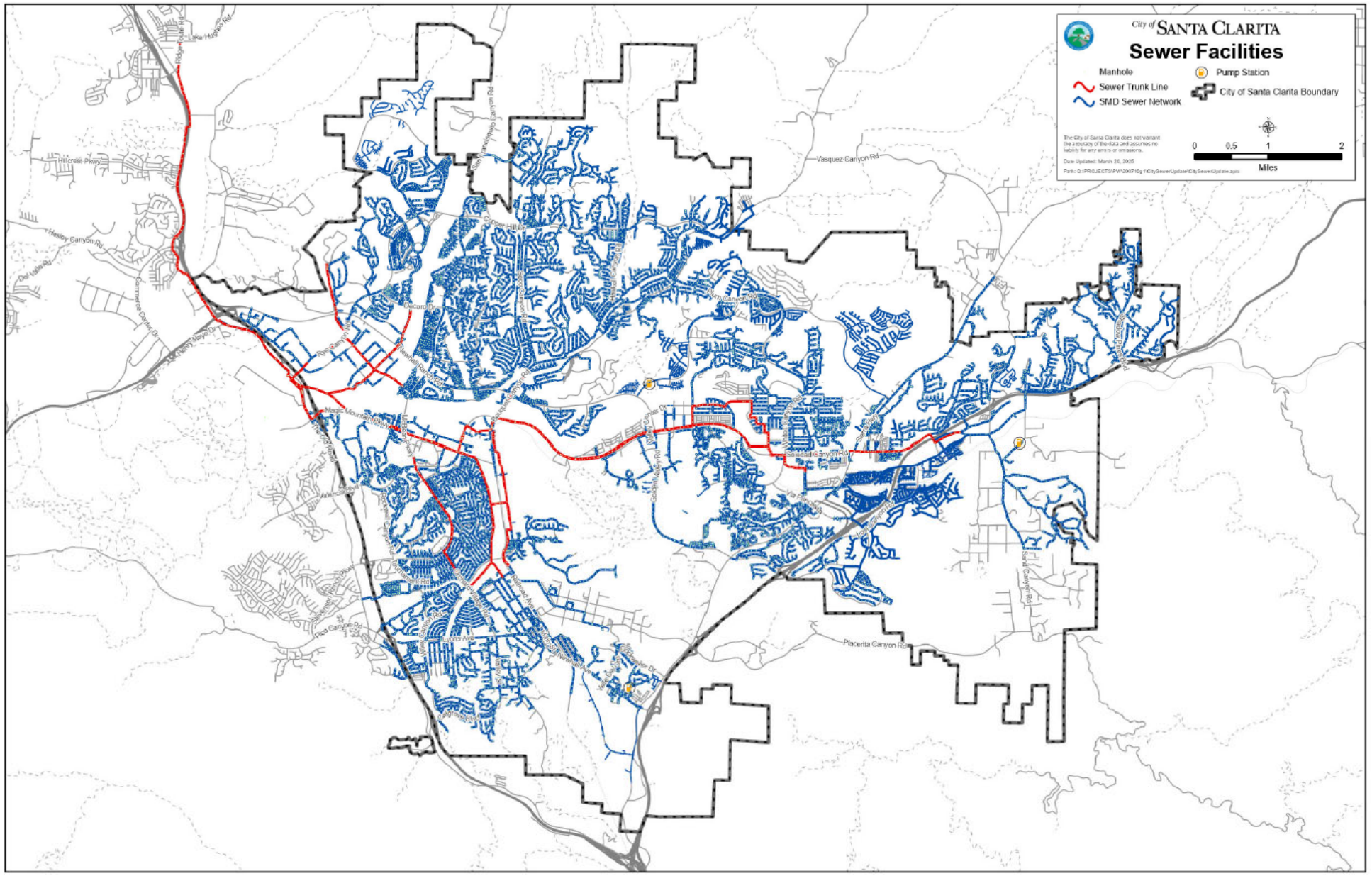


Figure 1.1 Santa Clarita Sewer Facilities Map

Table 1.1: Gravity Sewer System Size Distribution

Diameter inches	Pipe Length, miles	Portion of Sewer System, %
6 or less	0	0
8	430	86
9-18	0.026	13
19-36	0.002	1
Total	**499.6**	**100**

Table 1.3: Inventory of Sewer Lines (Gravity and Force Mains) by Pipe Age

Age, Years	Construction Period	Approx Miles of Main	Percent of System
0-5	2020-Present	15	3
21 - 40	2000 - 2019	70	14
41 – 60	1980– 1999	160	32
61 – 80	1960 – 1979	255	51
66 – 85	1940 – 1959	0	0
86 - 105	1920 – 1939	0	0
106 - 125	1900 – 1919	0	0
Approx Total Miles 500.2			100

* Source: CIWQS 2024 Annual Report

2.0 Organization

The SSMP must identify organizational staffing responsible and integral for implementing the local SSMP through an organizational chart or similar narrative documentation that includes:

- *The name of the Legally Responsible Official (LRO) as required in section 5.1 (Designation of a Legally Responsible Official) of this General Order;*
- *Position title, telephone numbers, and email address for each management, administrative, and maintenance positions responsible for implementing specific SSMP elements;*
- *Organizational lines of authority; and*
- *Chain of communication for reporting spills from receipt of complaint or other information, including the person responsible for reporting spills to the SWRCB and other agencies, as applicable. (For example, county health officer, county environmental health agency, and State Office of Emergency Services.)*

2.1 Name of Legally Responsible Official (LRO)

The City's current LRO is listed below. The LRO meets the requirements described in Section 5.1 of the General Order. Contact information is provided in Section 2.3 of this SSMP.

2.2 Organization Chart

The City's organization chart is presented in Figure 2.1 on page 17. The the roles and responsibilities of key personnel relative to the wastewater collection system as shown on Table 2.2 on page 18.

2.3 Contact Information

Contact information for key City personnel involved in the SSMP implementation are provided below.

Table 2.1 City Personnel Involved in SSMP Implementation

Position	Name	Phone Number	Emails
Director of Public Works	Mike Hennawy	(661) 286-4056	MHENNAWY@santa-clarita.com
City Engineer	Damon Letz	(661) 255-4982	DLETZ@santa-clarita.com
Assistant City Engineer (LRO)	Amalia Marreh	(661) 255-4363	AMARREH@santa-clarita.com
General Services Manager	Cruz Caldera	(661) 294-2519	CCALDERA@santa-clarita.com
Environmental Services Manager	Darin Seegmiller	(661) 255-4930	DSEEGMILLER@santa-clarita.com
Senior Engineer	Raymond Messih	(661)-255-4914	RMESSIH@santa-clarita.com
Environmental Field Specialist	Tyrone Jackson	(661) 286-4158	TJACKSON@santa-clarita.com

2.4 Description of CSMD Responsibilities

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

- Board of Supervisors – Responsible for establishing new and amending existing laws governing the operations of the CSMD and approving all CSMD contracts and agreements.
- Director of Public Works – Establishes CSMD policy within the scope of the Board of Supervisors' policy and legal requirements, directs its execution, and evaluates work accomplished by CSMD. Directs the development and enactment of new ordinances and directs the enforcement of plumbing codes involving illegal connections, upkeep of sewer house laterals, and the design and construction of new and rehabilitation of existing sewer collection systems.
- Chief Deputy Director of Public Works – Assists in establishing CSMD policy within the scope of the Board of Supervisors' policy and legal requirements, in directing its execution, and in evaluating work accomplished by CSMD. Reports to and can act on behalf of the Director of Public Works.
- Deputy Director – Responsible for formulating CSMD policies and procedures. Directs emergency sewer repair activities, special studies, investigations, and reports concerning CSMD sewer infrastructure, claims, and litigations against the CSMD. Reports to and can act on behalf of the Chief Deputy Director of Public Works.
- Assistant Deputy Director – Assists in the formulation of CSMD policies and procedures. Directs studies, investigations, the preparation of reports, budget, and contractual agreements with private firms for CSMD. Responsible for the day-to-day management and operation of the CSMD. Reports to and can act on behalf of the Deputy Director.
- Principal Engineer – Assists the Assistant Deputy Director in directing engineering and management activities relating to the maintenance of the sewer collection system. Reports to and can act on behalf of the Assistant Deputy Director.
- Senior Civil Engineer – Has oversight of office engineering, clerical, and field operation and maintenance staff. Reports to and can act on behalf of the Principal Engineer.
- Regional Sewer Maintenance Superintendent – Responsible for the operation and maintenance activities of the sewer collection systems at specific field yards, with the exception of pump stations, for the CSMD. Reports to a Senior Civil Engineer.
- Sewer Maintenance Supervisor – Responsible for the oversight of the sewer field maintenance personnel including the construction crews, gravity sewer system operations, maintenance crews, etc. Reports to a Regional Sewer Maintenance Superintendent.

- Public Works Crew Leader – Responsible for assigning work and has oversight for the activities of a crew of at least two field personnel. Reports to the Sewer Maintenance Supervisor.

- Field Crews – These include the Public Works Maintenance Workers responsible for maintenance activities of the sanitary sewer collection system, including response to SSOs, sewer cleaning, construction, and other activities as needed. Reports to a Crew Leader.

- Electro-Mechanic Supervisor – Responsible for the operation and maintenance of the CSMD pump stations and force mains. Reports to a Senior Civil Engineer in charge of field pump station operations.

- Electro-Mechanic Working Supervisor – Responsible for operation and maintenance activities of pump stations. Has oversight of lower level Electro-Mechanics and their staff. Reports to an Electro- Mechanic Supervisor.

- Electro-Mechanic/Assistant Electro-Mechanic/Helper, Electrical – Crews of two. Responsible for carrying out the operation and maintenance activities of the CSMD pump stations and force mains.

- Office and Administrative Assistants – Assist with the preparation of the CSMD budget, board letters, and other correspondence. Responsible for the sewer service charge direct assessments.

2.5 Key Support Divisions Within the City

Divisions outside the Public Works Department but within the City of Santa Clarita will continue to be responsible for carrying out some of the compliance actions called for by the WDRs. The key support divisions and their responsibilities are described below:

- Santa Clarita City Council – Responsible for establishing new and amending ordinances concerning operations of the City's Public Works Department and approving all Santa Clarita contracts and agreements.

- 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 the execution and evaluation of work accomplished within its areas of responsibility including the SO&M program. Also directs the planning, budgeting, and design for construction of new sewer collection systems and rehabilitation of existing sewer collection systems. Facilitates all sewer collection system operation and maintenance activities through the contract with LACPW as the City’s representative in the CSMD. Responsible for day-to-day management and operation oversight of the City’s sewer collection system, including nine sewer pump stations plus one privately owned sewer pump station.

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.

- Building and Safety Division – Responsible for issuing permits for sewer connection and for the enforcement of Plumbing Codes involving proper connection, maintenance of sewer house laterals, and illegal discharges into public sewers.
- General Services Division – Responsible for investigation of illicit discharge of sewage, chemicals, and debris into the street or storm drain system. Responds to sanitary sewer overflow incidents, coordinates with CSMD field personnel, and assists with setting up needed traffic control measures,
- Engineering Services Division – Responsible for reviewing development plans to ensure compliance with current sewer standards for construction of new sewer collection systems, or adding to existing sewer systems. Plan checks sewer capacity studies to size proposed sewer lines and sets requirements to ensure adequate capacity in existing systems.

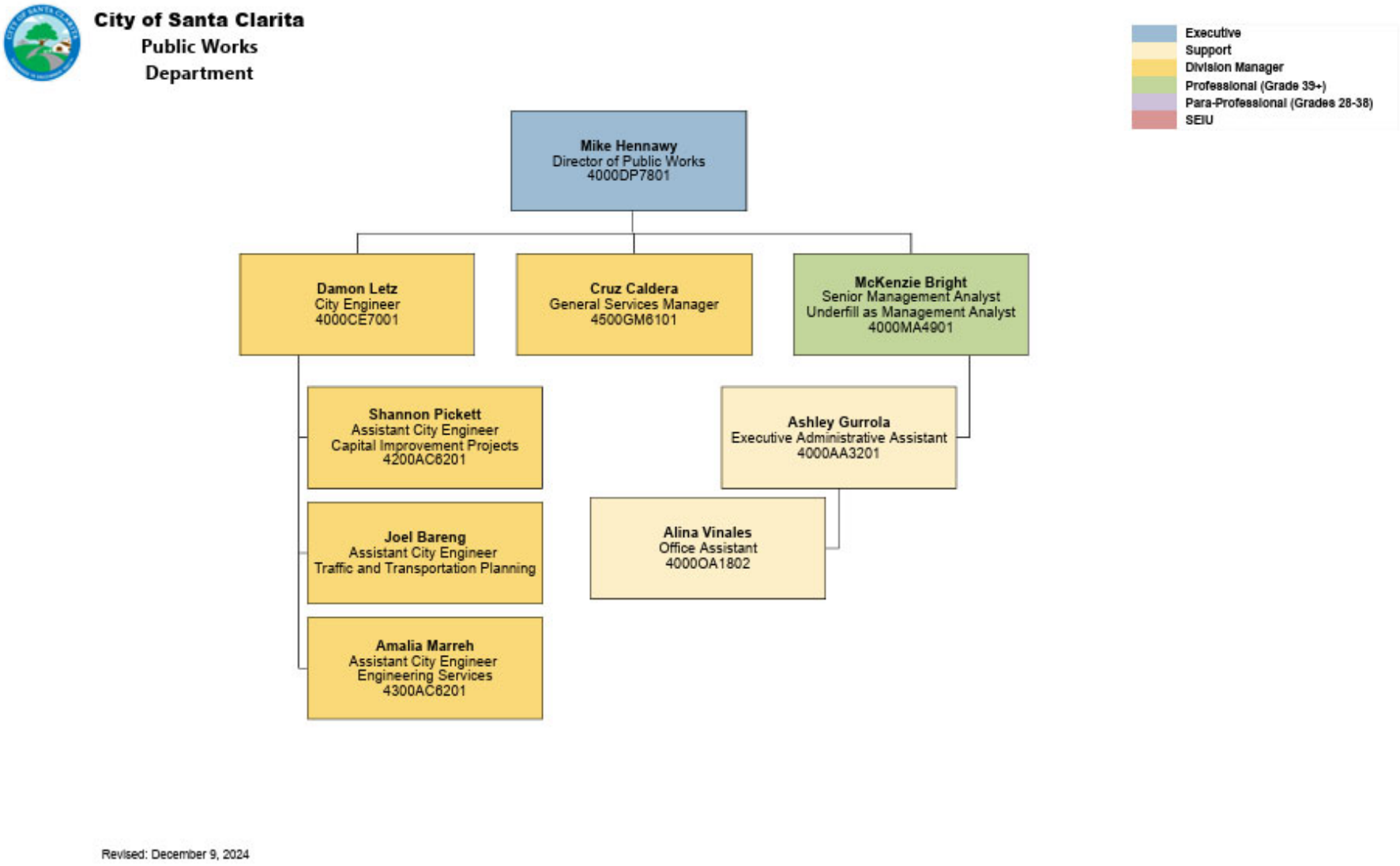
2.6 Chain of Communication for SSO Reporting

The chain of communication for reporting SSOs, from receipt of a complaint or other information to reporting to appropriate regulatory agencies, is presented in Section 2.7. The Spill Emergency Response Plan will be discussed in more detail in Chapter 6 of this document.

2.7 Spill Reporting Chain of Communication

The City's Spill Emergency Response Plan, described in Chapter 6, includes procedures for effective communication and reporting of spills from receipt of complaint, including the person responsible for reporting spills into the State Water Board's CIWQS database. The Spill Emergency Response Plan includes a flowchart and notification table providing clear step-by-step procedures for communication and reporting. Figure 2.4 & 2.5 summarizes the spill reporting chain of communication.

Figure 2.1: Santa Clarita Public Works Department Organization Chart



Positions Responsible for Implementing Specific SSMP Elements

A list of positions responsible for implementing specific SSMP elements is provided in Table 2.2. Additionally, Appendix B contains a list of staff responsible for implementing specific SSMP elements, including position, telephone number, and email address.

Table 2.2: Positions Responsible for SSMP

SSMP Element	Responsible Org. Unit	Responsible Position
1. Introduction and Goal	City of Santa Clarita	Assistant City Engineer
2. Organization	City of Santa Clarita/CSMD	Division Manager
3. Legal Authorities	City of Santa Clarita	Assistant City Engineer
4. Operation and Maintenance Program - Pipelines	Sewer Maintenance Division	Senior Civil Engineer, Pipelines
4. Operation and Maintenance Program – Pump Stations	Sewer Maintenance Division	Senior Civil Engineer, Treatment Plants and Pump Stations
5. Design and Performance Provisions - Design	City of Santa Clarita	Assistant City Engineer
5. Design and Performance Provisions – Design - Construction	City of Santa Clarita	Assistant City Engineer
6. Spill Emergency Response Plan	Sewer Maintenance Division	Senior Civil Engineer, Pipelines
7. Sewer Pipe Blockage Control Program	Environmental Programs Division	Division Manager
8. System Evaluation, Capacity Assurance and Capital Improvements – Condition Assessment and Prioritization of Corrective Actions	City of Santa Clarita	Assistant City Engineer
8. System Evaluation, Capacity Assurance and Capital Improvements – Capacity Assurance	City of Santa Clarita	Assistant City Engineer
8. System Evaluation, Capacity Assurance and Capital Improvements – Capital Improvement Plan	City of Santa Clarita	Assistant City Engineer
9. Monitoring, Measurement and Program Modifications	Sewer Maintenance Division	Division Manager
10. Internal Audit	City of Santa Clarita	Assistant City Engineer
11. Communication Program	City of Santa Clarita	Assistant City Engineer

Figure 2.2 and Figure 2.3 includes an SSMP Program Implementation organization chart showing the lines of authority for positions responsible for the management of the collection system and implementation of the SSMP.

Figure 2.2: County Organizational Chart

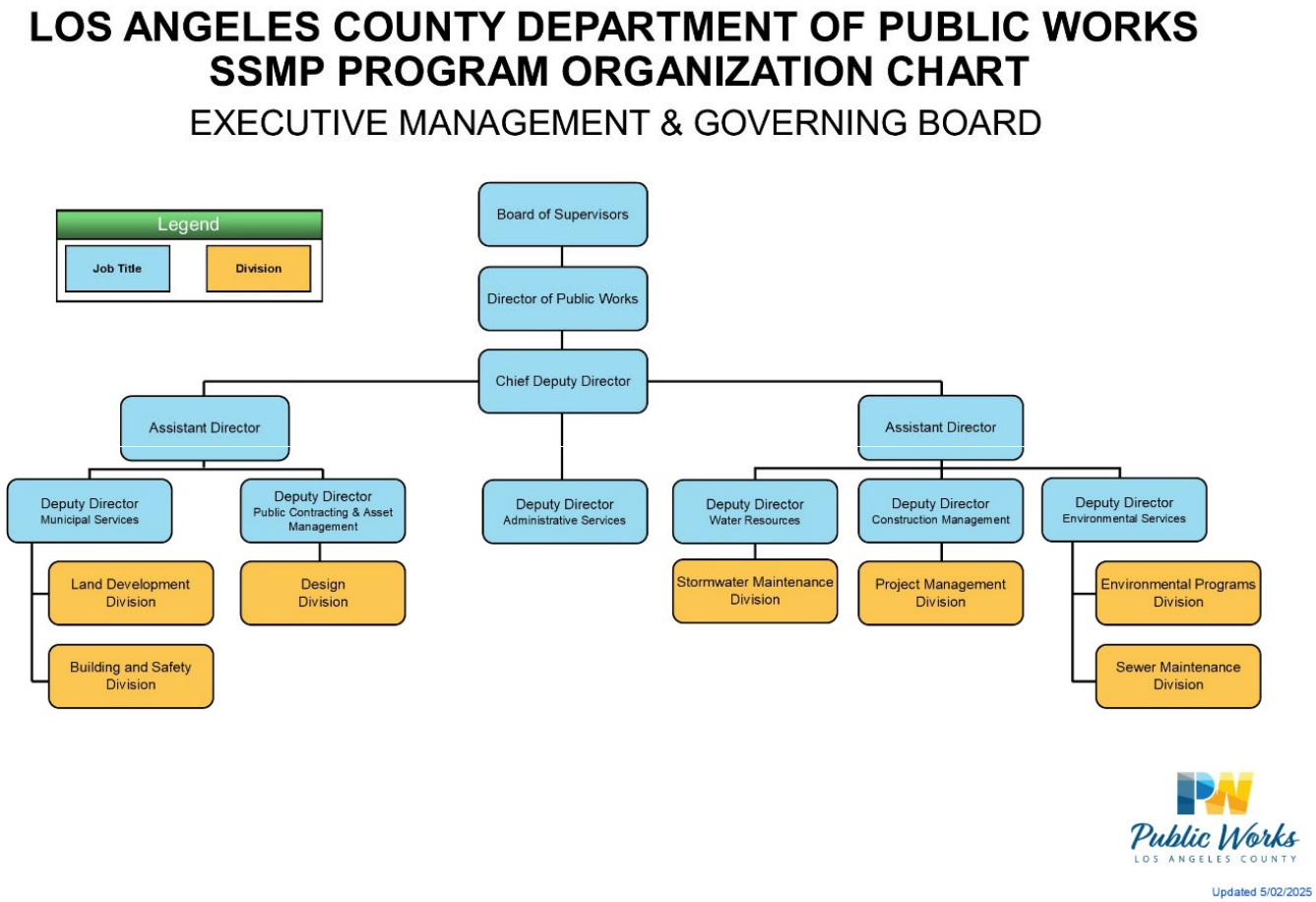


Figure 2.3: CSMD Organizational Chart

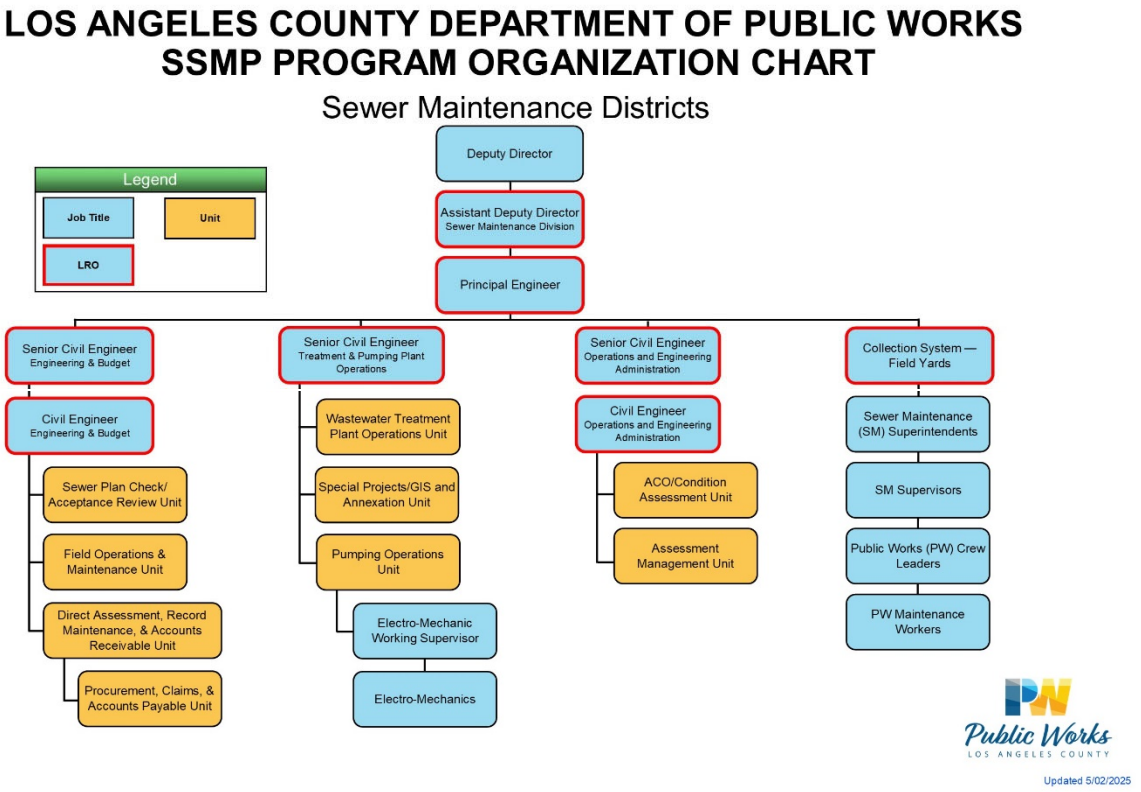
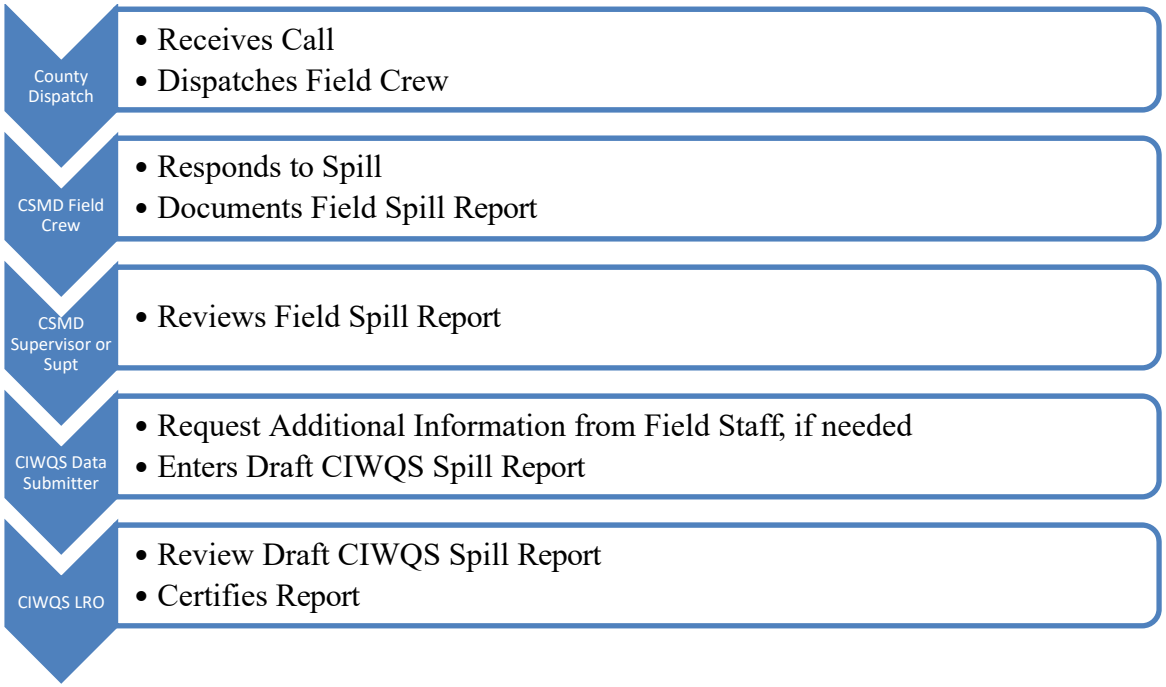
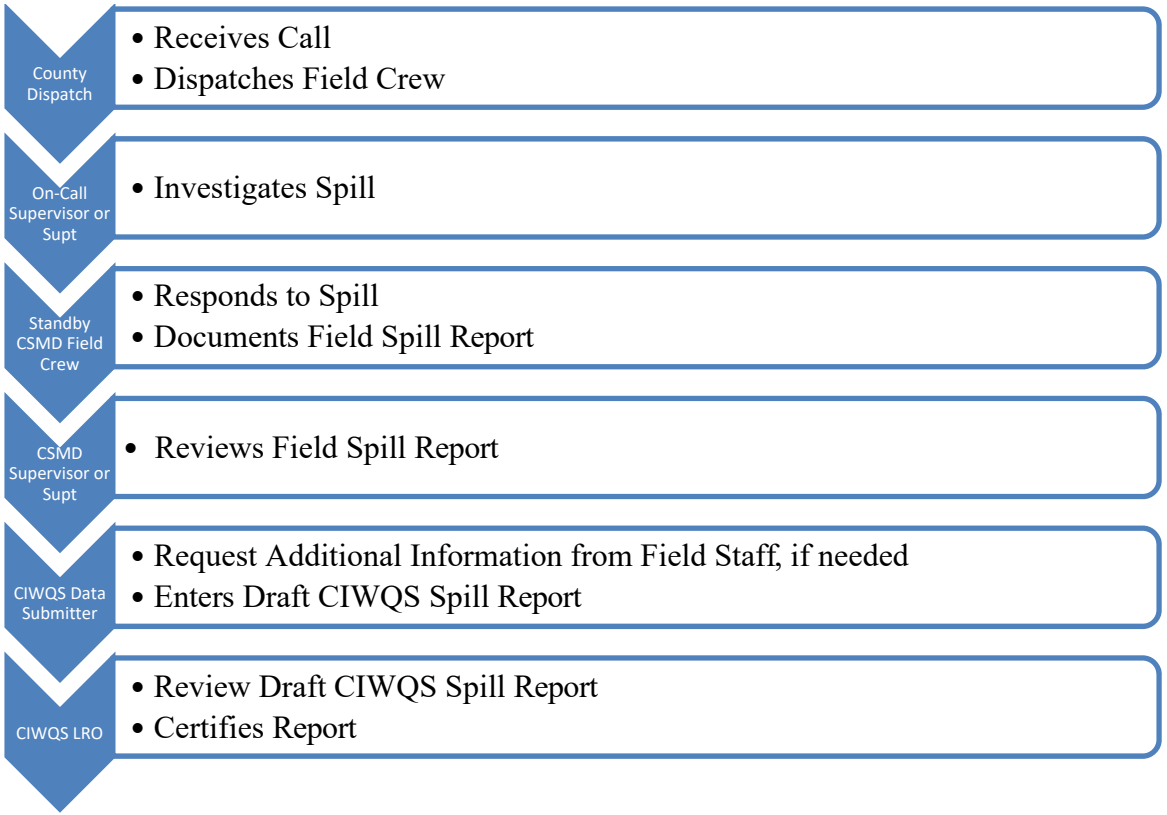


Figure 2.4: Spill Reporting Chain of Communication – Normal Business Hours



*Normal Business hours are Monday through Friday from 6:30 a.m. to 5:00 p.m.

Figure 2.5: Spill Reporting Chain of Communication – After Hours



*After Hours are any hours that are not Normal Business Hours.

3.0 Legal Authority

The SSMP must include copies or an electronic link to the Enrollee's current sewer system use ordinances, service agreements and/or other legally binding procedures to demonstrate the Enrollee possesses the necessary legal authority to:

- *Prevent illicit discharges into its sanitary sewer system from inflow and infiltration (I&I); unauthorized stormwater; chemical dumping; unauthorized debris; roots; fats, oils, and grease; and trash, including rags and other debris that may cause blockages;*
- *Collaborate with storm sewer agencies to coordinate emergency spill responses, ensure access to storm sewer systems during spill events, and prevent unintentional cross connections of sanitary sewer infrastructure to storm sewer infrastructure;*
- *Require that sewer system components and connections be properly designed and constructed;*
- *Ensure access for maintenance, inspection, and/or repairs for portions of the service lateral owned and/or operated by the Enrollee;*
- *Enforce any violation of its sewer ordinances, service agreements, or other legally binding procedures; and*
- *Obtain easement accessibility agreements for locations requiring sewer system operations and maintenance, as applicable.*

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. On February 14, 1989, the City granted the County of Los Angeles consent and jurisdiction to annex portions of the City's sewer system into the CSMD. By that action, the City entrusted the management, operation, and maintenance of its local sanitary sewer system to the CSMD. The City, however, still remains ownership of the sewer system.

In compliance with the WDRs, 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 (CMCs). The legal authorities for the specific areas stipulated in the WDRs are covered in various sections of the CMCs and Chapters 20.20, 20.24, 20.26, 20.32, 20.34, 20.36, and 20.40 of the Los Angeles County Code Title 20 – Utilities (LACO TITLE 20) and in the Santa Clarita Municipal Code Chapter 15.20 Link covering Sanitary Sewers and Industrial Waste. Specific sections are discussed below.

3.1.1 Legal Authority to Prevent Illicit Discharges into the Sanitary System

In accordance with the CMCs, the City adopted the 2019 Edition of the California Plumbing Code (CPC) also per Title 15, Section 15.20.010, the City adopted the latest Edition of LACO TITLE 20, which regulates sanitary sewers and industrial waste in the County as its Sanitary Sewer and Industrial Waste Use Ordinance. LACO Code, Section 20.36.010, prohibits the illegal dumping of offensive or damaging

substances such as chemicals, debris, etc. Other sections of the LACO Code that prohibit various forms of illicit discharges are 20.24.020, 20.24.200, 20.32.080, 20.32.650, etc. As one of the CSMD cities, the City benefits from the CSMD Infiltration/Inflow (I/I) Control Program. This program consists of sewer line cleaning and maintenance, which includes CCTV and other mechanisms to detect I/I. By ordinance, LACO Code, Section 20.40.045, the County of Los Angeles Board of Supervisors has established a financial plan to ensure capital replacement or rehabilitation of sewer lines prone to I/I within the CSMD. LACO Code, 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 Sections 20.32.330 and 20.32.340 adopted by the City require that the design of new mainline sewers and pumping plants, respectively, be in conformity with requirements of Part 3 of Chapter 20.32 of the Code. Similarly, Section 20.32.350 of the LACO Code requires that the design of new house laterals conform to the requirements of Part 3, Chapter 20.32 of the Code unless otherwise covered by the LACO Plumbing Code, Title 28. The construction of a collection sewer system, by law (LACO Code 20.32.580), is required to conform to all the requirements prescribed by Division 2 of the LACO Code, by the Standard Specifications for Public Works Construction (GreenBook), and by the Special Provisions and Standard Plans, all on file in the office of the Director of Public Works (County Engineer). The inspection and construction of mainline sewers and pumping plants to ensure proper construction is covered under Section 20.32.590 of the LACO Code. The construction of house laterals is covered under the LACO Plumbing Code.

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

Title 20, Division 2 of the LACO Code gives DPW the legal right to set requirements that allow unrestricted maintenance access to the public sewer infrastructure. This access is secured through the DPW’s unwavering enforcement of the requirement for sewer easements around all public sewer appurtenances located in private properties. These easements are detailed by the designer on the sewer construction plans and are reviewed through the iterative plan check process. Plan checkers take special care to ensure that maintenance crews will have room for access and equipment usage for both routine maintenance and replacement or repair construction as necessary. The Title 20 requirements to leave these easements free of obstruction are also reiterated on all sewer plans that contain easements and the potential for conflict or restriction of access is reviewed thoroughly during plan check.

3.1.4 Legal Authority Limiting the Discharge of Fats, Oil, and Grease and other Debris that may Cause Blockage

The City Director of Public Works under CPC and the LACO Plumbing Code, Title 28, has the legal authority to require the installation of grease interceptors at restaurants and other food establishments that generate grease. Section 20.36.560 of LACO Code also gives the Director of Public Works the authority to require the installation of treatment facilities, including grease interceptors, at any facility that generates fats, oils, and grease (FOG) in the amount that will damage or increase the maintenance costs of the sewer collection system.

The LACO Code Section 20.24.090 gives the Director of Public Works the legal authority to inspect mainline sewers, sewage pumping plants, interceptors, etc., as often as deemed necessary, to ascertain whether such facilities are maintained and operated in accordance with the provisions of Division 2 of the LACO Code. Section 20.36.400 of the LACO 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 sewer system.

3.1.5 Legal Authority to Enforce any Violation of Sewer Ordinances

LACO TITLE 20, Section 20.24.090, gives the Director of Public Works/City Engineer the legal authority to inspect mainline sewers, sewage pumping plants, interceptors, etc., as often as deemed necessary, to ascertain whether such facilities are maintained and operated in accordance with the provisions of Division 2 of LACO TITLE 20.

Under Section 20.24.100 of LACO TITLE 20, the Director of Public Works/City Engineer is authorized to enforce the requirements prescribed in Division 2, Sanitary Sewers and Industrial Waste, and in accordance with Section 20.24.110, may delegate this authority. LACO TITLE 20, Section 20.24.160, allows criminal penalties for any violations.

LACO TITLE 20, CPC, standard plans, specifications, and other material cited in this chapter are filed at the Director of Public Works'/City Engineer's office.

4.0 Operations and Maintenance Program

The Plan must include the items listed below that are appropriate and applicable to the Enrollee's system.

4.1. Updated Map of Sanitary Sewer System

An up-to-date map(s) of the sanitary sewer system, and procedures for maintaining and providing State and Regional Water Board staff access to the map(s). The map(s) must show gravity line segments and manholes, pumping facilities, pressure pipes and valves, and applicable stormwater conveyance facilities within the sewer system service area boundaries.

4.2. Preventive Operation and Maintenance Activities

A scheduling system and a data collection system for preventive operation and maintenance activities conducted by staff and contractors.

The scheduling system must include:

- *Inspection and maintenance activities;*
- *Higher-frequency inspections and maintenance of known problem areas, including areas with tree root problems;*
- *Regular visual and closed-circuit television (CCTV) inspections of manholes and sewer pipes.*

The data collection system must document data from system inspection and maintenance activities, including system areas/components prone to root-intrusion potentially resulting in system backup and/or failure.

4.3. Training

In-house and external training provided on a regular basis for sanitary sewer system operations and maintenance staff and contractors. The training must cover:

- *The requirements of this General Order;*
- *The Enrollee's Spill Emergency Response Plan procedures and practice drills;*
- *Skilled estimation of spill volume for field operators; and*
- *Electronic CIWQS reporting procedures for staff submitting data.*

4.4. Equipment Inventory

An inventory of sewer system equipment, including the identification of critical replacement and spare parts.

4.1 Up-to-Date Map of the Collection System

The City and the District gather as-built plans and compiles them, into a central Document Management System, CADD System, and GIS system maintained by the Districts. For CSMD Cities, each City is responsible for maintaining as-built maps and the Districts collect a copy for maintenance operations. Data gathered from the plans, such as system locations and alignment, pipe material, size, etc., are stored in the Districts' Computer-Aided Design and Drafting System and Geographical Information System.

The City and the County provides access to up-to-date maps of the District's sewer system via:

- Interactive GIS-Maps

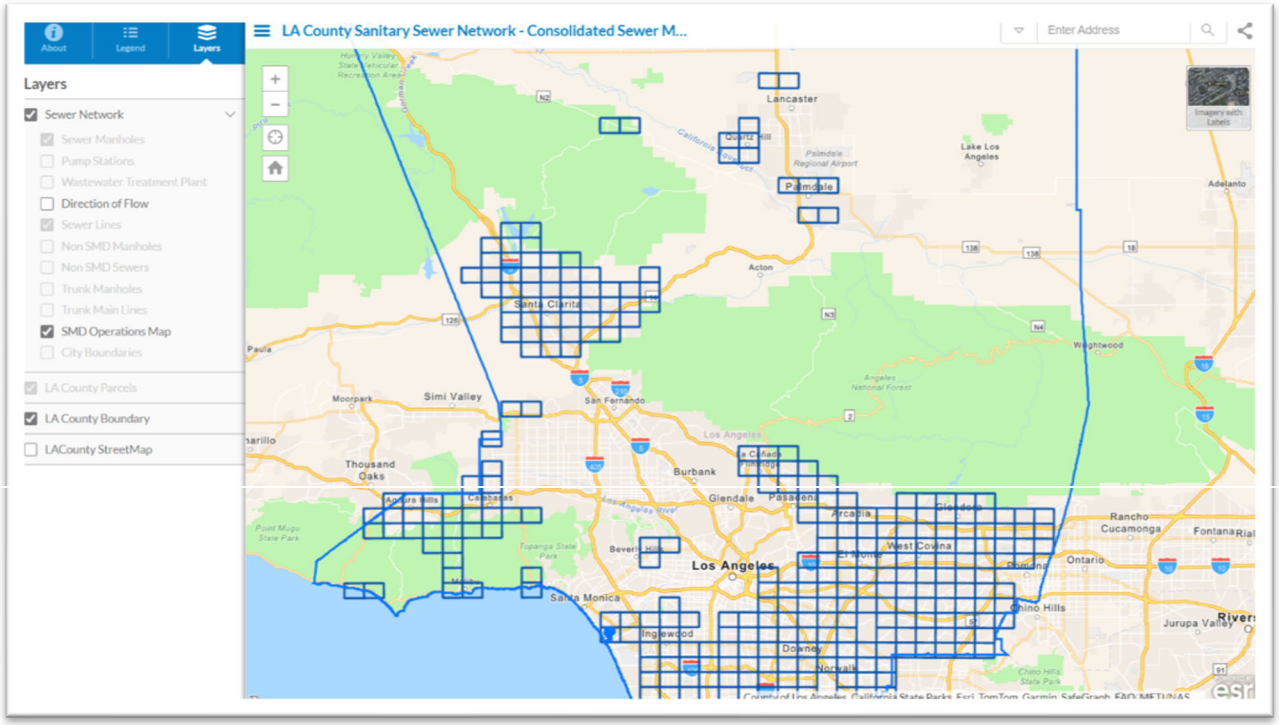
- Electronically available as-builts
- Printed and electronically available Map Books

The interactive GIS-based map of the City and the Districts' and City sewer system is available online on the County's and City's website:

- https://dpw.lacounty.gov/SMD/sewernetwork/
- City GIS

Within GIS, the Districts maintains a mapping system as seen in Figure 4.1 that includes sewer features such as pipe or manhole location, diameter, material, flow direction, etc. The system includes map base layers such as aerial images, streets, parcels, and storm drain systems also available from other Divisions within the County and other governmental agencies. The maps are regularly updated to reflect any changes in the system.

Figure 4-1: CSMD Sewer Network Map



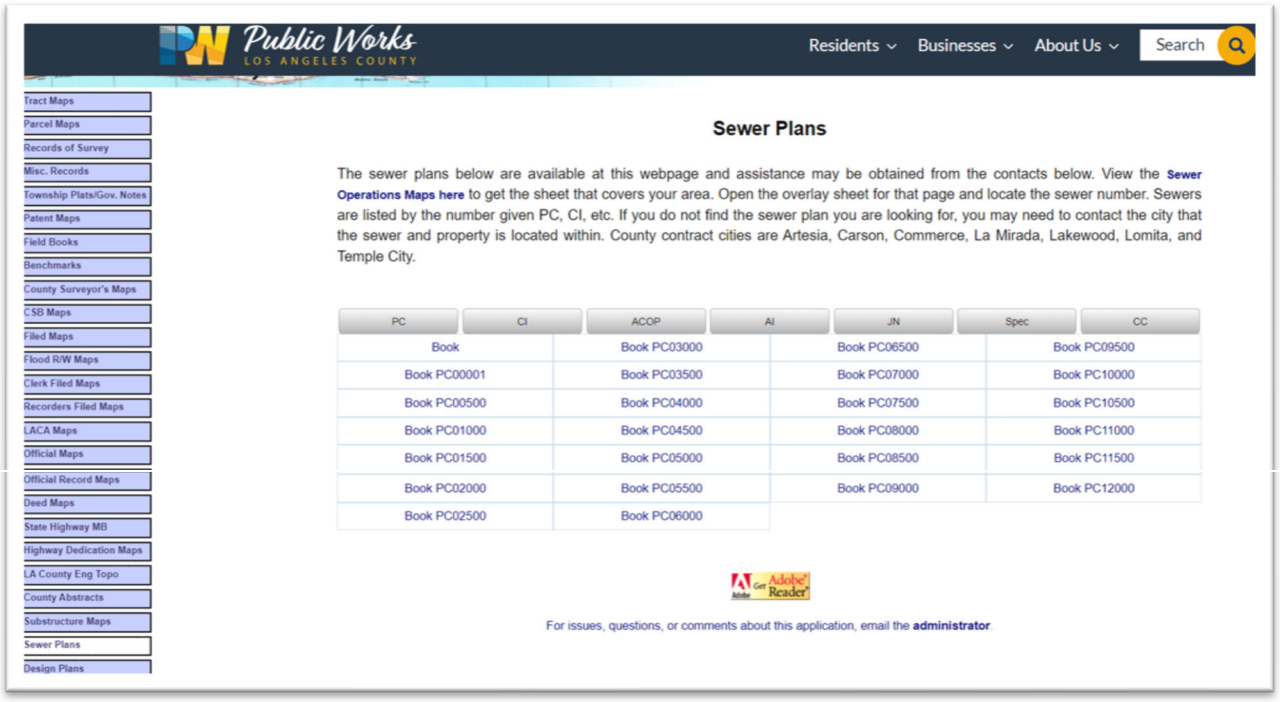
Sewer As-Builts

Sewer as-builts can be obtained from the County and City. To retrieve the as-builts, the County has provided detailed instructions on how to locate the as-builts for a desired sewer line on the CSMD webpage. Using the sewer network map to obtain the overlay operation map book, the map book lists the as-built sewer plan number that can be searched on the County's Land Records Site, Figure 4.2.

The sewer as-builts are located on the County's Land Record site:

- https://pw.lacounty.gov/smpm/landrecords/SewerPlans.aspx
- City GIS

Figure 4-2: Sewer Plans Webpage

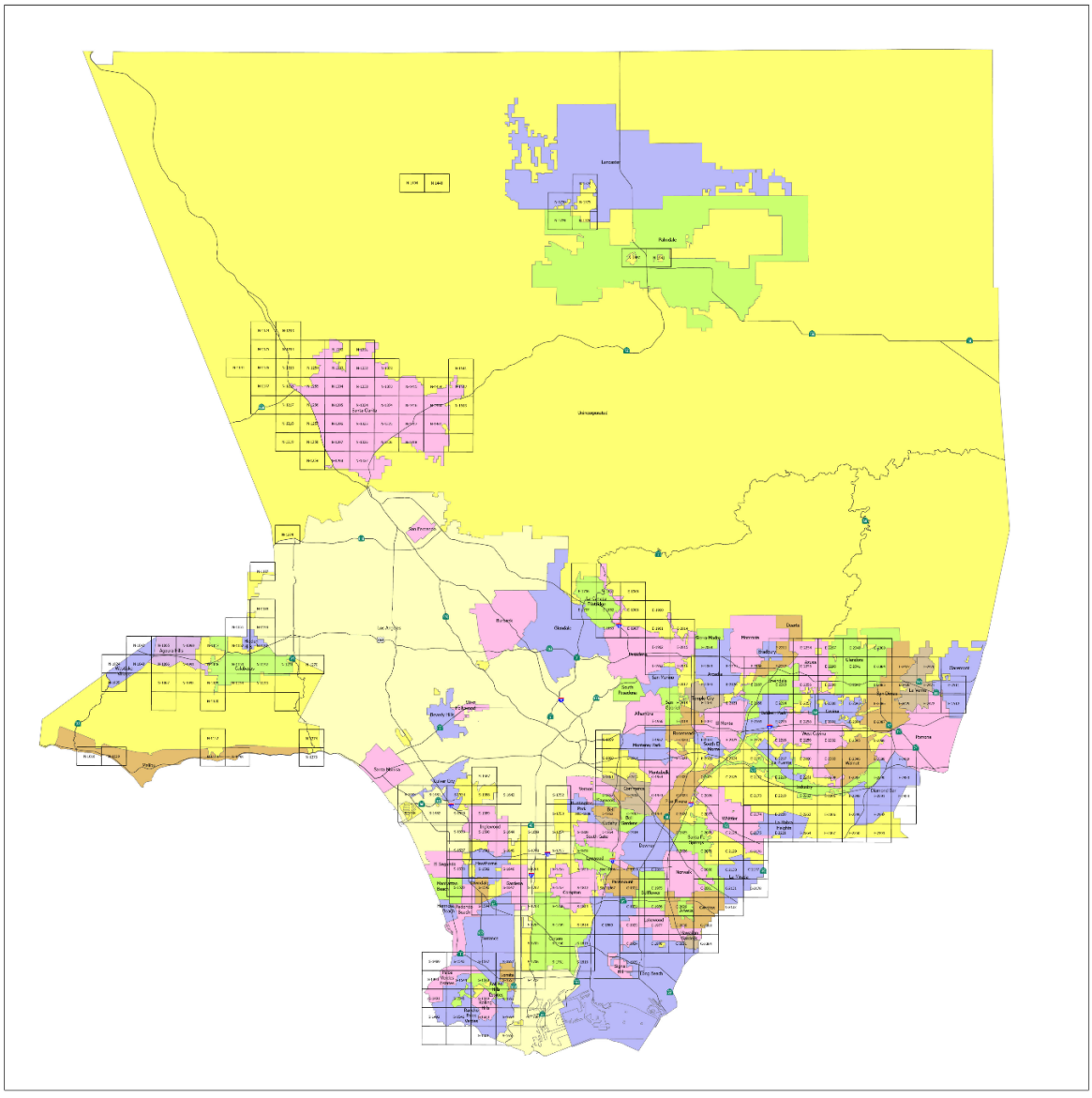


Map Books

Printed system maps are stored in the Mapping and Annexation Unit of the CSMD located at 1000 South Fremont Avenue, Alhambra, California. These maps are also distributed to the CSMD's field crew, for work scheduling and responding to emergencies, and to cities and other agencies. Individual map books can be found using the operation maps overview map as seen in Figure 4.3. These map book pages are electronically available on the County's website, link on following page:

- https://dpw.lacounty.gov/sewer/Page_15

Figure 4-3: Operations Map Overview Map



Availability of Up-to-Date Mapping to Support Collection System Management
The Districts' print map books for sewer maintenance crews to use in the field for locating sewer infrastructure. When discrepancies are identified in sewer mapping, crews note them on printed map pages or through GIS on a phone and forward them to CSMD GIS resources for updates. Field crews have access to both paper maps and the GIS phone application, depending on their preference.

4.2 Preventative Operation and Maintenance Activities

The City is within the CSMD and, therefore, relies on the staff and resources of the LACPW for the SO&M of its collection sewer system. The CSMD's SO&M Programs described in detail in the Districts' SSMP are applicable in the City. The CSMD's maintenance services are provided from four maintenance yards strategically located within the County for efficient management of maintenance activities including SSOs and other emergencies.

Equipment Inventory
The District's maintenance crews are equipped with standard industry technologies including radio equipped trucks for easy communication, cellular phones, heavy and light construction equipment, vacuum trucks, pumps, generators, trucks equipped with closed-circuit television units for interior inspection of sewer lines, and various types of safety equipment. Equipment is regularly checked, adjusted, repaired, or replaced as necessary. However, major fixed assets are replaced when they meet or exceed the District's established fixed assets replacement criteria based on the age of the equipment, mileage, hours of use, repair history, etc. Equipment categorized as Class 9 (less than ¼ ton) or lower is automatically replaced by the Fleet Management Group of the Administrative Services Division of the County when it meets the replacement criteria. The request to replace equipment higher than Class 9 is made as part of the District's annual budget. In addition to the above replacement criteria, an analysis and recommendation by trained staff of the County and approval by County administration is required to replace equipment higher than Class 9.

Table 6.1.1-1: List of Major Equipment

Equipment Type	Count
Inspection	22
Rodder	12
Vacuum	7
Compressor	2
Jetter	10
Pickup	25
Utility	4
Pump	6
Masonry	4
Dump	4
Construction	2
Sedan	1
Van/Passenger	2
Crane	2
2Axle	3
Stake	5
Tractor	2
TOTAL	**113**

These criteria notwithstanding, a piece of equipment can also be replaced if its reliability or safety of operation becomes questionable. New and additional equipment is also acquired when fully justified based on increased workload, new activity, additional personnel, technological improvements, time and cost savings, employee or public safety requirements, etc. Each Collection System Yard maintains the spare equipment and parts needed by that yard to maintain the sewer pipelines and pump stations within the yard's service area, and each is responsible for ordering replacements.

The cornerstone of the CSMD's maintenance operation is the preventive maintenance program as described in the DPW'straining guide, maintained in each of the field maintenance yards. This program consists of regular inspection of the sewer system including manholes, pipes, siphons, pump stations, treatment plants, regular cleaning, repair, and related activities. This program is designed and carried out to detect and correct potential problems before they develop into major problems. The following is a summary of the key preventive maintenance activities (details are contained in the CSMD Maintenance and Operations manual), and, where applicable, frequencies for these services have been included below:

4.2.1 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 or evidence of debris within the manholes and along sewer alignments.

4.2.2 Gas Trap Manholes and Siphons – On a monthly basis, these facilities are inspected and cleared of any stoppages or flow restrictions.

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

4.2.4 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 schedules, and those prone to root growth are periodically rodded or chemically treated.

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

4.2.6 Sewage Pump Stations – All pump stations are equipped with telemetry/alarm systems and are inspected at least once a week. Pumps and motors are lubricated, control mechanisms and valves are checked and adjusted as necessary, and equipment is repaired or modified as required.

4.2.7 Work Scheduling – Most work orders are generated and tracked using the DPW's Maintenance Management System (MMS). Field crew activities are recorded in various forms such as service requests, cleaning reports, sewer maintenance daily reports, manhole adjustments, overflow report forms, etc., and are stored in the MMS.

4.2.8 CSMD Mapping System – The City maintains "as-built" sewer plans of the City's sewer facilities. Data on the plans, such as system location and alignment, pipe material, size, etc., are stored in the CSMD Computer Aided Design and Drafting (CADD) GIS. Printed system maps are stored in the Mapping and Annexation Unit of the CSMD located at 1000 South Fremont Avenue, Alhambra, California. These maps are also

distributed to the CSMD's field crew, for work scheduling and responding to emergencies, and to cities and other agencies. The maps are regularly updated to reflect any changes in the system. System maps are located online http://dpw.lacounty.gov/SMD/sewernetwork.

CSMD also creates maps with GIS. This mapping system includes sewer features such as pipe or manhole location, diameter, material, flow direction, etc. The system includes map base layers, such as aerial images, streets, parcels, and storm drain systems also available from other divisions within LACPW, County departments and other governmental agencies.

4.3 Rehabilitation and Replacement Plan

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

4.4 Accumulative Capital Outlay Program of the Consolidated Sewer Maintenance District (CSMID)

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

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

4.4.1 Condition Assessment Program

The existing City collection sewer facilities are listed in ***Appendix C***. 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 WDRs require that the City or its agent have a program in place to minimize and correct these issues and ensure that the

program is well funded.

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

4.5 Equipment Maintenance and Replacement Policy

The equipment utilized in the maintenance of the City's sewer facilities is owned by the CSMD. LACPW has full responsibility for the maintenance and replacement of equipment. The LACPW Equipment Replacement Policy is described in Chapter 4.5 of the Districts' SSMP.

4.6 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 LACPW. The training of CSMD personnel is a function of the LACPW and not the City. The training methodologies utilized by the LACPW are contained in Chapter 4.4 of the Districts' SSMP. The City does not have any formalized training for contractors doing work within the City. However, City sewer construction projects are awarded to competitively selected contractors with well trained and qualified personnel for any given project. The designed plans and specifications for City sewer construction projects contain detailed instructions on the City's permitting requirements, standards, and policies that must be adhered to by contractors doing work within the City.

Additionally, only companies with well-trained and experienced staff are considered for either emergency SSO mitigation or sewer construction and rehabilitation work.

5.0 Design and Performance Provisions

The Plan must include the following items as appropriate and applicable to the Enrollee's system:

5.1. Updated Design Criteria and Construction Standards and Specifications

Updated design criteria, and construction standards and specifications, for the construction, installation, repair, and rehabilitation of existing and proposed system infrastructure components, including but not limited to pipelines, pump stations, and other system appurtenances. If existing design criteria and construction standards are deficient to address the necessary component-specific hydraulic capacity as specified in section 8 (System Evaluation, Capacity Assurance and Capital Improvements) of this Attachment, the procedures must include component-specific evaluation of the design criteria.

5.2. Procedures and Standards

Procedures, and standards for the inspection and testing of newly constructed, newly installed, repaired, and rehabilitated system pipelines, pumps, and other equipment and appurtenances.

5.1 Design and Construction Standards and Specifications

The City of Santa Clarita, as well as LACDPW, has standard plans and specifications for the construction of sanitary sewers and appurtenances to ensure that sewer lines and connections are properly designed and constructed. The City and LACDPW have specifications by reference to incorporate the Standard Plans and Specifications for Public Works Construction, Special Provisions, and Standard Drawings. In addition, the both entities have 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. To further assure that sewer facilities are properly designed and constructed, both The City and LACDPW require that plans are designed by licensed engineers and provides thorough review of plans prior to approval for and conducting inspection of construction work. Prior to accepting newly completed sewer system for maintenance, the CSMD requires the City's assurance that the system has been designed and constructed to City Standards.

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

The City's Public Works and CSMD's inspectors inspect new sewer construction. The inspection of sewer rehabilitation projects under the ACO Program are conducted by LACDPW inspectors. The City requires that as-built plans of the completed projects be submitted prior to final approval for acceptance of sewer facilities for public use.

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

6.0 Spill Emergency Response Plan

The Plan must include an up to date Spill Emergency Response Plan to ensure prompt detection and responsible to spills to reduce spill volumes and collect information for prevention of future spills. The Spill Emergency Response Plan must include procedures to:

- *Notify primary responders, appropriate local officials, and appropriate regulatory agencies of a spill in a timely manner;*
- *Notify other potentially affected entities (for example, health agencies, water supplier, itc.) of spills that potentially affect public health or reach waters of the State;*
- *Comply with the notification, monitoring and reporting requirements of this General Order, State law and regulations, and applicable Regional Water Board Orders;*
- *Ensure that appropriate staff and contractors implement the Spill Emergency Response Plan and are appropriately trained;*
- *Address emergency system operations, traffic control and other necessary response activities;*
- *Contain a spill and prevent/minimize discharge to waters of the State or any drainage conveyance system;*
- *Minimize and remediate public health impacts and adverse impacts beneficial uses of waters of the State;*
- *Remove sewage from the drainage conveyance system;*
- *Clean the spill area and drainage conveyance system in a manner that does not inadvertently impact beneficial uses in the receiving waters;*
- *Implement technologies, practices, equipment, and inter-agency coordination to expedite spill containment and recovery;*
- *Implement pre-planned coordination and collaboration with storm drain agencies and other utility agencies/departments prior, during, and after a spill event;*
- *Conduct post-spill assessments of spill response activities;*
- *Document and report spill events as required in this General Order; and*
- *Annually, review and assess effectiveness of the Spill Emergency Response Plan, and update the Spill Emergency Response Plan.*

6.1 Spill Emergency Response Procedure

The City, as a member of the CSMD, relies on the services of the LACPW to respond to SSOs within the City. Therefore, the Overflow Procedure described in Chapter 6 of the Districts' SSMP is utilized by the CSMD in the City. Furthermore, the LACPW 24-hour emergency phone number 1-800-675-HELP (4357) is readily available to City staff and residents to promptly notify LACPW staff of SSO events in the City and the number is posted on City's website.

However, in the event of an SSO in which a City crew is the first responder, the City is responsible for containing the release, if possible, and securing the area until LACPW personnel arrive.

The City of Santa Clarita's Environmental Services Division and the City's General Services field personnel investigate all illicit discharges that may enter the storm drain system. The Santa Clarita General Services Hotline number is (661) 222-7222 can be called during business hours for immediate investigation of any incidents.

6.1.1 Regulatory Agencies Notification and Timeframe

The CSMD is responsible for reporting SSOs to the appropriate regulatory agencies for the City. As discussed in Chapter 2, SSOs that occur in the City are reported to the LACPW by telephone. Upon receipt of such calls, LACPW Officials follow the notification guidelines contained in Chapter 6 of the Districts' SSMP, also presented in Sections 6.1.1 and 6.1.2 of this document.

6.1.1 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.	DPH	Within 15 minutes after becoming aware of the spill.	Call and obtain operator number.
		OES (≥ 1,000 gallons)	As soon as possible, but no later than 2 hours after becoming aware of the spill.	Call and obtain control number.
		SWMD (only if entered into storm drain)	As soon as possible, but no later than 2 hours after becoming aware of the spill.	NA
		EPD (≥ 50,000)	As soon as possible, but no later than 2 hours after becoming aware of the spill.	Conduct Water Quality Sampling within 48 hours of initial spill. **CIWQS Online Database** – Upload water quality results. **SSO Technical Report** – Submit report within 45 calendar days on conclusion of SSO in which 50,000 gallons or greater are spilled to surface water.
		SWRCB	As soon as we become aware of the SSO, reporting is possible and can be provided without substantially impeding cleanup or other measures.	**CIWQS Online Database** **Initial Report** - ASAP but no later than initial 3 business days after we are made aware of it. **Final Certified Report** – Within 15 calendar days on conclusion of the SSO response and remediation. **Additional Information** – Anytime in form of an attachment.
2	≥ 1,000 gallons of Untreated or partially treated SSO: 1. Does not reach surface water, drainage channel or storm drain unless discharge to storm drain system is fully recovered and disposed of properly.	DPH	Same as above	NA
		SWMD (only if entered into storm drain)	Same as above	NA
		SWRCB	Same as above	Same as above
3	All other discharge of untreated or partially treated resulting from sewer system failure or flow condition.	DPH	Same as above	NA
		SWRCB	Same as above	**CIWQS Online Database** – Within 30 days after the end of the calendar month in which the SSO occurred.
PLSD	Private lateral sewage discharge (PLSD) caused by blockages or other problems within a privately-owned lateral	DPH	Same as above	NA
		SWRCB (optional)	NA	NA
NA	No SSO in a calendar month	SWRCB	NA	**CIWQS Online Database** – Certified within 30 days after the end of the calendar month, certified statement that no SSO occurred.
NA	Collection System Questionnaire	SWRCB	NA	**CIWQS Online Database** - Update and certify every 12 months.

6.1.2 TELEPHONE/FAX NUMBERS

Agency	Contacts	Hours of Operation
Department of Public Health	(213) 974-1234	Answered on a 24-hour, 7-day a week basis
Lahontan Regional Water Quality Control Board (Lancaster/Palmdale area) (Region 6)	(760) 241-6583	Answered only during normal working hours
Stormwater Maintenance Division East Area	(626) 445-7630 (626) 798-6761	Answered only during normal working hours
South Area	(562) 861-0316	Answered only during normal working hours
West Area	(818) 896-0594 (818) 248-3842	Answered only during normal working hours Answered only during normal working hours
Environmental Programs Division	(626) 458-4357	Answered on a 24-hour, 7-day a week basis
California Office of Emergency Services	1-800-852-7550	Answered on a 24-hour, 7-day a week basis
State Water Resource Control Board	Online database website	

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

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

6.1.4 Procedures to Address Emergency Operations such as Traffic, Crowd Control, and other Necessary Response Activities

The City does not play a significant role in addressing emergency operations. Emergency operations are performed by LACPW staff or contractors doing emergency repair SSO-related work for the County or City. The City's General Services field personnel,are also well trained in traffic and crowd control. The City's vehicles are well equipped with traffic and crowd control tools, including orange traffic control cones, yellow tape, flashing lights, high visibility yellow uniforms, etc. The County of Los Angeles Fire and Sheriff's Departments also play active roles in the control and protection of the public during emergency SSO operations.

6.1.5 Program to Eliminate or Minimize the Discharge of SSOs into Waters of the United States

The CSMD's, City's field personnel, and emergency contractors' crews are properly trained on methods and procedures to prevent or limit the amount of SSO into waters of the United States and how to mitigate their impacts. Some of the methods include the use of sand bags to contain SSOs, absorbent socks to prevent SSO discharge into storm drain catch basins, and the use of vacuum trucks to suck up contained spills and dump the effluent back into the collection system at other safe locations.

6.1.6 Spill Emergency Response Plan

The District's Spill Emergency Response Plan (SERP) shown on the District's SSMP provides guidelines for the District's maintenance crew to follow in responding to, cleaning up, and reporting sewer spills that may occur within the Consolidated and Marina Sewer Maintenance Districts' service area. The purpose of the SERP is support an orderly and effective response to sewer spills that ensure all regulatory requirements are met. The Districts' SERP comprehensively addresses notification, response, assessment, and record keeping requirements of the SWCRB General Order as summarized in Table 6.1.1.

Table 6.1.1: Spill Emergency Response Plan General Order Compliance

Order Requirement	SERP Section
Notify primary responders, appropriate local officials, and appropriate regulatory agencies of a spill in a timely manner;	2, 3.4
Notify other potentially affected entities (for example, health agencies, water suppliers, etc.) of spills that potentially affect public health or reach waters of the State;	2, 3.4, 3.7
Comply with the notification, monitoring and reporting requirements of this General Order, State law and regulations, and applicable Regional Water Board Orders;	4
Ensure that appropriate staff and contractors implement the Spill Emergency Response Plan and are appropriately trained;	6
Address emergency system operations, traffic control and other necessary response activities;	3
Contain a spill and prevent/minimize discharge to waters of the State or any drainage conveyance system;	3.4
Minimize and remediate public health impacts and adverse impacts on beneficial uses of waters of the State;	3.4, 3.6
Remove sewage from the drainage conveyance system;	3.6
Clean the spill area and drainage conveyance system in a manner that does not inadvertently impact beneficial uses in the receiving waters;	3.6
Implement technologies, practices, equipment, and interagency coordination to expedite spill containment and recovery;	3.6
Implement pre-planned coordination and collaboration with storm drain agencies and other utility agencies/departments prior, during, and after a spill event;	-
Conduct post-spill assessments of spill response activities;	3.8, 4.5
Document and report spill events as required in this General Order; and	4
Annually, review and assess effectiveness of the Spill Emergency Response Plan, and update the Plan as needed.	6.1

7.0 Blockage Control Program

The Sewer System Management Plan must include procedures for the evaluation of the Enrollee's service area to determine whether a sewer pipe blockage control program is needed to control fats, oils, grease, rags and debris. If the Enrollee determines that a program is not needed, the Enrollee shall provide justification in its Plan for why a program is not needed.

The procedures must include, at minimum:

- *An implementation plan and schedule for a public education and outreach program that promotes proper disposal of pipe-blocking substances;*
- *A plan and schedule for the disposal of pipe-blocking substances 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 substances generated within a sanitary sewer system service area;*
- *The legal authority to prohibit discharges to the system and identify measures to prevent spills and blockages;*
- *Requirements to install grease removal devices (such as traps or interceptors), design standards for the removal devices, maintenance requirements, best management practices requirements, recordkeeping and reporting requirements;*
- *Authority to inspect grease producing facilities, enforcement authorities, and whether the Enrollee has sufficient staff to inspect and enforce the fats, oils, and grease ordinance;*
- *An identification of sanitary sewer system sections subject to fats, oils, and grease blockages and establishment of a cleaning schedule for each section; and*
- *Implementation of source control measures for all sources of fats, oils, and grease reaching the sanitary sewer system for each section identified above.*

7.1 Introduction

The FOG program is performed by CSMD staff on behalf of the City. The methods used by LACDPW are contained in the Districts' SSMP. Solidified fats found in the collection system during cleaning operations are trapped, collected, and taken to the maintenance yard dump bins. These and other debris collected from the system are taken to the County Sanitation Districts of Los Angeles County (CSD) facilities. Analysis of sewer overflows over the last 3 years indicates an average of 88 percent of spills within the Districts' collection system are linked to roots, debris, grease, pipe structural failure and pump station failure either as a primary or secondary cause factor. Between 2021 and 2024, an average of 30% of spills were linked to grease accumulation and 18% linked to debris accumulation. To prevent the build-up of fats, oils and grease (FOG) that can cause blockages and restrictions in flow, the County has implemented a FOG program to prevent sewage overflows into the environment, as well as to reduce the discharge of FOG to the sewer system.

The Environmental Programs Division is responsible for performing fats, oils, and grease source control inspections of food service establishments (FSEs). The EPD regulates industrial waste disposal for 36 cities by contract and all unincorporated areas. The number of FSEs per City and within the unincorporated areas are listed in Table 6.1.1.

Table 6.1.1: Number of FSEs per City/Area

City/Area	Number of Food Service Establishments
Unincorporated Area	1025
Lakewood	181
Artesia	118
Cerritos	144
Paramount	52
Bellflower	51
La Mirada	74
Hawaiian Gardens	21
Carson	169
Culver City	188
Rolling Hills Estate	20
Lawndale	46
Cudahy	12
Lomita	58
Rosemead	114
Duarte	53
Irwindale	39
Temple City	55
Commerce	102
Bell Gardens	91
La Canada Flintridge	49
Beverly Hills	135
San Fernando	52
Westlake Village	50
Agoura Hills	65
West Hollywood	255
Calabasas	53
San Dimas	80
Walnut	52
Diamond Bar	75
Santa Clarita	376

A list of cities that EPD supports with industrial waste disposal, including FOG source control inspections, can also be found on the Los Angeles County official website:

- https://cleanla.lacounty.gov/industrial-waste/#Jurisdictions

The website provides FOG guidelines, standard drawings for grease pretreatment devices, permit forms, and details on EPD's FOG program.

7.2 Implementation Plan and Schedule for Public Outreach

- **Summary of Outreach Activities**

  The Sewer Maintenance Division conducts public outreach through various channels to educate the community about Fats, Oils, and Grease management:

  - **Community Events:** CSMD participates in resource fairs, park events, and Earth Day-themed events, where staff distribute FOG brochures and answer questions from the community.
  - **Website Resources:** The FOG page on CSMD's website provides a comprehensive list of FOG do's and don'ts: https://pw.lacounty.gov/SMD/grease/Index.cfm
  - **Inspections:** During inspections of FSEs, FOG inspectors provide educational materials on best management practices (BMPs) for grease traps and interceptors. Newly permitted FSEs also receive BMP materials.

  By engaging with the community and FSEs through these activities, CSMD aims to promote effective FOG management practices and prevent blockages in the sewer system.

- **Plan and Schedule of Events**

  The schedule of outreach activities is based on opportunities for public engagement and the frequency of FSE inspections. When an opportunity arises for CSMD to participate in a public event, the Community and Government Relations Group (CGRG) notifies them. Many of these events occur annually and CSMD tries to be involved if notified by the CGRG in time to coordinate. CGRG keeps track of all the events the county participates in annually, providing a summary of events at the end of the year. FSE Outreach is timed around FSE inspections. FSE owners are provided educational material when FOG inspectors visit to inspect grease traps and interceptors and check for any violations.

7.3 Plan and Schedule for Disposal of FOG

For the disposal of grease and other pipe-blocking substances, FSE's must obtain an Industrial Waste Disposal Permit from EPD that requires a schedule of frequent maintenance and documentation of maintenance and disposal of waste. Under the permit, grease traps are required to be maintained/pumped daily while grease traps/interceptors that can handle 750 gallons or greater require quarterly maintenance. FOG haulers have multiple options for grease disposal, including Baker Commodity in Vernon and designated disposal locations in Los Angeles and the County Sanitation Districts of Los Angeles County. These disposal sites are regulated and require a fee. The solidified fats found in the County's collection system during cleaning operations are trapped, collected, and taken to the maintenance yard dump bins.

Once the bins are full, these and other debris collected from the system are taken to the County Sanitation Districts of Los Angeles County facilities.

7.4 Authority to Prohibit FOG Discharges and Identify Measures to Prevent FOG spills

- **Authority**
  The City's and County's legal authority to prevent illicit discharges into the sanitary sewer system and to limit the discharge of FOG and other debris that may cause blockages in the sewer lines is discussed in Chapter 3.
- **Preventative Measures**
  The Districts utilize semiannual manhole inspection of all manholes, and the scheduled and unscheduled sewer line cleaning and television inspection of the interior of sewer pipes to identify pipe segments experiencing heavy grease accumulation and in mitigating the problem. These legal mandates and maintenance practices are complemented by the Districts' Public Education and Outreach Program discussed in Section 7.2 to minimize Spills and blockages caused by FOG.

7.5 FOG Program Requirements and Design Standards

A pretreatment system/device is required for any new and existing food service establishment or similar facility where FOG from food preparation is discharged into the sewer system in quantities that may cause blockages or interfere with sewage treatment or disposal. All pretreatment facilities, whether required by EPD or installed voluntarily, shall be maintained and operated under a valid Industrial Waste Disposal Permit (IWDP) for the operating life of the facility.

- **Requirements to Install Grease Removal Devices**
  The LACDPW's legal authorities to enforce the requirements stipulated in this Section are discussed in Chapter 3. The Director of Public Works has enforcement authority for industrial waste permitting per Section 20.36.040 of the LACO Code and charged the EPD with permitting and inspecting more than 1,300 food service establishments that discharge into the sanitary sewer system in 36 contract cities within the CSMD. New or remodeled FSEs and those under new ownership must also secure a permit from the Building and Safety Division (BSD). If there is a FOG-related problem associated with an industrial waste permit, DPW will take enforcement action against the permittee, or where applicable, refer the problem to the contract city for enforcement action. The EPD requires that industrial waste generating facilities and any FSE with the potential to produce grease install a grease control device (GRD).

  LACDPW does not issue permits or inspect domestic sewage disposal to the sanitary sewer system. However, the LACO Code prohibits the discharge of "any material, which may create a public nuisance, or menace to the public health or safety, or which may pollute underground or surface waters, or which may cause damage to any storm-drain channel or public or private property" (Section 20.36.010). If during inspection of the sanitary sewer system Districts' personnel determines that a FOG-related problem exists and is traceable to a domestic sewage source of such character that is not satisfactory, under the LACO Code

(Section 20.20.100), pretreatment could be required or the discharge required to be eliminated. Domestic waste containing FOG can lead to spills, which are public nuisances and is a violation of California Health and Safety Code Division 5, Part 3, Chapter 6, Article 2, which can also be used to impose appropriate domestic sewage discharge requirements.

- **Design Standards for Grease Removal Devices**
  FSEs are required to size, design and construct grease traps and interceptors according to the LACO Plumbing Code. Additionally, they are required to be approved, installed, and operated in a manner to control discharges of FOG into the sanitary sewer system and to ensure that the facilities do not create nuisances, menaces to the public peace, health or safety hazards, or adverse impacts to the public sewerage system, soil, underground, and/or surface waters.
  The Industrial Waste online page on the County's website provides standard drawings for grease pretreatment devices: https://cleanla.lacounty.gov/industrial-waste/#Obtaining-Clearance
- **Maintenance Requirements**
  The IWDP Conditions and Limitations has a minimum maintenance frequency condition and a requirement to maintain the GRD in proper working order. During inspections, inspectors physically examine the GRD. If a grease interceptor (GI) is used, FSEs are required to open and inspect it. If issues are identified, they are documented, and a job order is created. The FSE signs off on the order and receives a receipt. If cleaning records are not provided, or if the GI cannot be accessed, the FSE must clean it.
- **Permit conditions require:**
  - GIs to be cleaned at least once every three months
  - FSEs with grease traps are required to perform daily maintenance
- **Best Management Practices Requirements**
  The Pretreatment Guidelines for Restaurants and Food Service Operations provide guidelines and best management practices for selecting and installing pretreatment devices. These guidelines outline the installation requirements for grease interceptors and offer a list of alternative pretreatment devices that can be used in lieu of a grease interceptor.
  During inspections, inspectors verify whether best management practices are being followed, such as maintaining proper documentation, using adequate devices, and employing appropriate disposal methods. In incorporated areas, inspectors distribute flyers outlining the dos and don'ts of fog management and request that these flyers be displayed at workstations for workers to see.
- **Record Keeping and Reporting Requirements**
  As a condition of the Industrial Waste Permit, FSEs must record the maintenance of grease trap/ interceptors on a maintenance log report. The log records date of the service performed, types of services performed, and person/company providing service. Additionally, for any liquid or solid industrial wastes transported from the site, FSEs must obtain and keep copies of receipts for grease trap/interceptor maintenance and pumping for at least 180 days. The maintenance log report and receipts shall be made available to the County and the City (if applicable) upon request.

- **Procedures**
  The County implements the following procedure to identify and manage sections of the system impacted by FOG blockages:
  - **Identification:** Sections impacted by FOG blockages are identified through regular inspections conducted by cleaning crews, CCTV inspections, and reports of spills.
  - **Investigation:** Once identified, these sections are thoroughly investigated to assess the extent of the blockages and determine the appropriate actions needed to address them.
  - **Maintenance:** Based on the investigation findings, a periodic cleaning schedule is defined and implemented for each affected section to ensure ongoing maintenance and prevent future blockages.

7.6 Inspection and Enforcement Program

- **Authority to Inspect Grease Producing Facilities**
  Section 20.36.400 of the LACO Code provides legal authority to inspect FOG-producing facilities, prohibiting the discharge of substances that may obstruct or require frequent maintenance of the sewer system. The source control inspection process follows a standard workflow, including researching plans, preparing for the inspection, reviewing operations, and requesting GRD maintenance documentation. Inspectors may ask questions about waste oil management, changes in operations that affect the permit, and maintenance frequency. They also check for compliance with Best Management Practices such as ensuring BMP posters are visible in the kitchen. Inspectors document their findings and enter data into the HMS database.

  When CSMD encounters FOG issues in the collection system, whether from spills, CCTV inspections, or sewer cleaning, the source of the problem is evaluated as either residential, commercial, or both. For residential spills, CSMD may notify residents door-to-door, providing information on proper grease disposal practices. For recurring issues, the affected area is placed on a preventive maintenance schedule. In the case of commercial spills, the incident is referred to EPD for investigation. EPD checks GRD maintenance and requires corrective actions when needed. If an FSE without a GRD is responsible for a spill, EPD mandates the installation of a GRD. If a GRD-equipped FSE causes a spill, more frequent maintenance may be required. All investigations are documented in the HMS database, and results are communicated to CSMD as relevant.
- **Authority to Enforce**
  The enforcement process for violations varies based on location. In unincorporated areas, inspectors issue a Notice of Violation or Order to Comply with a set deadline. Follow-up inspections verify compliance, and unresolved issues may be escalated to supervisors. In rare instances, compliance issues are referred to headquarters, possibly resulting in legal action with the District Attorney. In CSMD cities, violations are handled similarly, but escalation may involve the City's Code Enforcement and, if necessary, the City Attorney.

- **Resource Plan to Inspect and Enforce**

  The EPD has sufficient inspection and enforcement staffing to achieve an annual FSE inspection cycle and follow up on requirements and violations identified. The County's current funding allows for increases in permit and other services charges if necessary to hire additional staff.

7.7 Maintenance Program to Address FOG Issues

As described in Section 4, FOG prone sections of the Districts' collection system, referred to as "hot spots," are identified during routine maintenance operations and investigation of stoppages and spills. These portions of the system found to have persistent FOG problems are put on monthly, quarterly, or semi-annual periodic cleaning schedules, depending on the magnitude of the problem. Furthermore, segments of the collection system with persistent FOG problems are referred to the Environmental Programs Division of the Department of Public Works for additional investigation and enforcement actions.

7.8 Implementation of Source Control Measures to Address FOG Issues

- **Summary of Source Control Measures**

  Pretreatment devices are used to remove grease from sewage to prevent the accumulation of FOG that can lead to blockages. The County provides pretreatment guidelines to FSEs, offering guidance on how to adequately select, size, and install a pretreatment device based on the amount of grease produced. The maintenance of these devices is outlined in the IWDP to ensure proper operation and functionality. Under the IWDP, the County or City may require upgrades to grease interceptors if maintenance is inadequate or if the interceptor is too small to handle the waste stream.

- **Summary of Source Control Program Enforcement**

  The EPD conducts routine inspections of FSEs and inspects new establishments. Investigations are also performed when spills occur. When CSMD receives complaints and determines that FOG may have caused a spill or has the potential to cause a spill (e.g., grease accumulation), they reach out to the EPD for further investigation. Upon investigation, the EPD may make adjustments to the permit and treatment requirements to prevent such incidents and/or place the impacted area under periodic maintenance. Under the Industrial Waste Discharge Permit (IWDP), the County or City may modify the permit and its conditions and limitations as necessary to ensure proper waste disposal.

8.0 System Evaluation Capacity Assurance and Capital Improvements

The Plan must include procedures and activities for:

- *Routine evaluation and assessment of system conditions;*
- *Capacity assessment and design criteria;*
- *Prioritization of corrective actions; and*
- *A capital improvement plan.*

8.1 System Evaluation and Condition Assessment *The Plan must include procedures to:*

- *Evaluate the sanitary sewer system assets utilizing the best practices and technologies available;*
- *Identify and justify the amount (percentage) of its system for its condition to be assessed each year;*
- *Prioritize the condition assessment of system areas that:*
  - *Hold a high level of environmental consequences if vulnerable to collapse, failure, blockage, capacity issues, or other system deficiencies;*
  - *Are located in or within the vicinity of surface waters, steep terrain, high groundwater elevations, and environmentally sensitive areas;*
  - *Are within the vicinity of a receiving water with a bacterial-related impairment on the most current Clean Water Act section 303(d) List;*
- *Assess the system conditions using visual observations, video surveillance and/or other comparable system inspection methods;*
- *Utilize observations/evidence of system conditions that may contribute to exiting of sewage from the system which can reasonably be expected to discharge into a water of the State;*
- *Maintain documents and recordkeeping of system evaluation and condition assessment inspections and activities; and*
- *Identify system assets vulnerable to direct and indirect impacts of climate change, including but not limited to: sea level rise; flooding and/or erosion due to increased storm volumes, frequency, and/or intensity; wildfires; and increased power disruptions.*

8.2. Capacity Assessment and Design Criteria

The Plan must include procedures to identify system components that are experiencing or contributing to spills caused by hydraulic deficiency and/or limited capacity, including procedures to identify the appropriate hydraulic capacity of key system elements for:

- *Dry-weather peak flow conditions that cause or contributes to spill events;*
- *The appropriate design storm(s) or wet weather events that cause or contributes to spill events;*
- *The capacity of key system components;*
- *The major sources that contribute to the peak flows associated with sewer spills.*
- *Necessary redundancy in pumping and storage capacities.*

The capacity assessment must consider:

- *Data from existing system condition assessments, system inspections, system audits, spill history, and other available information; and*
- *Capacity of flood-prone systems subject to increased infiltration and inflow, under normal local and regional storm conditions;*

- *Capacity of systems subject to increased infiltration and inflow due to larger and/or higher-intensity storm events as a result of climate change;*
- *Increases of erosive forces in canyons and streams near underground and above-ground system components due to larger and/or higher-intensity storm events;*
- *Capacity of major system elements to accommodate dry weather peak flow conditions, and updated design storm and wet weather events; and*
- *Necessary redundancy in pumping and storage capacities.*

8.3. Prioritization of Corrective Action

The findings of the condition assessments and capacity assessments must be used to prioritize corrective actions. Prioritization must consider the severity of the consequences of potential spills.

8.4. Capital Improvement Plan

The capital improvement plan must include the following items:

- *Project schedules including completion dates for all portions of the capital improvement program;*
- *Internal and external project funding sources for each project; and*
- *Joint coordination between operation and maintenance staff, and engineering staff/consultants during planning, design, and construction of capital improvement projects; and Interagency coordination with other impacted utility agencies.*

8.1 System Evaluation and Capacity Assurance

The City's Engineering Services Division ensures that the public sewer infrastructure is correctly designed and adequately sized prior to transfer of the sanitary sewer system to the County of Los Angeles CSMD for maintenance. For the County of Los Angeles, this function is provided by the DPW's Land Development Division. Los Angeles County Sewer Maintenance District review and approval of the plans for maintenance purposes is a requirement.

8.2 Adequate Capacity and Design

Per Title 15, Chapter 20 of the Santa Clarita Municipal Code, the City has adopted by reference the Los Angeles County Code (LACO), Title 20, Utilities, Division 2, Sanitary Sewers and Industrial Waste. The County Code forms the basis upon which sewer construction plans are designed and plan checked ensuring a logical, functional design. The LACO Code also forms the basis upon which sewer construction plans are designed and plan checked. It also defines terms, establishes fees, sets out provisions for enforcement and maintenance, and sets the basis of design standards for sewers. Supplementing the LACO Code are the DPW's Private Contract Sanitary Sewer Procedural Manual and its accompanying sample plans and Guidelines for Pump Station Design. These documents give specific information on the DPW's requirements for the design plan processing, approval, and permitting. They also provide the detailed requirements for the design of the sanitary sewer to establish a standard for proper operation.

A sewer area study is required to be submitted by the developer to asses adequate sizing of the any new portion or connection to the sanitary sewer. Information regarding a sewer area or capacity sturdy is detailed in Title 20 of the LACO Code, DPW Procedural Manual, City of Santa Clarita policy and sample studies and methodology hand-outs. The City requires a complete sewer area study by a private civil engineer prior to giving approval for projects that may affect the capacity of the public sewer system. The completed study analyzes the capacity in the existing system and

sets forth mitigation requirements for developers to ensure adequate capacity and flow. The study also justifies the sizing of the proposed lines to accommodate the base, peak, and wet weather flows from all tributary lines to the mainline sewer under consideration, now or in the future. The approved capacity study is referenced directly by the plan checker when the site design plans for the new/altered infrastructure are submitted to ensure adequate sewer capacity. All proposals for a new connection to an existing sewer must also comply with Los Angeles County Sewer Maintenance District's policies for managing sewer capacity.

Sewer plans for construction are prepared by private registered civil engineers and submitted to the City for plan check. Codified Division 2 and procedural manual precepts are used in an iterative plan check process to ensure that the sewer will function properly. The Standard specifications for Public Works construction or "Greenbook" (published by Public Works Standards, Inc.) and the Los Angeles County Department of Public Works Standard Plans are referenced where more detailed design data is to be specified. Permits for construction of any public sewer infrastructure are not issued until the plan check process has been completed. This process ensures the functional design and adequate capacity of the public sewer system.

8.3 Capacity Assurance

The City of Santa Clarita shall rely on the CSMD for information on the existing sanitary sewer system including:

- Semiannual inspections of manholes and CCTV of the interior of the sewer lines to identify pipe segments with impeded sewage flow due to accumulation of grease, tree root intrusion, structural damage, or infiltration problems.
- Sewer line flow measurements to evaluate the capacity of sewer lines suspected of being surcharged.
- Mitigating any problems identified by sewer line cleaning, repair, or rehabilitation by lining or replacement of sewer pipes.

As previously discussed in Section 8.1 and 8.2, it is the responsibility of the developer to prepare a study and provide for adequate capacity and flow for the sewer. It is the responsibility of the City to ensure that the sewer area studies are checked and the sanitary sewer infrastructure is properly constructed.

8.4 Capacity Enhancement Plan

The City's plan to enhance the capacity of the sewer lines includes:

- Manage the reduction and control of infiltration inflow (I/I) entering the sewer system by ensuring, through plan check, that the system is properly designed, carefully inspected during construction, for proper installation of laterals and manholes, and that appropriate pipe materials are utilized.
- Once installed and transferred to CSMD for maintenance, the District employs multiple strategies for identifying sources of I/I in the sewer system and for eliminating them where economically feasible.
    - The most common methods utilized for detecting I/I sources include visual inspection of the sewer lines and manholes, closed circuit televising (CCTV) of the interior of the sewer pipes, smoke, and dye testing etc.
    - If the sources are due to illicit connections such as sump pumps, roof drainage, surface

water diversion into a manhole, etc., applicable laws are enforced to eliminate them.
    - All other sources, such as cracks and/or leaks in the sewer pipes, poor joints, flows into manholes or deteriorated pipe segments, are corrected by pipe repair or replacement, lining of sewer pipes and manholes, and corking and sealing of manholes under the Districts' capital improvement programs.
    - City Public Works engineers and field personnel have easy access to GIS maps of areas prone to flooding or mapped as Special Flood Hazards Areas (SFHAs). These maps can be utilized as guidance for anticipating potential of Infiltration of storm flows, and can be used to request caulk and corks from Sanitation Districts of Los Angeles County free of charge for sealing manhole covers.
- Maintenance-related issues such as accumulation of grease and other materials that impede sewage flow (root balls and rags, etc.) are mitigated by sewer line cleaning performed by CSMD.
- Sewer line flow measurements to evaluate the capacity of sewer lines suspected of being surcharged. The various elements of the CSMD's capacity enhancement plan is discussed under the Preventive Maintenance, Condition Assessment, and Capital Improvement Programs in Chapter 4 of this document and in Sections 8.1 and 8.2 of this chapter.

8.5 Capital Improvement Plan

Collection systems owned by the Cities receive improvements under the City's Capital Improvement Plan (CIP). The City and/or District annually prepares/updates a list of capital improvement projects that may include projects to address identified wastewater collection system capacity issues from the above alternatives analysis and projects identified through the condition assessment process. Collections and Engineering staff select and prioritize the projects to be included on the annual list. As an example, in 2022 CSMD completed the Honby Siphon Replacement Project for the SSO that occurred at the Honby Avenue siphon across the Santa Clara river,within City jurisdiction.

Most improvements are delivered through on-call contracts, including work on gravity mains, point repairs, and pipe lining. The Accumulative Capital Outlay Program (ACO) funds the repair and maintenance of CSMD facilities. Alternative funding sources vary for each project and can come from the zone budget or other assistance identified by LACPW. The Project Management Division (PMD) manages the CIP and schedule, tracking budget, scope, and schedule.

- **Accumulative Capital Outlay Program**

  The Accumulative Capital Outlay (ACO) Program fund was established in 1987 as a mechanism to pay for sewer pipe replacements, relief sewer construction, and major improvements to sewage pumping stations. The objectives of the fund are to establish a charge to be collected from each parcel of real property in the CSMD and utilize these monies for sewer line repair and rehabilitation projects (emergency or scheduled).

  Additionally, some deteriorated lines are discovered during preventive maintenance of sewer lines. These lines are either immediately repaired by force account, using emergency contractors, or added to the list of future ACO projects.

- **Joint Coordination and Interagency Coordination.**

  The majority of collection system improvements are managed by Sewer Maintenance Division staff using resources from on-call contracts for planning, design, and construction. In some cases, projects are managed by Project Management Division. In either case, coordination between operation and maintenance staff, County engineering staff, consultants and contractors occurs throughout the planning, design and construction phases of project delivery. Project delivery incorporates coordination meetings and milestone deliverable reviews by all stakeholders.

  Early in the project delivery process, impacted agencies and entities are identified to initiate communication and permitting to streamline project delivery. This includes communication and coordination with CSMD cities if the work is being performed on their collection system. Another primary impacted agency is LACSD, since there are numerous connections between CSMD collection systems and LACSD trunk sewers. Impacted entities can include Army Corps of Engineers, Department of Fish and Wildlife, railroads, schools, neighboring cities, or CSMD member cities. Collaboration helps align project planning and resource allocation for engineering, design, and construction. Regular communication, data sharing, and joint meetings support the coordination of timelines, permitting, and infrastructure improvements while reducing conflicts across jurisdictions. All coordination of stakeholder and community engagement is managed by PMD staff.

8.6 Prioritization of Corrective Actions

The District prioritizes corrective action based on:

- Likelihood of failure, which is determined from findings of condition assessment (e.g., prioritizing NASSCO PACP rating, 4 and 5);
- Consequence of failure (e.g., proximity to water body, railroad, road type; and easement);
- Areas with multiple priority segments to factor in areas to be repaired.

Based on the condition grading and observed defects, the District prioritizes sewer segments for remediation. NASSCO PACP Structural Grade 5 defects are significant structural deficiencies. Pipe segments with these defects are placed on a repair list with the highest priority, focused on pipes with NASSCO PACP Structural Grade 5 defects prone to accelerated deterioration. Sewer repairs are also prioritized based on maintenance history, past overflow records, sewer line locations, and age, as they contribute to the likelihood and severity of spills.

9.0 Monitoring, Measurement, and Program Modifications

The Plan must include an Adaptive Management section that addresses Plan-implementation effectiveness and the steps for necessary Plan improvement, including:

- *Maintaining relevant information, including audit findings, to establish and prioritize appropriate Plan activities;*
- *Monitoring the implementation and measuring the effectiveness of each Plan Element;*
- *Assessing the success of the preventive operation and maintenance activities;*
- *Updating Plan procedures and activities, as appropriate, based on results of monitoring and performance evaluations; and*
- *Identifying and illustrating spill trends, including spill frequency, locations and estimated volumes*

9.1 Monitoring

The City will document all relevant data on SSOs that occurred in the City. This will include quarterly SSO reports from the LACDPW, Annual Reports published by the LACDPW, Sewer Maintenance Productivity Report (Appendix H) 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 effectiveness of the program shall be monitored and tracked through a three-year audit of SSMP and the CSMD Performance Measure Indicators (Appendix I of the Districts' SSMP) of the key activities aimed towards minimizing sewer overflows. These include the total number of overflows, total number equal to or greater than 1,000 gallons or reaching the waters of the United States, overflow response times, reduction in repeated incidents of overflow at same location, and reduction in number of overflows caused by flows exceeding the capacity of the collection system.

9.3 Program Modifications

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

9.4 Mapping of SSO Frequencies

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

10.0 Internal Audits

The Plan shall include internal audit procedures, appropriate to the size and performance of the system, for the Enrollee to comply with section 5.4 (Sewer System Management Plan Audits) of this General Order.

The LRO shall submit an audit Report in CIWQS. The report will be viewable by Water Board staff only. Sewer system operators must be involved in completing the audit, which at a minimum must:

- *Evaluate the implementation and effectiveness of the Enrollee's SSMP in preventing spills;*
- *Evaluate the Enrollee's compliance with this General Order;*
- *Identify Sewer System Management Plan deficiencies in addressing ongoing spills and discharges to waters of the State; and*
- *Identify necessary modifications to the Sewer System Management Plan to correct deficiencies.*

The Enrollee shall submit a complete audit report that includes:

- *Audit findings and recommended corrective actions;*
- *A statement that sewer system operators' input on the audit findings has been considered; and*
- *A proposed schedule for the Enrollee to address the identified deficiencies.*

10.1 SSMP Program Audit

The City SSMP committee shall conduct an internal audit and prepare a report every three years. The audit shall focus on evaluating the effectiveness of the SSMP and the CSMD's compliance with the SSMP requirements including identification of any deficiencies in the SSMP and steps to correct them. The audit shall also rely on interviews with key personnel, observations, equipment inspections, and review of records, etc. The most recent report of the audit will be kept on file in the Director of Public Works'/City Engineer's office.

10.2 SSMP Certification

The SSMP shall be certified by the Director of Public Works/City Engineer or authorized representatives to be in compliance with the requirements set forth in the WDRs and be presented to the City Council for approval at a public meeting. The City authorized representative 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:

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

10.3 SSMP Modification and Recertification

The SSMP must be updated every six 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 recertification. The recertification shall be in accordance with the certification process described in Section 10.2 above.

11.0 Communication Program

The Plan must include procedures for the Enrollee to communicate with:

- *The public for:*
  - *Spills and discharges resulting in closures of public areas, or that enter a source of drinking water, and*
  - *The development, implementation, and update of its Plan, including opportunities for public input to Plan implementation and updates.*
- *Owners/operators of systems that connect into the Enrollee's system, including satellite systems, for:*
  - *System operation, maintenance, and capital improvement-related activities.*

The public is notified of spills and discharges that result in closures of public areas (including streets and surface waters) by erecting cones and barricades, and by posting warning signs in accordance with the Spill Emergency Response Plan. The necessary equipment and signage are kept in the City's emergency response vehicle.

The City's Engineering Services webpage encourages customers who experience problems (e.g., sewer spills) that they suspect are related to the City's mainline system to call the City's Public Works Department. It provides phone numbers for use during business and non-business hours.

Copies of the CSMD District's SSMP will be maintained in the CSMD Alhambra headquarters office and all CSMD maintenance yards and posted in the LACDPW's home webpage.

The City of Santa Clarita's SSMP will be maintained at Santa Clarita City Hall and posted on the City's Public Works webpage.

Both agencies' SSMP shall also be made readily available to the Regional Water Quality Control Board representatives upon request and to the operators of any collection system or treatment facility downstream of the CSMD system.

- **Communication Program**

  The public is notified of spills and discharges that result in closures of public areas (including streets and surface waters) by erecting cones and barricades, and by posting warning signs in accordance with the Spill Emergency Response Plan. The necessary equipment and signage are kept in City's emergency response vehicle. Other information provided upon request to interested parties includes: a copy of completed SSMP, brochures and materials regarding collection system operations and maintenance, FOG and contact information and/or opportunities for input into the development and implementation process.

The complete SSMP and all references are available on he City's webpage. The County employs a variety of means for communicating with the public and contract agencies on the development, implementation., and update of the SSMP. The following sections describe the County's procedures for:

- Communicating with the public for spills and discharges resulting in closures of public areas, or that enter a source of drinking water.
- Communicating with the public on the development, implementation, and update of its SSMP, including opportunities for public input to Plan implementation and updates.
- Owners/operators of systems that connect into the Enrollee's system, including tributary systems, for system operation, maintenance, and capital improvement-related activities.

- **Procedures to Communicate with Public for Spills and Discharges**
  The Districts' procedures for communication with the public for spills and discharges are included in the Spill Emergency Response Plan in the LA County's SSMP Appendix F. Within 15 minutes of receiving confirmation that a spill with the potential to reach a storm drain or public waterway has occurred, the Districts Field Crew must contact Los Angeles County Department of Public Health through the County Operator. The Department of Public Health will post and remove signage for waterways and beach closures as required and will not remove the signs until the effects of the spill have been mitigated. A public press release will be made of the temporary closure due to a spill.

- **Procedures for General Communication with Public on SSMP**
  The City and the County provide the public and residents in its service areas with educational and informational materials related to the sewer collection system and the sewer maintenance services the County provides. The County relies heavily on the Sewer Maintenance webpage on the Los Angeles County Department of Public Works website to provide the public with sample information regarding the SSMP and SSMP program implementation: https://dpw.lacounty.gov/CSMD/CSMD/index.cfm

The following information is publicly accessible on the Sewer Maintenance webpage:

- Current SSMP
- SSMP Audit Report
- Interactive sewer mapping providing the public with a means to find the sewer map and sewer pipeline servicing their property
- Annual performance reports
- Condition assessment reports
- FOG best management practices
- Homeowner responsibilities
- Outreach Brochures (in multiple languages)

- Answers to frequently asked questions (in multiple languages)
- The Districts' provides a "Contact Us" link on the Sewer Maintenance webpage providing the public with a phone number for inquiries, an 800 number for emergencies, and a mailing address for written inquiries.
- To report urgent problems, the Sewer Maintenance webpage provides an emergency contact link:
    - https://pw.lacounty.gov/Contact/#emergencyInfo

The public can provide feedback on the SSMP and the performance of the Sewer Maintenance Districts using the online survey located on the Sewer Maintenance webpage:

- https://ladpw.org/general/survey/index.cfm?pid=ISBQICAK

- **Procedures to Communicate with Connecting Systems and Contract Agencies**
  The City and the County are in constant communication with entities that are connected to the system for operations, maintenance, and spill response related activities. For all agencies, CSMD communicates with the agency when capital improvement-related activities will impact another agencies system. Email broadcasts are sent to member cities to provide updates and communicate deadlines such as audit due dates. Additionally, CSMD staff will also communicate directly with District staff when necessary for coordination.

12.0 CSMD and City Responsibilities Under the WDR

The CSMD and the City, which is a part of the CSMD, will play significant roles, jointly and separately, toward achieving the goals of the WDRs. The LACPW shall apply for coverage under the WDRs for facilities it owns. The City will apply for coverage for its own facilities.

The SMD shall prepare a comprehensive SSMP for the Districts. The City in coordination with the LACPW will prepare its own SSMP. The City has previously adopted codes and regulations providing it with legal authority in conjunction with agreements with the Districts to enforce items stipulated in the WDRs.

Section 12.2 shows the CSMD cities and the SSO-related services currently provided by 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 of sanitary sewer systems. CSMD shall also be responsible for conducting structural evaluation of the sewer system and for correcting identified structural and maintenance deficiencies under the ACO program. Cities will be conducting the capacity study of their collection systems, if necessary, and correcting identified hydraulic deficiencies. The sample matrix on Section 12.3.1 is a listing of the Key Elements of the SSMP and the roles for the CSMD and the city. By completing and signing this above 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 SMD SSMP.

APPENDIX A

WASTE DISCHARGE REQUIREMENTS - NOTICE OF APPLICABILITY, CONTINUATION OF REGULATORY COVERAGE, STATEWIDE SANITARY SEWER SYSTEMS GENERAL ORDER, 2022-0103-DWQ

State Water Resources Control Board

Date: April 18, 2023

Amalia Marreh
Santa Clarita City
23920 Valencia Boulevard
Santa Clarita, CA 91355

NOTICE OF APPLICABILITY; CONTINUATION OF REGULATORY COVERAGE; STATEWIDE SANITARY SEWER SYSTEMS GENERAL ORDER, 2022-0103-DWQ

Dear Amalia Marreh

Thank you for certifying your Continuation of Existing Regulatory Coverage form in the California Integrated Water Quality System (CIWQS) database. This Notice of Applicability serves as confirmation of the continuation of regulatory coverage from Order 2006-0003-DWQ to Order 2022-0103-DWQ for:

- Agency name: Santa Clarita City
- Sanitary Sewer System name: Santa Clarita City CS
- Waste Discharge Identification Number (WDID): 4SSO10429
- Certification date: April 18, 2023

As of the June 5, 2023 effective date, General Order 2022-0103-DWQ serves as the new statewide waste discharge requirements regulating sanitary sewer systems. The General Order, including all Attachments, is enforceable by the State Water Resources Control Board and the applicable Regional Water Quality Control Board. As of June 5, 2023, Order 2006-0003-DWQ is rescinded (except for enforcement purposes) and previously-held regulatory coverage under Order 2006-0003-DWQ is terminated.

If you have any questions regarding the statewide Sanitary Sewer Systems General Order or this Notice of Applicability, please email your questions to SanitarySewer@waterboards.ca.gov.

Sincerely,

Karen Mogus, Deputy Director
Division of Water Quality

APPENDIX B

LIST OF STAFF RESPONSIBLE FOR IMPLEMENTING SPECIFIC ELEMENTS OF THE SSMP

AND

INVENTORY OF SEWER MAINTENANCE DISTRICTS EQUIPMENT

List of Staff Responsible for Implementing Specific Elements of the SSMP Contact Information for Positions Responsible for SSMP

Responsible Org. Unit	Responsible Position	Name, Phone Number, Email	SSMP Element
Sewer Maintenance Division	Division Manager	Andrew Ngumba (626) 262-2057 angumba@pw.lacounty.gov	1. Introduction and Goal 2. Organization 3. Legal Authorities 9. Monitoring, Measurement and Program Modifications 10. Internal Audit 11. Communication Program
Sewer Maintenance Division	Principal Civil Engineer	Alex Villarma (626) 300-3374 avillarama@pw.lacounty.gov	4. Operation and Maintenance Program – Pipelines 6. Spill Emergency Response Plan
Sewer Maintenance Division	Senior Civil Engineer, Treatment Plants and Pump Stations	Jeff Bouse (626) 476-6709 jbouse@pw.lacounty.gov	4. Operation and Maintenance Program – Pump Stations
Design	Division Manager	Youn Sim (626) 458-7800 ysim@pw.lacounty.gov	5. Design and Performance Provisions - Design
Project Management Division III	Division Manager	John Adkins (626) 458-3100 jadkins@pw.lacounty.gov	5. Design and Performance Provisions – Construction
Environmental Programs Division	Division Manager	Emiko Thompson (626) 458-3500 ethomp@pw.lacounty.gov	7. Sewer Pipe Blockage Control Program
Sewer Maintenance Division	Senior Civil Engineer, Operations & Engineering Administration	Voltaire Llana (626) 238-3179 vllana@pw.lacounty.gov	8. System Evaluation, Capacity Assurance and Capital Improvements – Condition Assessment and Prioritization of Corrective Actions
Land Development	Division Manager	Ciara Barnett (626) 458-4900 cbarnett@pw.lacounty.gov	8. System Evaluation, Capacity Assurance and Capital Improvements – Capacity Assurance, County unincorporated areas

Responsible Org. Unit	Responsible Position	Name, Phone Number, Email	SSMP Element
Project Management Division III	Division Manager	John Adkins (626) 458-3100 jadkins@pw.lacounty.gov	8. System Evaluation, Capacity Assurance and Capital Improvements – Capital Improvement Plan

Table 2.1 City Personnel Involved in SSMP Implementation

Position	Name	Phone Number	Emails
Director of Public Works	Mike Hennawy	(661) 286-4056	MHENNAWY@santa-clarita.com
City Engineer	Damon Letz	(661) 255-4982	DLETZ@santa-clarita.com
Assistant City Engineer (LRO)	Amalia Marreh	(661) 255-4363	AMARREH@santa-clarita.com
General Services Manager	Cruz Caldera	(661) 294-2519	CCALDERA@santa-clarita.com
Environmental Services Manager	Darin Seegmiller	(661) 255-4930	DSEEGMILLER@santa-clarita.com
Senior Engineer	Raymond Messih	(661)-255-4914	RMESSIH@santa-clarita.com

DEPARTMENT OF PUBLIC WORKS
ORGANIZATION COST ACCOUNT STRUCTURE

SEWER MAINTENANCE DIVISION

Division Level	Organization Names	OCA No.
Division	Sewer Maintenance Division-Administration	494000
Section 1	Administration and Office Support	494100
Section 1	Field Operations and Maintenance-Administration	494200
Unit 1	Collection System-Central	494210
Unit 2	Collection System-South	494220
Unit 3	Collection System-North	494230
Unit 4	Collection System-East	494240
Unit 5	Collection System-Santa Clarita Yard	494250
Unit 6	Collection System-Palos Verdes	494260
Section 2	Operations and Engineering-Administration	494300
Unit 1	Procurement, Claims and Accounts Payable	494310
Unit 2	Direct Assessment, Records Maintenance and Accounts Receivable	494320
Unit 3	Accumulative Capital Outlay / Condition Assessment	494330
Unit 4	Sewer Plan Check and Special Proj.	494340
Unit 5	Operations Maps, Annexation Maps, and as-Built Drawings	494350
Section 3	Treatment and Pumping Operations-Administration	494400
Unit 1	East and Central pumping Operations	494410
Unit 2	South Pumping Operations	494420
Unit 3	North/West pumping and Treatment Plant Mech	494430
Unit 4	Wastewater Treatment Plant Operations-East/South	494440

County of Los Angeles
Department of Public Works
DPW eCAPS Reporting System (DeRS)
ASSETS BY

DIVISION: 49400 Sewer Maintenance Division - Administration
CUSTODIAN: PWTBOHANNO
CUSTODIAN NAME: Tim Bohannon

TAG NUMBER	FA NUMBER	ASSET DESC	MANUFACTURER	MODEL NUMBER	SR NUMBER	LOC CD	LOC DESC	SLOC	FA TYPE	CUSTODIAN NAME	END USER	ACQ DATE	NET BOOK VALUE
06-282	1063371	TRUCK FORD/05 F-150 XL TRITON PICK UP	FORD	F-150	1FTRX12W95NB96265	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		05/01/2006	0.00
06-285	1063374	TRUCK FORD/06 F-150 EXT CAB PICK UP	FORD	F-150 XL TRITON	1FTRX12W06KA89575	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		05/01/2006	0.00
06-523	E0033451	TRUCK 2014/FORD F-150 EXTENDED CAB 4X2 PICKUP	FORD	F150	1FTFX1CT3EKF94483	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	ALONSO, JUAN	12/12/2014	19,031.20
06C-002	E0043655	TRUCK 2016/FORD F150 XL1/2 TON EXT CAB 4X4 PICK UP CNG	FORD	F150XL	1FTEX1CF0GKF56699	L851	Los Angeles - 1129 E. 59th St 90001 (SM South Yard)	9422	E	Tim Bohannon	JAIME OCHOA	02/08/2016	-3,157.56
08-017	E0021670	TRUCK 2011/FORD F-250 REG CAB PICK UP 4X2 W/LIFT GATE	FORD	F250	1FTBF2A66BEB81455	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	04/22/2011	7,010.77
08-031	E0029235	TRUCK 2013/FORD F-250 REG CAB 4X2 PICKUP	FORD	F250	1FTBF2A60EEA16604	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	11/13/2013	16,221.61
08-989	1063272	TRUCK FORD/06 F-250 XL PICK UP REG CAB	FORD	F-250	1FTNF20526EB00205	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		11/01/2005	0.00
08-999	E0003249	TRUCK FORD/08 F-250 P/U REG CAB	FORD	F-250 XL SUPER DUTY	1FTNF20518EA79799	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		06/01/2007	0.00
09-463	E0033842	TRUCK 2014/FORD F-250 REG CAB 4X2 UTILITY BODY W/LIFTGATE	FORD	F250	1FTBF2A64EEB27852	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		02/11/2015	22,609.29
126-002	1056627AX	TRUCK 2000 GMC SEWER JETER W/DSF002 (ORIGINAL TAG # 21-224)	GENERAL MOTOR CO	4700 HYDRO	1GDP7H1C1YJ503748	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	VIVES, JAMES	05/01/2001	0.00
126-006	E0015618	TRUCK 09/ INT'L DURA STAR/ SEWER (ORI. TAG # 21-283)	INTERNATIONAL	DURA STAR	1HTMMAARX9H128062	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	07/28/2009	106,947.53
126C-001	E0019661	TRUCK HYDRO JET / CAMERA/FOAMER (ORI.TAG #21C-004)	INTERNATIONAL	4400 SBA 4X2 CNG	1HTMKAAR9AH260661	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	06/11/2010	143,859.26

County of Los Angeles
Department of Public Works
DPW eCAPS Reporting System (DeRS)
ASSETS BY

DIVISION: 49400 Sewer Maintenance Division - Administration
CUSTODIAN: PWTBOHANNO
CUSTODIAN NAME: Tim Bohannon

TAG NUMBER	FA NUMBER	ASSET DESC	MANUFACTURER	MODEL NUMBER	SR NUMBER	LOC CD	LOC DESC	SLOC	FA TYPE	CUSTODIAN NAME	END USER	ACQ DATE	NET BOOK VALUE
128-005	E0020667	TRUCK 2011/FORD F-450 CREW CAB XLT SEWER INSP(ORI.TAG#13-464	FORD	F-450	1FD9W4GY9BEA63494	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	12/21/2010	21,535.68
128-008	1058767X	TRUCK GMC RODDER (ORI.TAG#21-225)	GENERAL MOTOR CO	C6500	1GBJ7H1C51J501456	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	07/01/2001	0.00
128-015	E0006908	TRUCK GMC/08 C6500/RODDER 866(ORI.TAG#21-275)	GMC	C6500	1GDJ6C1G18F402209	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		01/01/2008	23,880.30
128-018	E0033042	TRUCK2015/FORD F-650 REG CAB MODEL 877 RODDER	FORD	F-650	3FRNF6HPXFV513915	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	10/14/2014	168,129.94
129-006	E0008981	TRUCK FORD/08 F-350 SEWER INSPECTION (ORI.TAG#13-427)	FORD	F-350	1FDWF36Y48EC06990	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	LEAL, ISAAC	06/01/2008	6,055.55
129-010	E0010710	TRCK FORD/06 SWR INSPCT REG CAB UTLTY BOX BDY-ORG TAG#13-435	FORD	F350	1FDWF36YX6EC86406	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	09/22/2008	6,804.17
129-012	E0017641	TRUCK CREW CAB 2008/ FORD F350 SWR SVC BODY(ORG TAG# 13-455)	FORD	F-350	1FDWW36Y68EE41701	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		07/07/2010	15,172.69
13-282	1058786X	TRUCK GMC/2000 CONE BODY	GMC	TC31803	1GDKC34JXYF501390	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	08/01/2001	0.00
13-308	1058791AX	TRUCK FORD/2001 STAKEBED W/LIFTGATE	FORD	F-450	1FDXF46S01ED79854	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	10/01/2001	0.00
13-494	E0027662	VAN 2013/FORD E-450 TV CAMERA SEWER INSPECTION W/I564888,...	FORD	E-450	1FDXE4FS1DDA10496	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	03/26/2013	68,254.47
13-516	E0037968	TRUCK 2015/FORD F550 REG CAB UTILITY BODY DUMP 4X2	FORD	F550	1FDUF5GY4FEA64252	L851	Los Angeles - 1129 E. 59th St 90001 (SM South Yard)	9422	E	Tim Bohannon		11/04/2015	60,887.26
21-188	1051528	TRUCK CHEV/94	CHEVROLET	CC7H042	1GBM7H1J2RJ108893	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	11/01/1994	0.00

County of Los Angeles
Department of Public Works
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ASSETS BY

DIVISION: 49400 Sewer Maintenance Division - Administration
CUSTODIAN: PWTBOHANNO
CUSTODIAN NAME: Tim Bohannon

TAG NUMBER	FA NUMBER	ASSET DESC	MANUFACTURER	MODEL NUMBER	SR NUMBER	LOC CD	LOC DESC	SLOC	FA TYPE	CUSTODIAN NAME	END USER	ACQ DATE	NET BOOK VALUE
21-320	E0041941	TRUCK 2015/FORD F650 SUPER REG MASONARY UTE BODY W/ PW45710				S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		10/27/2016	-6,439.87
24-110	1048548	TRUCK DUMP 93	INTERNATIONAL	2554	1HTGBN2N4PH473638	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	12/01/1992	0.00
27C-012	E0042940	TRUCK 2017/FREIGHTLINER 114SD REG CAB 10 YD DMP BODY CNG	FREIGHTLINER	114SD	1FVHG3D95HHHP9862	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		03/17/2017	-15,066.31
41-141	E0004225	COMPRESSOR INGERSOLL RAND P185R	INGERSOLL RAND	P185R	4FVCABCA17U383298	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		06/01/2007	5,673.69
69-063	1058806X	LOADER CASE/2001 BACKHOE WHEEL 4X4	CASE	580M TURBO	JJG0308747	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	12/01/2001	2,317.69
88-712	1059021	PUMP PIONEER/02 WATER/TRASH TRLRMTD	PIONEER	TPP66S20	2321P	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	02/01/2003	17,288.74
98-087	1054099X	FORKLIFT 97 HYSTER 4000 LB CAP	HYSTER	H40XM	D001H03803U	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	11/01/1997	0.00
DAB031 01	P0006568	ARROWBOARD STARLITE TRAF/CONTRL TRLRMTD	STARLITE		1S9A51018ML358771	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	09/01/1992	3,734.62
DBW072 01	P0006577	BLOWER SUPER VAC P244C PORT	SUPER VA	P244C	914080	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	08/01/1991	2,197.58
DGP709 01	P0006614	GENERATOR ONAN ELEC PORT 6.5KW	ONAN	PRO600E PORT	GH400550775	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	CHILDRESS, MART	03/01/1992	2,053.25
DMC270 01	P0006643	MIXER CONCRTE WHITEMAN	WHITEMAN		PC23100	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	06/01/1992	2,978.36
DSF002 01	1008113	SPRAYER / FOAMAKER MTD ON 21-224	VAPOROOTR	D30	8200019	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	10/01/1992	0.00

DIVISION: 49400 Sewer Maintenance Division - Administration
CUSTODIAN: PWTBOHANNO
CUSTODIAN NAME: Tim Bohannon

TAG NUMBER	FA NUMBER	ASSET DESC	MANUFACTURER	MODEL NUMBER	SR NUMBER	LOC CD	LOC DESC	SLOC	FA TYPE	CUSTODIAN NAME	END USER	ACQ DATE	NET BOOK VALUE
DSM067 01	P0006654	STEM CLEANER			41293	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	03/01/1993	3,220.44
I465016 01	P0007132	PUMP-M#QP40TA			1869	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	02/01/1989	1,889.04
I465041 01	P0007135	DUSTER ROACH			143CSBG-20	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	02/01/1990	3,650.67
I465338 01	P0007166	WELDER LINCOLN			993U192110	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	01/01/1993	2,605.69
I543869 01	P0007736	DYNA HOST TRIPOD SYS F/CONFINED SPACE	PACIFIC SAFETY E	506213	DH0216A	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	04/01/1992	2,085.84
I543879 01	P0007744	SELF RETRACTABLE LIFELINE HOIST SYS	PACIFC SAFETY EQ	DYNEVAC 506218	V11655M	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	04/01/1992	2,085.84
I543880 01	P0007745	DYNA HOST TRIPOD SYS F/CONFINED SPACE	PACIFIC SAFETY E	506213	DH0211A	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	04/01/1992	2,085.84
I543881 01	P0007746	DYNA HOST TRIPOD SYS F/CONFINED SPACE	PACIFIC SAFETY E	506213	DH0222A	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	04/01/1992	2,085.84
I543882 01	P0007747	DYNA HOST TRIPOD SYS F/CONFINED SPACE	PACIFIC SAFETY E	506213	DH0215A	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	04/01/1992	2,085.84
I543884 01	P0007748	DYNA HOST TRIPOD SYS F/CONFINED SPACE	PACIFIC SAFETY E	506213	DH0203A	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	04/01/1992	2,085.84
I543886 01	P0007749	SELF RETRACTABLE LIFELINE			911469	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	04/01/1992	2,085.84
I543903 01	P0007765	DYNA HOST TRIPOD SYS F/CONFINED SPACE	PACIFIC SAFETY E	506213	H0219	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	RUECKERT KARL	04/01/1992	2,085.84

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I547627 01	P0007795	SELF RETRACTABLE LIFELINE			911612 / V11612M	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	04/01/1992	2,085.83
I547637 01	P0007799	SELF RETRACTABLE LIFELINE			911613 / V11613M	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	RUECKERT KARL	04/01/1992	2,085.84
I562329 01	1051152	SPRAYER DUST		10HGK32	0893D01	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	02/01/1994	0.00
I562494 01	P0007944	WINCH ASSEMBLY CUES W/D13237	CUES		2235	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	RAMIREZ, RICHAR	01/01/1995	4,800.44
I562496 01	1051550B	CAMERA RVC II CUES W/D13237	CUES	RVC II	4375	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	RAMIREZ, RICHAR	01/01/1995	0.00
I563218 01	1054193A	CUTTER ROOT LUMBERJACK	LUMBERJACK			S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	RAMIREZ, RICHAR	03/01/1999	915.56
I563456 01	1058926A	CAMERA TV CUES W/13-237	CUES		1052-00150-0402	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	06/01/2002	0.00
I563457 01	1058926B	CAMERA TRANSPORTER CUES W/13-237	CUES	MC400 REVD	4527	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	GARCIA, MICHAEL	06/01/2002	0.00
I563893 01	E0002988	SWEEPER TENNANT/06 W/TRL I563895 01	TENNANT COMPANY	6650 XP	665010862	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		11/01/2006	1,251.68
I563895 01	E0002990	TRAILER ZIEMAN/06 1150 W/I563893 01	ZIEMAN MFG CO.	102-1150-E	1ZCT20E226ZP27149	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		11/01/2006	406.92
I564484 01	E0019685	TRAILER 2010 TWAMCO TC040LB-PT BACKHOE TRAILER (TU-207)	TWAMCO	TC040LB-PT	1T9PL3220A1473016	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	08/11/2010	5,957.20
I564618 01	E0022436	CUTTER MULTI-PURPOSE LUMBERJACK 300 SERIES	NOZZTEQ	300 SERIES	11685	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		06/28/2011	7,970.58

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I564888 01	E0027664	GENERATOR ONAN M#7HGJAD W/13-494 COMPARTMENT	ONAN	7HGJAD	G120363759	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	03/26/2013	4,348.16
I564889 01	E0027665	CAMERA TRANSPORTER BRASS COMPACT PIPE RANGER W/13-494	CUES	CPR	12101902	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	W/13-494	03/26/2013	10,086.49
I564890 01	E0027667	CAMERA OZ III COLOR SEWER INSPECTION W/13-494	CUES	MZ300-2D	12110604	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	W/13-494	03/26/2013	16,529.63
I564891 01	E0027669	LIFT ELECRTIC CAMERA FOR CPR W/13-494	CUES	CPR	12100304	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	W/13-494	03/26/2013	3,952.86
I564892 01	E0027670	CAMERA TRANSPORTER WTR COMPACT WHEELED W/13-494	CUES	TX361	12110202	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	W/13-494	03/26/2013	7,028.05
I564893 01	E0027671	CAMERA OZ III COLOR SEWER INSPECTION W/13-494	CUES	MZ300-2D	12110603	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	W/13-494	03/26/2013	16,529.63
I564894 01	E0027672	COMPUTER CUES GXP WINDOWS 7 RACK MTD W/13-494	CUES	GXP	WS501659	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	W/13-494	03/26/2013	11,590.59
I564895 01	E0027673	COMPUTER K2 SUMMIT PCU W/13-494	SUMMIT	PCU	12101605	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	W/13-494	03/26/2013	4,853.97
I564896 01	E0027674	COMPUTER K2 SUMMIT CCU W/13-494	SUMMIT	CCU	12110803	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon	N/A	03/26/2013	4,642.95
I565362 01	E0043510	CUES MARK 3 VIDEO CABLE REEL 1000 FT. W/ 126C-003	CUES	MARK3	17011303	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		04/24/2017	-1,219.48
I565363 01	E0043511	CUES PCU MARK 3/DISPLAY CASE W/126C-003	CUES	MARK3	17020102	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		04/24/2017	-1,262.60
I565382 01	E0043513	CUES TRANSPORTER ASSY. M/C TRACK WTRIII W/126C-003	CUES	WTRIII	17020601	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		04/24/2017	-584.32

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I565383 01	E0043514	CUES CAMERA ASSY. M/C OZIII W/126C-003	CUES	OZIII	17011804	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	E	Tim Bohannon		04/24/2017	-1,264.95
PW15354	P0009674	BREATHG APPARATUS SCOTT SCBA S		TC13F401	99100115	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	03/01/1999	1,145.73
PW15356	P0009676	BREATHG APPARATUS SCOTT SCBA S		TC13F401	99100118	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	03/01/1999	1,145.73
PW20813	P0013303	GENERATOR ONAN 93 / GP728	ONAN		1110740	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	05/01/2002	1.00
PW20814	P0013304	CONCRETE SAW 98 TARGET 14" / CS071	TARGET	PACIVBKM	224415	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	05/01/2002	1.00
PW20815	P0013305	WELDER MILLER 2 FIFTY TWIN / I225113	MILLER	2 FIFTY TWIN	72-623643	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	05/01/2002	1.00
PW20868	P0013350	TV/VCR COMBO PANASONIC	PANASONIC	HI FI STEREO	EOAA10928	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	05/01/2002	1.00
PW20869	P0013351	TELEVISION ZENITH	ZENITH		62244460053	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	05/01/2002	1.00
PW20870	P0013352	VCR GO VIDEO DOUBLE DECK	GO VIDEO		644406050554	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	05/01/2002	1.00
PW20872	P0013354	SEWER CLEANING MACHINE ELECT/EEL		ELECTRIC EEL	2377A	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	06/01/2002	1.00
PW20873	P0013355	VACUUM YARD PARKER SCAVENGER	PARKER	SV89301CSP	966B0091	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	05/01/2002	1.00
PW20874	P0013356	WASHER MACHINE MAYTAG	MAYTAG		31276590YY	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	05/01/2002	1.00

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PW20875	P0013357	DRYER MACHINE MAYTAG	MAYTAG		31395428YY	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	05/01/2002	1.00
PW20887	P0013366	SELF RETRACTABLE ROSE MFG GYNAVAC	ROSE	DYNAVAC	D11651M	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	01/01/2002	1.00
PW20888	P0013367	SELF RETRACTABLE ROSE MFG DYNAVAC	ROSE	DYNAVAC	D11579M	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon		06/01/2002	1.00
PW20890	P0013369	METAL DETECTOR UNDERGROUND PIPES GOLDAK	GOLDAK	5600	641262	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	06/01/2002	1.00
PW21010	P0013463	TRIPOD (I547626)			10941	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	06/01/2002	1.00
PW21011	P0013464	TRIPOD			10966	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	06/01/2002	1.00
PW21012	P0013465	TRIPOD			10984	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	06/01/2002	1.00
PW21013	P0013466	TRIPOD			10970	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	06/01/2002	1.00
PW21014	P0013467	TRIPOD (I547624)			10934	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	06/01/2002	1.00
PW22214	P0014557	SONY MAVICA MVC-FD200	SONY	MAVICA MVC-FD200	382476	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	08/01/2002	540.00
PW23085	P0015409	GENERATOR HONDA 11000 WATT (GP756)	HONDA	EB11000	3009939	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MICHAEL	06/16/2003	3,662.00
PW26116	P0017999	MONITOR 19" SAMSUNG 910MP FLAT PANEL	SAMSUNG	910MP FLTPANEL SILVR	MZ19HCHY701073P	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon		08/01/2005	401.63

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PW26170	P0018052	MONITOR 19" SAMSUNG 910MP FLAT PANEL	SAMSUNG	910MP	MZ19HCHY701061D	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon		08/01/2005	405.13
PW26852	P0018725	LAPTOP DELL LATITUDE 810	DELL	810 LATITUDE	6RGN691	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	HILL, JAMIE	01/01/2006	2,098.06
PW27895	P0019836	GAS MONITOR ISC ITX MULTI GAS	IND SCIENTIFIC	ITX MULTI GAS	06020F1221	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon		04/01/2006	1,571.00
PW28416	P0027996	GAS DETECTOR MONITR ISC ITX MULTI	IND SCIENTIFC CO	ITX MULTI	06020F1222	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon		04/01/2006	1,571.00
PW28825	P0028293	SCANNER HP 8250 SCANJET	HEWLETT PACKARD	8250 SCANJET	CN67MAO515	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon		02/01/2007	991.21
PW29544	P0029216	CAMERA CASIO DIGITAL EXZ1050 EXILIM	CASIO	EXZ1050 EXILIM DIGTL	80013815AD	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon		08/01/2007	319.36
PW29759	P0029692	FLOW METER HACH SIGMA 910 PORT	HACH CO	SIGMA 910 PORT	070800061192	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	VIVES, JAMES	09/01/2007	4,113.83
PW29951	P0029611	MONITOR DELL ULTRASHARP 1908FP	DELL	ULTRASHARP 1908FP	CN0DY8404663375PGDSR	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon		09/01/2007	268.86
PW30640	P0031567	GAS MONITOR INDUSTRIAL SCIENTIFIC CORP. ITX 18104307-11014	INDUSTRIAL SCIENTIFIC COR	ITX 18104307-11014	07060A4022	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MIKE	06/28/2007	1,371.90
PW30641	P0031568	GAS MONITOR INDUSTRIAL SCIENTIFIC CORP. ITX 18104307-11014	INDUSTRIAL SCIENTIFIC COR	ITX 18104307-11014	0705190005	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MIKE	06/28/2007	1,371.90
PW30643	P0031570	DOCKING STATION INDUSTRIAL SCIENTIFIC DS2 ITX IDS 1810-5551	INDUSTRIAL SCIENTIFIC COR	DS2 ITX IDS 1810-5551-000	070600W-048	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MIKE	06/28/2007	1,538.57
PW30644	P0031571	DOCKING STATION INDUSTRIAL SCIENTIFIC DS2 ITX IDS 1810-5551	INDUSTRIAL SCIENTIFIC COR	DS2 ITX IDS 1810-5551-000	070600W-042	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MIKE	06/28/2007	1,538.57

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PW30689	P0031600	GAS MONITOR INDUSTRIAL SCIENTIFIC CORP ITX 18104307-11014	INDUSTRIAL SCIENTIFIC COR	ITX 18104307-11014	07060A4023	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MIKE	06/28/2007	1,371.90
PW30690	P0031601	GAS MONITOR INDUSTRIAL SCIENTIFIC CORP ITX 18104307-11014	INDUSTRIAL SCIENTIFIC COR	ITX 18104307-11014	07060A4033	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MIKE	06/28/2007	1,371.90
PW30692	P0031603	GAS MONITOR INDUSTRIAL SCIENTIFIC CORP ITX 18104307-11014	INDUSTRIAL SCIENTIFIC COR	ITX 18104307-11014	07060A4029	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MIKE	06/28/2007	1,371.90
PW30693	P0031604	GAS MONITOR INDUSTRIAL SCIENTIFIC CORP ITX 18104307-11014	INDUSTRIAL SCIENTIFIC COR	ITX 18104307-11014	07060A4030	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MIKE	06/28/2007	1,371.90
PW32833	P0032621	CANON POWER SHOT A2000IS	CANON	POWER SHOT A2000IS	8826402453	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	09/30/2009	198.24
PW33613	P0033619	MONITOR HP LA2205WG	HP	LA2205WG	3CW0143HGJ	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	05/18/2010	192.06
PW33903	P0034061	STORAGE SEAGATE FREE AGENT 320GB	SEAGATE	FREE AGENT 320GB	2GE6MY5T	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	JIM VIVES	08/30/2010	85.41
PW33956	P0034096	DIGITAL CAMERA OLYMPUS STYLUS 7030	OLYMPUS	STYLUS 7030	J5U226371	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	JIM VIVES	09/13/2010	191.13
PW34468	P0034433	MONITOR HP LP2405WG	HP	LP2405WG	CN40390J48	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	11/09/2010	271.08
PW36657	P0038011	HP LA2405X MONITOR	HP	LA2405X	CN42230P3J	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	GARCIA, MIKE	08/06/2012	225.19
PW36891	P0038303	HP LA2405X MONITOR	HP	LA2405X	CN42330N33	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	ALONSO JUAN	01/08/2013	233.19
PW38581	P0041463	HP PROBOOK 6570B LAPTOP	HP	PROBOOK 6570B	5CB3430D7R	A223	Alhambra - 1000 S. Fremont Ave. 91803 (Braun 4th Fl)	9432	P	Tim Bohannon	TIM BOHANON	11/26/2013	1,125.53

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DPW eCAPS Reporting System (DeRS)
ASSETS BY

DIVISION: 49400 Sewer Maintenance Division - Administration
CUSTODIAN: PWTBOHANNO
CUSTODIAN NAME: Tim Bohannon

TAG NUMBER	FA NUMBER	ASSET DESC	MANUFACTURER	MODEL NUMBER	SR NUMBER	LOC CD	LOC DESC	SLOC	FA TYPE	CUSTODIAN NAME	END USER	ACQ DATE	NET BOOK VALUE
PW41075	P0039491	HP ELITE 6300 PRO COMPUTER	HP	ELITE 6300 PRO	MXL3071NGW	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	JUAN ALANZO	03/28/2013	664.64
PW41252	P0039888	VIEWSONIC VS14565-1M HDMI 19" MONITOR W/13-494	VIEWSONIC	VS14565-1M	T15121800707	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	W/13-494	03/26/2013	715.03
PW41253	P0039889	VIEWSONIC VS14565-1M HDMI 19" MONITOR W/13-494	VIEWSONIC	VS14565-1M	T15121800933	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	W/13-494	03/26/2013	715.03
PW41254	P0039890	VIEWSONIC VS14565-1M HDMI 19" MONITOR W/13-494	VIEWSONIC	VS14565-1M	T15121801205	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	W/13-494	03/26/2013	715.03
PW41513	P0040332	HP ELITE 6300 PRO COMPUTER	HP	ELITE 6300 PRO	MXL3161ZBR	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	FRANK BENSON	05/22/2013	664.64
PW41514	P0040333	HP ELITE 6300 PRO COMPUTER	HP	ELITE 6300 PRO	MXL3161Z7K	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	MIKE GARCIA	05/22/2013	664.64
PW41660	P0039891	PROTOTEK LF 2000 DIGITAL LOCATOR TO USE WITH SONDE W/13-494	PROTOTEK	LF2000	122344	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	W/13-494	03/26/2013	1,956.54
PW42674	P0043646	HP 2405X - 24 INCH	HP	LA2405X	CN4452023Q	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	04/07/2015	250.78
PW42756	P0043803	HP PRODESK 600G1 - BUSINESS DESKTOP	HP	600 GI	MXL5170J21	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	05/18/2015	607.02
PW42757	P0043819	HP PRODESK 600 - BUSINESS ALL-IN-ONE	HP	600 AOI	MXL51925CM	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	05/18/2015	858.87
PW44062	P0045115	HARRIS RADIO XG-75	HARRIS	XG-75	A40205005000	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	10/01/2015	2,800.00
PW44063	P0045116	HARRIS RADIO XG-75	HARRIS	XG-75	A40205004FFF	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	10/01/2015	2,800.00

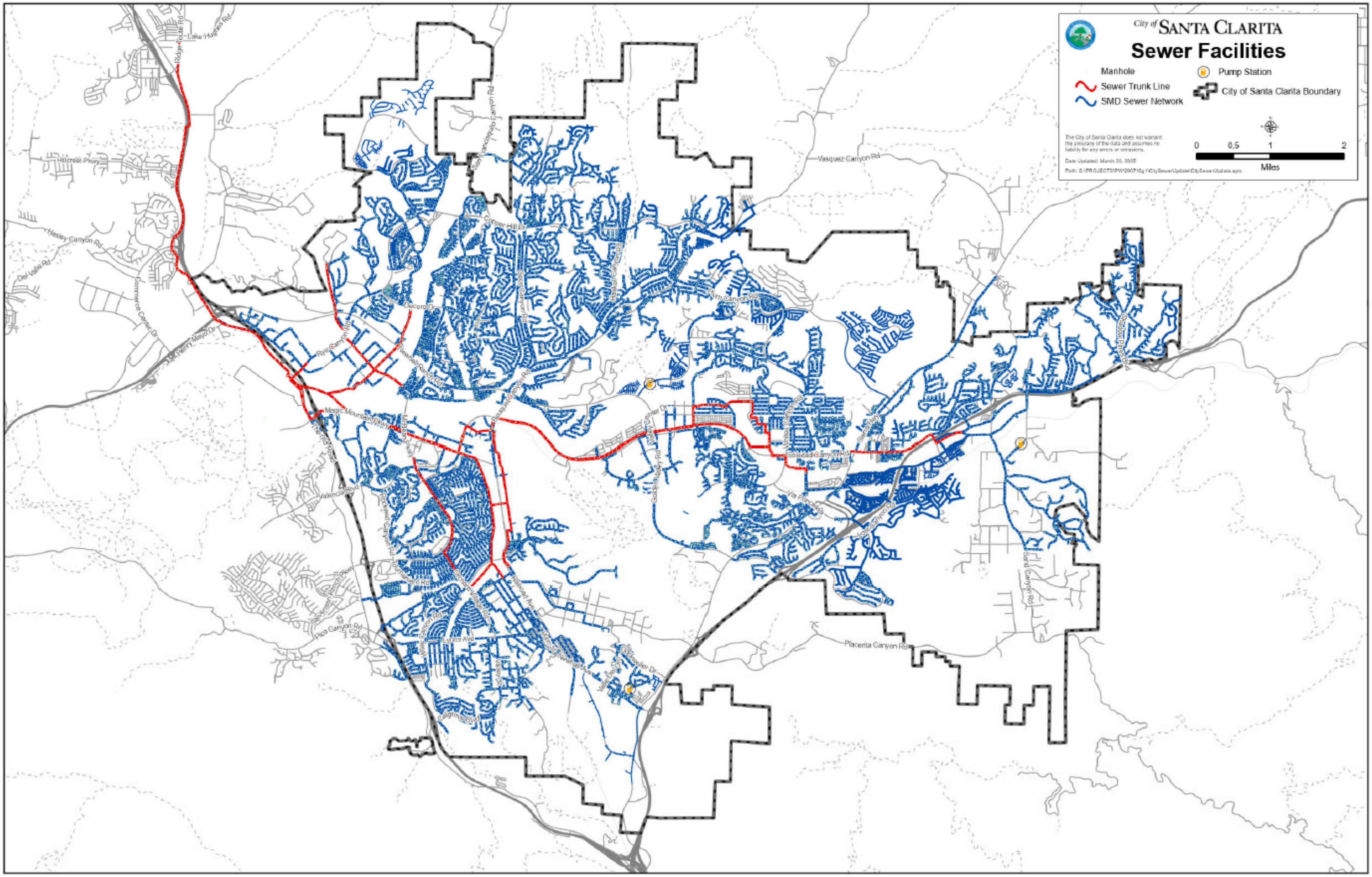
County of Los Angeles
Department of Public Works
DPW eCAPS Reporting System (DeRS)
ASSETS BY

DIVISION: 49400 Sewer Maintenance Division - Administration
CUSTODIAN: PWTBOHANNO
CUSTODIAN NAME: Tim Bohannon

TAG NUMBER	FA NUMBER	ASSET DESC	MANUFACTURER	MODEL NUMBER	SR NUMBER	LOC CD	LOC DESC	SLOC	FA TYPE	CUSTODIAN NAME	END USER	ACQ DATE	NET BOOK VALUE
PW44064	P0045117	HARRIS RADIO XG-75	HARRIS	XG-75	A4020500503F	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	10/01/2015	2,800.00
PW44065	P0045118	HARRIS RADIO XG-75	HARRIS	XG-75	A40205004F70	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	10/01/2015	2,800.00
PW44439	P0045918	HP E242 - 24 INCH	HP	E242	CN46090PKV	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	JENNIFER E. GARCIA	04/15/2016	225.71
PW44992	P0046583	HP PRODESK 400 G1 - BUSINESS DESKTOP	HP	400G1	MXL61523R3	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	04/14/2016	581.52
PW44998	P0046589	HP PRODESK 400 G1 - BUSINESS DESKTOP	HP	400G1	MXL61526FL	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon	N/A	04/14/2016	581.52
PW45710	P0047151	HAMMER INGERSOLL RAND MX90-STD 14W0830 W/21-320	INGERSOLL RAND	MX90-STD	14W0830	S400	Sta Fe Springs - 12015 Shoemaker 90670 (SM Ctr Yd)	9421	P	Tim Bohannon		10/27/2016	
PW9104	P0021660	CABLETRON SEHI-24		SEHI-24	1094610008	A600	Arcadia - 125 S. Baldwin Ave. 91007 (BS San Gabriel Valley)	8581	P	Tim Bohannon	FRANK BENSON	03/01/1996	2,364.00
												TOTAL FOR CUSTODIAN: PWTBOHANNO	881,584.38
Summary													TOTAL RECORD COUNT: 713

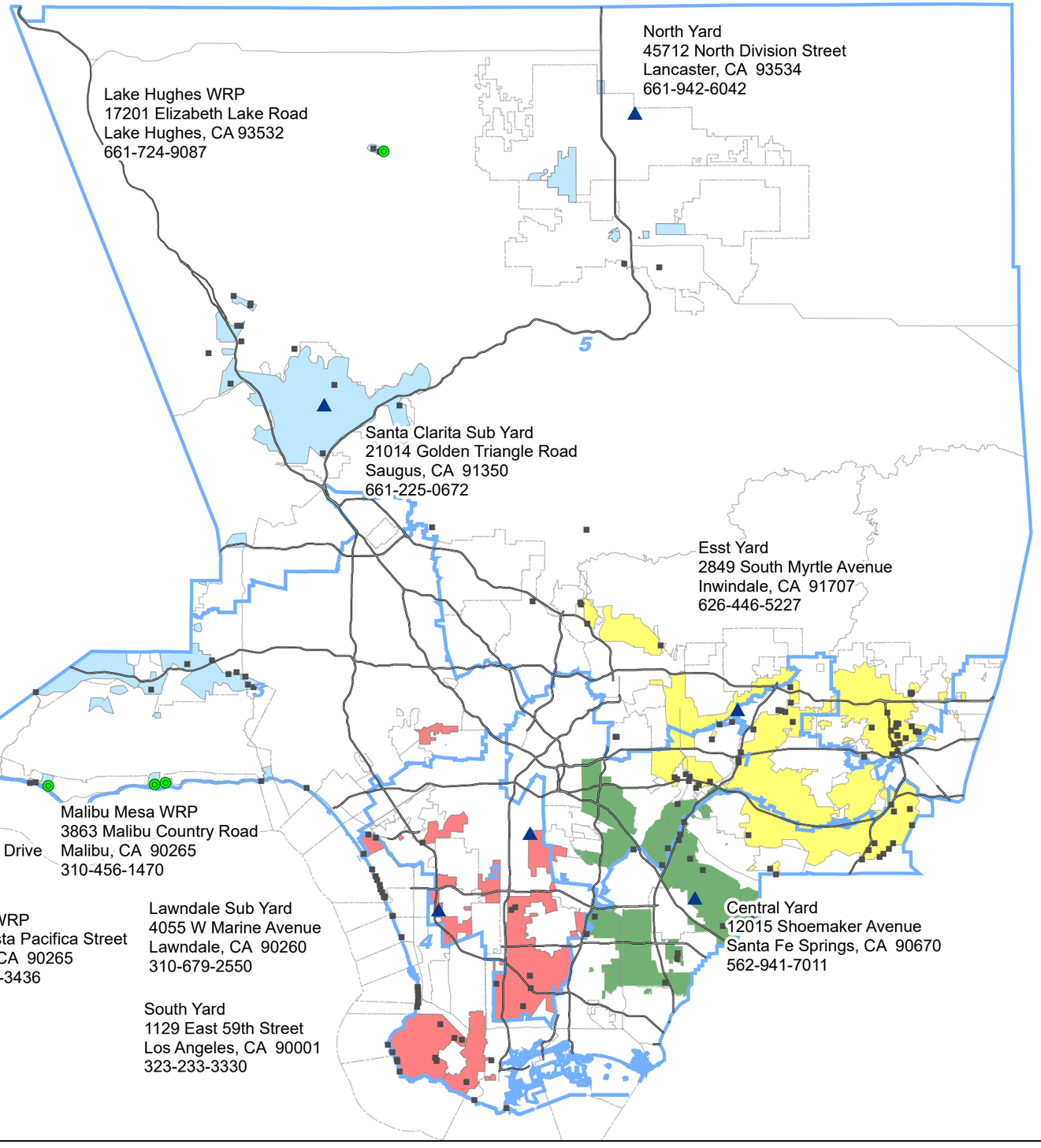
APPENDIX C

LOCATION MAP FOR SEWER MAINTENANCE DISTRICTS YARDS AND PUMP STATIONS AND CITY OF SANTA CLARITA SEWER FACILITIES


City of SANTA CLARITA
Sewer Facilities
Manhole
Sewer Trunk Line
SMD Sewer Network
Pump Station
City of Santa Clarita Boundary
The City of Santa Clarita does not warrant the accuracy of the data and assumes no liability for any errors or omissions.
0
0.5
1
2
Miles
Lake Hughes Rd
Hillcrest Pkwy
Vasquez Canyon Rd
Hasley Canyon Rd
Del Valle Rd
Magic Mountain Pkwy
Soledad Canyon Rd
Valencia Blvd
Pico Canyon Rd
Placerita Canyon Rd
Sand Canyon Rd

Los Angeles County
Department of Public Works
Sewer Maintenance Districts

Sewer Maintenance Facilities



Legend

- SMD_Maintenance_Yards
- SMD Water Reclamation Plants
- SMD Pump Stations
- County Supervisorial Districts
- Cities

Sewer Maintenance Service Area

By Yard:

- North Yard
- South Yard
- East Yard
- Central Yard

0 2 4 8 12 16

Miles

C1

file: C\Myfiles\people\Nick\Facilities1117_20120328 - by jt

APPENDIX D

SSMP AUDIT REPORT

City of Santa Clarita
Public Works Department

SEWERSYSTEM MANAGEMENT PLAN

AUDITREPORT

October 2024

I. Executive Summary

The City of Santa Clarita's Engineering Services Division conducted an internal audit of the Sewer System Management Plan (SSMP) in October 2024. The purpose of the audit was to evaluate the effectiveness of the SSMP and to determine the City's compliance with SSMP requirements.

The audit was conducted by a team consisting of a Senior Engineer and Assistant City Engineer.

The task of the audit team was to determine compliance with the 11 Elements of the SSMP, to evaluate whether the measures outlined in the SSMP were implemented, to identify any deficiencies in the SSMP, to note any corrective actions taken and/or that need to be taken, and to emphasize areas in which the division was successful in effectively achieving goals. The team used an audit checklist based on the General Waste Discharge Requirements and specific to the City's sewer system to conduct the audit. The City is one of the contract City's that utilizes the County of Los Angeles Consolidated Sewer maintenance District (CSMD) for field operations and maintenance functions. CMSD conducts its own internal audit as well as it relates to the Operation and Maintenance Program, Spill Emergency Response Plan and Sewer Pipe Blockage Control Program Plan.

II. SSMP Program Completed Audit Checklist

ELEMENT	REQUIREMENT	COMPLIANT	IMPLEMENTED	COMMENTS
1. Goals	Provide and maintain wastewater system that efficiently meets the needs of all segments of the service area	y	y	Wastewater system continues to meet the needs of all segments of the City service.
	Operate the system in compliance with all regulatory requirements to protect the quality of water resources and the quality of the environment	y	y	The City in coordination with the County of Los Angeles Consolidated Sewer Maintenance District (CSMD) strives to operate in compliance with all regulatory requirements.
	Implement a proactive system for completing maintenance and repair of the system in order to provide reliable service now and into the future	y	y	The Los Angeles County CSMD implements a 5-year CIP program with prioritized repairs to improve the reliability of the City's system.
	Continue the wastewater division employee development program to improve qualifications and performance, and to assure all operations are performed in a safe manner to avoid personal injury and property damage	y	y	Training of employees remains a priority within the City as well as CSMD.

SSMP Completed Audit Checklist & Action Items

ELEMENT	REQUIREMENT	COMPLIANT	IMPLEMENTED	COMMENTS
2. Organization	Designate LRO	y	y	Assistant City Engineer has been designated as the LRO. **ACTION:** Designate Public Works Director as backup LRO.
	Names and phone numbers for key management personnel	y	y	Required information is included in SSMP. **ACTION:** Update names and/or positions for key management personnel as staff changes occurs.
	Names and phone numbers for key administrative personnel	y	y	Required information is included in SSMP. **ACTION:** Update names and/or positions for key administrative personnel; coordination with County CSMD.
	Names and phone numbers for key maintenance personnel	y	y	Required information is included in SSMP. **ACTION:** Update names and/or positions for key maintenance personnel in coordination with County CSMD.
	Chain of communication for reporting SSOs	y	y	Required information is included in SSMP. **ACTION:** Update as staff names and contact information changes in coordination with County CSMD.
3. Legal Authority	Preventillicit discharges to sanitary sewer system	y	y	Addressed by City Unified Development Code. **ACTION:** Add links to access documents on City website including links to Los Angeles County Plumbing Codes.
	Require sewers and connections be properly designed and constructed	y	y	Addressed by City Municipal Code. **ACTION:** Include Code references in Legal Authority Checklist; add links to access documents on City website

SSMP Completed Audit Checklist & Action Items

ELEMENT	REQUIREMENT	COMPLIANT	IMPLEMENTED	COMMENTS
	Ensure access for inspection, maintenance, and repairs (includes public portion of lateral)	y	y	Addressed by City Municipal Code. **ACTION:** Include Code references in Legal Authority Checklist; add links to access documents on City website
	Limit discharge of FOGand debris that may cause blockages	y	y	Addressed by City Municipal Code. **ACTION:** Include Code references in Legal Authority Checklist; add links to access documents on City website
	Require the installation of grease removal devices	y	y	Addressed by City Municipal Code. **ACTION:** Include Code references in Legal Authority Checklist; add links to access documents on City website
	Abilitytoinspect FOG producing facilities	y	y	Provided through City Municipal Code and inspection implemented by City Environmental Services division **ACTION:** Include City's responsible division to implement routine inspection in Legal Authority Checklist; add links to access documents on City website
	Enforce violations of the City's sewer ordinances	y	y	Addressed by City Municipal Code. Link to access code is also available on City's website.
4. Operations & Maintenance Program	Maintain up-to-date maps of the sanitary sewer system	y	y	Up-to-date GIS Sanitary Sewer system maps are maintained and available upon request and also on the City's website. Also a link to the County CSMD Interactive sewer network map is available on City website
	Describe routine preventative maintenance program	y	y	Routine preventative maintenance program is performed by CSMD.

SSMP Completed Audit Checklist & Action Items

ELEMENT	REQUIREMENT	COMPLIANT	IMPLEMENTED	COMMENTS
	Document completed preventive maintenance using system such as work orders	y	y	The City's Resident Service Request (RSC) database system is used to generate work orders to CSMD, document work completed, and to provide various reports.
	Provide regular technical training for City staff overseeing the management of the City's SSMP	y	y	Staff attends seminars and information sessions as provided by the Los Angeles County CSMD.
5. Design & **Performance Provisions**	Design and construction standards for new sewer system facilities	y	y	Standard Specifications and Standard Drawings for new systems are provided for developers and their engineers as part of the review of sewer plans and permitting process. **ACTION:** Revise section to briefly describe documents and include references to specific pages/sections that address the requirement(s) such APWA design standards and Greenbook Specifications; Add links foraccessing documents on City website.

ELEMENT	REQUIREMENT	COMPLIANT	IMPLEMENTED	COMMENTS
5. Design & **Performance Provisions**	Procedures for the inspection and acceptance of new sewer system facilities	**y**	**y**	Standard Specifications and Standard Drawings for both new facilities and repair/rehab of existing facilities include testing methods and standards to assure system facilities are constructed properly. **ACTION:** Revise section to briefly describe documents and include references to specific pages/sections that address the requirement(s); Add links for accessing documents on City website.
5. Design & **Performance Provisions**	Procedures for the inspection and acceptance of new sewer system facilities	**y**	**y**	Standard Specifications and Standard Drawings for both new facilities and repair/rehab of existing facilities include testing methods and standards to assure system facilities are constructed properly. **ACTION:** Revise section to briefly describe documents and include references to specific pages/sections that address the requirement(s); Add links for accessing documents on City website.
5. Design & **Performance Provisions**	Procedures for the inspection and acceptance of repaired and rehabilitated sewer system facilities	**y**	**y**	Standard Specifications and Standard Drawings for both new facilities and repair/rehab of existing facilities include testing methods and standards to assure system facilities are constructed properly. **ACTION:** Revise section to briefly describe documents and include references to specific pages/sections that address the requirement(s); Add links for accessing documents on City website.
6. Overflow Emergency Response Plan	Procedures for the notification of primary responders	**y**	**y**	Procedures in place as reference to CSMD.

ELEMENT	REQUIREMENT	COMPLIANT	IMPLEMENTED	COMMENTS
	Procedures for the notification of regulatory agencies.	y	y	Procedures in place.
	Program to ensure appropriate response to all SSOs	y	y	Response procedure documented in Sanitary System Overflow Response Plan prepared by CSMD.
	Proper reporting of all SSOs	y	y	SSO reporting procedure documented in Sanitary System Overflow Response Plan as prepared by CSMD and shared with City regularly.
	Procedure to ensure city staff are aware of and follow the Sewer Overflow Response Plan	y	y	Procedures are in place to assure that staff follows plan; documented in Sanitary System Overflow Response Plan. **ACTION:** Regularly check with CSMD to check for updates to their

SSMP Completed Audit Checklist & Action Items

ELEMENT	REQUIREMENT	COMPLIANT	IMPLEMENTED	COMMENTS
	Procedure to ensure contractor personnel are trained in the Sewer Overflow Response Plan procedures	y	y	This requirement should be included in all Public Works Contracts and coordinated with CSMD. **ACTION:** Add appropriate language to all construction contracts & provide training at pre-construction meeting.
	Procedures to address emergency operations such as traffic and crowd control	y	y	The SSMP provides names and contact information for assistance with emergency traffic control. **ACTION:** Expand information available on emergency traffic control and crowd control.
	Program to prevent the discharge of sewage to surface waters	y	y	Spill Response Procedures in the Sewer System Overflow Response Plan focus on containing the overflow as soon as possible to prevent sewage from reaching surface waters.
	Program to minimize or correct the impacts of SSOs that occur	y	y	Spill Response Procedures in the Sewer System Overflow Response Plan include restoring any area affected by the sewage spill.
7. Sewer Pipe Blockage Control Program	Conduct public outreach	y	y	City website includes information to public on BMPs **ACTION:** Continue reaching out to County CSMD to look into implementing their practices as well for public outreach
8. System Evaluation & Capacity Assurance Plan	Identification of elements of the sewer system that experience or contribute to SSOs caused by hydraulic deficiencies	y	y	There were no SSOs caused by hydraulic deficiencies from 2021-2024.
	Establish design criteria that provides adequate capacity	y	y	Existing design criteria provides adequate capacity.

SSMP Completed Audit Checklist & Action Items

ELEMENT	REQUIREMENT	COMPLIANT	IMPLEMENTED	COMMENTS
9. Monitoring, Measurement, & Program Modifications	Maintain relevant information to establish, evaluate, and prioritize SSMP activities	**y**	**y**	The City of Santa Clarita SSMP uses performance indicators to provide information to allow for evaluation and prioritization of SSMP activities. **ACTION:** Review current performance measures and revise list to allow for data necessary to evaluate and prioritize SSMP activities.
	Monitor implementation of SSMP	**y**	**y**	The SSMP performance indicators are also used to monitor the implementation of the SSMP elements.
	Identify and illustrate SSO trends	**y**	**y**	This section provides charts/graphs to illustrate trends/progress based on information collected. **ACTION:** Update section using data collected from 2022-2024.

SSMP Completed Audit Checklist & Action Items

ELEMENT	REQUIREMENT	COMPLIANT	IMPLEMENTED	COMMENTS
10. SSMP Program Audits	Conduct program audit every two years	**N**	**y**	Formal program audits were not conducted every two years as required due to recent staff changes and reorganization. However, completion of this audit document will be a complete review all years since the approval of the SSMP by the City Council in March 2015. **ACTION:** Future program audits will be conducted according to requirements of the 2022 General Waste Discharge Order.
	Record the results of the audit in a report	**y**	**y**	Results of this audit will be documented in an audit report.
	Record the changes made and/or corrective actions taken	**y**	**y**	Changes made to the SSMP will be recorded in a "Change Log" and included as an appendix to the SSMP.
11. **Communications Program**	Communicate with the public regarding the performance of the SSMP	**y**	**y**	The 6-year re-certification process allows an opportunity for public input on the implementation of the SSMP during City Council review. In addition, the SSMP and associated documents are posted on the City website for public access.

Report Certified by:

Name: Amalia Marreh PE

Amalia Marreh

APPENDIX E

NOT USED

APPENDIX F

CONDITION ASSESSMENT REPORT FOR CITY OF SANTA CLARITA

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

MARK PESTRELLA, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

August 7, 2018

IN REPLY PLEASE
REFER TO FILE: SM-1

Mr. Robert Newman
Director of Public Works
City of Santa Clarita
23920 Valencia Boulevard, Suite 300
Santa Clarita, CA 91355-2196

Attention Ms. Carrie Lujan

Dear Robert:

CONSOLIDATED SEWER MAINTENANCE DISTRICT
CONDITION ASSESSMENT PROGRAM REPORT
PROJECT NOS. Y0TV1314A1 AND Y0TV1415A

This letter is to inform you that the County of Los Angeles Department of Public Works Consolidated Sewer Maintenance District has completed its condition assessment of the City of Santa Clarita's sewer system.

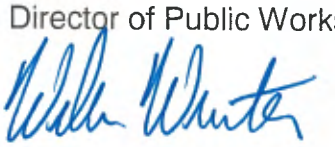
The enclosed Condition Assessment Reports for Project Nos. Y0TV1314A1 and Y0TV1415A provides details regarding the maintenance and structural condition of your sewer mainlines. Please note that the report for Project No. Y0TV0910D, for the balance of your system, was transmitted to your City on November 19, 2013. The information contained in all three reports should be included in your agency's Sewer System Management Plan as a reference in Chapter 8, System Evaluation and Capacity Assurance Plan.

The segments with critical maintenance issues have been cleaned and, where appropriate, incorporated into our enhanced maintenance cleaning schedule for continued monitoring. In addition, segments with severe structural defects have either been repaired or will be scheduled for corrective action as part of the ongoing Accumulative Capital Outlay Program.

If you have any questions regarding this report or the Condition Assessment Program, please contact Ms. Kari Eskridge, Sewer Maintenance Division, at (626) 300-3390, Monday through Thursday, 7 a.m. to 5 p.m., or at keskridge@dpw.lacounty.gov.

Very truly yours,

MARK PESTRELLA
Director of Public Works



WILLIAM J. WINTER
Assistant Deputy Director
Sewer Maintenance Division

CK:lb
H:\SMHOME\LBOBADILLA\2018\LETTERS & MEMOS\1077.DOCX

Enc.

bc: KE, FILE (Project Y0TV1314A1), SPINDLE

CONDITION ASSESSMENT REPORT
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
CONSOLIDATED SEWER MAINTENANCE DISTRICT

100% SUMMARY

SUP. DISTRICT(S)	5	MAP PAGE(S):	1216, 1255, 1256, 1257, 1293, 1294, 1295, 1296, 1297, 1298, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1372, 1373, 1374, 1375, 1416, 1417, 1418, 1460, 1461, 1511, 1512, 1513
Report By:	Clement Khong	Report Date:	8/7/2018

INTRODUCTION

As part of the Sewer Condition Assessment Program, the County of Los Angeles Department of Public Works Consolidated Sewer Maintenance District (District) has completed the closed-circuit television inspection of 2,219,586 feet or 100 percent of the City of Santa Clarita's (City) sewer system.

The closed-circuit television inspection of the City was completed in three projects (Project Nos. Y0TV0910D, Y0TV1314A1, and Y0TV1415A). A copy of the Condition Assessment Report for Project No. Y0TV0910D can be found in the District's website at http://dpw.lacounty.gov/smd/cctv/city/. Enclosed for your reference are Condition Assessment Reports for Project Nos. Y0TV1314A1 and Y0TV1415A.

SUMMARY MAINTENANCE REPORT

Our inspection revealed that approximately 86.2 percent of the system televised was free of significant blockages or restrictions that would impede sewer flows. However, the remaining 13.8 percent of the inspected pipe segments within the City had a Pipeline Assessment and Certification Program (PACP) maintenance grade of 3, 4, or 5 as indicated in the Quick Maintenance Rating Table shown below. These segments have been addressed with corrective action taken as noted in the enclosed reports.

QUICK MAINTENANCE RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	1,284,590	57.9	6,117
2: Minor to Moderate	628,542	28.3	3,075
3: Moderate	147,183	6.6	642
4: Significant	134,441	6.1	558
5: Most Significant	24,830	1.1	112
TOTAL	2,219,586	100.0	10,504

SUMMARY STRUCTURAL REPORT

Our inspection revealed that approximately 95.7 percent of the inspected pipe segments within the City were free of significant structural defects. However, the remaining 4.3 percent of the inspected pipe segments had a PACP structural grade of 4 or 5 as indicated in the Quick Structural Rating Table shown below. The priority lists for these items are located in the enclosed reports.

QUICK STRUCTURAL RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	1,650,893	74.4	7,988
2: Minor to Moderate	352,929	15.9	1,591
3: Moderate	120,304	5.4	511
4: Significant	71,864	3.2	303
5: Most Significant	23,596	1.1	111
TOTAL	2,219,586	100.0	10,504

CONDITION ASSESSMENT REPORT
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
CONSOLIDATED SEWER MAINTENANCE DISTRICT

PROJECT NAME:	Y0TV1314A1	PROJECT MGR:	Hanna Kebede
PROJECT DATE:	5/28/14	CONTACT NO:	(626) 300-4686
SUP. DISTRICT(s):	5	MAP PAGE(S):	1255, 1257, 1293, 1294, 1295, 1296, 1297, 1331, 1332, 1333, 1334, 1335, 1336, 1372, 1373, 1374, 1375, 1416, 1417, 1459, 1460, 1461, 1511, 1512, 1513
Report By:	Clement Khong	Report Date:	8/7/18

INTRODUCTION

The District conducted a condition assessment of 1,024,697 feet or 46.1 percent of the City's entire sewer system as part of Project No. Y0TV1314A1.

The enclosed Condition Assessment Report outlines the structural and maintenance ratings of your system based on the PACP's (Version 6.0.1) rating methodology. Included in the report are the following:

- Project Overview Map (Enclosure 1)
- Quick Maintenance Rating Map, High Water Levels List and Map, Infiltration List and Map, and Sample Lateral Notice Letter (Enclosure 2)
- Quick Structural Rating Report Priority List and Quick Structural Rating Priority Map (Enclosure 3)

The Sewer Condition Assessment Program utilizes the PACP Quick Rating methodology to rank the structural and maintenance condition of your system based on industry standards.

PROJECT AREA AND DESCRIPTION

Project No. Y0TV1314A1 included sewer lines located in the unincorporated County of Los Angeles and the City of Santa Clarita. Enclosed for your reference is an overview map of the project area within your City (Enclosure 1).

DEFECT GRADE DESCRIPTION

The Quick Rating indicates the number of occurrences for the highest severity grade for each pipe segment for either maintenance or structural defects. A grade of 1 indicates that a pipe segment is in excellent condition with minor defects while a grade of 5 indicates that a pipe segment may require immediate attention. A legend of the five possible defect grades is as follows:

Grade	Defect Grade Description
1:	MINOR
2:	MINOR TO MODERATE
3:	MODERATE
4:	SIGNIFICANT
5:	MOST SIGNIFICANT

MAINTENANCE REPORT

Our inspection revealed that approximately 87.2 percent of the system televised in your City as part of Project No. Y0TV1314A1 was free of significant blockages or restrictions that would impede sewer flows. However, the remaining 12.8 percent of the pipe segments within the City had a PACP maintenance grade of 3, 4, or 5 as indicated in the Quick Maintenance Rating Table shown below. These segments have been incorporated into our routine cleaning schedule with corrective action taken.

A color-coded map showing the quick maintenance rating for each pipe segment is provided in Enclosure 2.

QUICK MAINTENANCE RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	761,475	74.3	3,626
2: Minor to Moderate	131,935	12.9	588
3: Moderate	61,107	6.0	274
4: Significant	58,675	5.7	256
5: Most Significant	11,505	1.1	54
TOTAL	1,024,697	100.0	4,798

Lateral Notices

Also included in the maintenance inspection reports are private lateral deficiencies discovered during the assessment of the mainline. The District does not maintain lateral lines. It is the responsibility of the property owner to maintain their respective lateral lines to facilitate the flow of wastewater from their property to the mainline. Letters have been sent to property owners in your City notifying them of the maintenance issues detected in their laterals. A sample lateral notice letter is provided in Enclosure 2 for your reference.

High Water Levels

Our inspection revealed that approximately 98.3 percent of the system televised has adequate capacity. Approximately 1.7 percent of the segments inspected exhibited visual signs associated with high water levels. The capacity of the sewer pipe can be determined by analyzing several PACP codes, including Water Level, Water Mark, and miscellaneous remarks, which indicate the camera was underwater or there were sags in the line. A sewer pipe is considered at capacity when 50 percent of the diameter of the sewer pipe is full of water. However, there are conditions in which the Water Level or Water Mark has reached 50 percent or greater due to heavy flows in adjoining pipes, a temporary stoppage caused by debris in the sewer lines, or a sag in the line. Therefore, additional review of these pipe segments was conducted to determine if any capacity issues exist.

All sewer pipes where the Water Level, Water Mark, and miscellaneous remarks of camera underwater or sags in the line are at or above 50 percent capacity have been listed and analyzed on the High Water Level Table in Enclosure 2. The nature of these high water level conditions is also summarized on this table.

A map showing the sewer lines with high water levels is provided in Enclosure 2.

Infiltration

Our inspection revealed that approximately 0.3 percent of the system included in your City as part of Project No. Y0TV1314A1 has infiltration within the pipe segments. Infiltration is the ingress of groundwater into the sewers through a defect or porous area of the pipe wall. All sewer pipes where infiltration was found are listed on the Infiltration Table in Enclosure 2. This table also provides the proposed corrective action for these impacted sewer segments. If a corrective action is proposed, the work will be programmed in the next 24 months as part of our ongoing Accumulative Capital Outlay Program.

A map showing the sewer lines with infiltration is provided in Enclosure 2.

STRUCTURAL REPORT

Our inspection revealed that approximately 94.8 percent of the inspected pipe segments within the City were free of severe structural defects. However, the remaining 5.2 percent of the inspected pipe segments had a PACP structural grade of 4 or 5 as indicated in the Quick Structural Rating Table shown below. These segments have been placed on a priority list based on the severity and the need for action. For items 1 through 230 in the Quick Structural Rating Report Priority List (Enclosure 3), which warrant a corrective action, the proposed corrective action will be programmed in the next 24 months as part of the ongoing Accumulative Capital Outlay Program.

A color-coded map showing the Quick Structural Rating for each pipe segment is located in Enclosure 3.

QUICK STRUCTURAL RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	695,336	67.8	3,302
2: Minor to Moderate	215,526	21.0	998
3: Moderate	60,984	6.0	268
4: Significant	39,922	3.9	172
5: Most Significant	12,929	1.3	58
TOTAL	1,024,697	100.0	4,798

CONDITION ASSESSMENT PROJECTS

The Sewer Condition Assessment Program performed the condition assessment of the sewer lines within the City according to the following schedule:

FISCAL YEAR	PROJECT NAME	LENGTH (FT)	PERCENTAGE OF SYSTEM	STATUS
2009-10	Y0TV0910D	329,847	14.9	COMPLETED
2013-14	Y0TV1314A1	1,024,697	46.1	COMPLETED
2014-15	Y0TV1415A	865,042	39.0	COMPLETED
TOTAL		2,219,586	100.0	

CONDITION ASSESSMENT REPORT
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
CONSOLIDATED SEWER MAINTENANCE DISTRICT

PROJECT NAME:	Y0TV1415A	PROJECT MGR:	Hanna Kebede
PROJECT DATE:	12/15/15	CONTACT NO:	(626) 300-4686
SUP. DISTRICT(s):	5	MAP PAGE(S):	1216, 1255, 1256, 1257, 1293, 1294, 1295, 1296, 1297, 1298, 1332, 1333, 1334, 1336, 1337, 1512
Report By:	Clement Khong	Report Date:	8/7/18

INTRODUCTION

The District conducted a condition assessment of 865,042 feet or 39 percent of the City's entire sewer system as part of Project No. Y0TV1415A.

The enclosed Condition Assessment Report outlines the structural and maintenance ratings of your system based on the PACP (Version 6.0.1) rating methodology. Included in the report are the following:

- Project Overview Map (Enclosure 1)
- Quick Maintenance Rating Map, High Water Levels List and Map, Infiltration List and Map, and Sample Lateral Notice Letter (Enclosure 2)
- Quick Structural Rating Report Priority List and Quick Structural Rating Priority Map (Enclosure 3)

The Sewer Condition Assessment Program utilizes the PACP's Quick Rating methodology to rank the structural and maintenance condition of your system based on industry standards.

PROJECT AREA AND DESCRIPTION

Project No. Y0TV1415A included sewer lines located in the Cities of Lakewood and Santa Clarita. Enclosed for your reference is an overview map of the project area within your City (Enclosure 1).

DEFECT GRADE DESCRIPTION

The Quick Rating indicates the number of occurrences for the highest severity grade for each pipe segment for either maintenance or structural defects. A grade of 1 indicates that a pipe segment is in excellent condition with minor defects while a grade of 5 indicates that a pipe segment may require immediate attention. A legend of the five possible defect grades is as follows:

Grade	Defect Grade Description
1:	MINOR
2:	MINOR TO MODERATE
3:	MODERATE
4:	SIGNIFICANT
5:	MOST SIGNIFICANT

MAINTENANCE REPORT

Our inspection revealed that approximately 84.3 percent of the system televised in your City as part of Project No. Y0TV1415A was free of significant blockages or restrictions that would impede sewer flows. However, the remaining 15.7 percent of the pipe segments within the City had a PACP maintenance grade of 3, 4, or 5 as indicated in the Quick Maintenance Rating Table shown below. These segments have been incorporated into our routine cleaning schedule with corrective action taken.

A color-coded map showing the quick maintenance rating for each pipe segment is provided in Enclosure 2.

QUICK MAINTENANCE RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	521,164	60.2	2,469
2: Minor to Moderate	208,362	24.1	1,009
3: Moderate	67,314	7.8	284
4: Significant	58,626	6.8	230
5: Most Significant	9,576	1.1	41
TOTAL	865,042	100.0	4,033

Lateral Notices

Also included in the maintenance inspection reports are private lateral deficiencies discovered during the assessment of the mainline. The District does not maintain lateral lines. It is the responsibility of the property owner to maintain their respective lateral lines to facilitate the flow of wastewater from their property to the mainline. Letters have been sent to property owners in your City notifying them of the maintenance issues detected in their laterals. A sample lateral notice letter is provided in Enclosure 2 for your reference.

High Water Levels

Our inspection revealed that approximately 97.7 percent of the system televised has adequate capacity. Approximately 2.3 percent of the segments inspected exhibited visual signs associated with high water levels. The capacity of the sewer pipe can be determined by analyzing several PACP codes, including Water Level, Water Mark, and miscellaneous remarks, which indicate the camera was underwater or there were sags in the line. A sewer pipe is considered at capacity when 50 percent of the diameter of the sewer pipe is full of water. However, there are conditions in which the Water Level or Water Mark has reached 50 percent or greater due to heavy flows in adjoining pipes, a temporary stoppage caused by debris in the sewer lines, or a sag in the line. Therefore, additional review of these pipe segments was conducted to determine if any capacity issues exist.

All sewer pipes where the Water Level, Water Mark, and miscellaneous remarks of camera underwater or sags in the line are at or above 50 percent capacity have been listed and analyzed on the High Water Level Table in Enclosure 2. The nature of these high water level conditions is also summarized on this table.

A map showing the sewer lines with high water levels is provided in Enclosure 2.

Infiltration

Our inspection revealed that approximately 0.3 percent of the system included in your City as part of Project No. Y0TV1415A has infiltration within the pipe segments. Infiltration is the ingress of groundwater into the sewers through a defect or porous area of the pipe wall. All sewer pipes where infiltration was found are listed on the Infiltration Table in Enclosure 2. This table also provides the proposed corrective action for these impacted sewer segments. If a corrective action is proposed, the work will be programmed in the next 24 months as part of our ongoing Accumulative Capital Outlay Program.

A map showing the sewer lines with infiltration is provided in Enclosure 2.

STRUCTURAL REPORT

Our inspection revealed that approximately 96.6 percent of the inspected pipe segments within the City were free of severe structural defects. However, the remaining 3.4 percent of the inspected pipe segments had a PACP structural grade of 4 or 5 as indicated in the Quick Structural Rating Table shown below. These segments have been placed on a priority list based on the severity and the need for action. For items 1 through 120 in the Quick Structural Rating Report Priority List (Enclosure 3), which warrant a corrective action, the proposed corrective action will be programmed in the next 24 months as part of the ongoing Accumulative Capital Outlay Program.

A color-coded map showing the Quick Structural Rating for each pipe segment is located in Enclosure 3.

QUICK STRUCTURAL RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	671,639	77.6	3,215
2: Minor to Moderate	131,561	15.2	567
3: Moderate	32,734	3.8	131
4: Significant	22,241	2.6	89
5: Most Significant	6,867	0.8	31
TOTAL	865,042	100.0	4,033

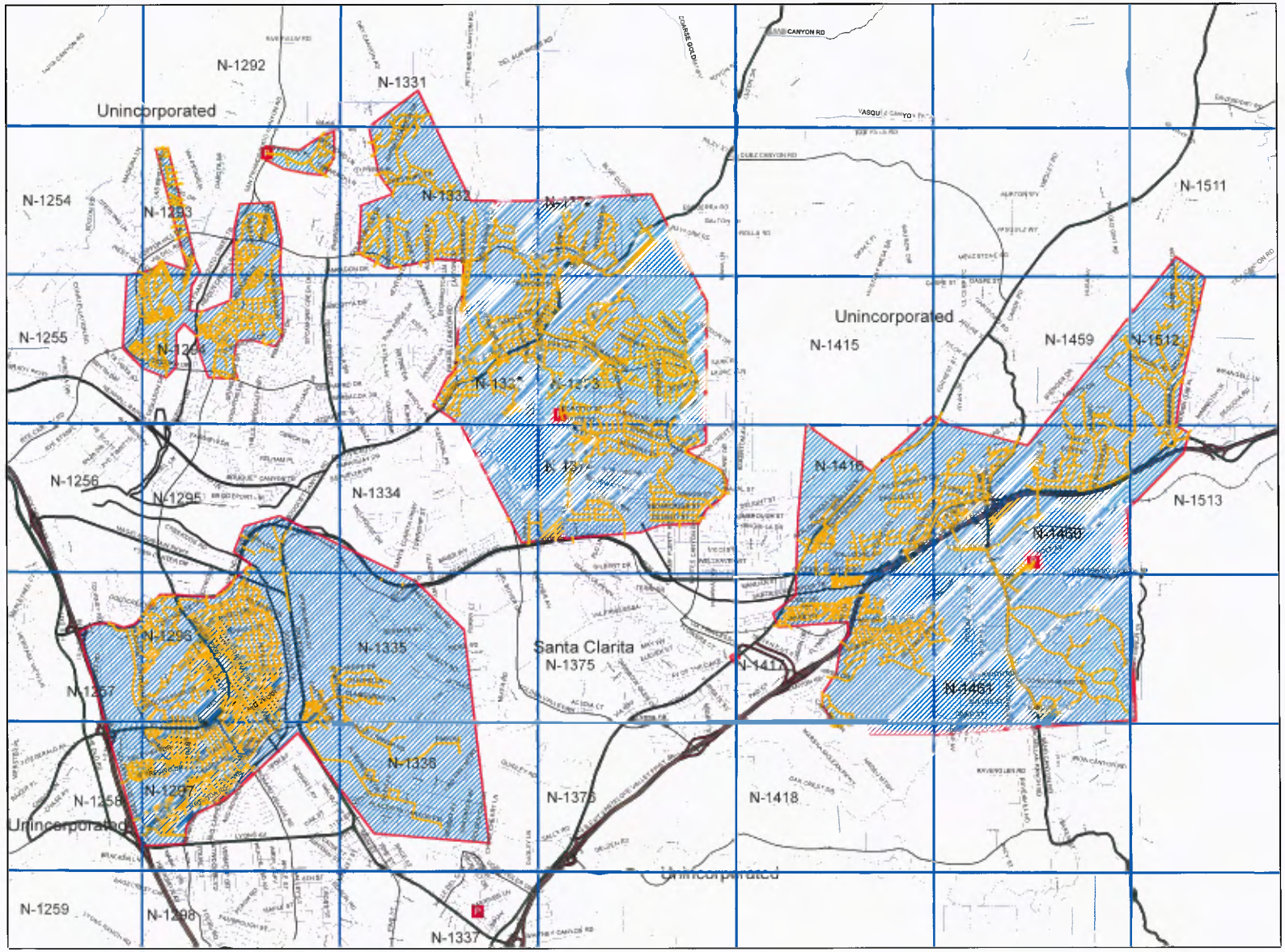
CONDITION ASSESSMENT PROJECTS

The Sewer Condition Assessment Program performed the condition assessment of the sewer lines within the City according to the following schedule:

FISCAL YEAR	PROJECT NAME	LENGTH (FT)	PERCENTAGE OF SYSTEM	STATUS
2009-10	Y0TV0910D	329,847	14.9	COMPLETED
2013-14	Y0TV1314A1	1,024,697	46.1	COMPLETED
2014-15	Y0TV1415A	865,042	39.0	COMPLETED
TOTAL		2,219,586	100.0	

ENCLOSURE 1

Project Overview Map



OVERVIEW MAP

CCTV PROJECT

Y0TV1314A1

CITY OF SANTA CLARITA

0 2,000 4,000 6,000 8,000

Feet

Legend

- SMD Sanitary Sewers

SMD Manholes

- Other

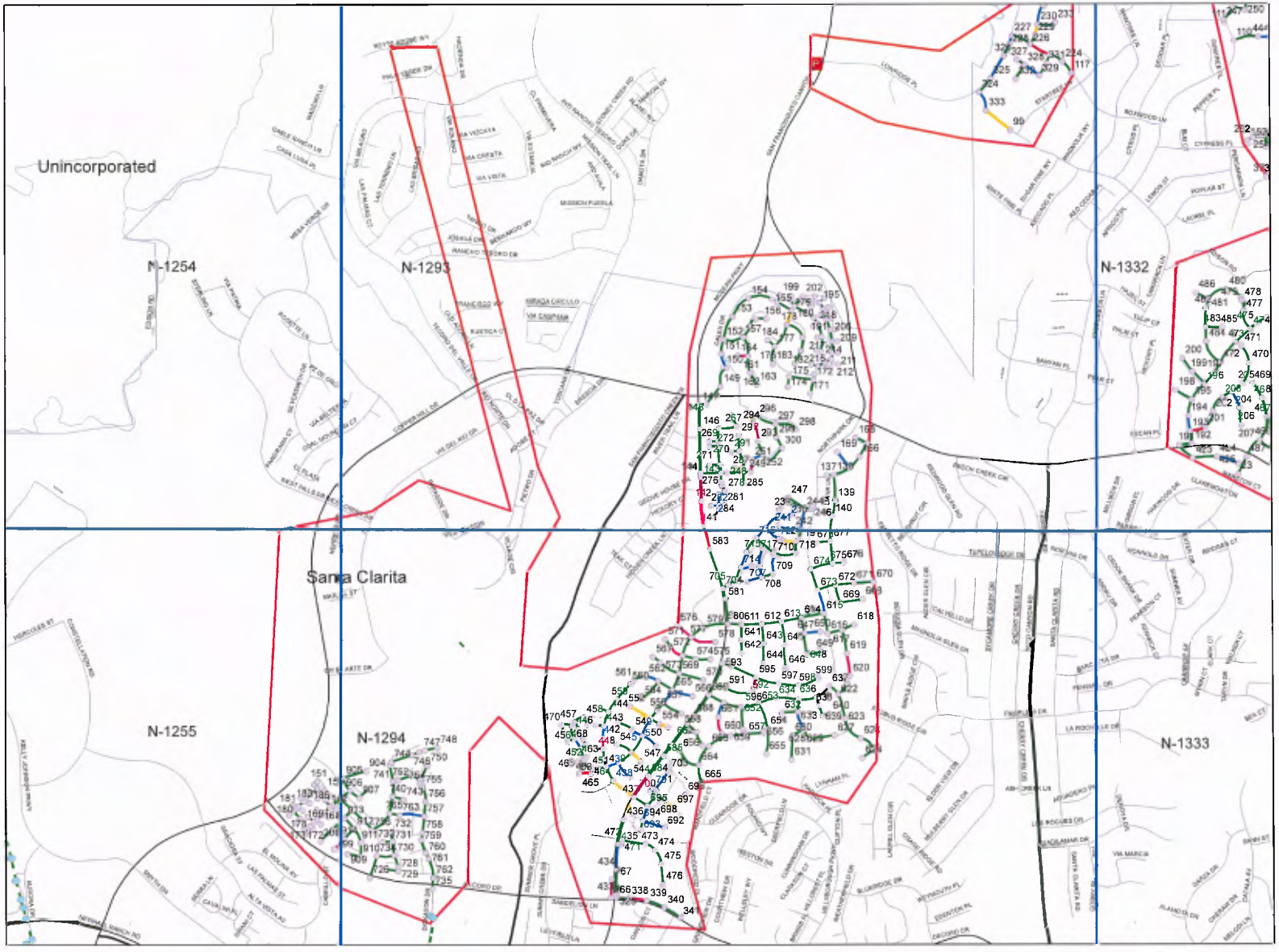
Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018

ENCLOSURE 2

- Quick Maintenance Rating Map
- High Water Levels List and Map
- Infiltration List and Map
- Sample Lateral Notice Letter



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 540 1,080 1,620 2,160

Feet

Legend

SMD Sanitary Sewers

QMR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5 MOST SIGNIFICANT

SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018

ENCLOSURE 3

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 560 1,120 1,680 2,240

Feet

Legend

SMD Sanitary Sewers

QSR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNICANT

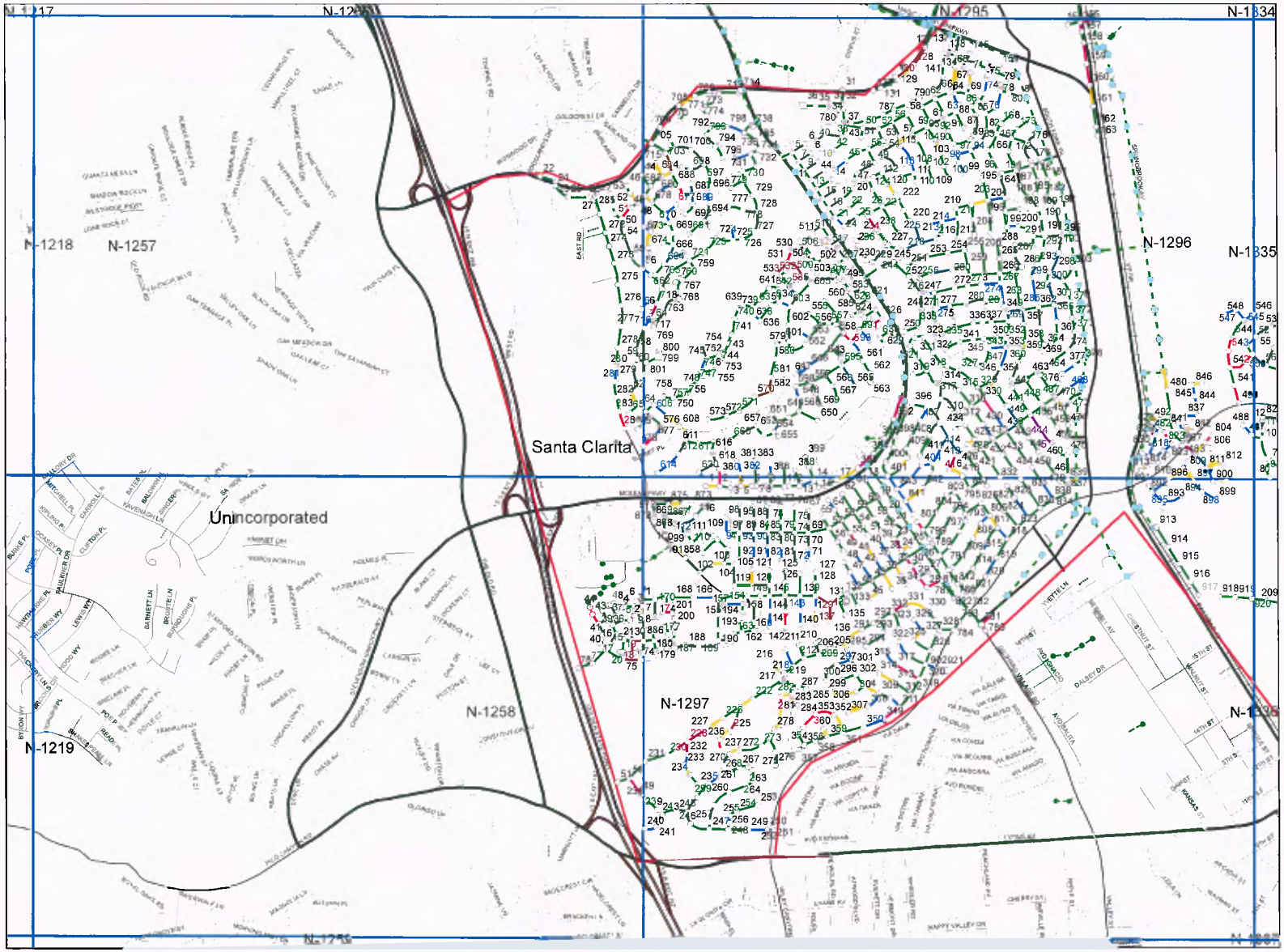
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 670 1 340 2 010 2 680

Feet

Legend

SMD Sanitary Sewers

QMR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5 MOST SIGNIFICANT

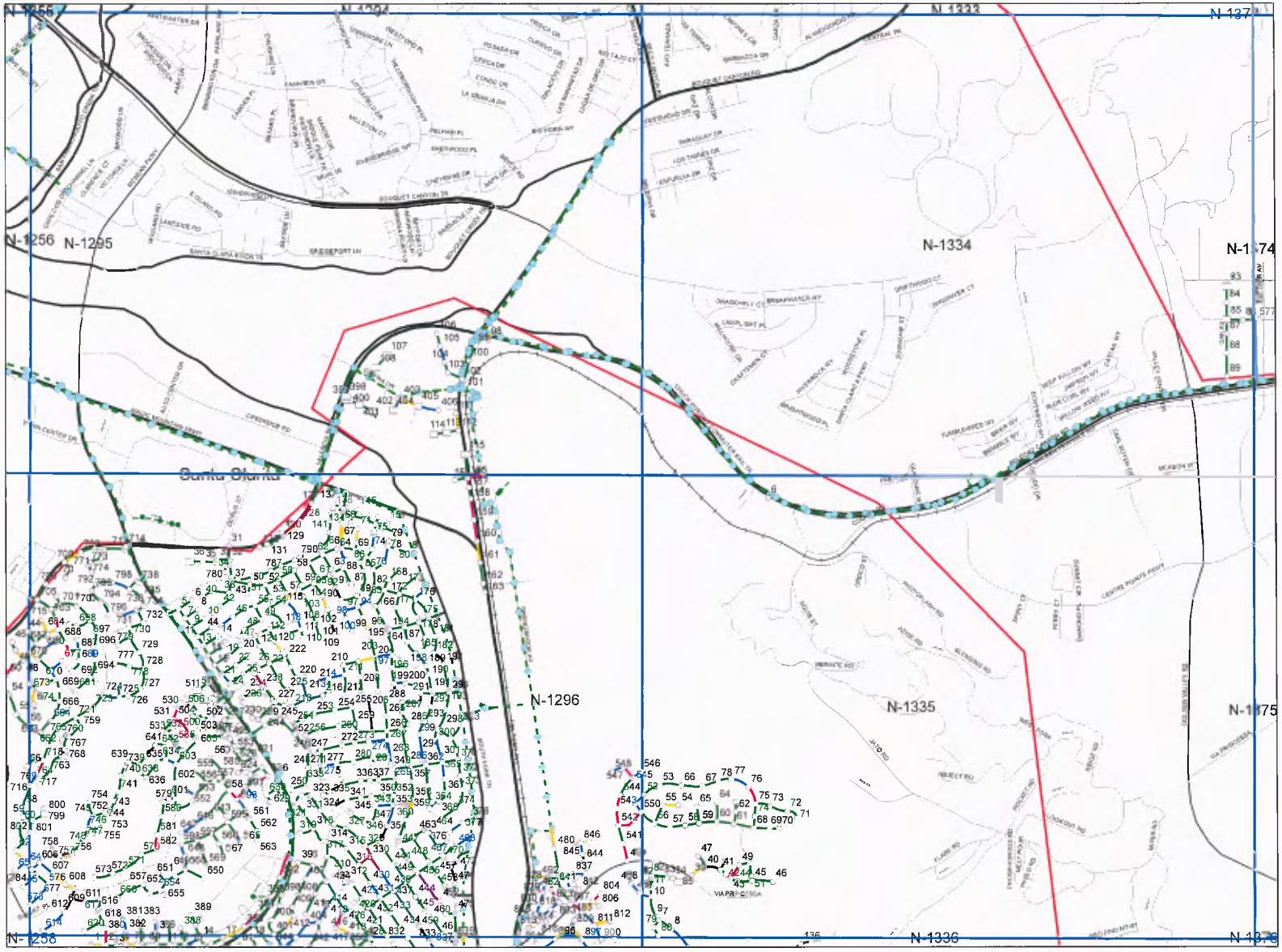
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 670 1,340 2,010 2,680

Feet

Legend

SMD Sanitary Sewers

QMR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

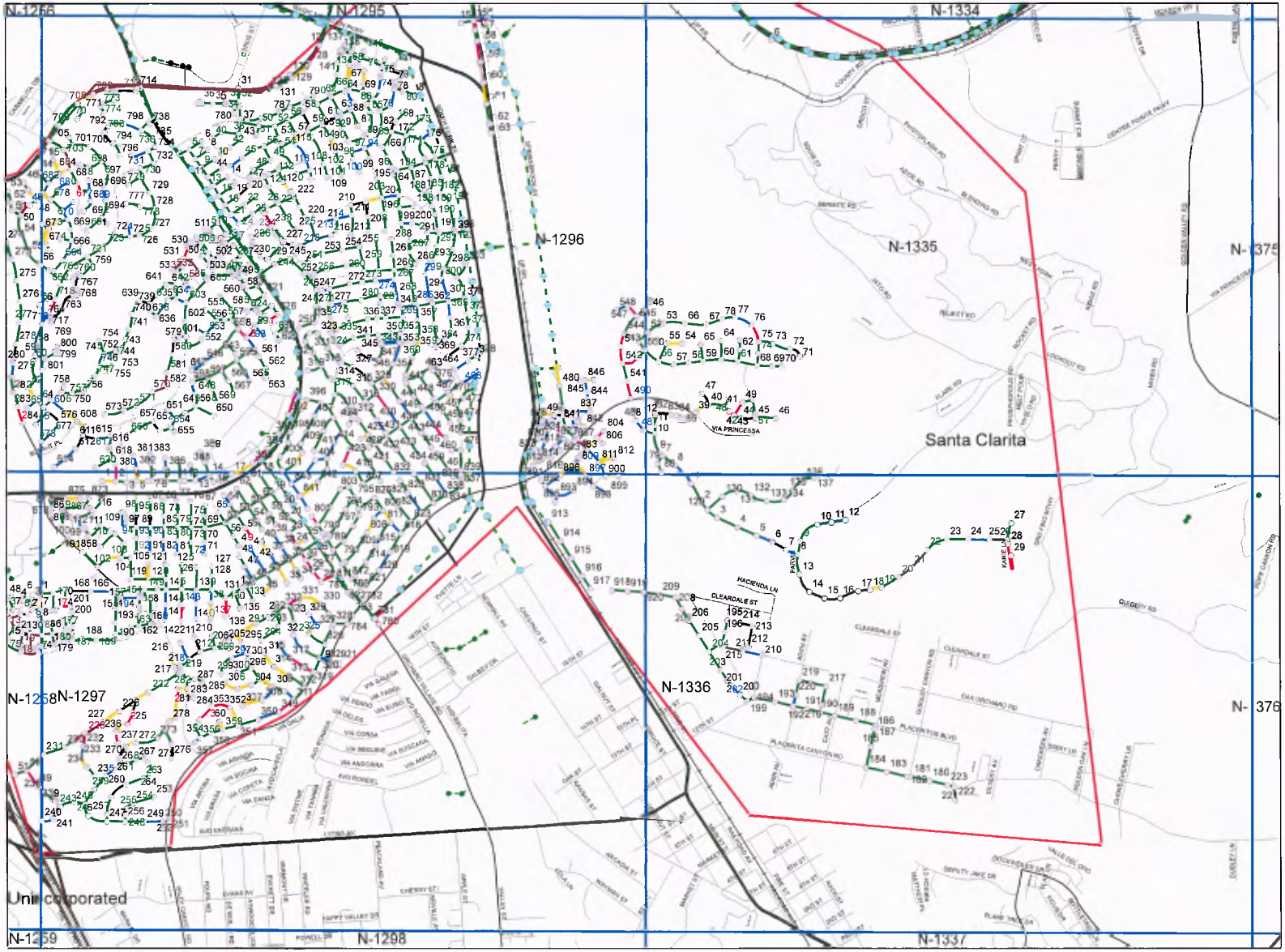
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 675 1,350 2,025 2,700

Feet

Legend

SMD Sanitary Sewers

QMR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

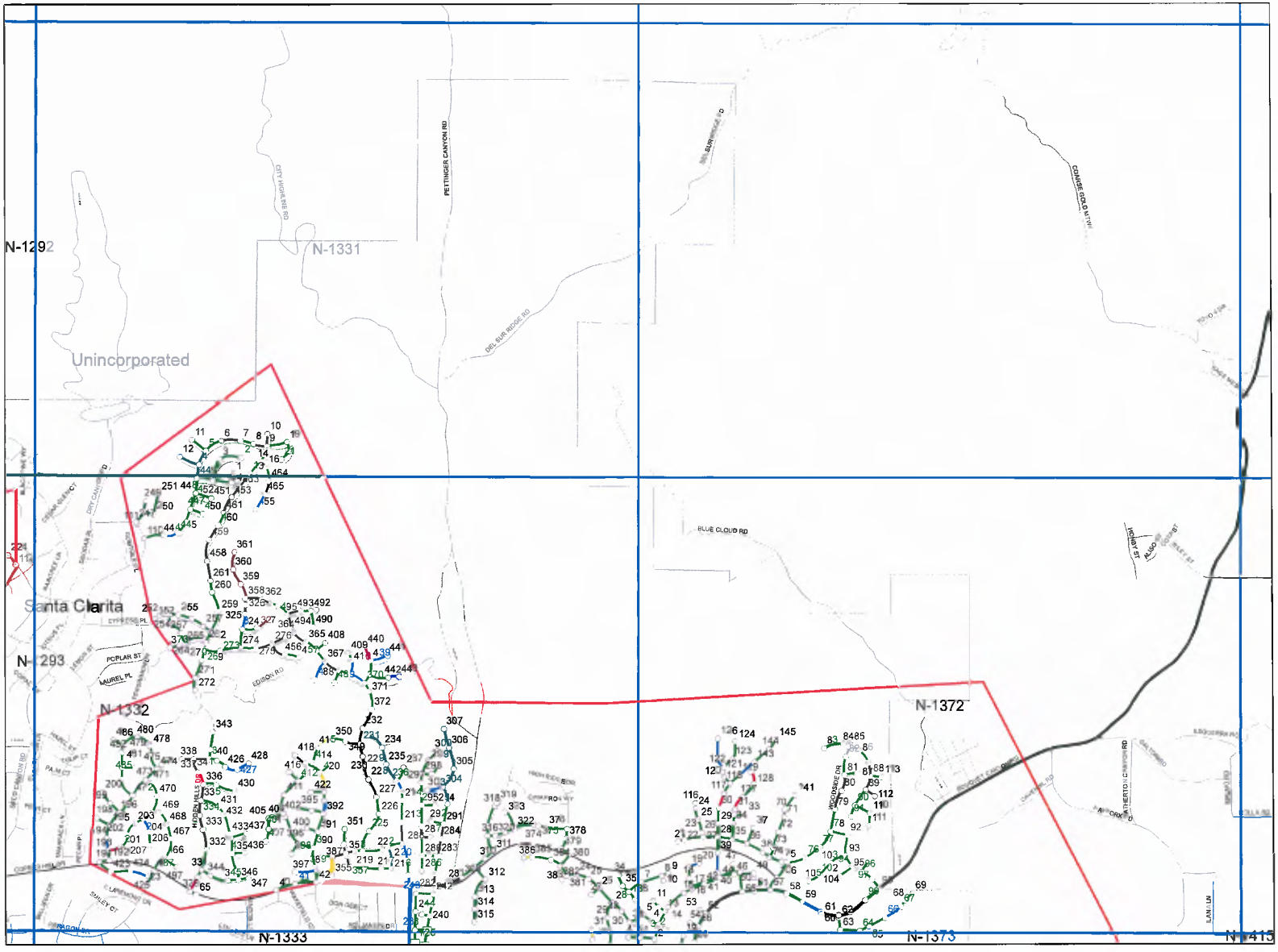
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- P — SMD Pump Stations
- WTP — SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 675 1,350 2,025 2,700

Feet

Legend

SMD Sanitary Sewers

QMR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

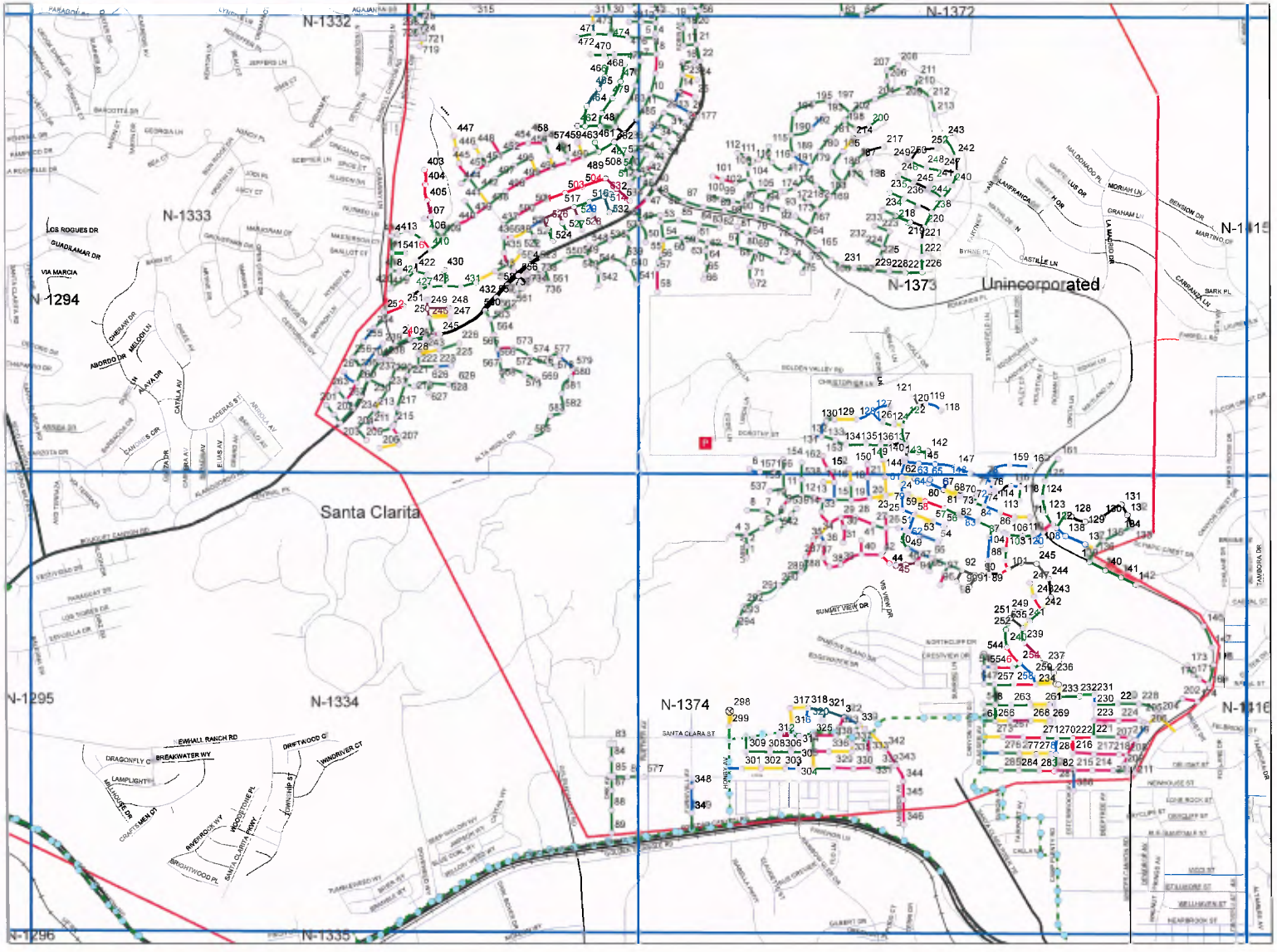
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A1

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 670 1,340 2,010 2,680

Feet

Legend

SMD Sanitary Sewers

QMR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
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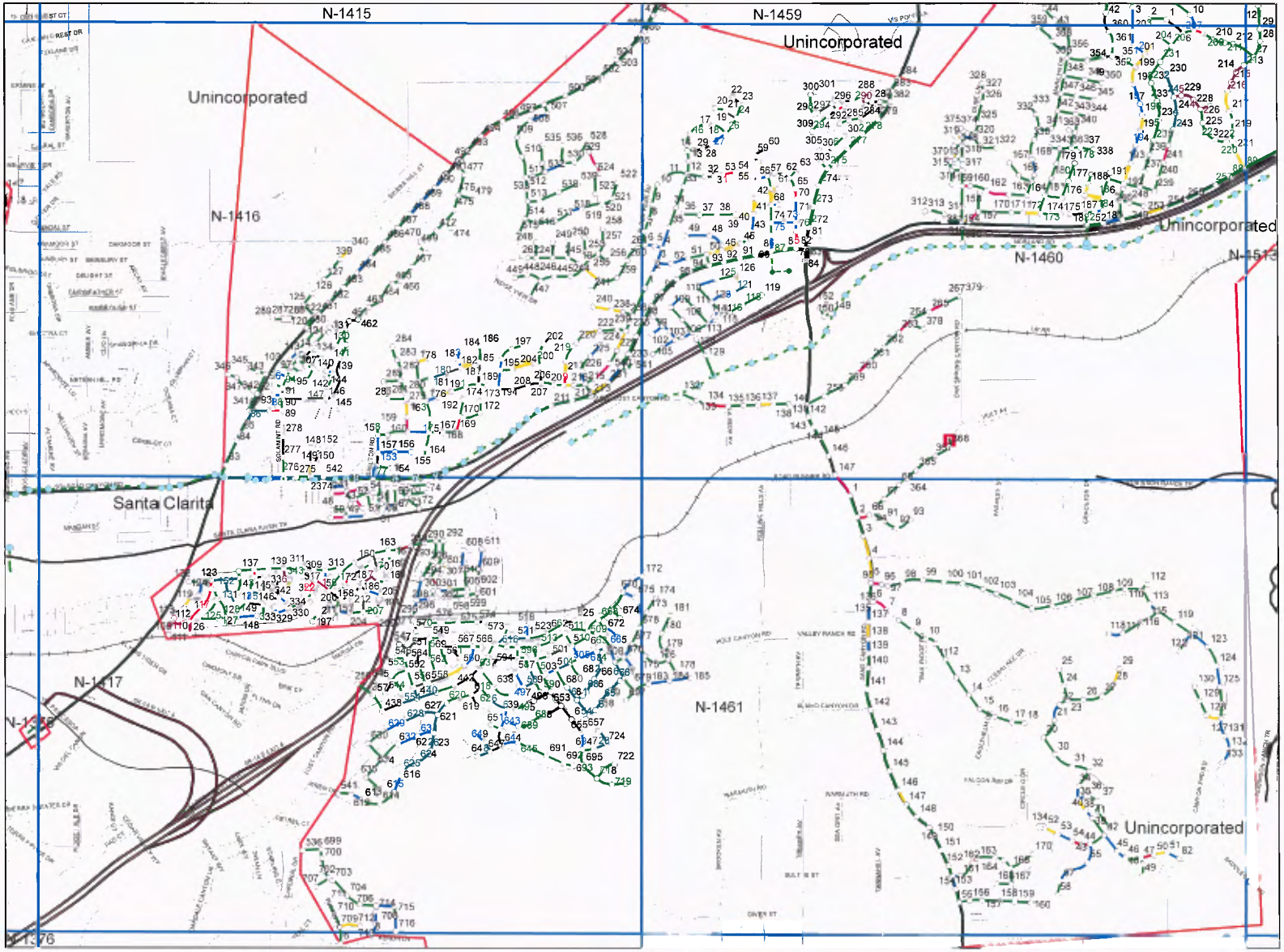
June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 675 1,350 2,025 2,700

Feet

Legend

SMD Sanitary Sewers

QMR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
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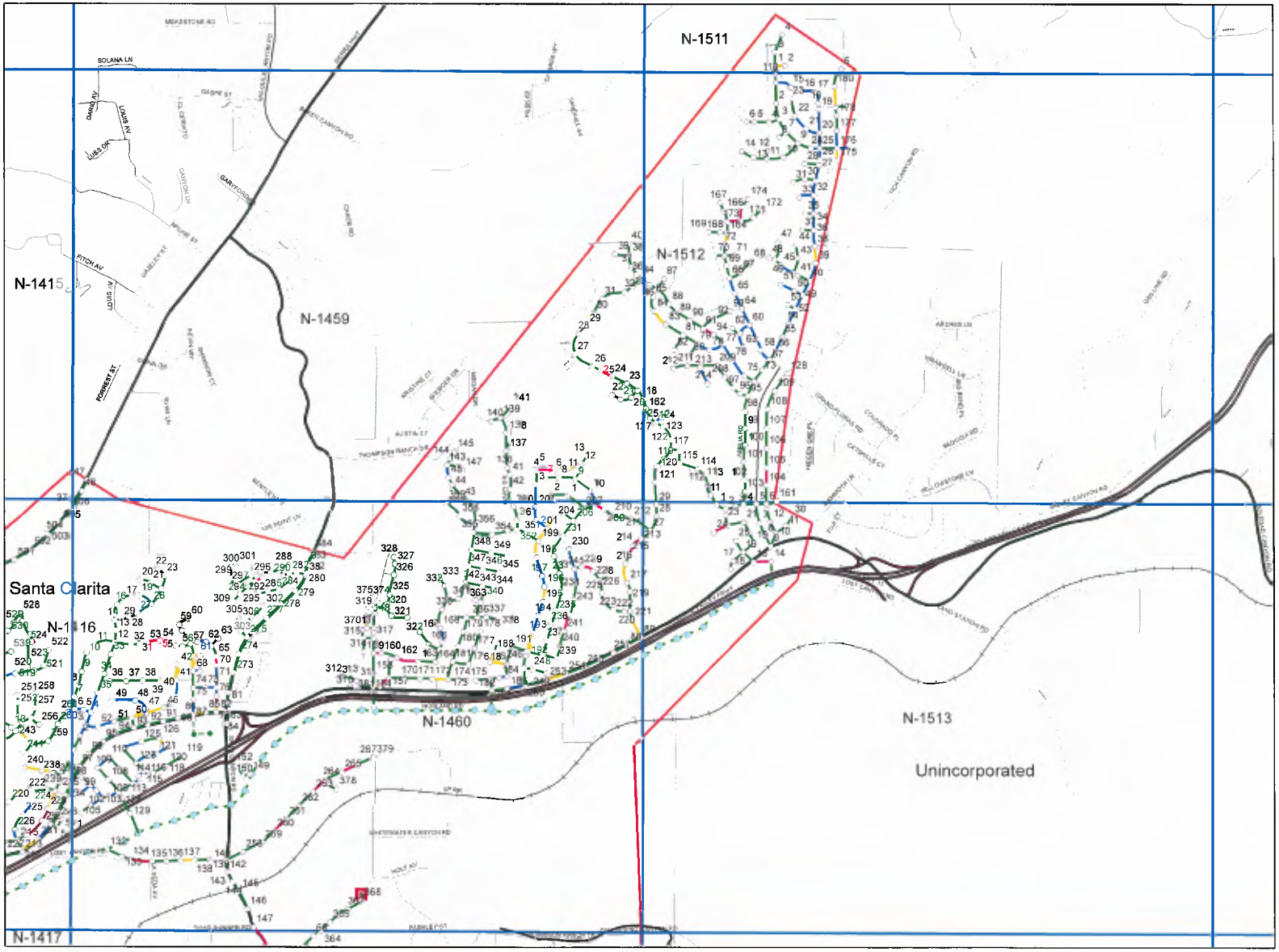
June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 720 1,440 2,160 2,880

Feet

Legend

SMD Sanitary Sewers

QMR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018

ENCLOSURE 2
HIGH WATER LEVEL
SANTA CLARITA (Y0TV1314A1)
as of 05/28/2014

NO.	QMR	START MH	END MH	STREET	OBSERVATION: LOCATION	CORRECTIVE ACTION TAKEN
1	514G	1417-0125	1417-0115	FAHREN LN	Camera Under Water: 80'-312'; debris	Hydrojet
2	514B	1374-0282	1374-0283	DELIGHT ST	Camera Under Water: 100'-243'; debris	Hydrojet
3	512H	1374-0253	1374-0254	ROSAMOND DR	Water Mark 90%	No action needed
4	4D11	SOUTH	1336-0028	CORNHILL RD	Camera Under Water: 5'-137'; debris	Hydrojet
5	4C00	1335-0049	1335-0043	EASEMENT	Camera Under Water: 140'-256'; debris	Hydrojet
6	4B00	1296-0541	1296-0490	SHEFFIELD LN	Camera Under Water:190'-285'; debris	Hydrojet
7	4B00	1513-0015	1513-0014	SOLEDAD CANYON RD	Camera Under Water: 250'-335'; debris	Hydrojet
8	5241	1332-0279	1332-0278	COPPER HILL DR	Water Mark 90%	No action needed
9	5200	1461-0066	1461-0002	COMET WY	Water Mark 75%	No action needed
10	5141	1332-0280	1332-0279	COPPER HILL DR	Water Mark 60%	No action needed
11	5131	1374-0035	1374-0287	EASEMENT	Water Level Sag 65%: 130'-162'; debris	Hydrojet
12	5100	1258-0074	1258-0075	EASEMENT	Water Level Sag 50%	Hydrojet
13	5100	1297-0028	1297-0788	LANGSTON ST	Water Mark 75%	No action needed
14	5100	1297-0031	1297-0030	LANGSTON ST	Water Level Sag 40%-50%; debris	Hydrojet
15	5100	1297-0780	1297-0781	ORCHARD VILLAGE	Water Level Sag 50%; debris	Hydrojet
16	5100	1332-0210	1332-0278	HASKELL CYN RD	Water Level Sag 50%: 134'-140'	Hydrojet
17	5100	1416-0089	1416-0088	DOLAN WY	Water Level Sag 50%: 140'-190'; debris	Hydrojet
18	5100	1417-0115	1417-0110	EASEMENT	Camera Under Water; debris	Hydrojet
19	5100	1417-0289	1417-0163	JAKES WY	Water Mark 75%	No action needed
20	5100	1417-0302	1417-0303	LYNNE CT	Water Level Sag 50%	No action needed
21	5100	1417-0343	1417-0153	ALLEY	Water Mark 80%	No action needed
22	5100	1460-0135	1460-0134	LOST CANYON RD	Camera Under Water:163'-220'	Hydrojet
23	4900	1296-0543	1296-0542	SHEFFIELD LN	Camera Under Water: 229'-278'; debris	Hydrojet
24	4900	1296-0551	1296-0542	EASEMENT	Water Level Sag 50% & Camera Under Water: 80'-111	Hydrojet
25	4800	1297-0023	1297-0024	LANGSTON ST	Camera Under Water: 80'-225'; debris	Hydrojet
26	4721	1417-0124	1417-0125	FAHREN LN	Water Level Sag 50%-100%; debris	Hydrojet
27	4700	1296-0494	1296-0497	ARROYO PARK DR	Water Level Sag 50%-100%; debris	Hydrojet
28	4633	1374-0215	1374-0282	DELIGHT ST	High water level	No action needed
29	4500	1258-0010	1258-0009	EASEMENT	Water Level Sag 60%-100%; debris	Hydrojet
30	4421	SOUTH	1336-0029	CORNHILL RD	Camera Under Water: 229'-249'	Hydrojet
31	4400	1417-0140	1417-0138	ROCK ROSE LN	Camera Under Water: 20'-50'; debris	Hydrojet
32	4300	1296-0416	1296-0417	VIA DELICIA	Camera Under Water: 190'-224'	Hydrojet
33	4300	1332-0330	1332-0329	HIDDEN HILLS DR	Camera Under Water: 150'-190'; debris	Hydrojet
34	4221	1333-0535	1373-0047	BOUQUET CANYON RD	Water Level Sag 50%-100%; debris	Hydrojet
35	4221	1417-0554	1417-0440	LOST CANYON RD	Camera Under Water: 80'-130'; debris	Hydrojet
36	4211	1374-0170	1374-0169	NADAL ST	Camera Under Water: 29'-40'; debris	Hydrojet

ENCLOSURE 2
HIGH WATER LEVEL
SANTA CLARITA (Y0TV1314A1)
as of 05/28/2014

NO.	QMR	START MH	END MH	STREET	OBSERVATION: LOCATION	CORRECTIVE ACTION TAKEN
37	4200	1293-0142	1293-0141	MC BEAN PKWY	Water Level Sag 50%-65%; debris	Hydrojet
38	4200	1297-0099	1297-0100	TOURNAMENT RD	Water Level Sag 50%-100%	Hydrojet
39	4121	1333-0260	1333-0262	RAINDANCE PL	Water Level Sag 70%	Hydrojet
40	4121	1416-0170	1416-0169	PARK MEADOW DR	Water Level Sag 50%	Hydrojet
41	4112	1297-0228	1297-0227	EASEMENT	Water Mark 50%	No action needed
42	4111	1294-0660	1294-0661	SWEETWATER LN	Water Mark 50%	No action needed
43	4111	1460-0264	1460-0263	LOST CANYON RD	Water Mark 60%	No action needed
44	4111	1461-0007	1461-0006	LIVE OAK SPR CYN RD	Water Mark 50%	No action needed
45	4100	1257-0050	1257-0049	EMERALD COVE DR	Water Mark 55%	No action needed
46	4100	1257-0284	1257-0283	ROCKWELL CYN RD	Water Mark 55%	No action needed
47	4100	1293-0141	1294-0583	MCBEAN PKWY	Water Mark 50%	No action needed
48	4100	1293-0148	1293-0147	COPPER HILL DR	Water Mark 50%	No action needed
49	4100	1294-0596	1294-0595	COLDSPRINGS PL	Water Mark 50%	No action needed
50	4100	1294-0767	1294-0766	MCBEAN PKWY	Water Mark 50%	No action needed
51	4100	1295-0403	1295-TRUNK	CINEMA DR	Water Mark 50%	No action needed
52	4100	1296-0155	1296-0156	BOUQUET CYN RD	Water Mark 60%	No action needed
53	4100	1296-0157	1296-0155	BOUQUET CYN RD	Water Mark 55%	No action needed
54	4100	1296-0159	1296-0158	BOUQUET CYN RD	Water Mark 50%	No action needed
55	4100	1296-0160	1296-0159	BOUQUET CYN RD	Water Mark 50%	No action needed
56	4100	1296-0380	1297-0002	MATEL RD	Water Level Sag 50%-100%; debris	Hydrojet
57	4100	1296-0392	1296-0391	EASEMENT	Water Level Sag 50%: 326'-347'; debris	Hydrojet
58	4100	1296-0544	1296-0543	SHEFFIELD LN	Water Level Sag 60%-100%: 233'-246';debris	Hydrojet
59	4100	1296-0550	1296-0551	DEVONSHIRE CT	Water Level Sag 60%: 0'-45'	Hydrojet
60	4100	1297-0029	1297-0028	LANGSTON ST	Camera Under Water: 0'; debris	Hydrojet
61	4100	1297-0030	1297-0029	LANGSTON ST	Water Mark 55%	No action needed
62	4100	1297-0785	1297-0781	ORCHARD VILLAGE	Water Level Sag 50%	Hydrojet
63	4100	1332-0361	1332-0360	HIGH SIERRA TR	Water Mark 50%	No action needed
64	4100	1333-0208	1333-0209	ANNETTE JO CR	Water Mark 50%	No action needed
65	4100	1333-0245	1333-0244	BOUQUET CANYON RD	Water Mark 50%	No action needed
66	4100	1333-0451	1333-0450	ALTENA DR	Water Level Sag 50%-100%: 90'-187'	Hydrojet
67	4100	1416-0137	1416-0145	SUNDOWNDER WY	Water Mark 55%	No action needed
68	4100	1417-0123	1417-0124	FAHREN LN	Water Level Sag 65%; debris	Hydrojet
69	4100	1417-0156	1417-0310	SANDY DR	Water Mark 50%	No action needed
70	4100	1417-0188	1417-0187	SARA ST	Water Level Sag 50%-100% : 28'-45'	Hydrojet
71	4100	1417-0318	1417-0310	ANN'S CR	Water Mark 50%	No action needed
72	4100	1417-0617	1417-0443	WINTER PINE WY	Water Level Sag 50%-100% :244'-253'	Hydrojet

ENCLOSURE 2
HIGH WATER LEVEL
SANTA CLARITA (Y0TV1314A1)

as of 05/28/2014

NO.	QMR	START MH	END MH	STREET	OBSERVATION: LOCATION	CORRECTIVE ACTION TAKEN
73	4100	1460-0157	1460-0156	EASEMENT	Water Level Sag 50%-100% : 50'-162'; debris	Hydrojet
74	4100	1460-0163	1460-0162	ADA ST	Water Level Sag 50%; debris	Hydrojet
75	4100	1460-0261	1460-0260	LOST CANYON RD	Water Mark 50%	No action needed
76	4100	1460-0266	1460-0265	LOST CANYON RD	Water Level Sag 50%: 230'-300'; debris	Hydrojet
77	4100	1460-0370	1460-0369	ALLEY	Water Mark 50%	No action needed
78	4100	1461-0001	1460-0147	SAND CANYON RD	Water Level Sag 40%: 189'-230'	Hydrojet
79	4100	1461-0096	1461-0095	ROBINSON RANCH RD	Water Mark 50%	No action needed
80	4100	1461-0163	1461-0162	COTSWOLD DR	Water Mark 50%	No action needed
81	4100	1512-0105	1512-0104	FLORABUNDA RD	Water Mark 50%	No action needed
82	3111	1297-0289	1297-0290	SARDA RD	Camera Under Water: 250'-290'; debris	Hydrojet
83	3100	1460-0371	1460-0369	ALLEY	Water Mark 50%	No action needed

ENCLOSURE 2

CCTV PROJECT

Y0TV1314A1

CITY OF SANTA CLARITA

HIGH WATER LEVEL

0 840 1,680 2,520 3,360

Feet

Legend

- HIGH WATER LEVEL

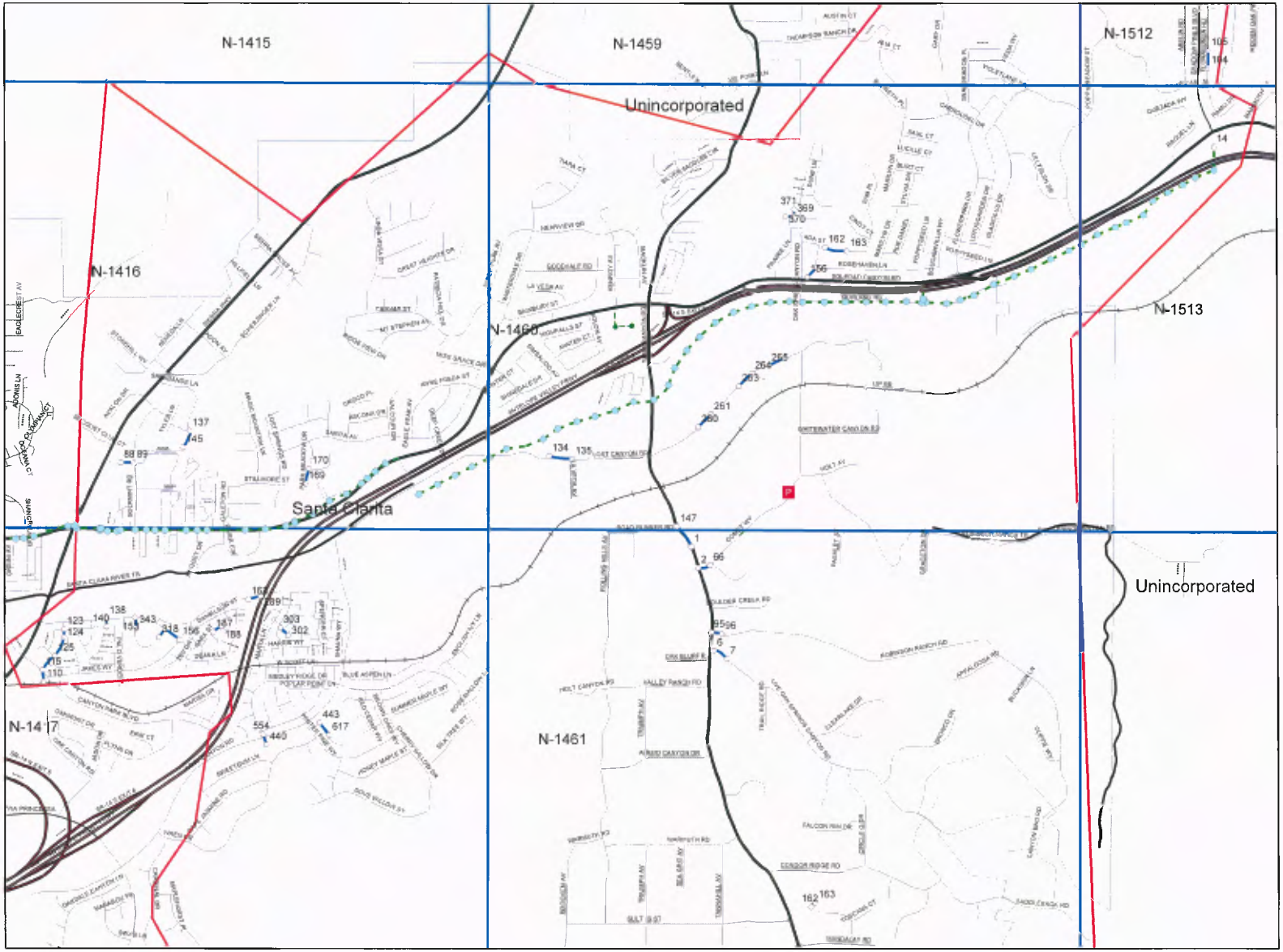
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A1

CITY OF SANTA CLARITA

HIGH WATER LEVEL

0 690 1,380 2,070 2,760

Feet

Legend

- HIGH WATER LEVEL

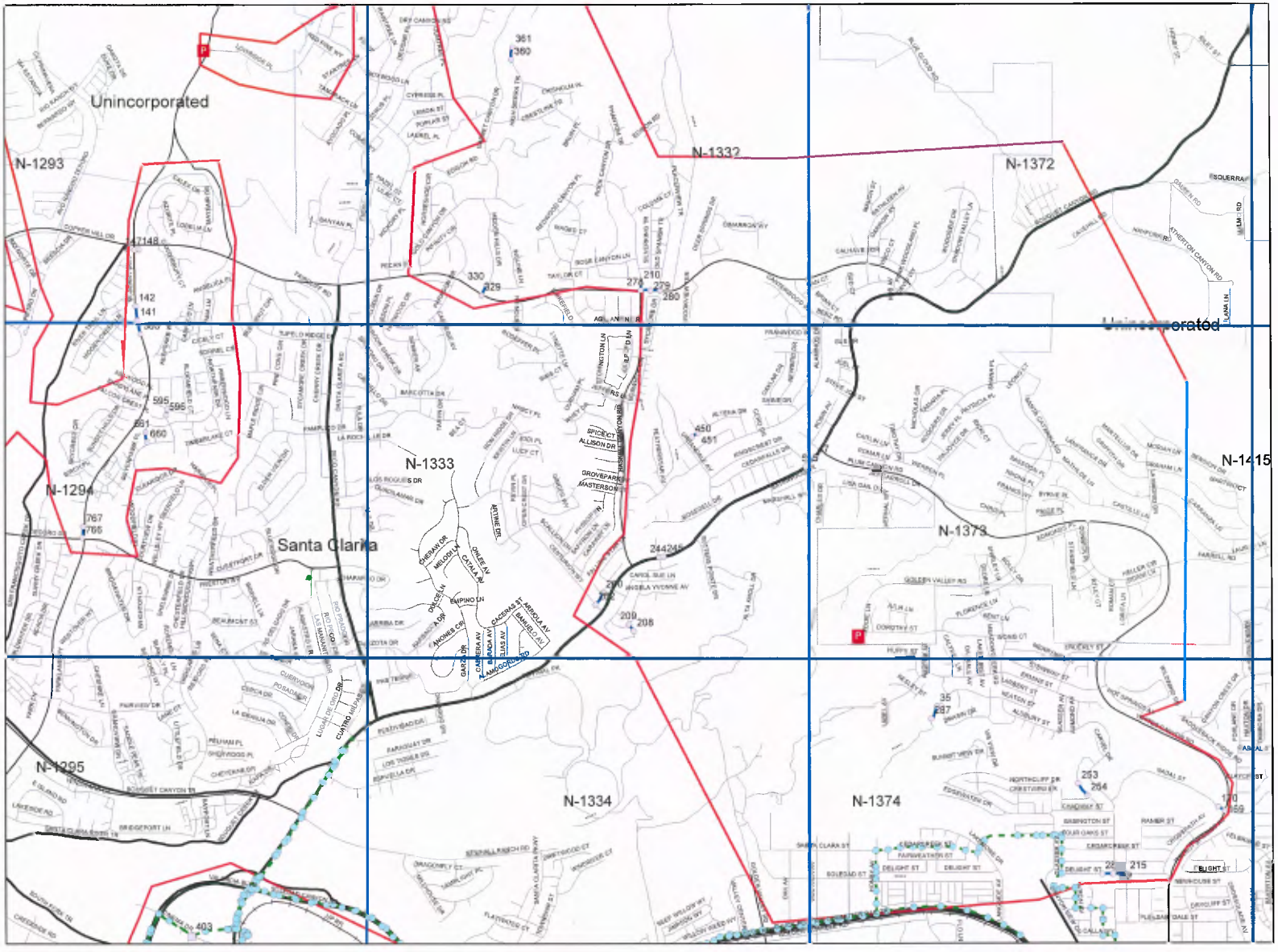
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A1

CITY OF SANTA CLARITA

HIGH WATER LEVEL

0 920 1,840 2,760 3,680

Feet

Legend

- HIGH WATER LEVEL

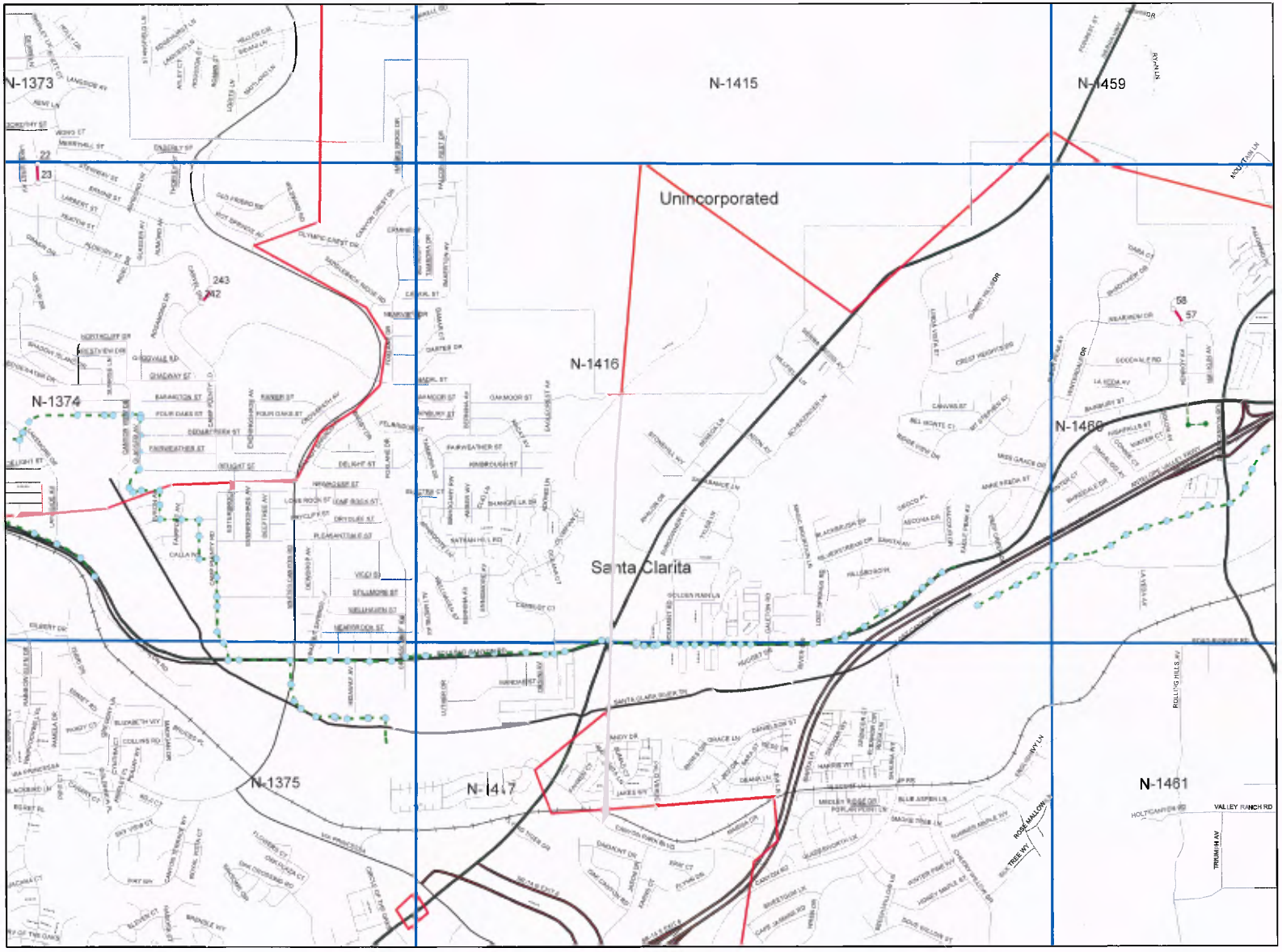
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A1

CITY OF SANTA CLARITA

INFILTRATION

0 640 1,280 1,920 2,560

Feet

Legend

- INFILTRATION

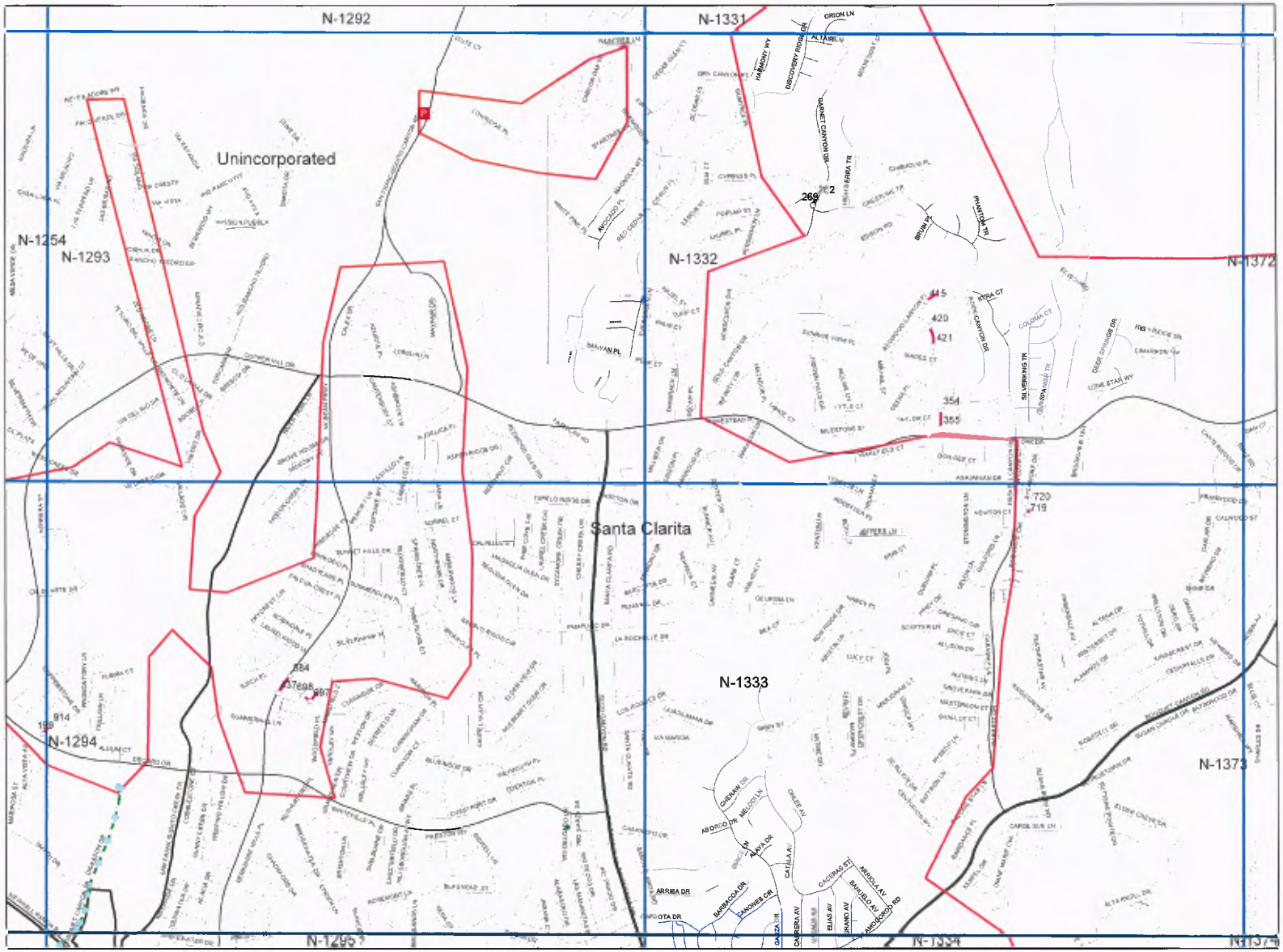
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1314A1

CITY OF SANTA CLARITA

INFILTRATION

0 680 1,360 2,040 2,720

Feet

Legend

- INFILTRATION

SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

June 2018

ENCLOSURE 2
INFILTRATION
SANTA CLARITA (Y0TV1314A1)

as of 5/28/2014

NO.	QMR	START MH	END MH	STREET	OBSERVATION: LOCATION	CORRECTIVE ACTION TAKEN
1	4100	1294-0584	1294-0437	MCBEAN PKWY	Infiltration (runner): 328'	Infiltration is minimal. No action needed.
2	4100	1255-0199	1294-0914	CALADIUM PL	Infiltration (runner): 193'	Infiltration is minimal. No action needed.
3	3214	1374-0022	1374-0023	MEADOWCREEK RD	Infiltration (dripper): 316'	Infiltration is minimal. No action needed.
4	3123	1332-0420	1332-0421	AGAJANIAN DR	Infiltration (runner): 2', 338'	Infiltration is minimal. No action needed.
5	3122	1460-0058	1460-0057	KENROY AV	Infiltration (runner): 247'	Infiltration is minimal. No action needed.
6	3121	1333-0720	1333-0719	SYCAMORE DR	Infiltration (runner): 1'	Infiltration is minimal. No action needed.
7	3121	1294-0696	1294-0697	EASEMENT	Infiltration (runner): 221'	Infiltration is minimal. No action needed.
8	3121	1294-0697	1294-0698	EASEMENT	Infiltration (runner): 154'	Infiltration is minimal. No action needed.
9	3100	1332-0415	1332-0350	REDWOOD CYN PL	Infiltration (dripper): 240'	Infiltration is minimal. No action needed.
10	3100	1332-0355	1332-0354	WILLOW CYN CT	Infiltration (dripper): 159'	Infiltration is minimal. No action needed.
11	3100	1374-0243	1374-0242	CAMP PLENTY RD	Infiltration (dripper): 230'	Infiltration is minimal. No action needed.
12	3100	1332-0269	1332-0262	GARNET CYN DR	Infiltration (dripper): 45'	Infiltration is minimal. No action needed.

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

MARK PESTRELLA, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

{DATE}

IN REPLY PLEASE
REFER TO FILE: SM-1

Mr./Ms. {NAME}
{ADDRESS}
{ADDRESS}

Dear Mr./Ms. {NAME}:

SEWER LATERAL ROOT INTRUSION
{ADDRESS}

The County of Los Angeles Consolidated Sewer Maintenance District is responsible for the maintenance of the sanitary sewer system in your area. A camera inspection of the sewer mainline discovered roots in your sewer lateral connection. The intrusion of the roots from your lateral may block the flow of sewage in the mainline sewer causing an overflow to your property and/or those immediately upstream of your property. You are hereby requested to perform maintenance on the private sewer lateral serving the property located at {ADDRESS}.

In accordance with **County Code 20.24.080 Maintenance of Sewer Laterals**. "***All house laterals, industrial connection sewers, septic tank outlet connections to STEP system, and appurtenances thereto existing as of January 23, 1953, or thereafter constructed, shall be maintained by the owner of the property served in a safe and sanitary condition, and all devices or safeguards which are required by this Division 2 for the operation thereof shall be maintained in good working order.***"

As the property owner, you are responsible for the entire length of the sewer lateral, which includes the portion that extends beyond the property line into the public right of way. We request that you contact a licensed plumber to service your sewer lateral within 90 days to remove roots and any other obstructions that may cause a sewage backup.

Your licensed plumber is required to protect the District's sewer mainlines from dislodged roots and other debris by utilizing catcher baskets at the manhole downstream from your lateral connection. Prior to your plumber cleaning your lateral, please notify the District's sewer maintenance yard in your area at (XXX) XXX-XXXX to arrange for authorization to access the downstream manhole.

We have enclosed photos of your lateral connection showing the root blockage. In addition, we have included literature on ways to minimize sewer overflows and damage to your home. Please consider establishing a routine cleaning schedule for your sewer lateral to minimize potential plumbing problems caused by root intrusion that are likely to reoccur.

If your sewer lateral has been cleaned after the date on the enclosed photos, no further action is necessary. After your lateral has been serviced, please notify Ms. Kari Eskridge, Sewer Maintenance Division, at (626) 300-3390 or keskridge@dpw.lacounty.gov.

Thank you for helping keep the sewer lines clean and in good working order.

Very truly yours,

MARK PESTRELLA
Director of Public Works

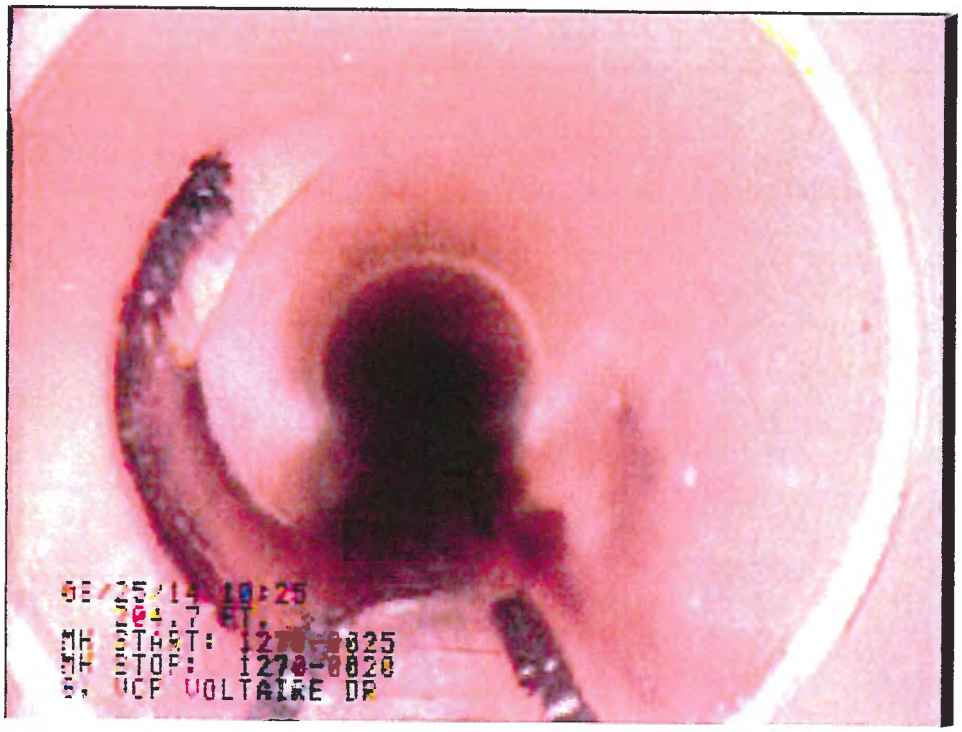
WILLIAM J. WINTER
Assistant Deputy Director
Sewer Maintenance Division

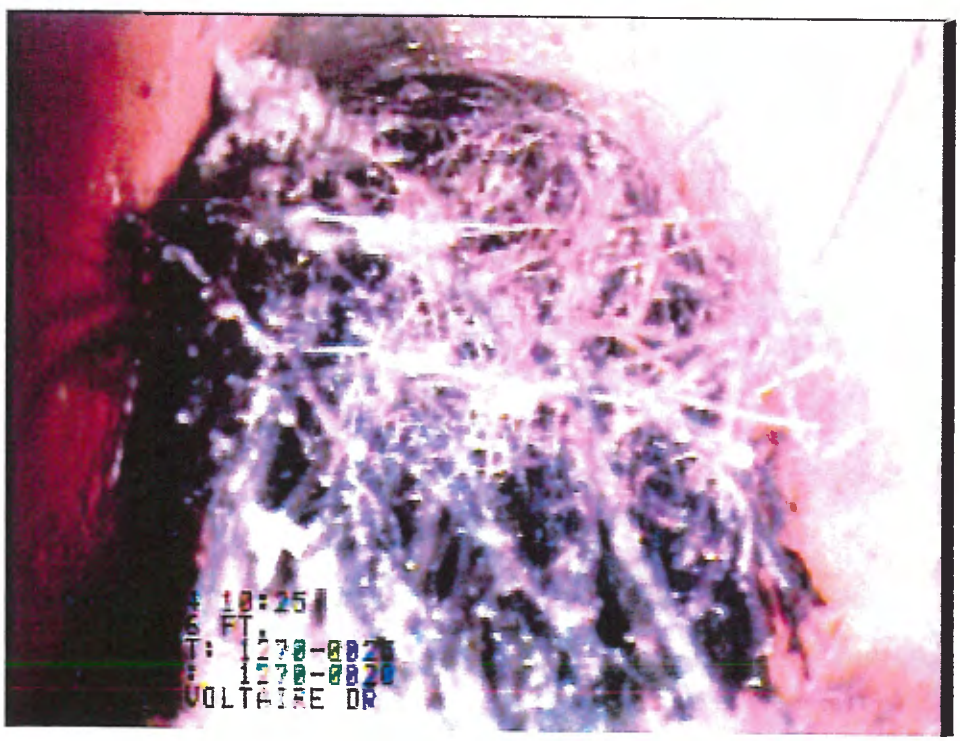
XX:xx
{FILEPATH}

Enc.

{ADDRESS}
{ADDRESS}

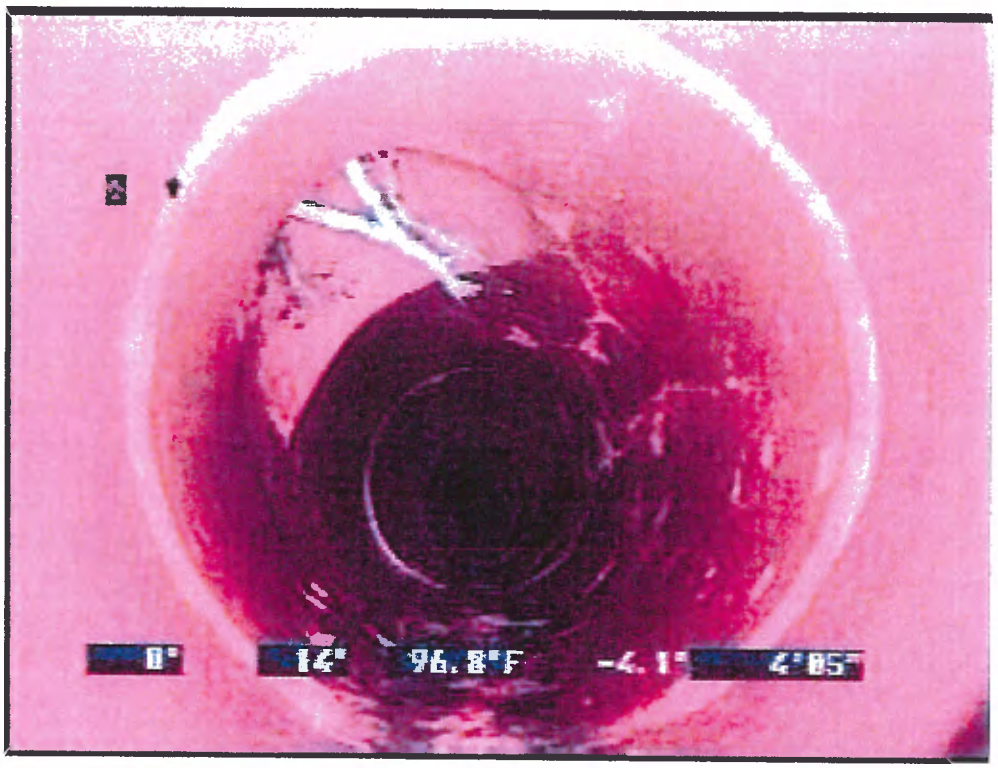
Roots at Lateral Connection





{Address}
{Address}

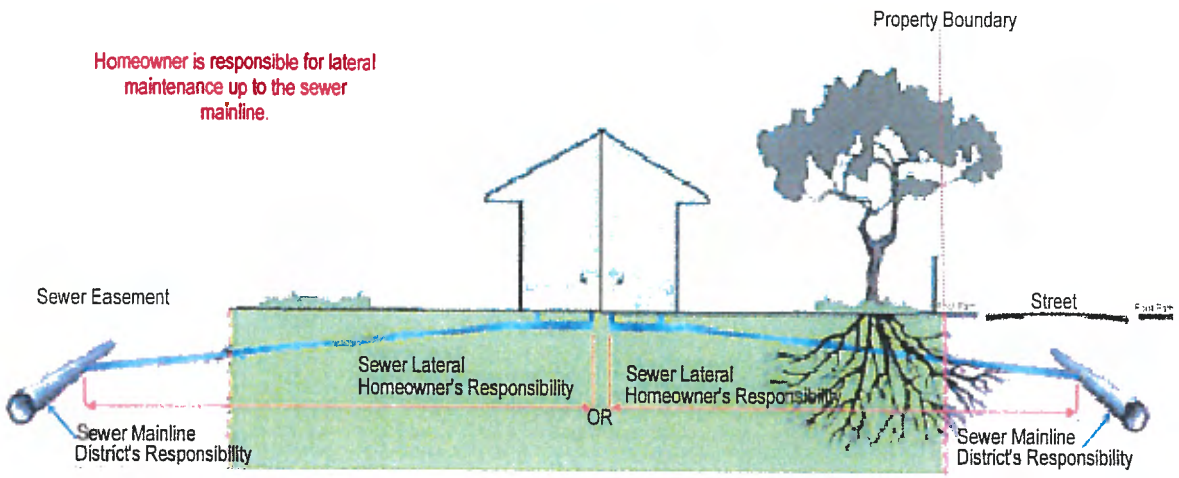
Roots at Lateral Connection



Minimizing Sewer Overflows and Damage to Your Home

The sewer system within the County of Los Angeles Consolidated Sewer Maintenance District (District) is comprised of a series of underground pipes. Many are publicly owned; however, the sewer laterals are entirely owned by the private property owner they serve. The laterals extend from the building to the mainline within the street (or within an easement at the rear of your home). The laterals are typically four inches in diameter while the District's mainline is typically at least eight inches in diameter. The private property owner is responsible for the entire length of the lateral, which includes the portion that may be located within the public right of way (under the asphalt and street landscaping).

SEWER LATERALS – AREAS OF RESPONSIBILITY



Sewer backups can cause tremendous damage to the interior of a home. In order to minimize these, the District provides continual maintenance services for the public sewer mainlines.

Unfortunately, sewer laterals are often not maintained by private property owners until a disaster strikes. "Out of sight, out of mind" is a typical approach to sewer lateral maintenance and operation by many. It is our hope that we can provide you various means of addressing these issues and thus, minimize your risk of an overflow entering your home.

The three methods we suggest are:

1. Maintain your lateral through proper cleaning, repair, and replacement.
2. Do not place improper items into the sewer or make improper connections to the sewer.
    a. Keep rainwater out of the sewer lines as it overwhelms the capacity of the sewer lines and may cause sewer spills.
    b. Do not pour fats, oils, and grease in your drains as these products harden and stick to the inside of the sewer pipes, which build up and may eventually cause a blockage in the sewer pipe.
3. Install a backflow preventer and cleanout in your sewer lateral.

ENCLOSURE 3

- Quick Structural Rating Report Priority List
- Quick Structural Rating Map

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1314A1)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
1	1257-0047	1257-0048	SUNBIRD CT	Fracture multiple; Broken	Lining
2	1297-0210	1297-0209	CIELO CT	Fracture multiple; Broken	Lining
3	1333-0535	1373-0047	BOUQUET CANYON RD	Broken	Lining
4	1297-0035	1297-0036	NOVELA WY	Fracture multiple; Broken	Lining
5	1296-0638	1296-0640	REGENCY PARK CIR	Fracture multiple	Lining
6	1374-0129	1374-0130	OLD FRIEND RD	Fracture multiple; Broken	Point repair; Lining
7	1297-0295	1297-0289	EASEMENT	Fracture multiple; Broken	Lining
8	1297-0211	1297-0212	BRAGANCA CT	Fracture multiple; Broken	Lining
9	1297-0281	1297-0282	EASEMENT	Fracture multiple	Lining
10	1294-0761	1294-0762	DICKASON DR	Fracture multiple	Lining
11	1296-0145	1296-0144	EASEMENT	Broken	Lining
12	1373-0006	1373-0157	HUFFY ST	No structural deficiencies	No action needed*
13	1297-0784	1297-0783	WILEY CANYON RD	Fracture multiple	Lining
14	1459-0006	1459-0004	ALLEY	Fracture multiple; Hole	Lining
15	1297-0027	1297-0029	KESTRAL DR	Fracture multiple; Broken	Lining
16	1460-0310	1460-0155	SOLEDAD CYN RD	Hole; Broken	Lining
17	1416-0153	1417-0077	GALETON RD	Fracture multiple	Point repair; Lining
18	1372-0016	1372-0015	ALAMINOS DR	Fracture multiple; Broken	Lining
19	1297-0330	1297-0329	SARDA RD	Fracture multiple; Broken	Lining
20	1296-0531	1296-0530	ALLEY	Fracture multiple; Broken	Lining
21	1297-0206	1297-0205	OAK VALE DR	Fracture multiple; Broken	Lining
22	1374-0137	1374-0136	HOT SPRINGS AVE	Fracture multiple	Lining
23	1297-0026	1297-0030	INDIAN WELLS CIR	Fracture multiple; Broken	Lining
24	1296-0714	1296-0002	VALENCIA BLVD	Broken	No action needed*
25	1374-0290	1374-0291	EASEMENT	Fracture multiple; Broken	Point repair

*Structural deficiencies are categorized into groups of defects or observations with a wide range of severity. Each of these deficiencies received additional post inspection review and some of these were determined not likely to interfere with the normal operation of the sewer line due to the severity, size, and/or location of the deficiency. These segments will be reviewed during the next cycle of CCTV inspections.

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1314A1)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
26	1460-0054	1460-0055	NEARVIEW DR	Fracture multiple; Broken	Lining
27	1417-0557	1417-0554	GLADESWORTH LN	Fracture multiple	Lining
28	1296-0472	1296-0473	VIA FLORED	Fracture multiple	Lining
29	1296-0792	1296-0798	DEL MONTE DR	Fracture multiple; Broken	Point repair
30	1296-0688	1296-0687	IVREA AV	Fracture multiple; Broken	Lining
31	1296-0708	1296-0709	VALENCIA BV	Broken	Point repair
32	1513-0004	1513-0005	BEGONIAS LN	Fracture multiple; Broken	Lining
33	1293-0333	1293-0099	EASEMENT	Fractures	No action needed*
34	1373-0155	1374-0011	HAYCREEK AVE	Hole; Broken	No action needed*
35	1333-0559	1333-0558	BOUQUET CANYON RD	Hole	No action needed*
36	1417-0160	1417-0159	JAKES WY	Fracture multiple	No action needed*
37	1294-0458	1294-0457	PVT DRWY & FIRE LN	Fracture multiple	No action needed*
38	1297-0044	1297-0043	OLD COURSE WY	Fracture multiple	Lining
39	1333-0232	1333-0231	KENFEL DR	Hole	No action needed*
40	1374-0037	1374-0036	PINE HILLS AVE	Fracture multiple	No action needed*
41	1296-0776	1296-0725	CHISWICK CT	Fractures	No action needed*
42	1331-0008	1331-0007	DISCOVERY RIDGE DR	No structural deficiencies	No action needed*
43	1332-0415	1332-0350	REDWOOD CYN PL	Hole	Lining
44	1373-0071	1373-0070	VERNAL WY	Hole	Lining
45	1374-0132	1374-0133	WILDWIND RD	Fractures	No action needed*
46	1374-0212	1374-0213	DELIGHT ST	Broken	No action needed*
47	1460-0308	1460-0275	SILVER SADDLES CR	Broken	No action needed*
48	1332-0222	1332-0221	ROSE CANYON LN	Fractures	Lining
49	1374-0063	1374-0062	LANGSIDE AVE	Hole at base of Manhole	MH base repair
50	1374-0082	1374-0081	ERMINE ST	Hole at base of Manhole	MH base repair

*Structural deficiencies are categorized into groups of defects or observations with a wide range of severity. Each of these deficiencies received additional post inspection review and some of these were determined not likely to interfere with the normal operation of the sewer line due to the severity, size, and/or location of the deficiency. These segments will be reviewed during the next cycle of CCTV inspections.

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1314A1)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
51	1373-0151	1374-0018	OAKGALE AVE	Fractures	Lining
52	1461-0135	1461-0095	SAND CANYON RD	Broken	No action needed*
53	1336-0003	1336-0129	CIRCLE J RANCH RD	Fracture multiple; Broken	Point repair
54	1335-0076	1335-0075	CARDIFF DR	No structural deficiencies	No action needed*
55	1297-0042	1297-0043	OLD COURSE WY	Fracture multiple; Broken	Lining
56	1296-0669	1296-0670	WOODLARK LN	Fracture multiple	Lining
57	1296-0671	1296-0670	LORIKEET LN	Fracture multiple; Broken	Lining
58	1461-0024	1461-0023	EASEMENT	Hole	No action needed*
59	1417-0125	1417-0115	FAHREN LN	Fracture multiple	Lining
60	1296-0679	1296-0682	EMERALD DOVE DR	Fracture multiple	No action needed*
61	1297-0289	1297-0290	SARDA RD	No structural deficiencies	No action needed*
62	1297-0297	1297-0296	VIA HAMACA	Fracture multiple	Lining
63	1373-0017	1373-0021	SUE DR	No structural deficiencies	No action needed*
64	1257-0044	1296-0682	MISTLETOE CT	Fracture multiple	No action needed*
65	1296-0161	1296-0160	RAILROAD AV	No structural deficiencies	No action needed*
66	1336-SOUTH	1336-0028	CORNHILL RD	No structural deficiencies	No action needed*
67	1296-0620	1296-0618	VERSAILLES AV	Fracture multiple	Lining
68	1297-0031	1297-0030	LANGSTON ST	No structural deficiencies	No action needed*
69	1417-0136	1417-0132	SUMAC CT	No structural deficiencies	No action needed*
70	1460-0266	1460-0265	LOST CANYON RD	Fractures	No action needed*
71	1513-0015	1513-0014	SOLEDAD CANYON RD	No structural deficiencies	No action needed*
72	1417-0301	1417-0302	LYNNE CT	No structural deficiencies	No action needed*
73	1296-0499	1296-0498	EASEMENT	No structural deficiencies	No action needed*
74	1417-0124	1417-0125	FAHREN LN	Fractures	No action needed*
75	1373-0018	1373-0017	ROBIN AVE	Fractures	No action needed*

*Structural deficiencies are categorized into groups of defects or observations with a wide range of severity. Each of these deficiencies received additional post inspection review and some of these were determined not likely to interfere with the normal operation of the sewer line due to the severity, size, and/or location of the deficiency. These segments will be reviewed during the next cycle of CCTV inspections.

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1314A1)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
76	1258-0010	1258-0009	EASEMENT	No structural deficiencies	No action needed*
77	1294-0473	1294-0472	EASEMENT	No structural deficiencies	No action needed*
78	1374-0130	1374-0131	OLD FRIEND RD	No structural deficiencies	No action needed*
79	1296-0543	1296-0542	SHEFFIELD LN	No structural deficiencies	No action needed*
80	1296-0664	1296-0665	WOODLARK LN	Fractures	No action needed*
81	1297-0205	1297-0204	OAK VALE DR	Fractures	No action needed*
82	1297-0014	1297-0015	EASEMENT	No structural deficiencies	No action needed*
83	1297-0313	1297-0312	VIA ESCOVAR	Fracture multiple	No action needed*
84	1297-0817	1297-0818	VIA PALACIO	Fracture multiple	No action needed*
85	1296-0674	1296-0672	LORIKEET LN	Fractures; Broken	No action needed*
86	1296-0063	1296-0062	LA VITA CT	Fracture multiple	Lining
87	1297-0022	1297-0023	GAVEA CT	Fractures	No action needed*
88	1296-0067	1296-0068	HUERTA DR	Fractures	No action needed*
89	1373-0102	1373-0103	CAITLIN LN	No structural deficiencies	No action needed*
90	1374-0052	1374-0058	EASEMENT	Fractures; Broken	No action needed*
91	1297-0350	1297-0349	ROTUNDA RD	Fracture multiple	No action needed*
92	1296-0504	1296-0509	EASEMENT	Fractures	No action needed*
93	1416-0194	1416-0208	SARITA AV	No structural deficiencies	No action needed*
94	1296-0475	1296-0474	VIA DONA CHRISTA	Fractre multiple	Lining
95	1417-0439	1417-0438	LOST CANYON RD	Fracture multiple	Lining
96	1294-0565	1294-0557	SUNSET HILLS DR	Fractures	No action needed*
97	1333-0720	1333-0719	SYCAMORE DR	No structural deficiencies	No action needed*
98	1297-0193	1297-0194	HOGAN DR	Fractures	No action needed*
99	1460-0039	1460-0041	GOODVALE RD	Fractures	No action needed*
100	1512-0091	1512-0094	WISTARIA VALLEY RD	Fracture multiple; Broken	Point repair; Lining

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ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1314A1)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
101	1374-0035	1374-0287	EASEMENT	No structural deficiencies	No action needed*
102	1374-0170	1374-0169	NADAL ST	No structural deficiencies	No action needed*
103	1460-0341	1460-0331	MARILYN DR	Fracture multiple	Lining
104	1417-0446	1417-0445	LOST CANYON RD	No structural deficiencies	No action needed*
105	1297-0785	1297-0781	ORCHARD VILLAGE	Fractures	No action needed*
106	1296-0245	1296-0244	ARROYO PARK DR	Fractures	No action needed*
107	1296-0544	1296-0543	SHEFFIELD LN	Fractures	No action needed*
108	1294-0549	1294-0550	LAURELWOOD LN	Fracture multiple	Lining
109	1460-0209	1460-0208	LOTUSGARDEN DR	Fracture multiple	Lining
110	1416-0182	1416-0181	BLACKRUSH DR	Fractures	No action needed*
111	1460-0354	1460-0355	CARROUSEL DR	Fracture multiple	Lining
112	1297-0331	1297-0330	SARDA RD	Fracture multiple	Lining
113	1297-0028	1297-0788	LANGSTON ST	Fractures	No action needed*
114	1297-0228	1297-0227	EASEMENT	Fractures	No action needed*
115	1416-0185	1416-0182	BLACKRUSH DR	Fracture multiple	Lining
116	1296-0593	1296-0591	EASEMENT	Fracture multiple	Lining
117	1373-0225	1373-0229	EASEMENT	Fracture multiple	Lining
118	1296-0155	1296-0156	BOUQUET CYN RD	Fractures	No action needed*
119	1512-0063	1512-0061	GARDEN OF MUMS PL	Fracture multiple	No action needed*
120	1460-0184	1460-0183	ROSEHAVEN LN	Fractures	No action needed*
121	1461-0021	1461-0020	BRONCO DR	No structural deficiencies	No action needed*
122	1460-0366	1460-0367	COMET WY	Fracture multiple	Lining
123	1297-0308	1297-0309	VIA ONDA	Fractures	No action needed*
124	1297-0134	1297-0133	RAOBROON PL	Fractures	No action needed*
125	1297-0283	1297-0282	TOURNAMENT RD	Fractures	No action needed*

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ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1314A1)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
126	1294-0763	1294-0757	CORNERSTONE WY	Fracture multiple	Lining
127	1332-0232	1332-0231	ROCK CANYON DR	No structural deficiencies	No action needed*
128	1417-0685	1417-0684	MONTEREY PINES LN	No structural deficiencies	No action needed*
129	1417-0189	1417-0188	ALLEY	Fractures	No action needed*
130	1296-0315	1296-0316	SALCEDA RD	Fracture multiple	No action needed*
131	1374-0015	1374-0014	ERMINE ST	Fracture multiple	Lining
132	1296-0625	1296-0588	EASEMENT	Fracture multiple	No action needed*
133	1293-0150	1293-0149	GRANITE CT	Fractures	No action needed*
134	1374-0206	1374-0207	CROSSPATH AVE	Fracture multiple	Lining
135	1459-0009	1459-0010	RHODODENDRON DR	Fracture multiple	No action needed*
136	1296-0354	1296-0353	SERENA DR	Fractures	No action needed*
137	1296-0059	1296-0058	VIA RAZA	Fracture multiple	Lining:
138	1296-0609	1296-0610	TOURELLE DR	Fracture multiple	No action needed*
139	1296-0384	1297-0007	GALANTE WY	Fracture multiple	No action needed*
140	1296-0616	1296-0617	EASEMENT	Fracture multiple	Lining
141	1296-0722	1296-0723	DEL MONTE DR	Fractures	No action needed*
142	1297-0287	1297-0288	VIA CANDELA	Fracture multiple	No action needed*
143	1296-0715	1296-0683	CHIFF CHAFF CT	Fractures	No action needed*
144	1296-0621	1296-0585	EASEMENT	Fracture multiple	No action needed*
145	1297-0237	1297-0236	VIA PALADAR	Fractures	No action needed*
146	1296-0372	1296-0370	ALICANTE DR	Fracture multiple	No action needed*
147	1333-0234	1333-0233	BOUQUET CANYON RD	Fracture multiple	Lining
148	1333-0221	1333-0229	CAROL SUE LN	Fracture multiple	No action needed*
149	1417-0163	1417-0162	JAKES WY	Fracture multiple	No action needed*
150	1332-0240	1332-0239	SYCAMORE DR	Fracture multiple	No action needed*

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QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1314A1)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
151	1296-0345	1296-0346	PASEO LAURO CT	Fracture multiple	Lining
152	1374-0218	1374-0217	FAIRWEATHER ST	Fracture multiple	No action needed*
153	1297-0314	1297-0313	VIA ESCOVAR	Fractures	No action needed*
154	1372-0023	1372-0022	CROWN CT	Fracture multiple	No action needed*
155	1374-0303	1374-0302	DELIGHT ST	Fracture multiple	No action needed*
156	1460-0193	1460-0192	FLOWERPARK DR	Fracture multiple	No action needed*
157	1374-0085	1374-0087	GLASSER AVE	Fracture multiple	No action needed*
158	1417-0556	1417-0557	STERLING GROVE	Fractures	No action needed*
159	1416-0104	1416-0014	ALLEY	Fracture multiples	No action needed*
160	1417-0173	1417-0172	ALLEY	Fractures	Lining
161	1417-0184	1417-0180	ALLEY	Fractures	No action needed*
162	1335-0075	1335-0074	CARDIFF DR	Broken	Lining
163	1296-0043	1296-0038	EASEMENT	Fractures	No action needed*
164	1297-0300	1297-0302	PLAZA GAVILAN	Fractures	No action needed*
165	1336-0009	1336-0008	BARNHILL RD	Fractures	No action needed*
166	1297-0221	1297-0220	EASEMENT	Broken; Fractures	Lining
167	1293-0176	1293-0177	LOBELIA LN	Fractures	No action needed*
168	1293-0179	1293-0156	CALEX DR	Fracture multiple	Lining
169	1294-0629	1294-0633	TIMBERLANE DR	Fracture multiple	No action needed*
170	1293-0291	1293-0290	ALLEY	Fractures	Lining
171	1294-0558	1294-0557	GREYSTONE CT	Broken	No action needed*
172	1294-0751	1294-0753	EASEMENT	Fracture multiple	No action needed*
173	1332-0362	1332-0358	ROCK CYN DR	No structural deficiencies	No action needed*
174	1333-0492	1333-0493	WELLSTON DR	Fracture multiple	Lining
175	1373-0030	1373-0035	EASEMENT	Fracture multiple	No action needed*

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QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1314A1)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
176	1333-0573	1333-0565	ELDER CREEK DR	Fracture multiple	No action needed*
177	1333-0207	1333-0208	ANNETTE JO CR	Fractures	No action needed*
178	1333-0224	1333-0223	CAROL SUE LN	Fracture multiple	No action needed*
179	1374-0133	1374-0134	WILDWIND RD	Fractres	No action needed*
180	1333-0229	1333-0230	KENFEL DR	Fracture multiple	No action needed*
181	1374-0262	1374-0263	BABINGTON ST	Fracture multiple	Lining
182	1374-0251	1374-0240	EASEMENT	Fracture multiple	No action needed*
183	1512-0005	1512-0004	CALLA LILY CT	Fracture multiple	Lining
184	1512-0125	1512-0124	JULIANNE CT	Hole	Point repair
185	1460-0053	1460-0054	NEARVIEW DR	Fractures	No action needed*
186	1416-0198	1416-0197	CROCO PL	No structural deficiencies	No action needed*
187	1416-0195	1416-0194	CROCO PL	No structural deficiencies	No action needed*
188	1373-0149	1374-0022	MEADOWCREEK CT	Fracture multiple	No action needed*
189	1373-0150	1374-0021	LARKHURST AVE	Fracture multiple	No action needed*
190	1373-0157	1373-0156	HUFFY ST	Fracture multiple	Lining
191	1417-0705	1417-0704	MAPLEHURST PL	Fracture multiple; Broken	Point repair
192	1460-0280	1460-0279	SAN CANYON RD	Fracture multiple	No action needed*
193	1460-0273	1460-0272	SAND CANYON RD	Fractures	No action needed*
194	1336-0026	1336-0025	PARVIN DR	Fractures	No action needed*
195	1297-0792	1297-0793	VIA CLASICO	Fractures	No action needed*
196	1297-0806	1297-0817	VIA PALACIO	Fractures	No action needed*
197	1297-0816	1297-0817	VIA CHANTILLY	Fractures	No action needed*
198	1296-0322	1296-0323	RANCHO ADOBE RD	Fractures	No action needed*
199	1296-0423	1296-0425	VIA CALMA	Fractures	No action needed*
200	1296-0208	1296-0207	ADOLFO CT	Fractures	No action needed*

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QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1314A1)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
201	1296-0373	1296-0372	ALICANTE DR	Fractures	No action needed*
202	1296-0214	1296-0213	VIA PRIMERO	Fractures	No action needed*
203	1296-0446	1296-0361	EASEMENT	Fractures	No action needed*
204	1296-0086	1296-0072	EASEMENT	Fractures	No action needed*
205	1297-0271	1297-0272	VISTA HILLS DR	Fractures	No action needed*
206	1297-0272	1297-0273	VISTA HILLS DR	Fractures	No action needed*
207	1297-0315	1297-0314	VIA ESCOVAR	Fracture multiple	Lining
208	1297-0034	1297-0033	MEADOW MONT ST	Fractures	No action needed*
209	1296-0617	1296-0618	MATEL RD	Fractures	No action needed*
210	1297-0033	1297-0032	MEADOW MONT ST	Fractures	No action needed*
211	1296-0676	1296-0678	WOODLARK LN	Fractures	No action needed*
212	1297-0217	1297-0218	OAK VALE DR	Fractures	No action needed*
213	1296-0752	1296-0743	BRIGHTON DR	Fracture multiple	No action needed*
214	1257-0049	1257-0048	EMERALD COVE DR	Fractures	No action needed*
215	1296-0756	1296-0749	BRIGHTON DR	Fracture multiple	No action needed*
216	1374-0284	1374-0285	DELIGHT ST	Fractures	No action needed*
217	1296-0540	1296-0539	ALLEY	Fractures	No action needed*
218	1296-0713	1296-0714	VALENCIA BLVD	Fracture multiple	No action needed*
219	1296-0533	1296-0532	ALLEY	Fractures	No action needed*
220	1296-0591	1296-0590	EASEMENT	Fracture multiple	No action needed*
221	1296-0590	1296-0589	EASEMENT	Fractures	No action needed*
222	1296-0626	1296-0625	EASEMENT	No structural deficiencies	No action needed*
223	1296-0538	1296-0539	ALLEY	Fracture multiple	No action needed*
224	1297-0036	1297-0032	MILL VALLEY RD	Fractures	No action needed*
225	1297-0133	1297-0046	MILL VALLEY RD	Fracture multiple	Lining

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QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1314A1)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
226	1297-0046	1297-0043	MILL VALLEY RD	Fractures	No action needed*
227	1297-0219	1297-0218	TOURNAMENT RD	Fracture multiple	Lining
228	1296-0395	1296-0394	EASEMENT	Fracture multiple	No action needed*
229	1297-0280	1297-0281	EASEMENT	Fracture multiple	No action needed*
230	1336-SOUTH	1336-0029	CORNHILL RD	No structural deficiencies	No action needed*

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ENCLOSURE 3

CCTV PROJECT

Y0TV1314A1

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 560 1,120 1,680 2,240

Feet

Legend

SMD Sanitary Sewers

QSR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNICANT

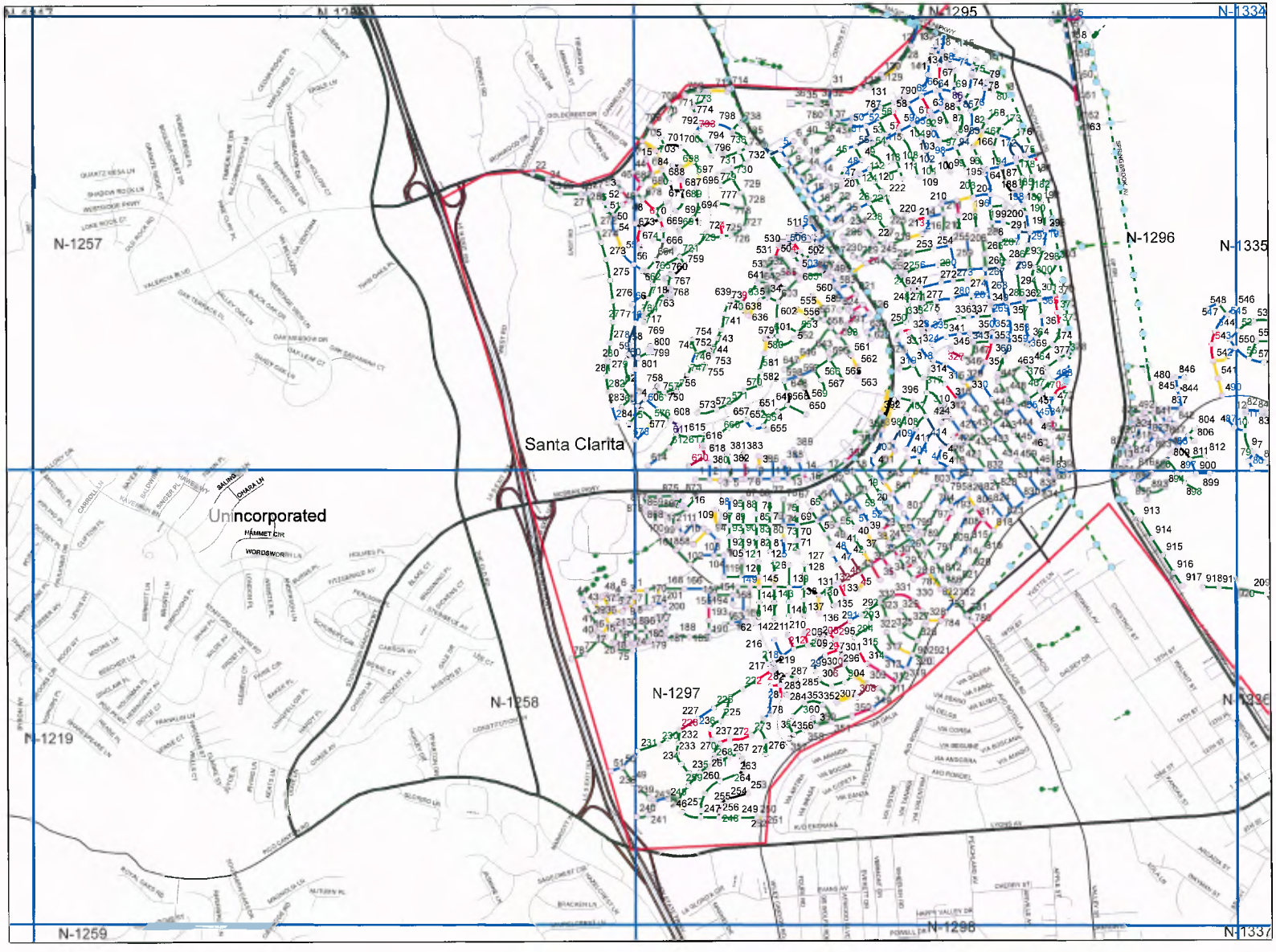
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- WTP SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018



ENCLOSURE 3

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 675 1,350 2,025 2,700

Feet

Legend

SMD Sanitary Sewers

QSR

- 1: MINOR
- 2: MINOR TO MODERATE
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- 4: SIGNIFICANT
- 5 MOST SIGNICANT

SMD Manholes

- Other

Manhole Type

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- P SMD Pump Stations
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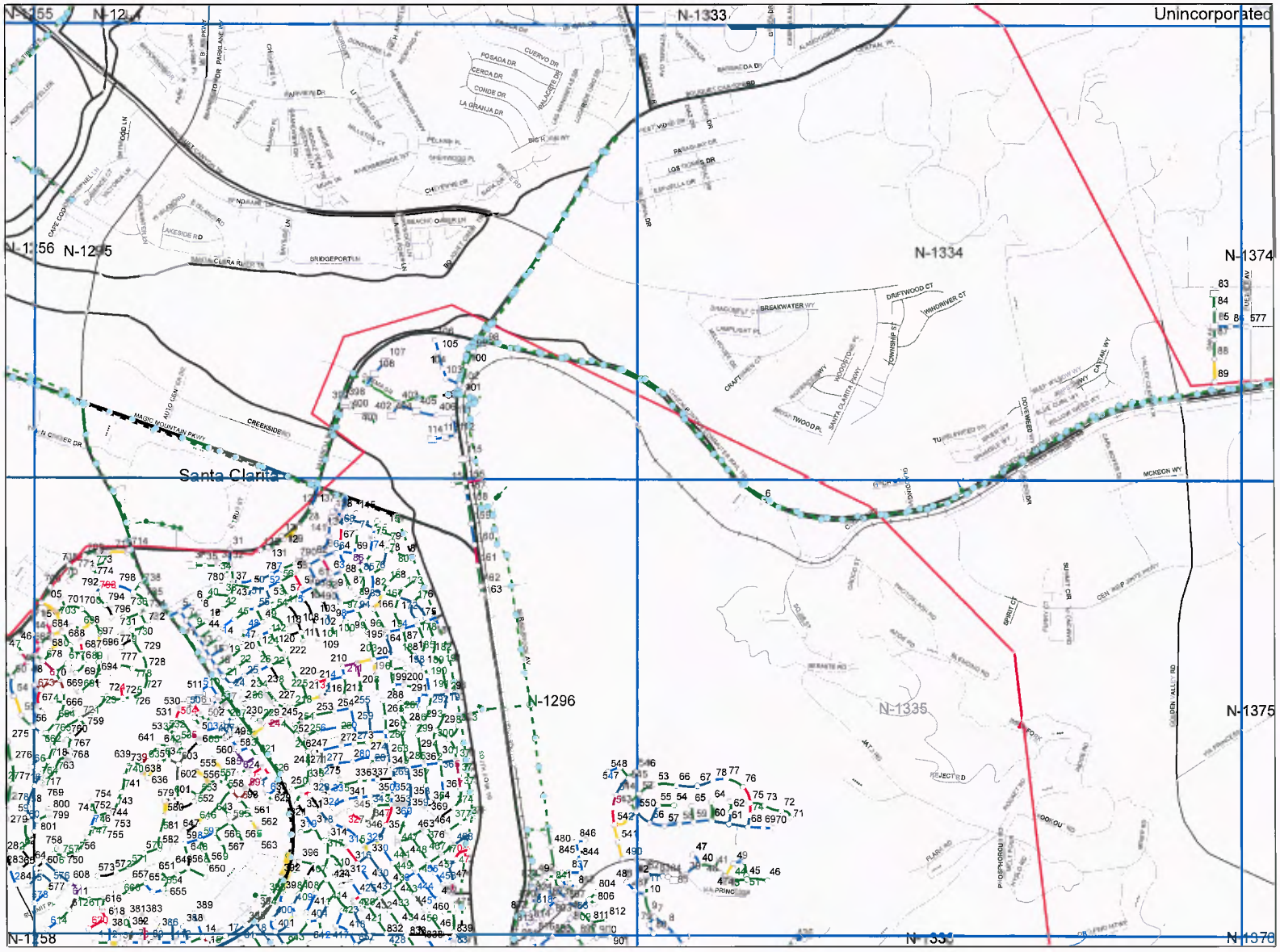
June 2018



ENCLOSURE 3

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 675 1,350 2,025 2,700

Feet

Legend

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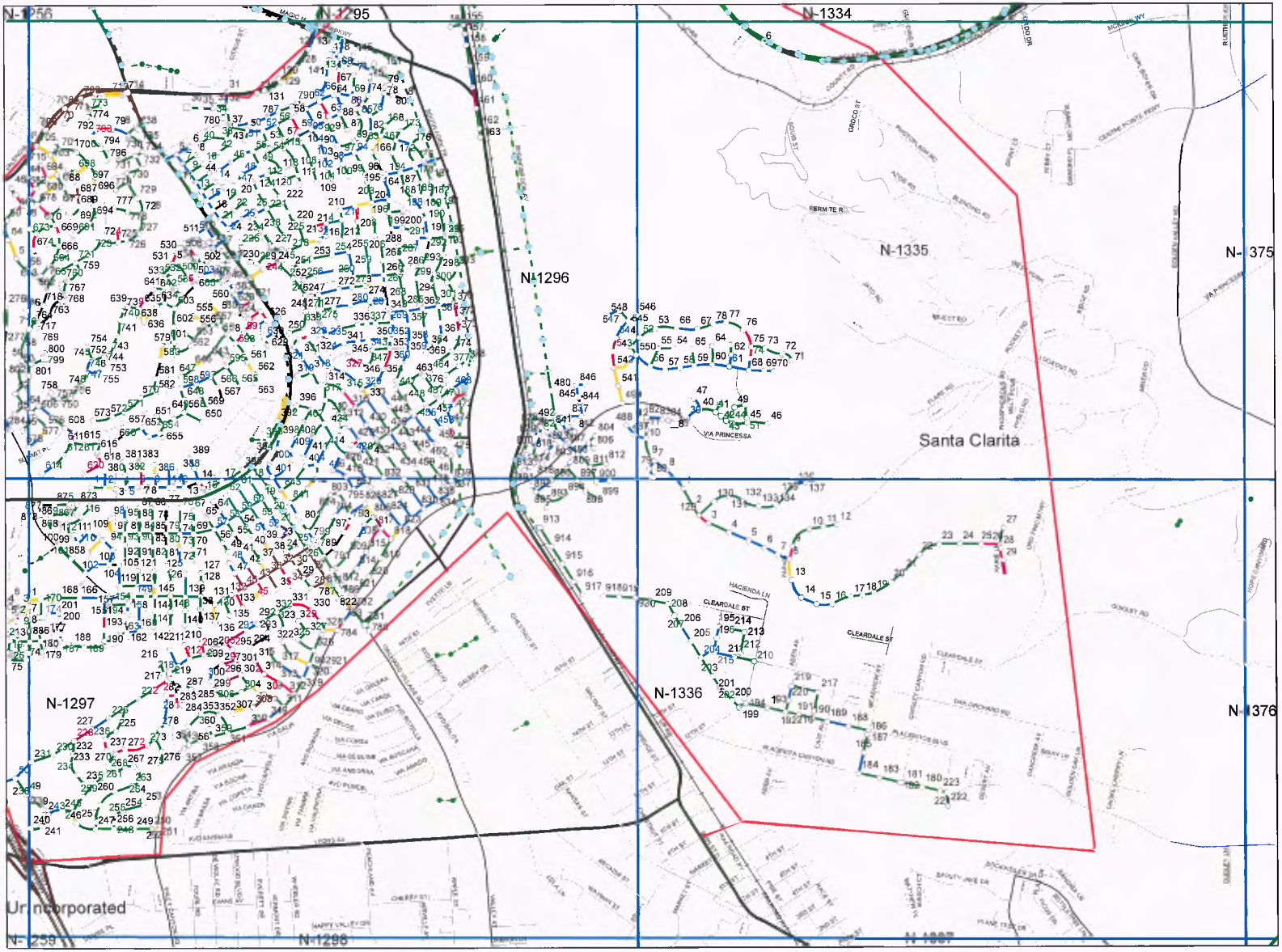
June 2018



ENCLOSURE 3

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 670 1,340 2,010 2,680

Feet

Legend

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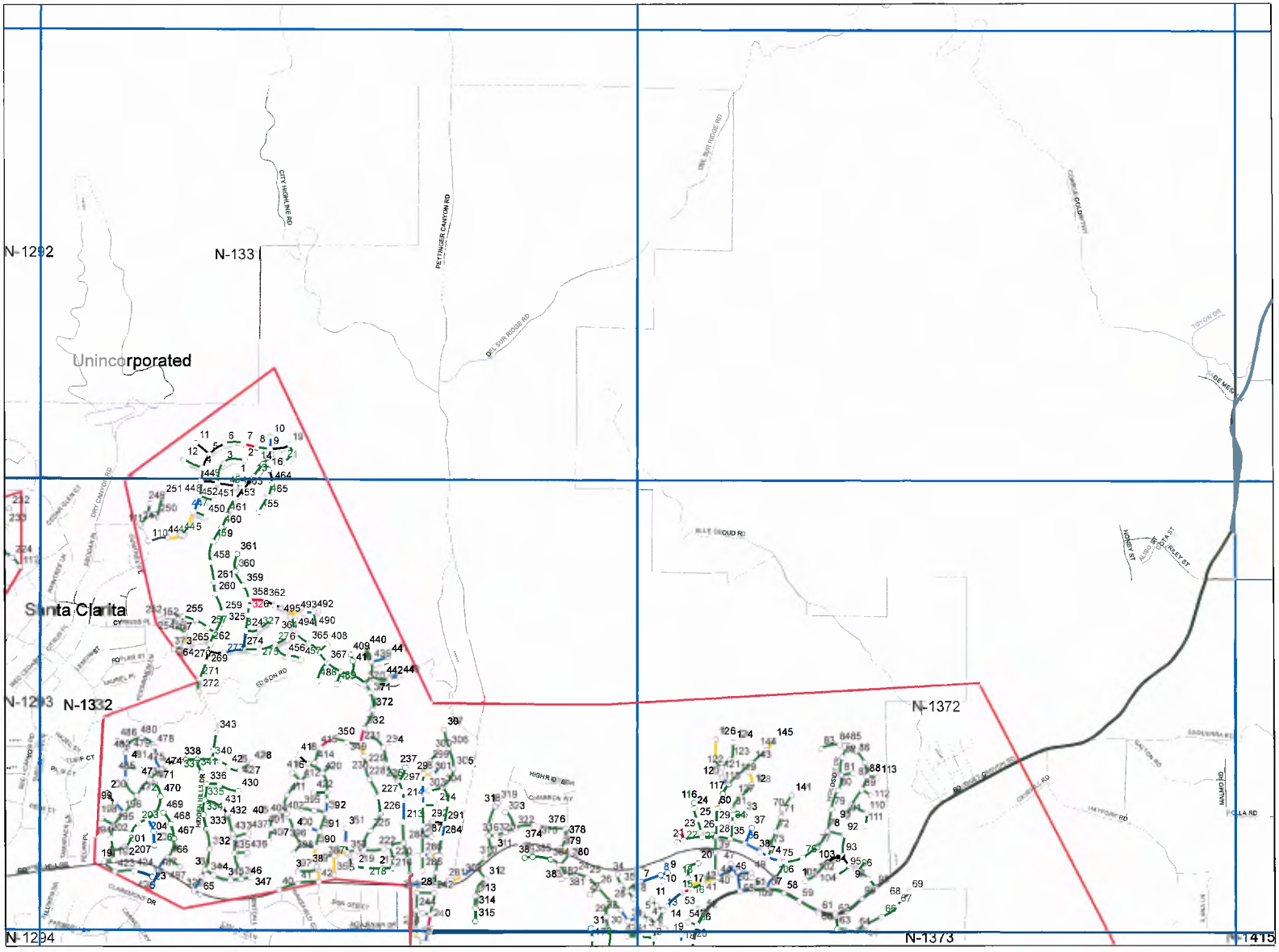
June 2018



ENCLOSURE 3

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 680 1,360 2,040 2,720

Feet

Legend

SMD Sanitary Sewers

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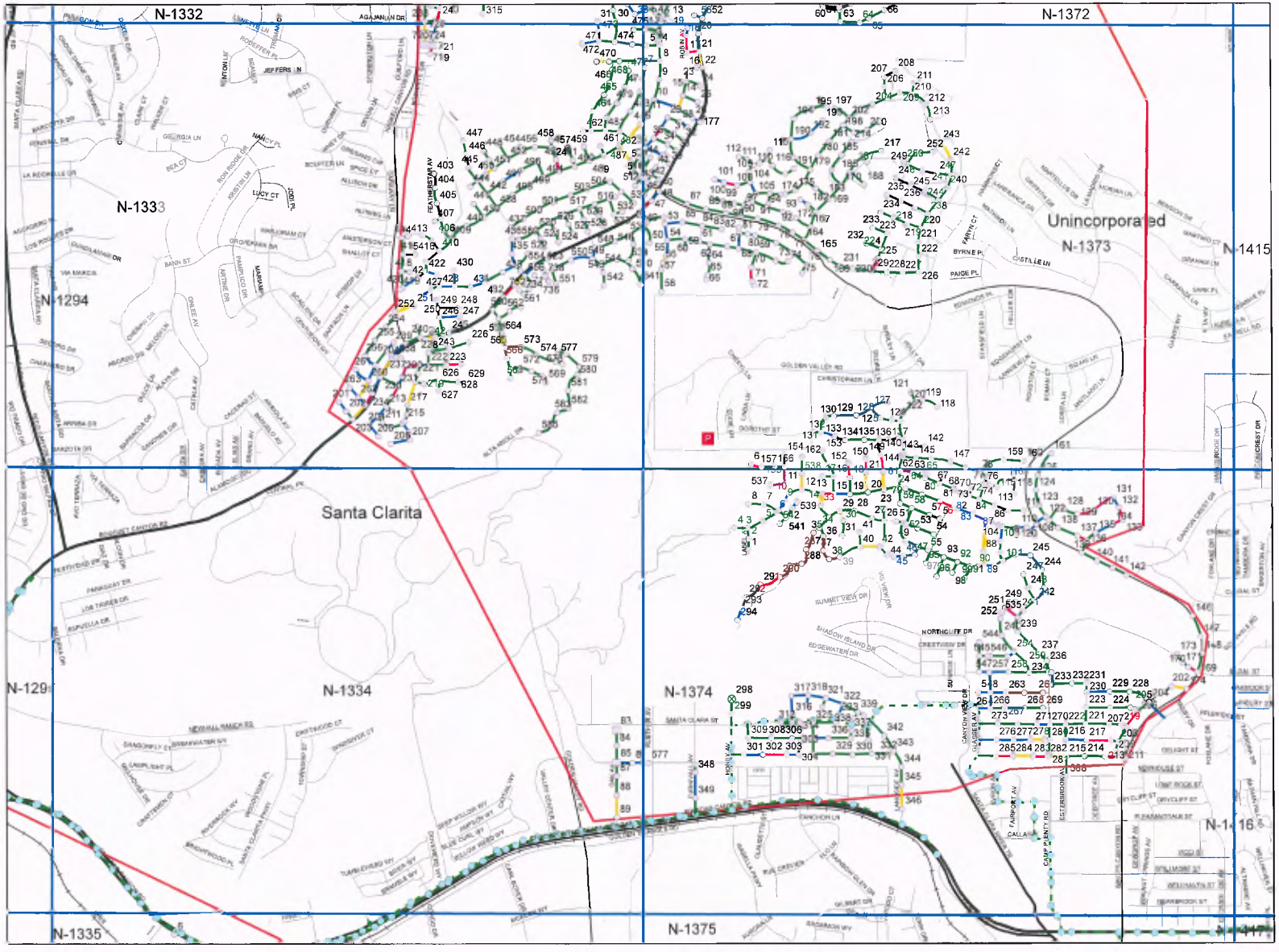
June 2018



ENCLOSURE 3

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 690 1,380 2,070 2,760

Feet

Legend

SMD Sanitary Sewers

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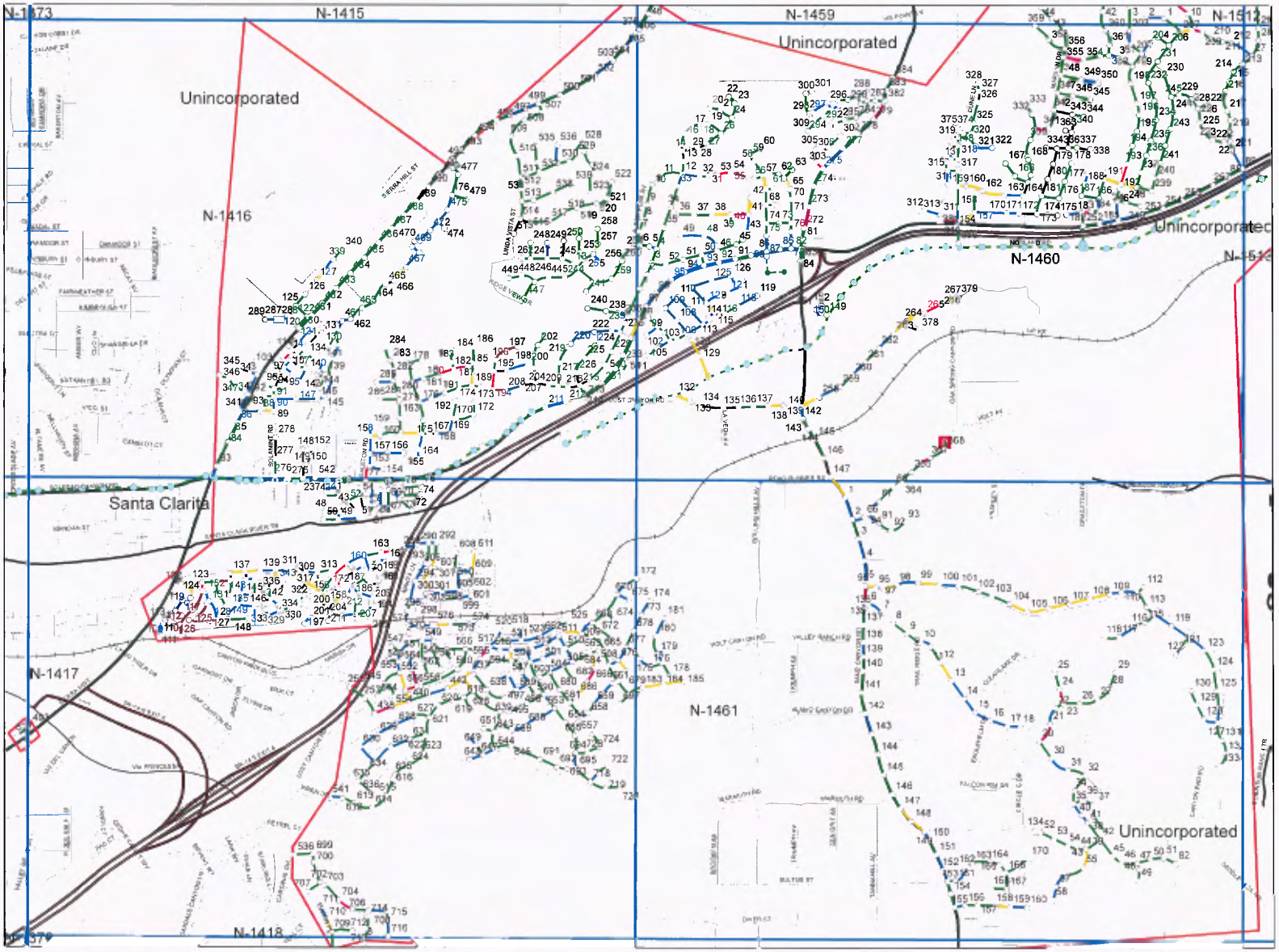
June 2018



ENCLOSURE 3

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 670 1,340 2,010 2,680

Feet

Legend

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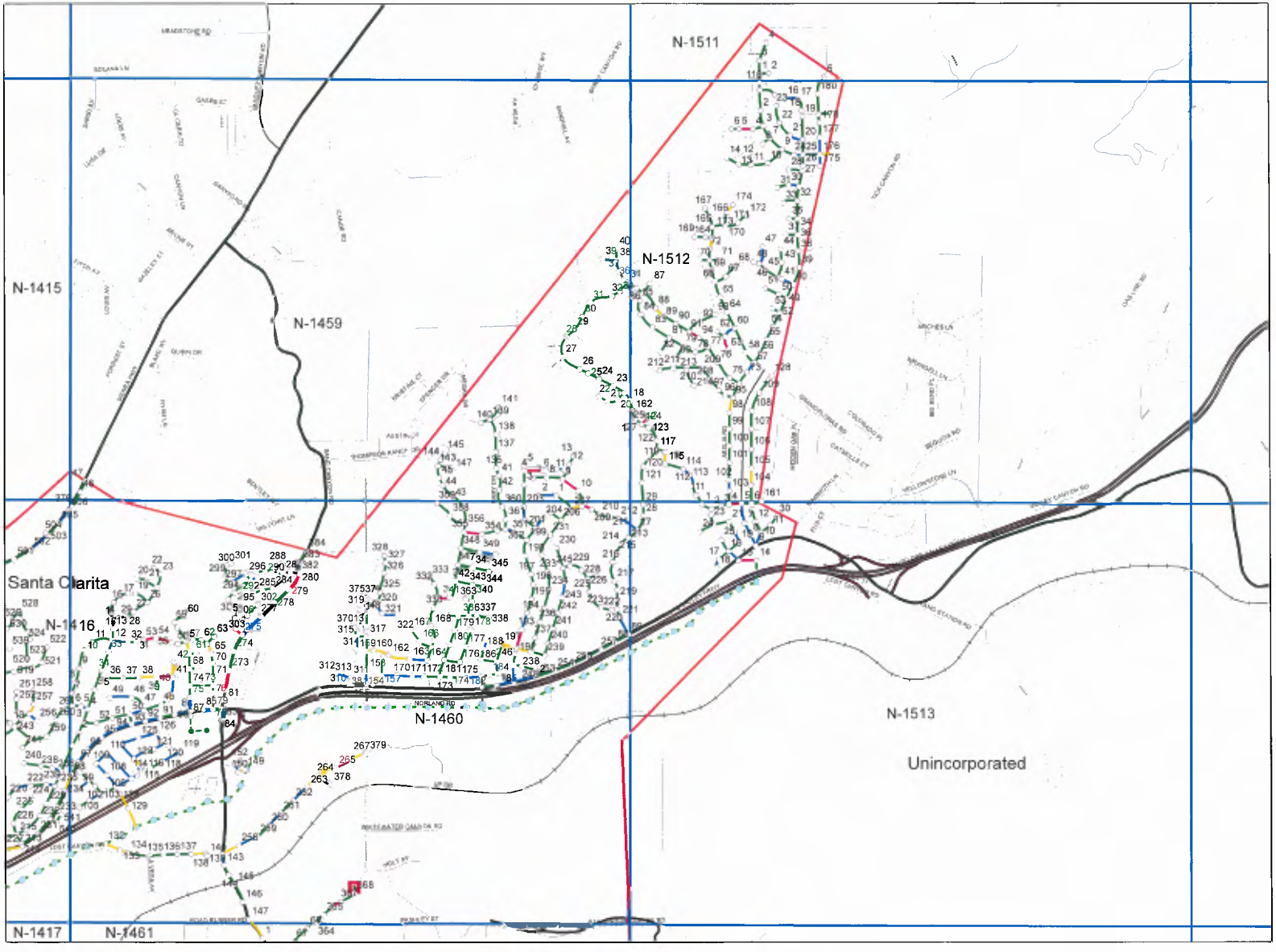
June 2018



ENCLOSURE 3

CCTV PROJECT

Y0TV1314A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 725 1,450 2,175 2,900

Feet

Legend

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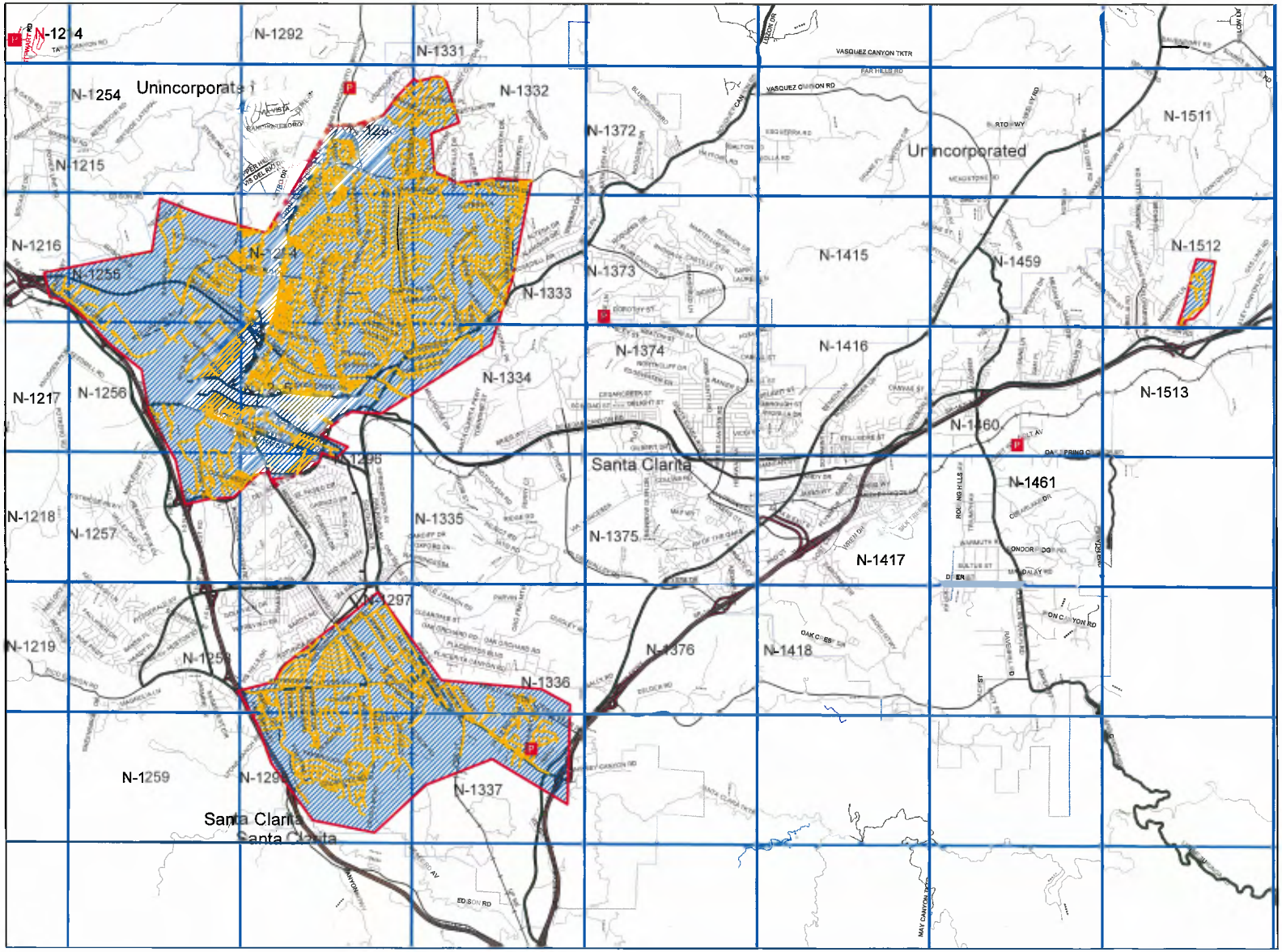
June 2018

ENCLOSURE 1

Project Overview Map



OVERVIEW MAP

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

0 2,300 4,600 6,900 9,200

Feet

Legend

- SMD Sanitary Sewers

SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
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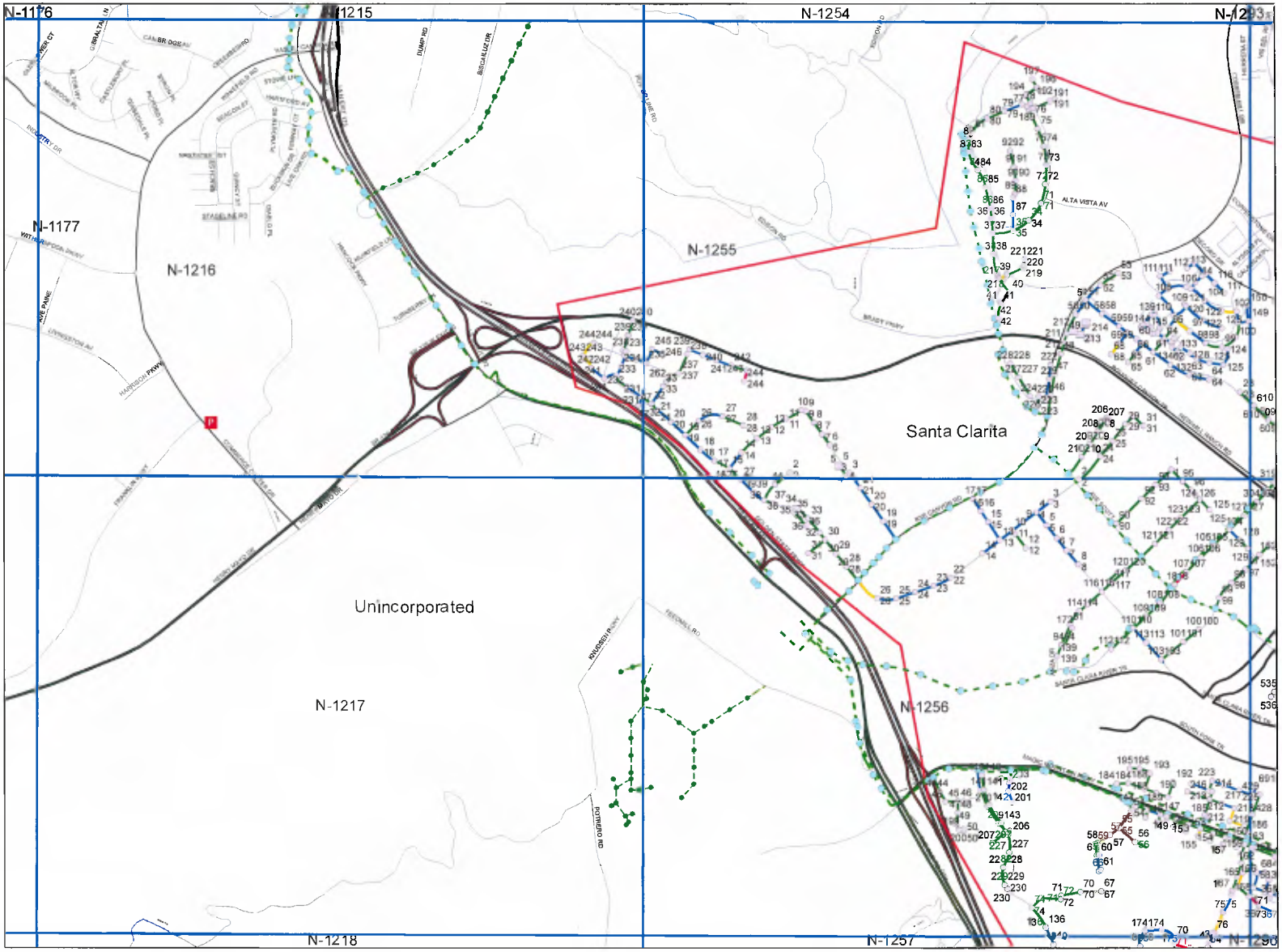
- CCTV Project Area

June 2018

ENCLOSURE 2

- Quick Maintenance Rating Map
- High Water Levels List and Map
- Infiltration List and Map
- Sample Lateral Notice Letter



ENCLOSURE 2

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 675 1,350 2,025 2,700

Feet

Legend

SMD Sanitary Sewers

QMR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

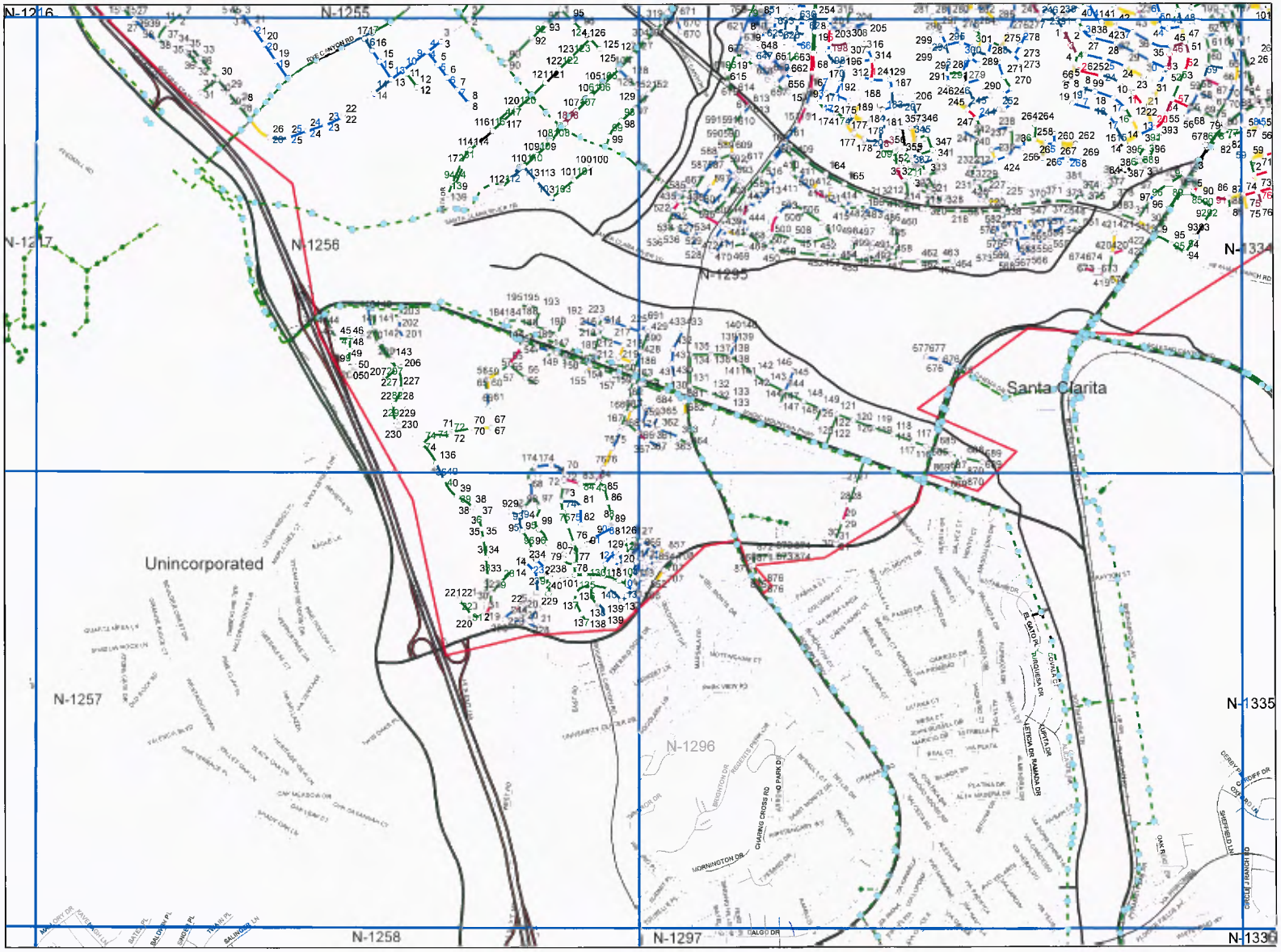
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 675 1,350 2,025 2,700

Feet

Legend

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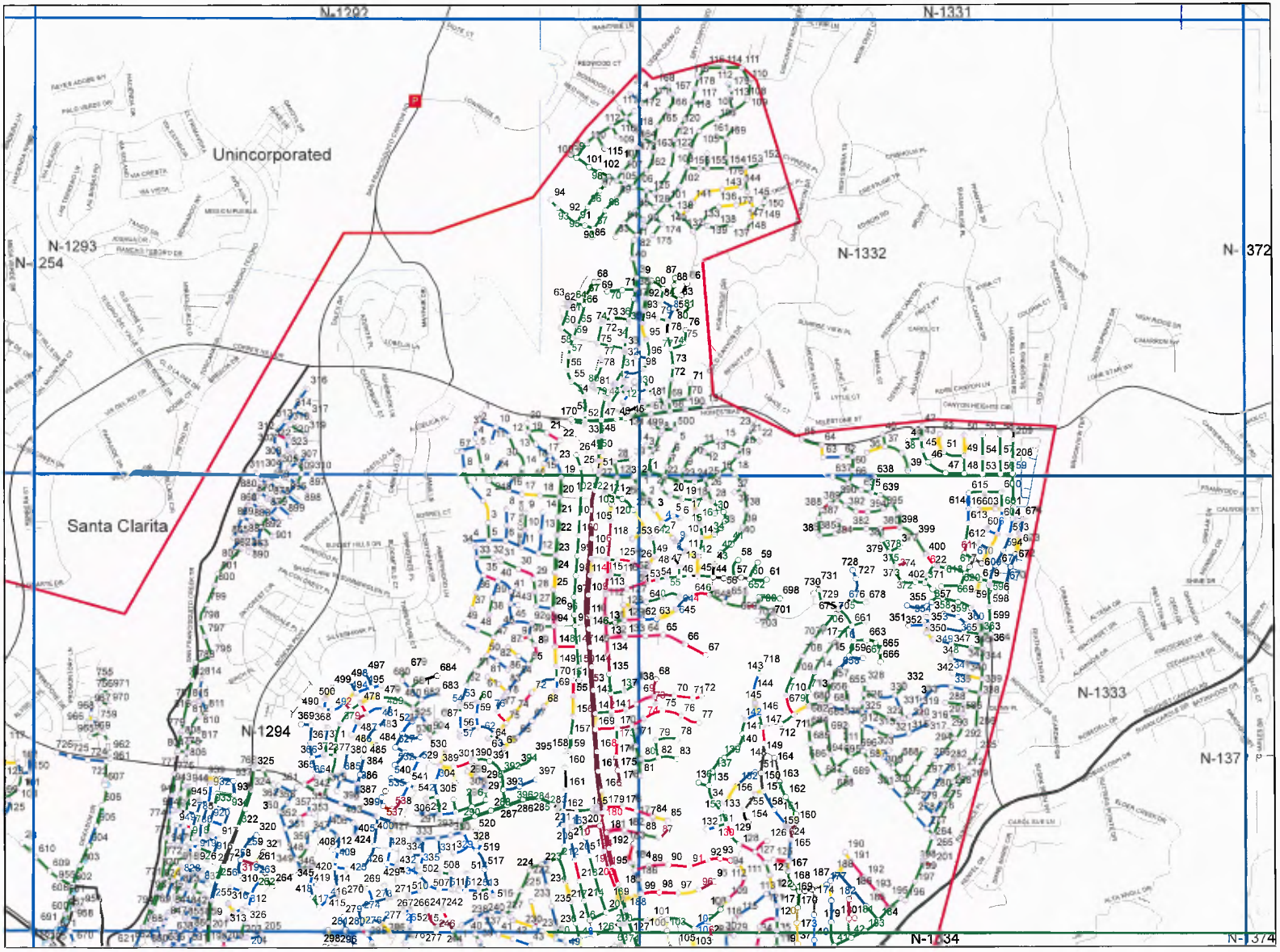
June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 670 1,340 2,010 2,680

Feet

Legend

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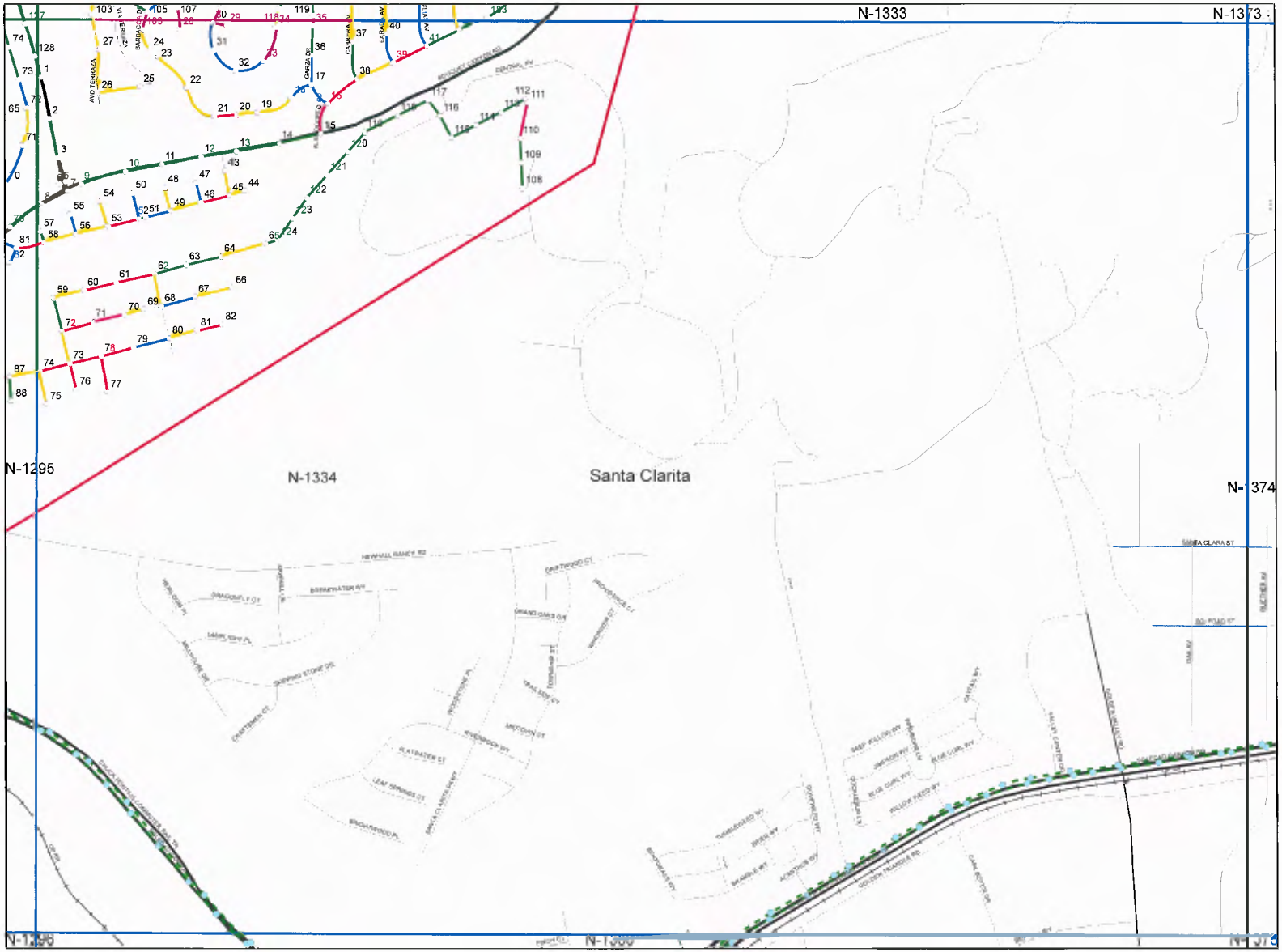
June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 340 680 1 020 1 360

Feet

Legend

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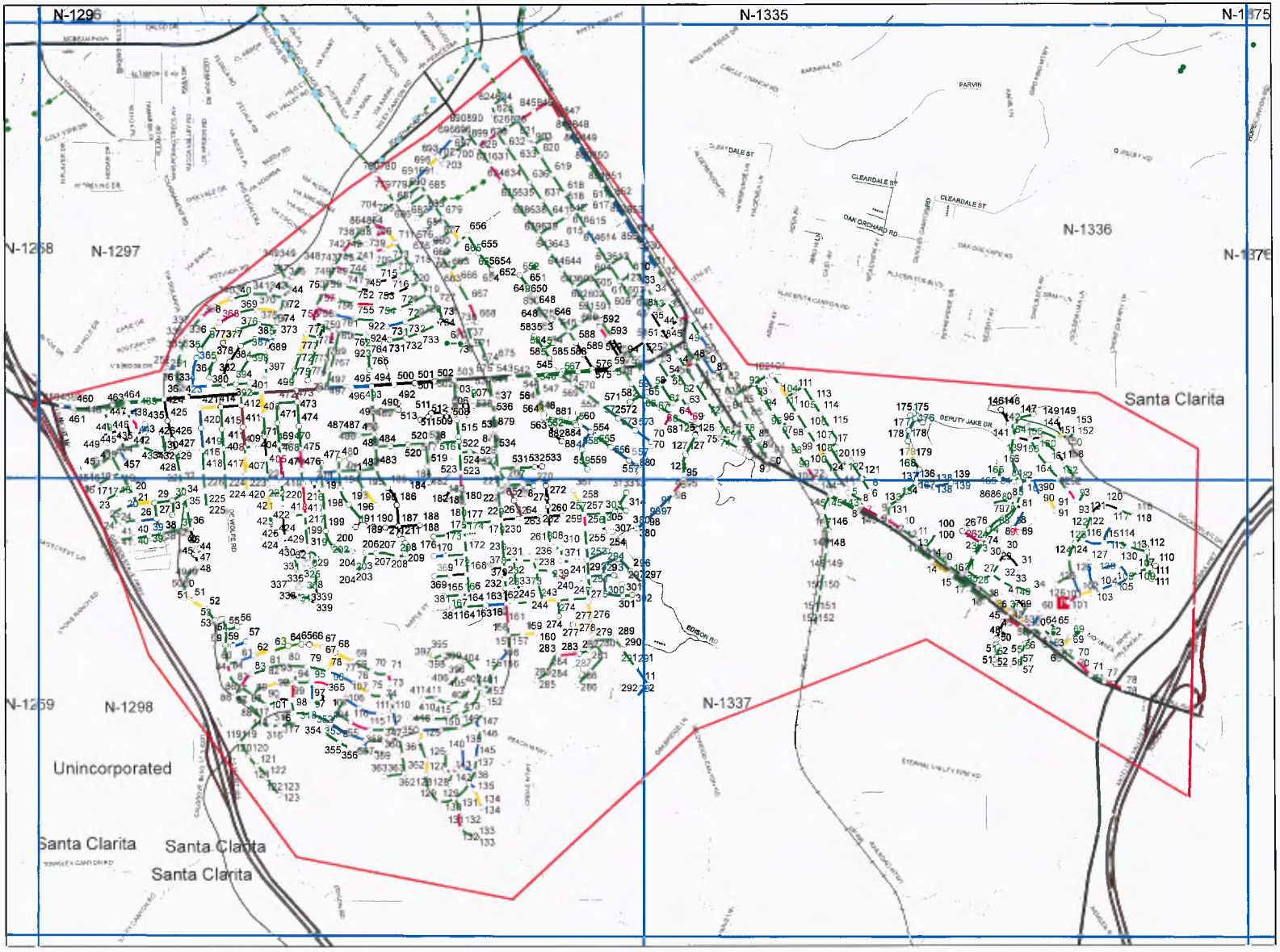
June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 675 1,350 2,025 2,700

Feet

Legend

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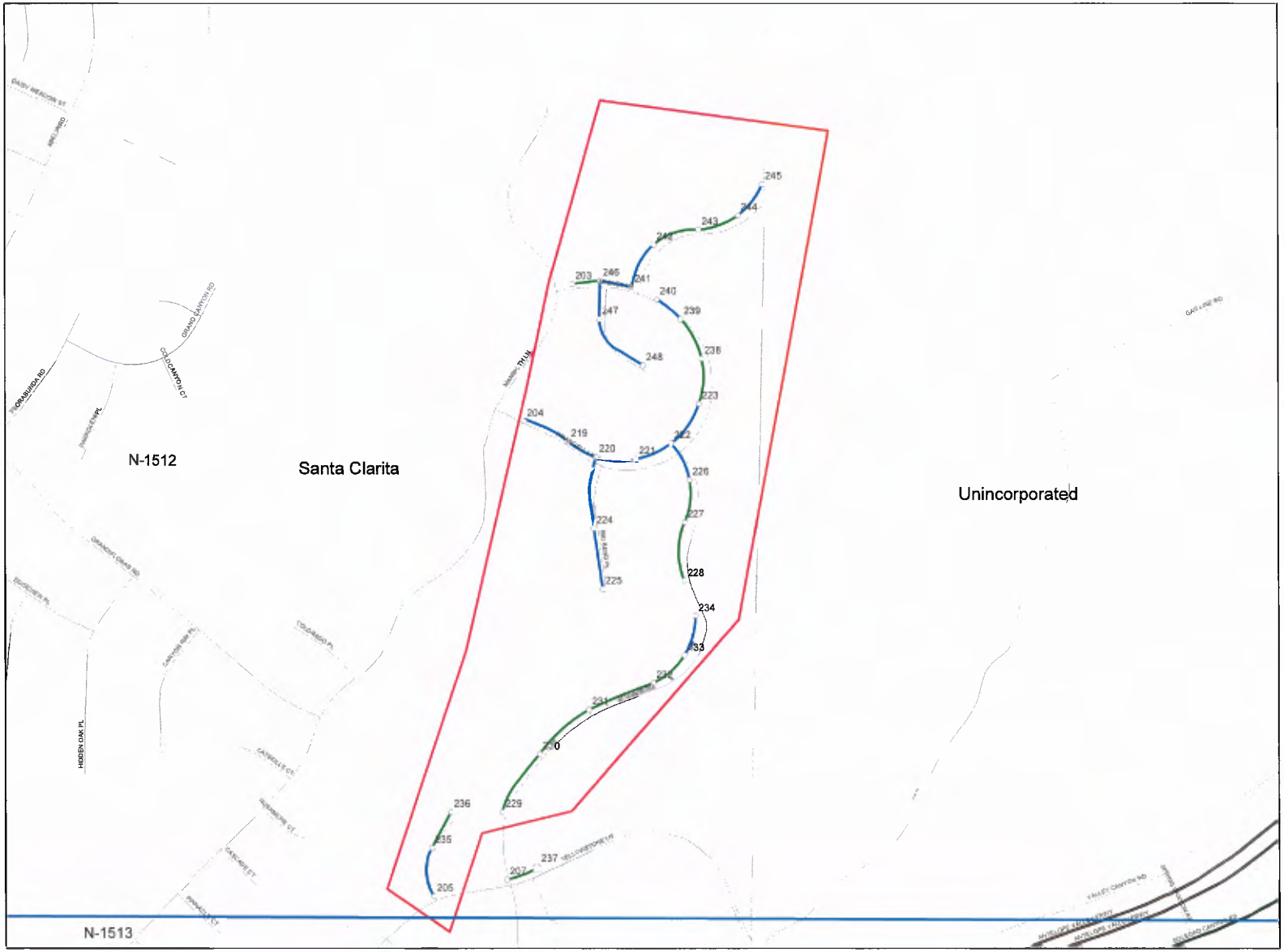
June 2018



ENCLOSURE 2

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK MAINTENANCE RATING (QMR)

0 200 400 600 800

Feet

Legend

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June 2018

ENCLOSURE 2
HIGH WATER LEVELS
SANTA CLARITA (Y0TV1415A)
as of 12/15/2015

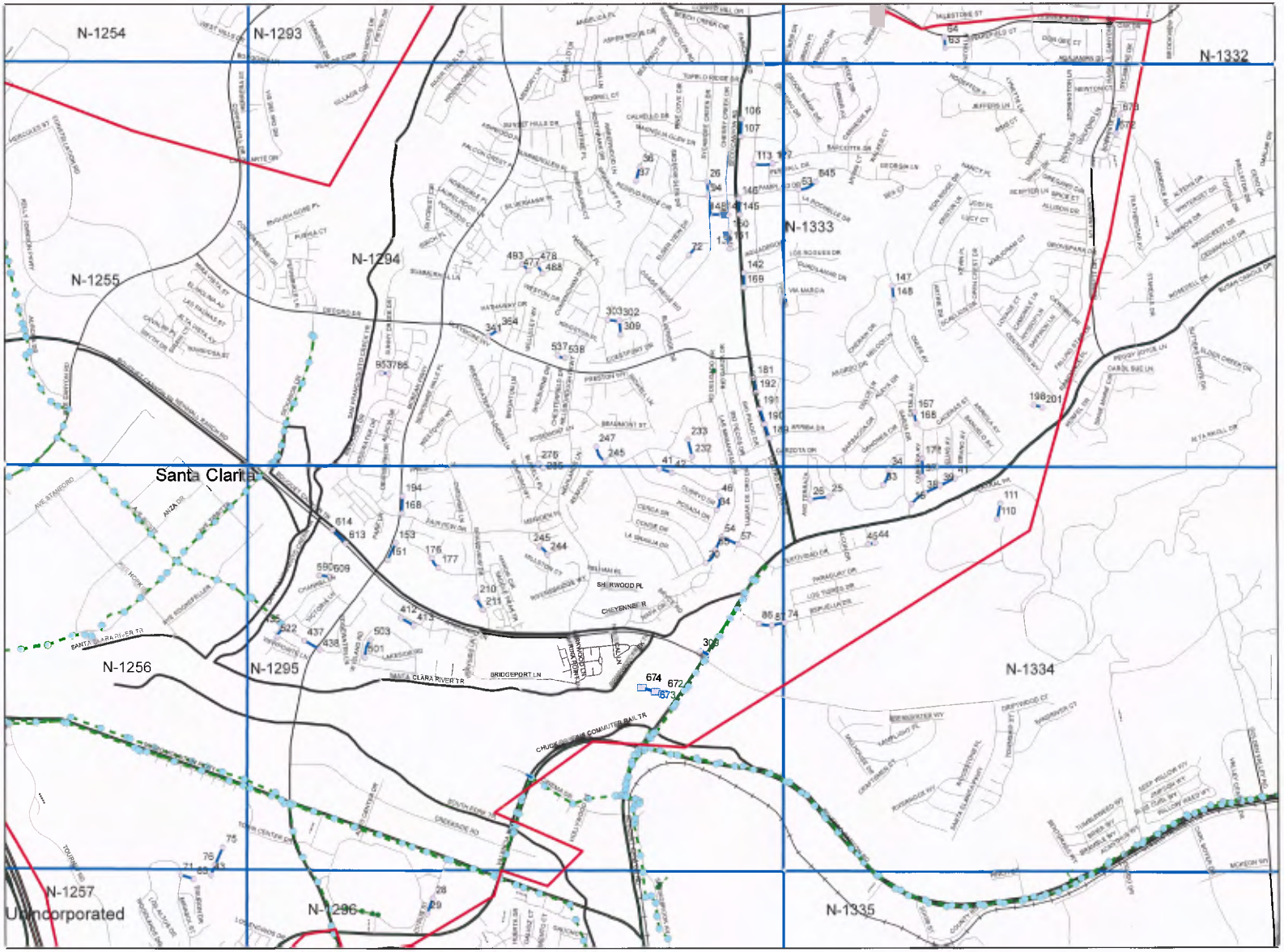
NO.	QMR	START MH	END MH	STREET	OBSERVATION: LOCATION	CORRECTIVE ACTION TAKEN
1	5143	1295-0034	1295-0046	PALACETE DR	Camera underwater: 89'	Hydrojet
2	5143	1297-0845	TRNK	16TH ST	Camera underwater: 46'	Hydrojet
3	512K	1297-0847	1297-0846	RAILROAD AV	Water mark: 90%; water level: 50%	No action needed
4	512E	1294-0537	1294-0538	BRIARS PL	Water level: 50%	No action needed
5	5100	1334-0038	1334-0016	ALAMOGORDO RD	Water level: 50%	No action needed
6	5100	1334-0039	1334-0041	ALAMOGORDO RD	Water mark: 50%	No action needed
7	5100	1337-0045	1337-0044	EASEMENT	Camera underwater: 85'	Hydrojet
8	5100	1333-0201	1333-0198	EASEMENT	Water level: 50%	No action needed
9	5100	1297-0779	1297-0780	ORCHARD VILLAGE RD	Water mark: 50%	No action needed
10	4B00	1297-0629	1297-0628	16TH ST	Camera underwater: 114'	Hydrojet
11	4A31	1295-0055	1295-0020	LAS MANANITAS DR	Camera underwater: 168'	Hydrojet
12	4A00	1295-0054	1295-0057	FESTIVIDAD DR	Water mark: 50%	No action needed
13	4800	1297-0362	1297-0363	AVENIDA ENTRANA	Camera underwater: 96'	Hydrojet
14	4800	1297-0628	1297-0627	16TH ST	Camera underwater: 59'	Hydrojet
15	472C	1295-0054	1295-0055	LAS MANANITAS DR	Camera underwater: 265'	Hydrojet
16	471D	1297-0437	1297-0436	EASEMENT	Camera underwater: 105'	Hydrojet
17	4600	1295-0674	1295-0673	EASEMENT	Camera underwater: 60'	Hydrojet
18	4600	1297-0846	1297-0845	16TH ST	Camera underwater: 259'	Hydrojet
19	452G	1294-0247	1294-0245	SENA CT	Water mark: 50%	No action needed
20	4500	1294-0147	1294-0148	EASEMENT	Camera underwater: 202'	Hydrojet
21	4500	1257-0106	1257-0107	GOLDCREST DR	Water mark: 50%	No action needed
22	4500	1255-0056	1255-0055	COPPER HILL DR	Camera underwater: 323'	Hydrojet
23	4500	1334-0110	1334-0111	EASEMENT	Water mark: 50%; camera underwater: 209' (**plastic pipe**)	Hydrojet
24	4424	1294-0953	1294-0786	WILLOWBROOKE CT	Camera underwater: 47'	Hydrojet
25	4400	1295-0673	1295-0672	EASEMENT	Camera underwater: 124'	Hydrojet
26	4332	1294-0113	1294-0127	BARCOTTA DR	Camera underwater: 350'	Hydrojet
27	4331	1257-0043	1256-0076	EASEMENT	Camera underwater: 134'	Hydrojet
28	4232	1294-0146	1294-0145	SECO CANYON RD	Water mark: 50%	No action needed
29	4231	1295-0435	1295-0522	CAPE COD DR	Camera underwater: 67'	Hydrojet
30	4200	1294-0094	1294-0026	SYCAMORE CREEK DR	Water mark: 50%	No action needed
31	4200	1294-0151	1294-0152	CHERRY CREEK DR	Water mark: 50%; camera underwater: 117'	Hydrojet
32	4200	1296-0029	1296-0028	CITRUS ST	Camera underwater: 289'	Hydrojet
33	4200	1297-0393	1297-0394	AVENIDA ENTRANA	Camera underwater: 19'	Hydrojet
34	4131	1294-0488	1294-0478	ROLAND WY	Water mark: 50%	No action needed
35	4131	1294-0106	1294-0107	SECO CANYON RD	Water mark: 50%	No action needed
36	4131	1294-0341	1294-0364	EASEMENT	Water mark: 50%	No action needed
37	4131	1295-0087	1295-0086	ESPUELLA DR	Water level: 50%	No action needed

ENCLOSURE 2
HIGH WATER LEVELS
SANTA CLARITA (Y0TV1415A)
as of 12/15/2015

NO.	QMR	START MH	END MH	STREET	OBSERVATION: LOCATION	CORRECTIVE ACTION TAKEN
38	4131	1294-0192	1294-0181	SECO CANYON RD	Water mark: 50%	No action needed
39	4131	1294-0276	1295-0285	ROSEMONT DR	Water level: 60%	No action needed
40	4131	1295-0614	1295-0613	EASEMENT	Water mark: 50%	No action needed
41	4131	1297-0753	1297-0752	VIA BEGUINE	Water mark: 50%	No action needed
42	4131	1295-0437	1295-0438	AV SCOTT	Water mark: 50%	No action needed
43	412J	1334-0033	1334-0034	CANONES CR	Water mark: 50%	No action needed
44	412J	1295-0412	1295-0413	WINDWARD LN	Water mark: 50%	No action needed
45	412F	1294-0493	1294-0477	WELSHFIELD WY	Water mark: 50%	No action needed
46	412A	1295-0675	1295-TRNK	AUTO CENTER CT	Camera underwater: 112'	Hydrojet
47	4128	1295-0151	1295-0153	MC BEAN PKWY	Water mark: 50%	No action needed
48	4127	1295-0168	1295-0194	MC BEAN PKWY	Water mark: 60%	No action needed
49	4121	1295-0244	1295-0245	LITTLE DR	Water mark: 50%	No action needed
50	4121	1295-0501	1295-0503	ISLAND RD	Camera underwater: 220'	Hydrojet
51	4111	1298-0256	1298-0257	CROSS ST	Water level: 50%	No action needed
52	4100	1294-0148	1294-0094	SYCAMORE CREEK DR	Water level: 50%	No action needed
53	4100	1333-0148	1333-0147	CATALA AVE	Water level: 50%	No action needed
54	4100	1257-0083	1257-0071	EASEMENT	Water level: 70%	No action needed
55	4100	1294-0190	1294-0191	SECO CANYON RD	Water mark: 50%	No action needed
56	4100	1295-0210	1295-0211	EASEMENT	Water mark: 50%	No action needed
57	4100	1297-0708	1297-0707	VIA GALERA	Water level: 50%	No action needed
58	4100	1297-0737	1297-0736	EASEMENT	Water level: 50%	No action needed
59	4100	1297-0395	1297-0396	EASEMENT	Water level: 50%	No action needed
60	4100	1297-0394	1297-0395	AVENIDA ENTRANA	Water level 50%	No action needed
61	4100	1297-0396	1297-0397	EASEMENT	water level: 50%	No action needed
62	4100	1297-0634	1297-0631	NEWHALL AVE	Camera underwater: 167'	Hydrojet
63	4100	1337-0010	1337-0132	NEWHALL AVE	Water level: 50%	No action needed
64	4100	1337-0132	1337-0009	NEWHALL AVE	Water level: 50%	No action needed
65	4100	1337-0009	1337-0008	NEWHALL AVE	Water level: 50%	No action needed
66	3H00	1294-0036	1294-0037	CYPRESS RIDGE CR	Water level: 50%	No action needed
67	3G21	1294-0303	1294-0302	BLUERIDGE DR	Water level: 50%	No action needed
68	3F2F	1295-0590	1295-0609	BRETON CT	Water level: 10%; water mark: 50%	No action needed
69	3B2A	1294-0072	1294-0071	MULBERRY GLEN DR	Water level: 10%; water mark: 60%	No action needed
70	3900	1295-0309	1295-TRNK	EASEMENT	Water mark: 50%	No action needed
71	3711	1334-0037	1333-0172	CABRERA AVE	Water mark: 50%	No action needed
72	3629	1295-0176	1295-0177	BENNINGTON DR	Water mark: 50%	No action needed
73	3621	1333-0167	1333-0168	CATALA AVE	Water mark: 50%	No action needed
74	342F	1334-0025	1334-0026	ALLEY	Water mark: 50%	No action needed

ENCLOSURE 2
HIGH WATER LEVELS
SANTA CLARITA (Y0TV1415A)
as of 12/15/2015

NO.	QMR	START MH	END MH	STREET	OBSERVATION: LOCATION	CORRECTIVE ACTION TAKEN
75	341G	1334-0074	1295-0087	ESPUELLA DR	Water mark: 50%	No action needed
76	3400	1298-0345	1298-0344	CALGROVE BV	Water mark: 50%	No action needed
77	331A	1334-0044	1334-0045	FESTIVIDAD DR	Water mark: 70%	No action needed
78	322D	1297-0481	1297-0480	GREEN MILL AV	Water mark: 50%	No action needed
79	3200	1294-0142	1294-0169	SECO CANYON RD	Water mark: 50%	No action needed
80	3200	1298-0051	1298-0050	WILEY CANYON RD	Water mark: 70%	No action needed
81	312L	1333-0673	1333-0672	CANYON VILLAS/TOWN HOMES	Water mark: 50%	No action needed
82	312L	1295-0042	1295-0041	FRISCA DR	Water mark: 50%	No action needed
83	312J	1294-0232	1294-0233	JARANA CT	Water mark: 50%	No action needed
84	312D	1294-0309	1294-0302	LANDON PL	Water mark: 50%	No action needed
85	3122	1333-0063	1333-0645	PAMPLICO DR	Water mark: 50%	No action needed
86	3121	1256-0076	1256-0075	EASEMENT	Water level: 60%	No action needed
87	3111	1336-0104	1336-0103	ALLEY	Water mark: 50%	No action needed
88	3100	1332-0064	1332-0063	COPPER HILL DR	Water level: 50% **(plastic pipe)**	No action needed
89	3100	1294-0189	1294-0190	SECO CANYON RD	Water mark: 50%	No action needed
90	3100	1334-0038	1334-0039	ALAMOGORDO RD	Water mark: 50%	No action needed
91	3100	1297-0339	1297-0340	AVENIDA CRESCENTA	Water mark: 50%	No action needed
92	3100	1297-0693	1297-0692	EASEMENT	Water mark: 70%	No action needed
93	3100	1336-0150	1336-0145	NANDINA LN	Water mark: 50%	No action needed
94	3100	1337-0015	1337-0014	SAN FERNANDO RD	Water mark: 50%	No action needed



ENCLOSURE 2

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

HIGH WATER LEVEL

0 760 1,520 2,280 3,040

Feet

Legend

- HIGH WATER LEVEL

SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
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June 2018

ENCLOSURE 2
INFILTRATION
SANTA CLARITA (Y0TV1415A)
as of 12/15/2015

NO.	QMR	START MH	END MH	STREET	OBSERVATION: LOCATION	CORRECTIVE ACTION TAKEN
1	5121	1333-0611	1333-0612	STONINGTON LN	Infiltration (gusher): 199'	Grout injection
2	5100	1294-0342	1294-0343	DECORO DR	Infiltration (gusher): 1'	Grout injection
3	4132	1295-0314	1295-0312	CHESHIRE LN	Infiltration (weeper): 1'	Infiltration is minimal. No action needed.
4	4132	1337-0059	1337-0058	NEWHALL AVE	Infiltration (runner): 111'	Infiltration is minimal. No action needed.
5	412B	1294-0353	1294-0352	BRIDGEWATER DR	Infiltration (runner): 176'	Infiltration is minimal. No action needed.
6	412A	1337-0089	1337-0088	ALDER DR	Infiltration (runner): 124'	Grout injection
7	4121	1337-0093	1337-0092	FICUS LN	Infiltration (runner): 5'	Infiltration is minimal. No action needed.
8	312H	1294-0820	1294-0819	CLARIDGE PL	Infiltration (dripper): 46'	Infiltration is minimal. No action needed.
9	312G	1337-0103	1337-0102	OAKRIVER LN	Infiltration (dripper): 1'	Infiltration is minimal. No action needed.
10	3121	1295-0609	1295-0608	BAYWOOD LN	Infiltration (dripper): 144'	Infiltration is minimal. No action needed.
11	3121	1337-0058	1337-0037	NEWHALL AVE	Infiltration (dripper): 85'	Infiltration is minimal. No action needed.

ENCLOSURE 2

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

INFILTRATION

0 525 1,050 1,575 2,100

Feet

Legend

- INFILTRATION

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June 2018

ENCLOSURE 2

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

INFILTRATION

0 675 1,350 2,025 2,700

Feet

Legend

- INFILTRATION

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June 2018

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

MARK PESTRELLA, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

{DATE}

IN REPLY PLEASE
REFER TO FILE: SM-1

Mr./Ms. {NAME}
{ADDRESS}
{ADDRESS}

Dear Mr./Ms. {NAME}:

SEWER LATERAL ROOT INTRUSION
{ADDRESS}

The County of Los Angeles Consolidated Sewer Maintenance District is responsible for the maintenance of the sanitary sewer system in your area. A camera inspection of the sewer mainline discovered roots in your sewer lateral connection. The intrusion of the roots from your lateral may block the flow of sewage in the mainline sewer causing an overflow to your property and/or those immediately upstream of your property. You are hereby requested to perform maintenance on the private sewer lateral serving the property located at {ADDRESS}.

In accordance with **County Code 20.24.080 Maintenance of Sewer Laterals**. "***All house laterals, industrial connection sewers, septic tank outlet connections to STEP system, and appurtenances thereto existing as of January 23, 1953, or thereafter constructed, shall be maintained by the owner of the property served in a safe and sanitary condition, and all devices or safeguards which are required by this Division 2 for the operation thereof shall be maintained in good working order.***"

As the property owner, you are responsible for the entire length of the sewer lateral, which includes the portion that extends beyond the property line into the public right of way. We request that you contact a licensed plumber to service your sewer lateral within 90 days to remove roots and any other obstructions that may cause a sewage backup.

Your licensed plumber is required to protect the District's sewer mainlines from dislodged roots and other debris by utilizing catcher baskets at the manhole downstream from your lateral connection. Prior to your plumber cleaning your lateral, please notify the District's sewer maintenance yard in your area at (XXX) XXX-XXXX to arrange for authorization to access the downstream manhole.

We have enclosed photos of your lateral connection showing the root blockage. In addition, we have included literature on ways to minimize sewer overflows and damage to your home. Please consider establishing a routine cleaning schedule for your sewer lateral to minimize potential plumbing problems caused by root intrusion that are likely to reoccur.

If your sewer lateral has been cleaned after the date on the enclosed photos, no further action is necessary. After your lateral has been serviced, please notify Ms. Kari Eskridge, Sewer Maintenance Division, at (626) 300-3390 or keskridge@dpw.lacounty.gov.

Thank you for helping keep the sewer lines clean and in good working order.

Very truly yours,

MARK PESTRELLA
Director of Public Works

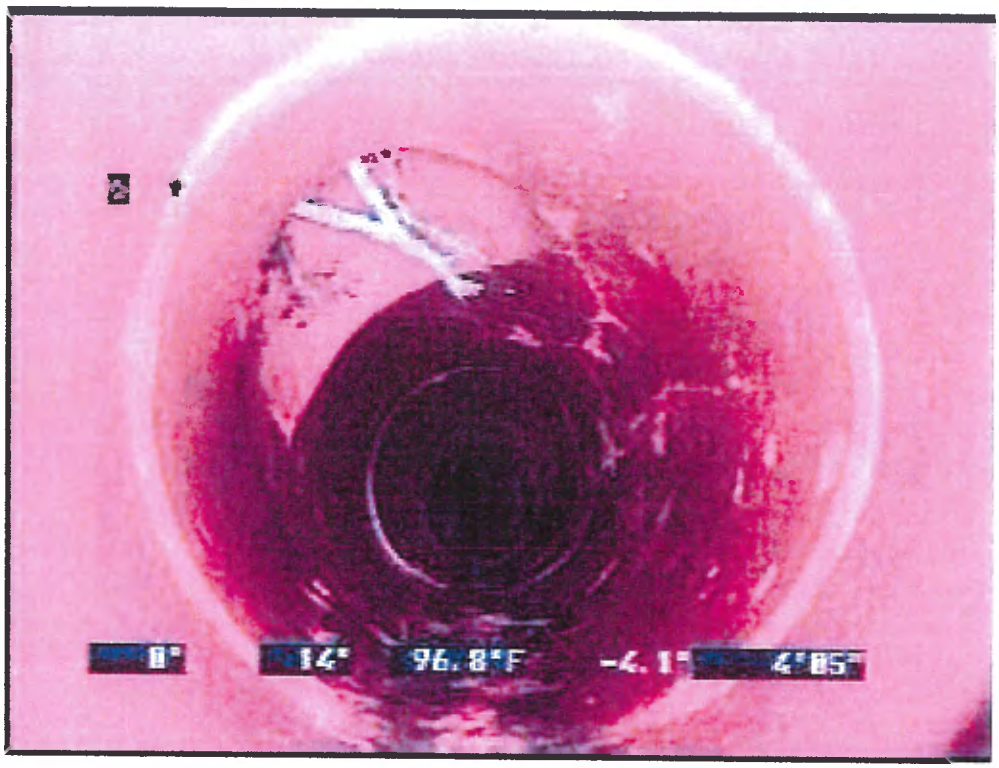
WILLIAM J. WINTER
Assistant Deputy Director
Sewer Maintenance Division

XX:xx
{FILEPATH}

Enc.

{Address}
{Address}

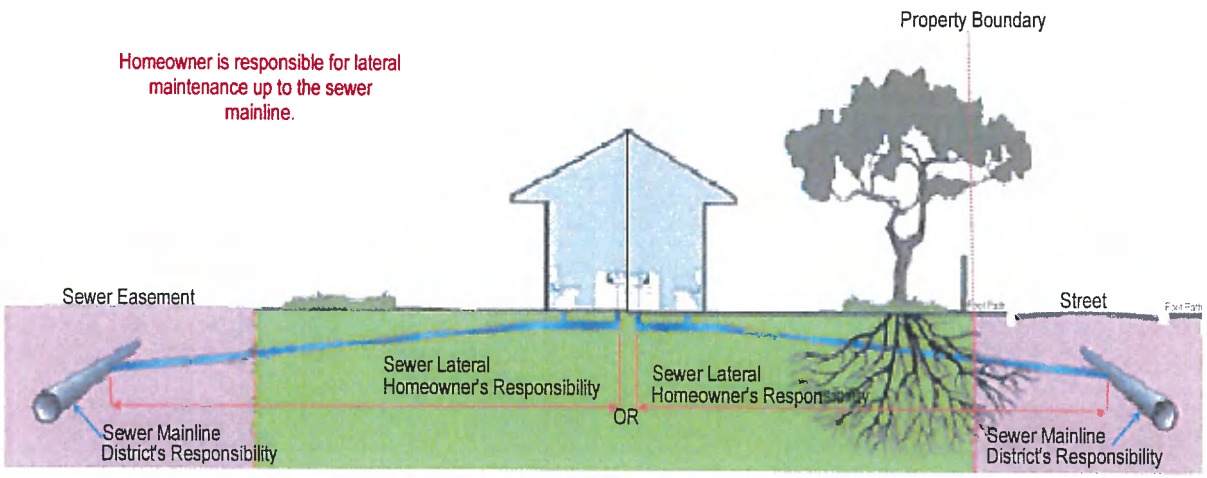
Roots at Lateral Connection



Minimizing Sewer Overflows and Damage to Your Home

The sewer system within the County of Los Angeles Consolidated Sewer Maintenance District (District) is comprised of a series of underground pipes. Many are publicly owned; however, the sewer laterals are entirely owned by the private property owner they serve. The laterals extend from the building to the mainline within the street (or within an easement at the rear of your home). The laterals are typically four inches in diameter while the District's mainline is typically at least eight inches in diameter. The private property owner is responsible for the entire length of the lateral, which includes the portion that may be located within the public right of way (under the asphalt and street landscaping).

SEWER LATERALS – AREAS OF RESPONSIBILITY



Sewer backups can cause tremendous damage to the interior of a home. In order to minimize these, the District provides continual maintenance services for the public sewer mainlines.

Unfortunately, sewer laterals are often not maintained by private property owners until a disaster strikes. "Out of sight, out of mind" is a typical approach to sewer lateral maintenance and operation by many. It is our hope that we can provide you various means of addressing these issues and thus, minimize your risk of an overflow entering your home.

The three methods we suggest are:

1. Maintain your lateral through proper cleaning, repair, and replacement.
2. Do not place improper items into the sewer or make improper connections to the sewer.
    a. Keep rainwater out of the sewer lines as it overwhelms the capacity of the sewer lines and may cause sewer spills.
    b. Do not pour fats, oils, and grease in your drains as these products harden and stick to the inside of the sewer pipes, which build up and may eventually cause a blockage in the sewer pipe.
3. Install a backflow preventer and cleanout in your sewer lateral.

ENCLOSURE 3

- Quick Structural Rating Report Priority List
- Quick Structural Rating Map

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1415A)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
1	1333-0352	1333-0350	EASEMENT	Fracture multiple	Lining
2	1257-0043	1256-0076	EASEMENT	Fractures	No action needed*
3	1297-0847	1297-0846	RAILROAD AV	Fracture multiple	Lining
4	1294-0155	1294-0156	EASEMENT	Fracture multiple; Broken	Point repair
5	1294-0969	1294-0759	AMARYLLIS CT	Fracture multiple	Lining
6	1333-0103	1333-0102	AVENIDA TERRAZA	Fracture multiple; Broken	Lining
7	1298-0042	1298-0036	OLD WILEY CANYON RD	Fractures; Broken	Lining
8	1297-0675	1297-0674	EASEMENT	Hole	Lining
9	1297-0540	1297-0541	VALLEY ST	Fracture multiple; Broken	Point repair; Lining
10	1256-0139	1256-0094	ANZA DR	Fracture multiple	Lining
11	1333-0150	1333-0151	CHERAW DR	Fracture multiple; Broken	Point repair
12	1298-0238	1298-0236	EASEMENT	Fracture multiple; Hole	Lining
13	1294-0247	1294-0245	SENA CT	Fracture multiple; Broken	Point repair
14	1256-0011	1256-0010	FREMONT CT	Fracture multiple; Broken	Point repair
15	1256-0012	1256-0011	FREMONT CT	Fracture multiple; Broken; Hole	Point repair; Lining
16	1333-0167	1333-0168	CATALA AVE	Fractures; Broken	Lining
17	1297-0849	1297-0848	RAILROAD AV	Fractures; Hole	No action needed*
18	1295-0178	1295-0179	BENNINGTON DR	Fracture multiple; Broken	Point repair
19	1298-0360	1298-0359	HERITAGE OAK CT	Fractures; Broken	Point repair
20	1295-0176	1295-0177	BENNINGTON DR	Fracture multiple; Broken	No action needed*
21	1333-0018	1333-0017	SUMNER AV	Fracture multiple	No action needed*
22	1298-0350	1298-0349	CALGROVE BV	Fracture multiple; Broken	Lining
23	1298-0188	1298-0187	NEARGATE DR	Fracture multiple	Lining
24	1297-0336	1297-0335	AVENIDA CRESCENTA	Fractures; Broken	Lining
25	1295-0011	1295-0010	CONDE DR	Hole	Point repair

*Structural deficiencies are categorized into groups of defects or observations with a wide range of severity. Each of these deficiencies received additional post inspection review and some of these were determined not likely to interfere with the normal operation of the sewer line due to the severity, size, and/or location of the deficiency. These segments will be reviewed during the next cycle of CCTV inspections.

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1415A)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
26	1295-0048	1295-0049	GARZOTA DR	Broken	No action needed*
27	1294-0303	1294-0302	BLUERIDGE DR	Fractures	No action needed*
28	1294-0309	1294-0302	LANDON PL	Fractures; Broken	No action needed*
29	1293-0014	1293-0013	REDWOOD GLEN DR	Broken	Lining
30	1256-0111A	1256-0110	AVE TIBBITTS	Fracture multiple; Broken	Lining
31	1294-0859	1294-0856	ALLEY	Hole	Point repair
32	1294-0256	1294-0255	MC BEAN PKWY	Fracture multiple	Lining
33	1294-0219	1294-0220	VISTA DELGADO DR	Fracture multiple	No action needed*
34	1333-0201	1333-0198	EASEMENT	Fracture multiple	No action needed*
35	1294-0255	1294-0254	MC BEAN PKWY	Fractures	Lining
36	1295-0675	1295-TRNK	AUTO CENTER CT	No structural deficiencies	No action needed*
37	1294-0256	1294-0257	MC BEAN PKWY	Fractures	No action needed*
38	1297-0603	1297-0644	NEWHALL AVE	No structural deficiencies	No action needed*
39	1295-0429	1295-0428	ALLEY	Fracture multiple	No action needed*
40	1334-0110	1334-0111	EASEMENT	No structural deficiencies	No action needed*
41	1255-0003	1256-0021	AVE CROCKER	Fracture multiple	No action needed*
42	1295-0433	1295-0432	PARKING LOT	Fractures; Broken	Lining
43	1294-0186	1294-0185	SANTA CLARITA RD	Fractures	No action needed*
44	1298-0256	1298-0257	CROSS ST	Fracture multiple	No action needed*
45	1334-0027	1333-0103	AVENIDA TERRAZA	Fracture multiple	Lining
46	1334-0103	1334-0024	BARBACOA DR	Fracture multiple	No action needed*
47	1333-0054	1333-0055	BARCOTTA DR	No structural deficiencies	No action needed*
48	1333-0376	1333-0375	THEODORE CT	No structural deficiencies	No action needed*
49	1294-0243	1294-0244	VISTA ENCANTADA DR	Fracture multiple	Lining
50	1334-0013	1334-0014	BOUQUET CANYON RD	Fractures	No action needed*

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ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1415A)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
51	1295-0501	1295-0503	ISLAND RD	No structural deficiencies	No action needed*
52	1297-0638	1297-0635	NEWHALL AVE	No structural deficiencies	No action needed*
53	1295-0161	1295-0151	MC BEAN PKWY	No structural deficiencies	No action needed*
54	1298-0125	1298-0124	MENTRY DR	Fracture multiple	Point repair
55	1294-0507	1294-0505	TRINIDAD CT	Fracture multiple; Broken	Lining
56	1256-0117	1256-0120	ANZA DR	Fracture multiple	No action needed*
57	1337-0044	1337-0037	SAN FERNANDO RD	No structural deficiencies	No action needed
58	1294-0293	1294-0305	WEATHERSFIELD DR	Fractures	No action needed*
59	1294-0243	1294-0242	VISTA ENCANTADA DR	Fracture multiple; Broken	Point repair
60	1294-0243	1294-0245	VISTA ROSINA DR	Fracture multiple	No action needed*
61	1337-0079	1337-0076	VALLE DEL ORO	Fracture multiple	Lining
62	1333-0153	1333-0152	CHERAW DR	Fracture multiple	Lining
63	1333-0090	1333-0091	BARBACOA DR	Fractures	No action needed*
64	1297-0748	1297-0749	VIA CORSA	Fracture multiple	No action needed*
65	1294-0308	1294-0295	WOODLAWN CT	Fractures	No action needed*
66	1294-0232	1294-0233	JARANA CT	Fracture multiple	No action needed*
67	1294-0113	1294-0127	BARCOTTA DR	No structural deficiencies	No action needed*
68	1255-0009	1255-0010	AVE HALL	Fracture multiple	Lining
69	1298-0352	1298-0351	EASEMENT	Fracture multiple	Lining
70	1334-0023	1334-0022	BARBACOA DR	Fracture multiple	No action needed*
71	1333-0091	1333-0092	BARBACOA DR	Fractures	No action needed*
72	1333-0006	1333-0005	SEAVER CT	Fractures	No action needed*
73	1298-0260	1298-0262	8TH ST	Fracture multiple	No action needed*
74	1298-0294	1298-0293	SHADELAND DR	Fracture multiple	No action needed*
75	1297-0637	1297-0636	CHESTNUT ST	Fracture multiple	Lining

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ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1415A)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
76	1297-0570	1297-0569	ARCADIA ST	Fracture multiple	Lining
77	1295-0054	1295-0057	FESTIVIDAD DR	Fractures	No action needed*
78	1294-0307	1294-0294	DUXBURY PL	Fractures	No action needed*
79	1294-0224	1294-0225	VISTA DELGADO DR	Fractures	No action needed*
80	1256-0118	1256-0117	ANZA DR EASE	Fracture multiple	Lining
81	1256-0075	1256-0168	EASEMENT	Fracture multiple	No action needed*
82	1334-0067	1334-0068	LOS TIGRES DR	Fractures	No action needed*
83	1334-0048	1334-0049	ALCON DR	Fractures	No action needed*
84	1332-0102	1332-0103	SECO CYN RD	No structural deficiencies	No action needed*
85	1298-0221	1297-0467	VERMONT DR	Fracture multiple	No action needed*
86	1337-0014	1337-0013	SAN FERNANDO RD	Fracture multiple	No action needed*
87	1333-0127	1333-0128	GARZA DR	Fracture multiple	Lining
88	1294-0291	1294-0292	CUESPORT DR	Fractures	No action needed*
89	1256-0185	1256-0185	MAGIC MOUNTAIN PKWY	Fracture multiple	No action needed*
90	1298-0176	1298-0175	ARLEN DR	Broken	Point repair
91	1333-0089	1333-0090	BARBACOA DR	Fracture multiple	No action needed*
92	1298-0320	1298-0319	WHEELER DR	Fracture multiple	No action needed*
93	1298-0177	1298-0180	APPLE ST	Fracture multiple	No action needed*
94	1297-0848	1297-0847	RAILROAD AV	Fracture multiple	No action needed*
95	1297-0777	1297-0778	VIA SISTINE	Fracture multiple	No action needed*
96	1297-0686	1297-0685	VIA HISPANO	Fracture multiple	No action needed*
97	1297-0627	1297-0626	16TH ST	Fractures	No action needed*
98	1297-0554	1297-0553	WAYMAN ST	Fractures; Broken	No action needed*
99	1297-0490	1297-0489	EASEMENT	Fractures	No action needed*
100	1295-0244	1295-0245	LITTLE DR	No structural deficiencies	No action needed

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ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF SANTA CLARITA (Y0TV1415A)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
101	1295-0282	1295-0288	DUNSMORE DR	Fractures	No action needed*
102	1295-0036	1295-0037	CUERVO DR	Fracture multiple	No action needed*
103	1294-0295	1294-0296	CUESPORT DR	Fractures	No action needed*
104	1294-0306	1294-0305	BINGHAM CT	Fractures	No action needed*
105	1294-0162	1294-0283	DECORO DR	Fractures; Broken	No action needed*
106	1294-0169	1294-0170	GUADILAMAR DR	No structural deficiencies	No action needed
107	1294-0080	1294-0081	POPLAR GLEN CR	Fractures	No action needed*
108	1294-0055	1294-0054	PAMPLICO DR	Fracture multiple; Broken	Point repair
109	1293-0044	1293-0047	SECO CYN RD	Fracture multiple	No action needed*
110	1293-0047	1293-0046	COPPER HILL DR	Fracture multiple	No action needed*
111	1256-0116	1256-0117	ANZA DR	Fractures	No action needed*
112	1256-0120	Trunk-2	ANZA DR	Fractures	No action needed*
113	1255-0006	1255-0007	AVE CROCKER	Fracture multiple	No action needed*
114	1294-0691	1295-0319	DICKASON DR	Fracture multiple	No action needed*
115	1337-0009	1337-0008	NEWHALL AVE	Fractures	No action needed*
116	1334-0038	1334-0016	ALAMOGORDO RD	Fracture multiple	No action needed*
117	1336-0123	1297-0609	SPRUCE ST	Fractures	No action needed*
118	1255-0237	1255-0236	EASEMENT	Fracture multiple	No action needed*
119	1512-0244	1512-0243	SHENANDOAH LN	Broken	No action needed*
120	1512-0246	1512-0203	ARCHES LN	Fracture multiple	No action needed*

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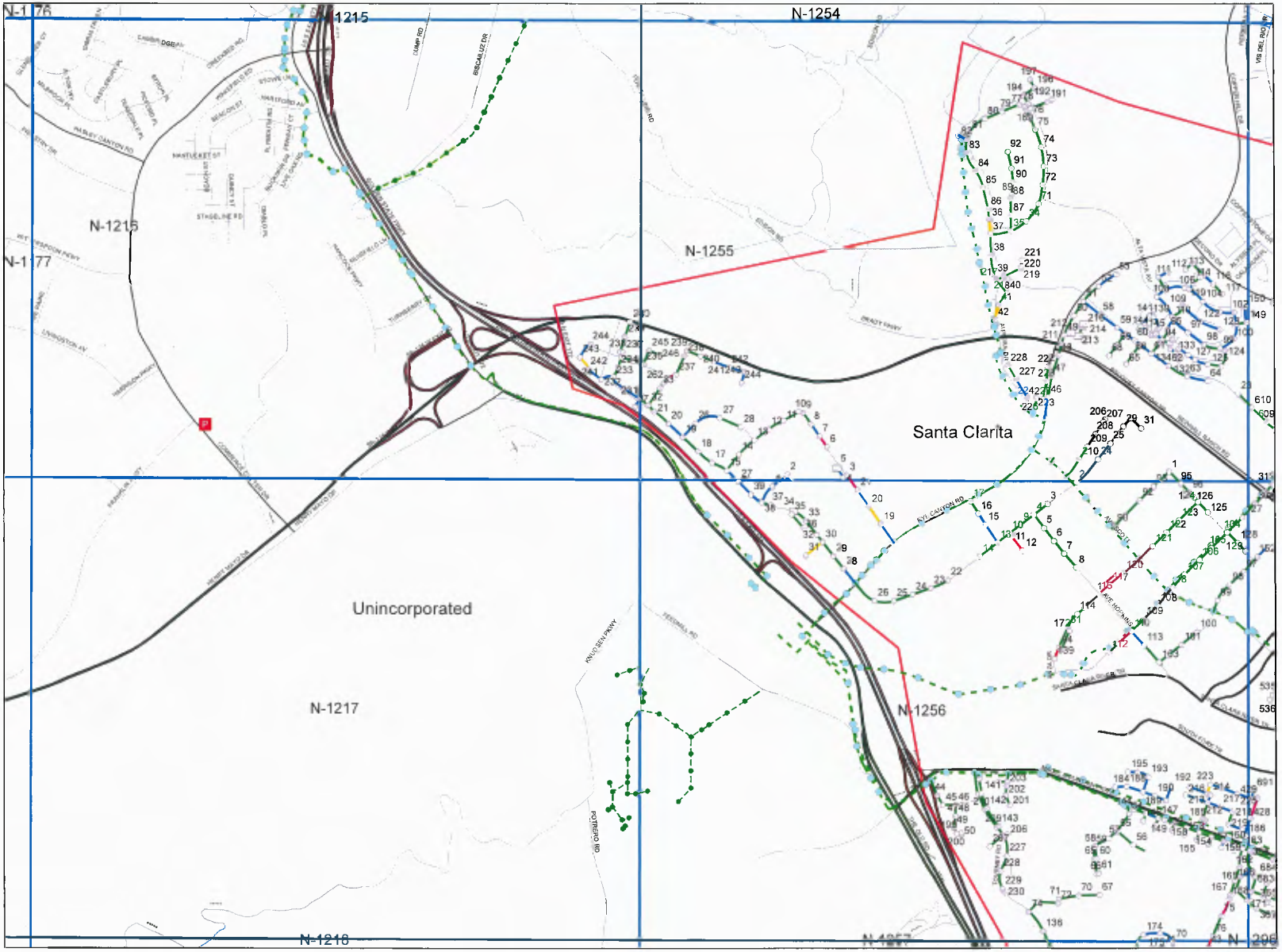


ENCLOSURE 3

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 670 1,340 2,010

Feet

Legend

SMD Sanitary Sewers

QSR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

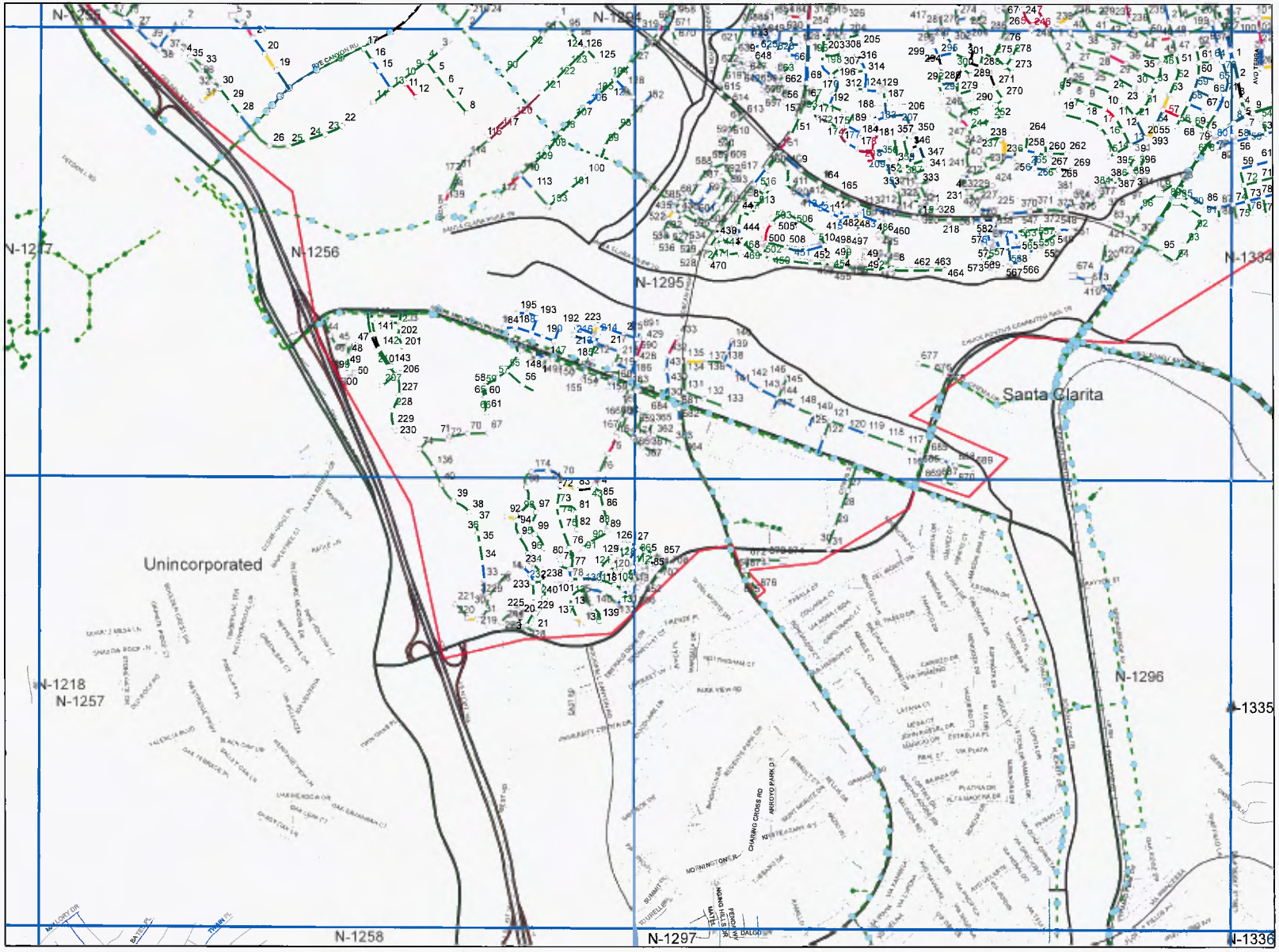
SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV Project Area

June 2018



ENCLOSURE 3

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 680 1,360 2,040

Feet

Legend

SMD Sanitary Sewers

QSR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
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- Non SMD Maintained MH
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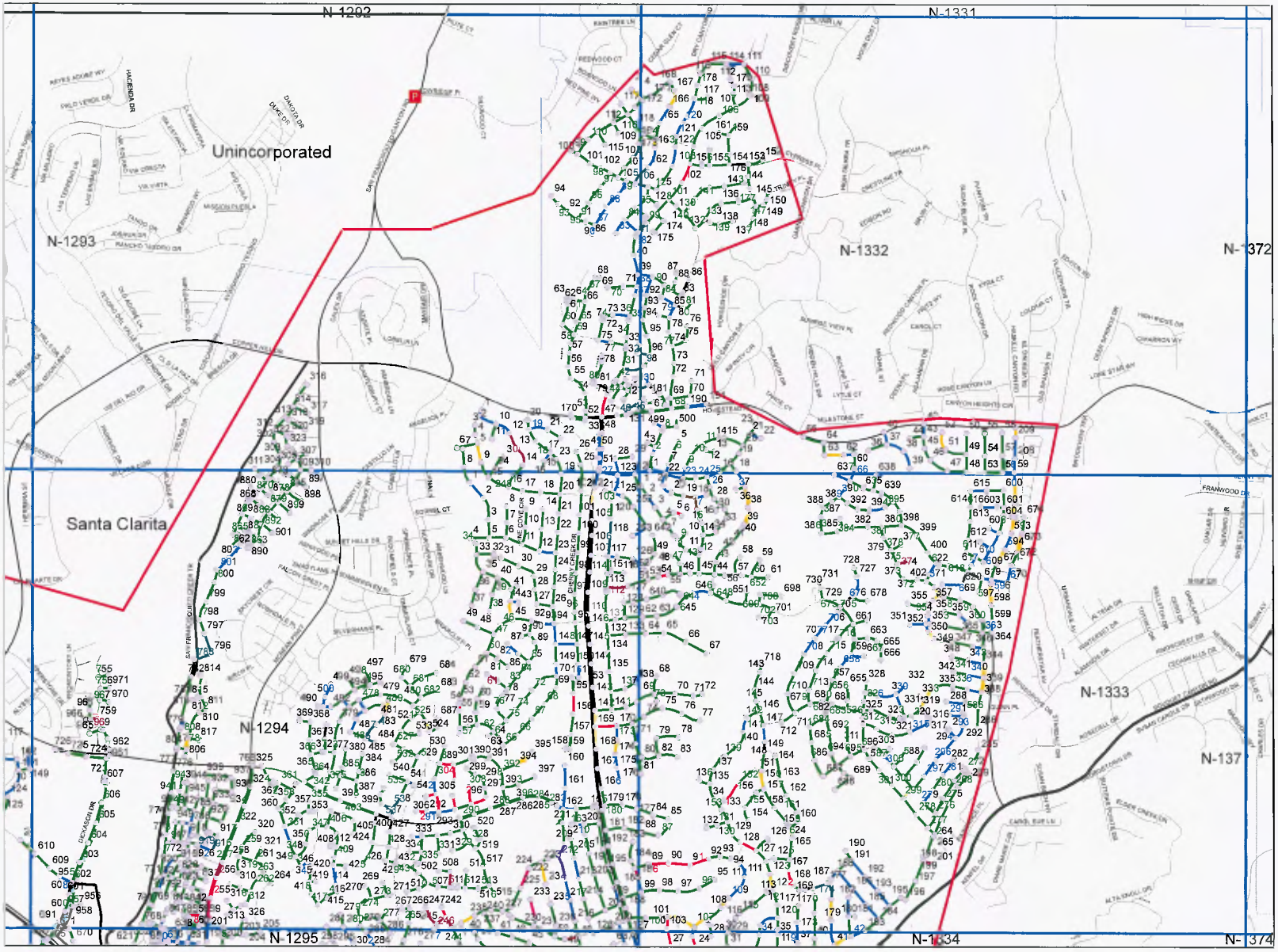
June 2018



ENCLOSURE 3

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 670 1,340 2,010

Feet

Legend

SMD Sanitary Sewers

QSR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5 MOST SIGNIFICANT

SMD Manholes

- Other

Manhole Type

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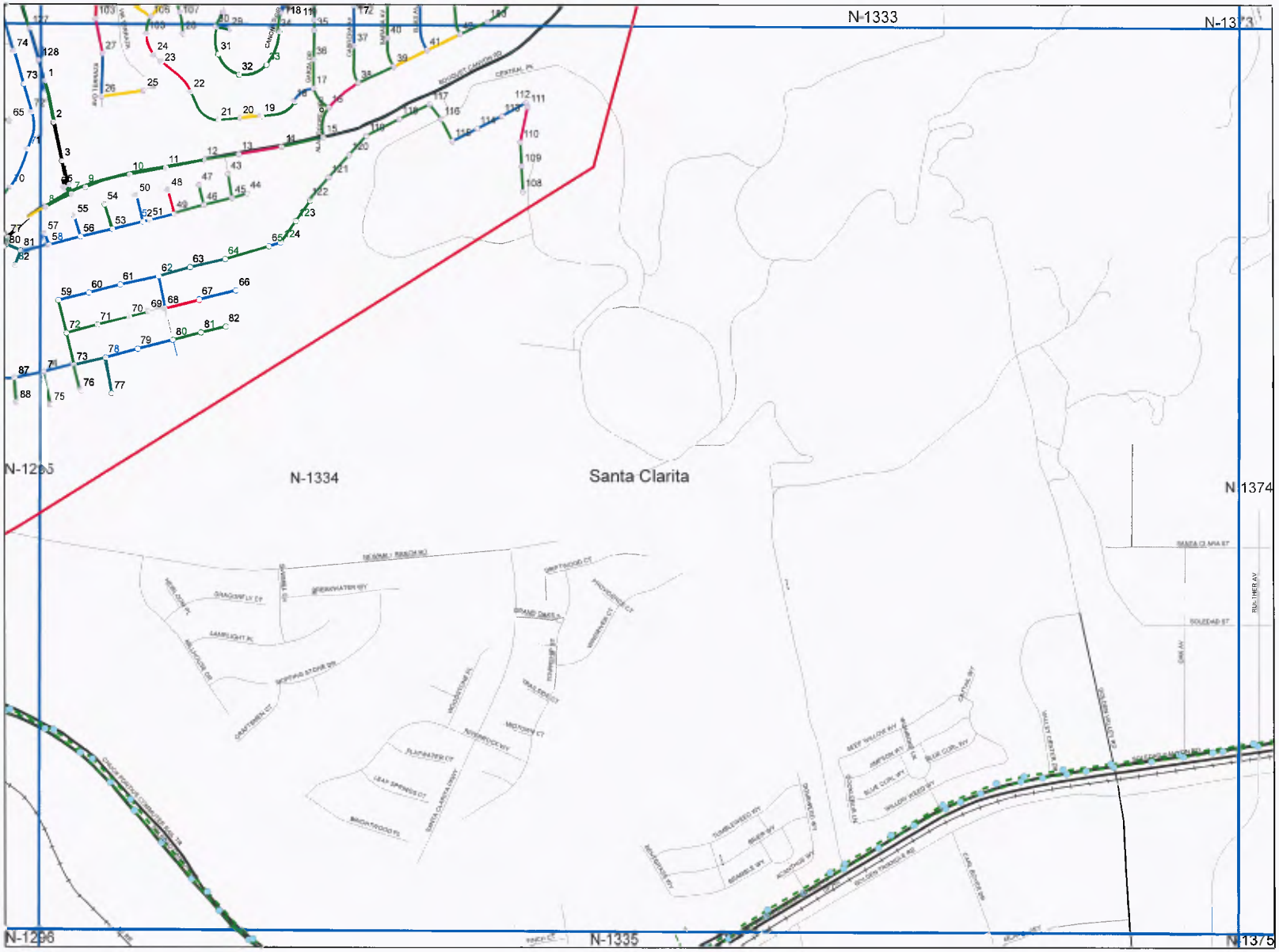

ENCLOSURE 3

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 340 680 1,020 1,3

Feet

Legend

SMD Sanitary Sewers

QSR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
- Trap
- Siphon
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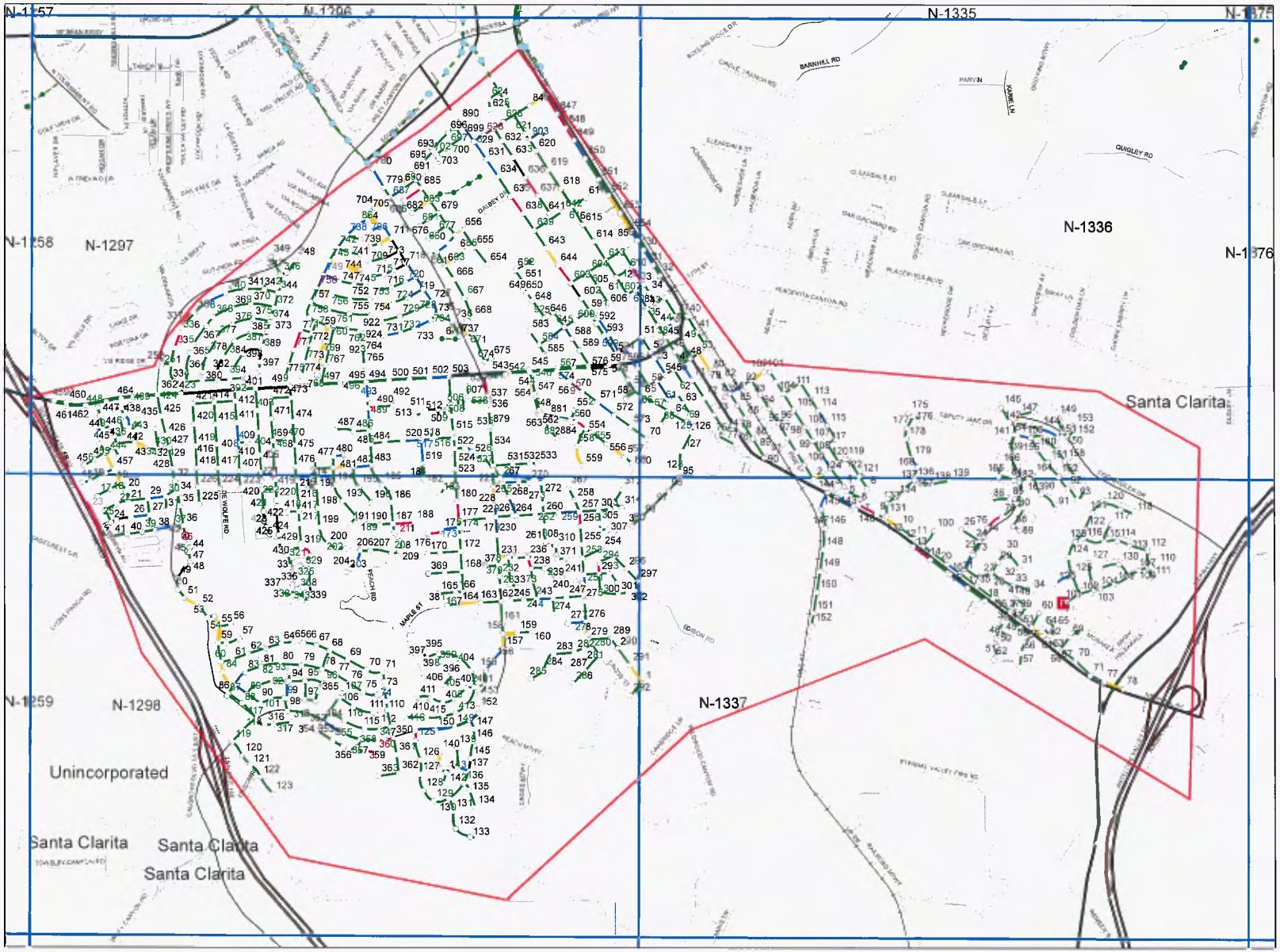
June 2018



ENCLOSURE 3

CCTV PROJECT

Y0TV1415A

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 670 1,340 2,010 2,6

Feet

Legend

SMD Sanitary Sewers

QSR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5: MOST SIGNIFICANT

SMD Manholes

- Other

Manhole Type

- Standard
- DROP
- Shallow
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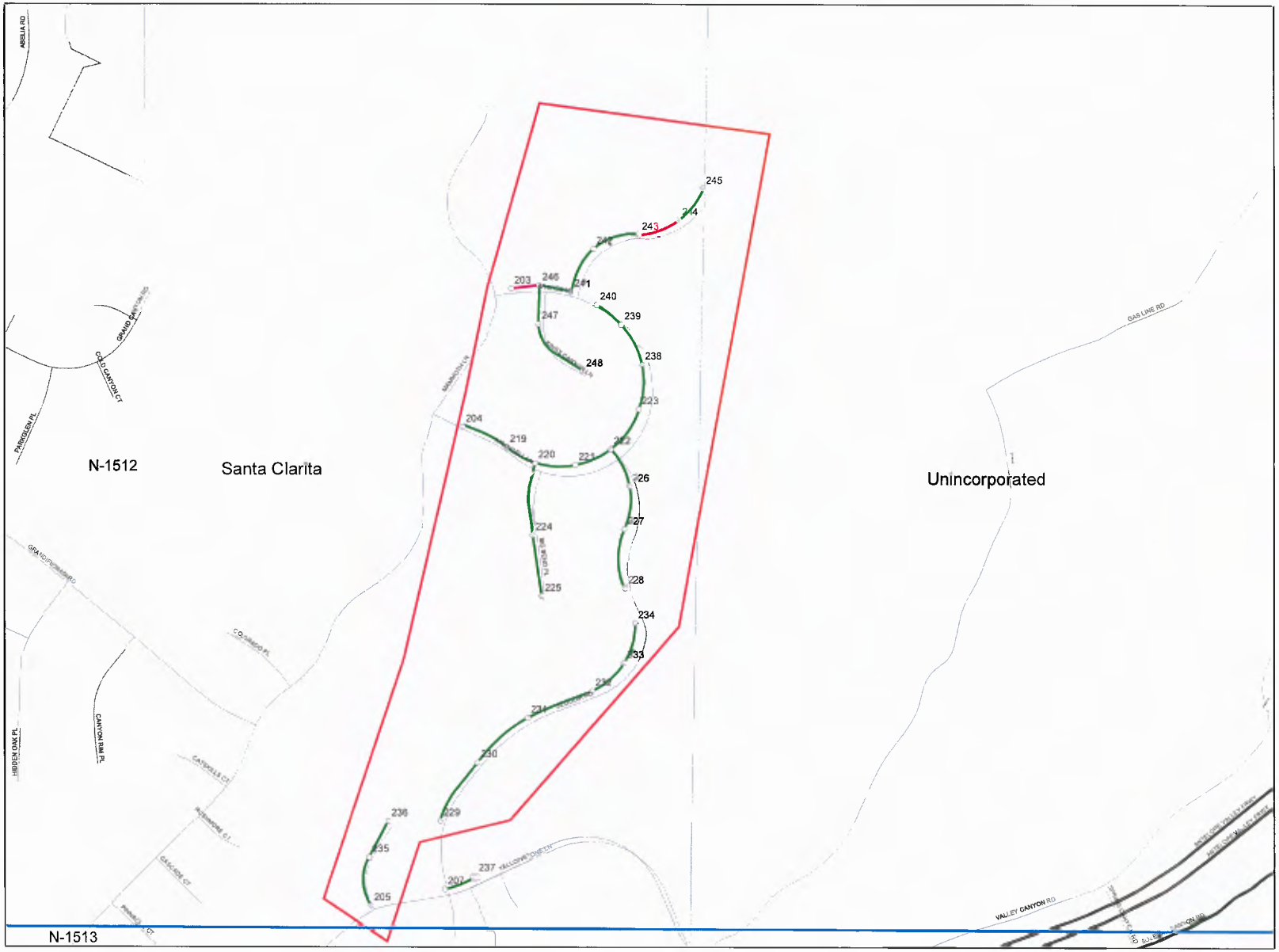
June 2018



ENCLOSURE

CCTV PROJECT

Y0TV1415

CITY OF SANTA CLARITA

QUICK STRUCTURAL RATING (QSR)

0 200 400 600

Feet

Legend

SMD Sanitary Sewers

QSR

- 1: MINOR
- 2: MINOR TO MODERATE
- 3: MODERATE
- 4: SIGNIFICANT
- 5 MOST SIGNIFICANT

SMD Manholes

- Other

Manhole Type

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June 2018

APPENDIX F1

SMD'S CCTV WORK SCHEDULE

AND SUMMARY OF CCTV'S

PROJECTS IN SMD AREAS

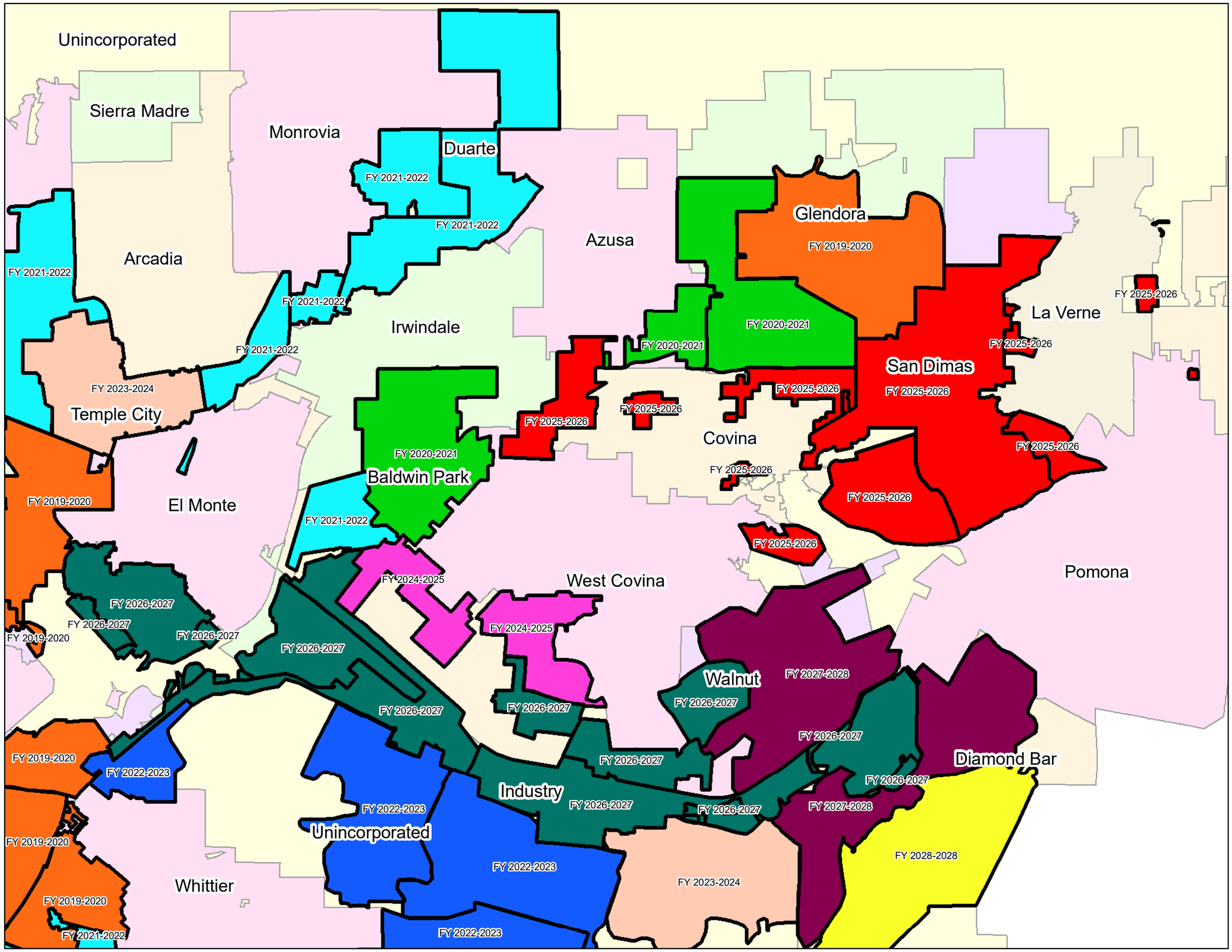
Condition Assessment Work Schedule

Jurisdiction	Fiscal Year	Project Name	Yard	Sup Dist	Length (Ft)	# segments
Agoura Hills	2019-2020	Y0TV1920B	N	3	282,334	1,303
Artesia	2020-2021	Y0TV2021B	C	4	164,488	702
Baldwin Park	2020-2021	Y0TV2021B	E	1	426,298	1,799
Baldwin Park	2021-2022	Y0TV2122A	E	1	121,577	527
Bell Gardens	2022-2023	Y0TV2223A	C	1	208,409	861
Bellflower	2020-2021	Y0TV2021A	C	4	409,525	1,677
Bellflower	2020-2021	Y0TV2021B	C	4	116,227	468
Bradbury	2021-2022	Y0TV2122A	E	5	10,731	44
Calabasas	2020-2021	Y0TV2021B	N	3	378,178	1,799
Carson	2026-2027	Y0TV2627B	S	2	466,914	1,949
Carson	2027-2028	Y0TV2728B	S	2	492,418	2,227
Commerce	2022-2023	Y0TV2223A	C	1	110,649	485
Commerce	2023-2024	Y0TV2324A	C	1	151,995	661
Cudahy	2022-2023	Y0TV2223A	C	1	74,557	277
Diamond Bar	2027-2028	Y0TV2728B	E	4	415,427	1,785
Diamond Bar	2028-2029	Y0TV2829A	E	4	422,501	1,844
Duarte	2021-2022	Y0TV2122A	E	5	233,341	1,020
Glendora	2019-2020	Y0TV1920B	E	5	435,739	1,828
Glendora	2020-2021	Y0TV2021A	E	5	309,013	1,286
Hawaiian Gardens	2020-2021	Y0TV2021B	C	4	81,392	336
Hidden Hills	2021-2022	Y0TV2122B	N	3	75,105	305
Industry	2026-2027	Y0TV2627A	E	1	108,462	441
Industry	2026-2027	Y0TV2627B	E	1	141,715	607
La Canada-Flintridge	2024-2025	Y0TV2425B	E	5	273,123	1,497
La Habra Heights	2022-2023	Y0TV2223B	E	4	11,305	55
La Mirada	2025-2026	Y0TV2526B	C	4	297,353	1,281
La Mirada	2026-2027	Y0TV2627A	C	4	337,464	1,488
Lakewood	2024-2025	Y0TV2425A	C	4	461,570	1,698
Lakewood	2025-2026	Y0TV2526A	C	4	417,736	1,700
Lawndale	2022-2023	Y0TV2223A	S	2	178,857	720
Lomita	2024-2025	Y0TV2425A	S	4	187,867	881
Malibu	2021-2022	Y0TV2122B	N	3	24,351	127
Palos Verdes Estates	2020-2021	Y0TV2021A	S	4	413,211	1,994
Paramount	2022-2023	Y0TV2223B	C	4	324,688	1,435
Pico Rivera	2019-2020	Y0TV1920A	C	1	414,941	1,808
Pico Rivera	2019-2020	Y0TV1920B	C	1	162,499	740
Rancho Palos Verdes	2023-2024	Y0TV2324A	S	4	487,004	2,303
Rancho Palos Verdes	2024-2025	Y0TV2425A	S	4	258,941	1,217
Rolling Hills	2024-2025	Y0TV2425B	S	4	2,883	17
Rolling Hills Estates	2024-2025	Y0TV2425B	S	4	170,201	806
Rosemead	2019-2020	Y0TV1920A	E	1	412,786	1,732
San Dimas	2025-2026	Y0TV2526A	E	5	385,421	1,728
San Dimas	2025-2026	Y0TV2526B	E	5	157,894	689
Santa Clarita	2022-2023	Y0TV2223B	N	5	145,989	763
Santa Clarita	2023-2024	Y0TV2324B	N	5	452,098	2,215
Santa Clarita	2024-2025	Y0TV2425B	N	5	451,689	1,994
Santa Clarita	2025-2026	Y0TV2526B	N	5	386,645	1,934
Santa Clarita	2026-2027	Y0TV2627B	N	5	441,757	1,989
Santa Clarita	2027-2028	Y0TV2728A	N	5	166,192	882
Santa Clarita	2027-2028	Y0TV2728B	N	5	388,579	1,569
Santa Fe Springs	2021-2022	Y0TV2122A	C	1	423,934	1,765
South El Monte	2026-2027	Y0TV2627A	E	1	191,620	767
Temple City	2023-2024	Y0TV2324B	E	5	382,266	1,680
Walnut	2026-2027	Y0TV2627B	E	5	101,406	422

Condition Assessment Work Schedule

Jurisdiction	Fiscal Year	Project Name	Yard	Sup Dist	Length (Ft)	# segments
Walnut	2027-2028	Y0TV2728A	E	5	409,187	1,829
Westlake Village	2019-2020	Y0TV1920B	N	3	169,786	789
Unincorporated Central Yard	2019-2020	Y0TV1920B	C	4	264,888	1,166
Unincorporated Central Yard	2020-2021	Y0TV2021B	C	4	5,632	23
Unincorporated Central Yard	2022-2023	Y0TV2223B	C	4	62,762	260
Unincorporated Central Yard	2023-2024	Y0TV2324A	C	1	322,625	1,267
Unincorporated Central Yard	2023-2024	Y0TV2324B	C	4	432,191	1,940
Unincorporated Central Yard	2025-2026	Y0TV2526A	C	4	16,652	62
Unincorporated Central Yard	2025-2026	Y0TV2526B	C	4	106,749	438
Unincorporated Central Yard	2026-2027	Y0TV2627A	C	4	66,246	263
Unincorporated Central Yard	2027-2028	Y0TV2728A	C	1	458,764	2,305
Unincorporated East Yard	2019-2020	Y0TV1920A	E	1	96,409	530
Unincorporated East Yard	2020-2021	Y0TV2021A	E	1 and 5	119,379	470
Unincorporated East Yard	2021-2022	Y0TV2122A	E	5	51,379	211
Unincorporated East Yard	2021-2022	Y0TV2122B	E	5	107,328	445
Unincorporated East Yard	2021-2022	Y0TV2122B	E	5	336,415	1,424
Unincorporated East Yard	2021-2022	Y0TV2122B	E	5	409,228	1,766
Unincorporated East Yard	2022-2023	Y0TV2223A	E	4	440,781	1,932
Unincorporated East Yard	2022-2023	Y0TV2223B	E	4	409,018	1,783
Unincorporated East Yard	2023-2024	Y0TV2324A	E	4	444,945	2,029
Unincorporated East Yard	2024-2025	Y0TV2425A	E	1	391,025	1,565
Unincorporated East Yard	2024-2025	Y0TV2425B	E	5	174,964	764
Unincorporated East Yard	2025-2026	Y0TV2526A	E	1 and 5	53,812	195
Unincorporated East Yard	2025-2026	Y0TV2526B	E	1 and 5	290,985	1,244
Unincorporated East Yard	2026-2027	Y0TV2627A	E	1	176,723	766
Unincorporated East Yard	2026-2027	Y0TV2627B	E	1 and 4	142,957	571
Unincorporated North Yard	2021-2022	Y0TV2122B	N	3 and 5	134,742	582
Unincorporated North Yard	2021-2022	Y0TV2122B	N	3	84,150	415
Unincorporated North Yard	2022-2023	Y0TV2223B	N	5	362,283	1,480
Unincorporated North Yard	2024-2025	Y0TV2425B	N	5	8,608	24
Unincorporated North Yard	2025-2026	Y0TV2526B	N	5	78,026	368
Unincorporated North Yard	2026-2027	Y0TV2627B	N	5	22,221	92
Unincorporated North Yard	2027-2028	Y0TV2728A	N	5	271,424	1,233
Unincorporated North Yard	2028-2029	Y0TV2829A	N	5	250,510	955
Unincorporated South Yard	2019-2020	Y0TV1920A	S	2	482,607	2,135
Unincorporated South Yard	2021-2022	Y0TV2122A	S	2	450,501	1,925
Unincorporated South Yard	2022-2023	Y0TV2223A	S	2	260,527	1,187
Unincorporated South Yard	2024-2025	Y0TV2425B	S	2 and 4	214,851	873
Unincorporated South Yard	2025-2026	Y0TV2526A	S	1 and 2	424,514	1,643
Unincorporated South Yard	2025-2026	Y0TV2526A	S	2 and 4	60,125	214
Unincorporated South Yard	2026-2027	Y0TV2627A	S	2	297,608	1,304
Unincorporated South Yard	2026-2027	Y0TV2627A	S	3	208,688	906

CCTV PROJECT AREAS AS OF AUGUST 2018



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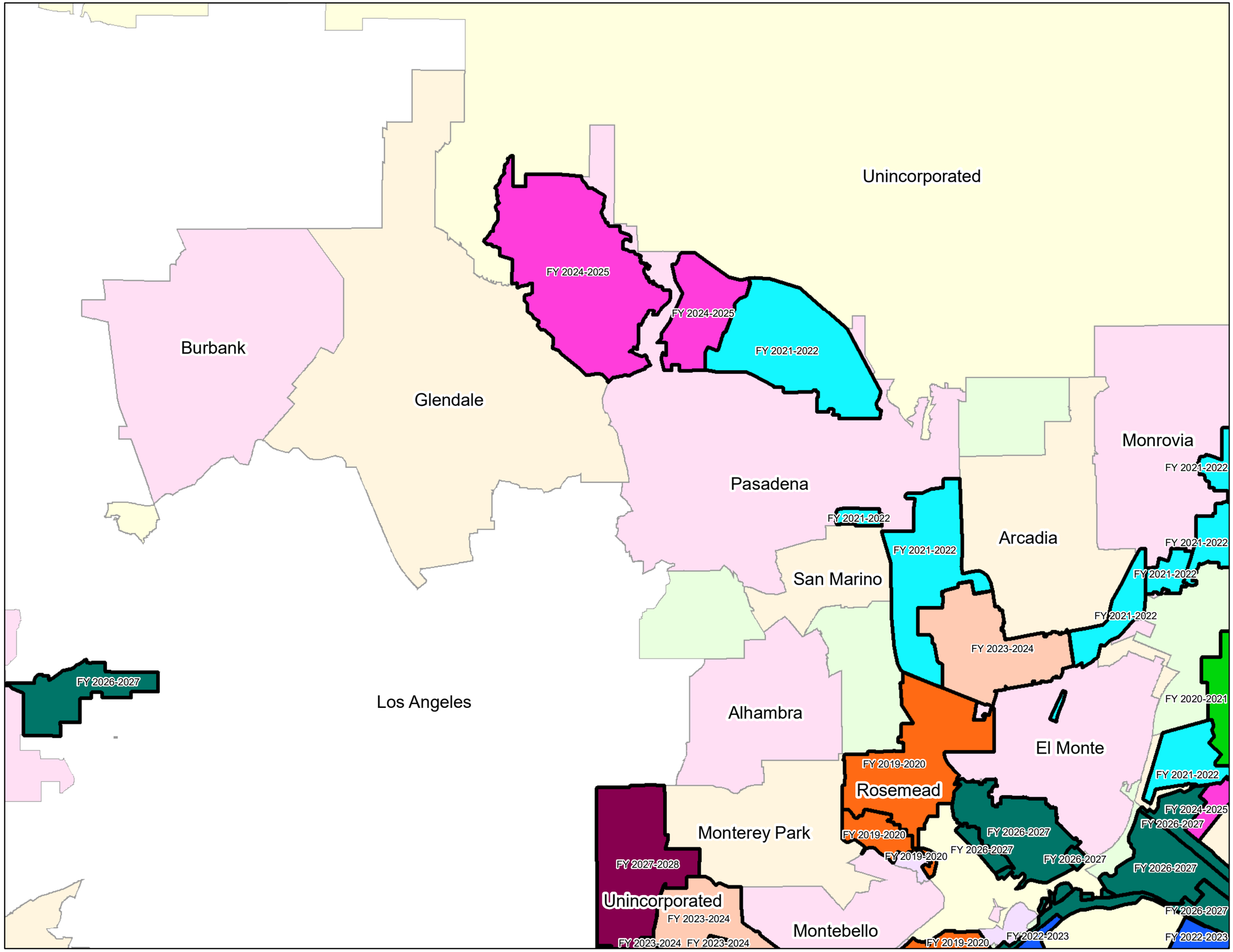
CCTV PROJECT AREAS AS OF AUGUST 2018



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CCTV PROJECT AREAS AS OF AUGUST 2018

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LOS ANGELES COUNTY PUBLIC WORKS Public Service That Works

Legend

BY FISCAL YEAR

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- 2028-2029

Glendale
Pasadena
San Marino
Arcadia
Monrovia
Azusa
Glendora
Irwindale
Los Angeles
Alhambra
El Monte
Baldwin Park
Covina
Rosemead
West Covina
Monterey Park
Unincorporated
Walnut
Montebello
Vernon
Commerce
Pico Rivera
Unincorporated
Bell
Whittier
La Habra Heights
South Gate
Downey
Lynwood
Norwalk
La Mirada
Compton
Paramount
Bellflower
Cerritos

CCTV PROJECT AREAS AS OF AUGUST 2018

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LOS ANGELES COUNTY PUBLIC WORKS
Public Service That Works

Legend

BY FISCAL YEAR

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Los Angeles
Vernon
Bell
Pico Rivera
Whittier
Inglewood
South Gate
Downey
El Segundo
Hawthorne
Lynwood
Gardena
Compton
Paramount
Bellflower
Norwalk
Cerritos
Lakewood
Carson
Redondo Beach
Torrance
Long Beach

CCTV PROJECT AREAS AS OF AUGUST 2018

Los Angeles
Inglewood
Los Angeles
Bell
South Gate
Downey
Lynwood
El Segundo
Hawthorne
El Segundo
Gardena
Compton
Paramount
Bellflower
Manhattan Beach
Hermosa Beach
Redondo Beach
Torrance
Torrance
Carson
Lakewood
Palos Verdes Estates
Rancho Palos Verdes
Long Beach
Long Beach

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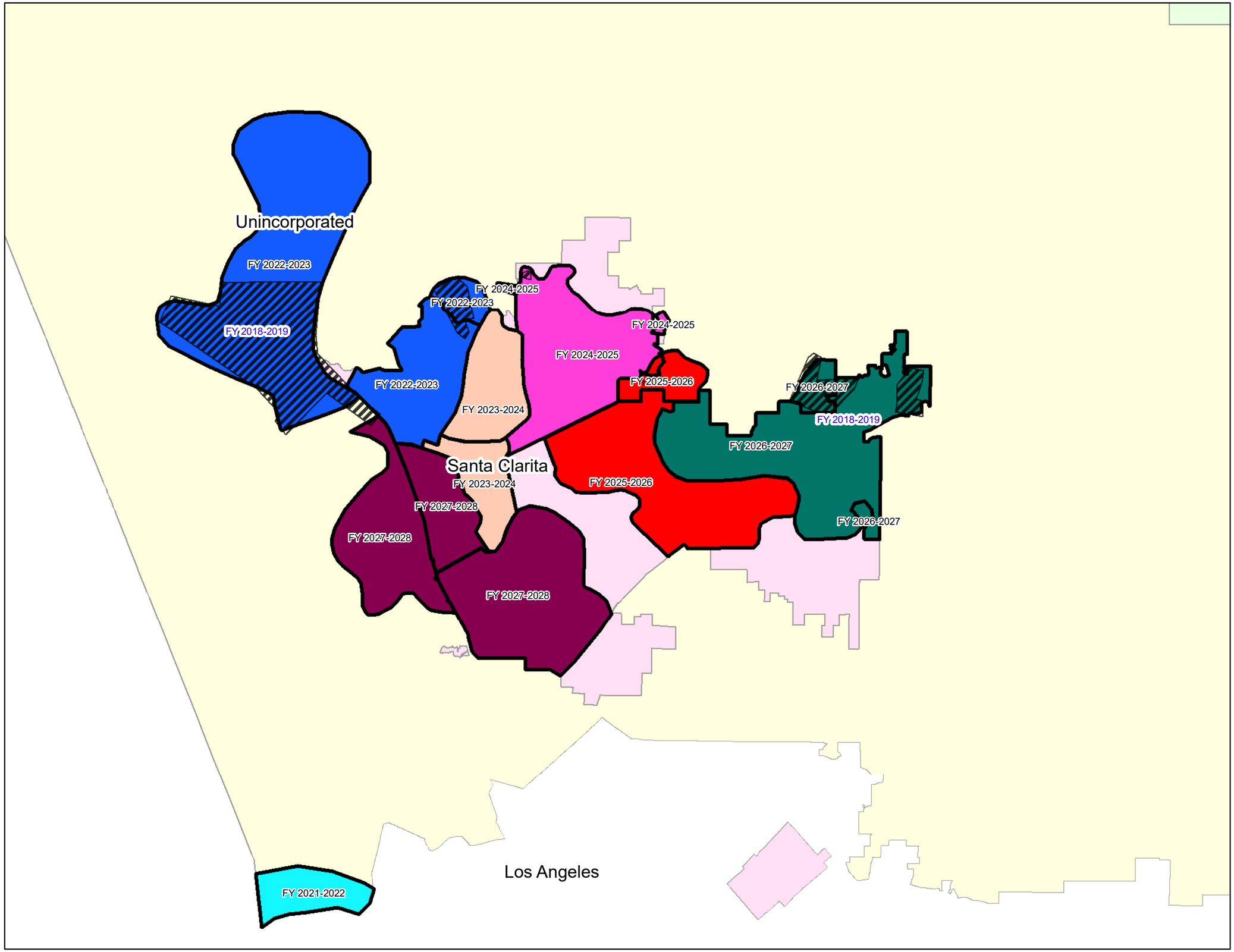
CCTV
PROJECT AREAS
AS OF AUGUST 2018



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LOS ANGELES COUNTY PUBLIC WORKS Public Service That Works

Legend

BY FISCAL YEAR

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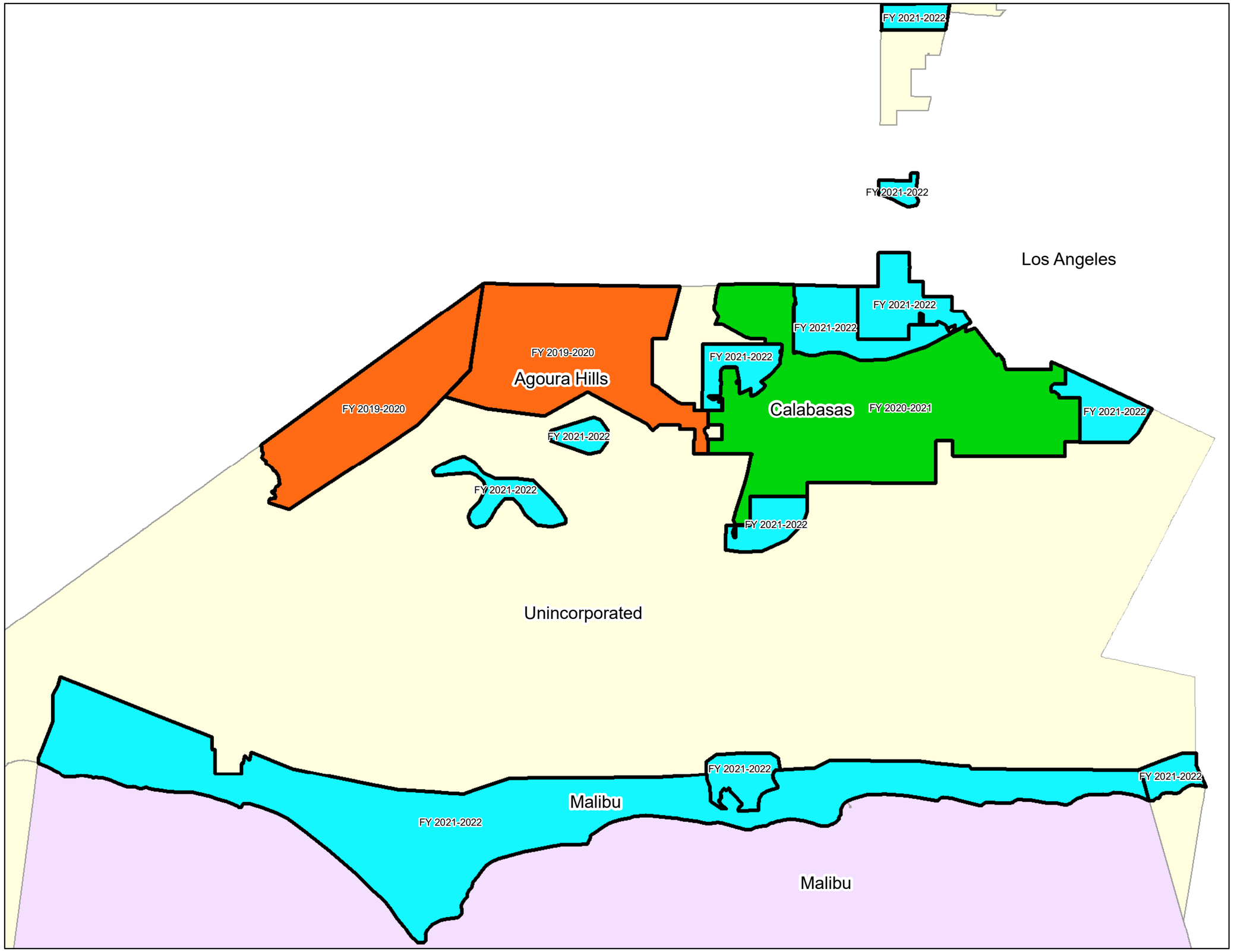
- 2028-2029

CCTV PROJECT AREAS AS OF AUGUST 2018



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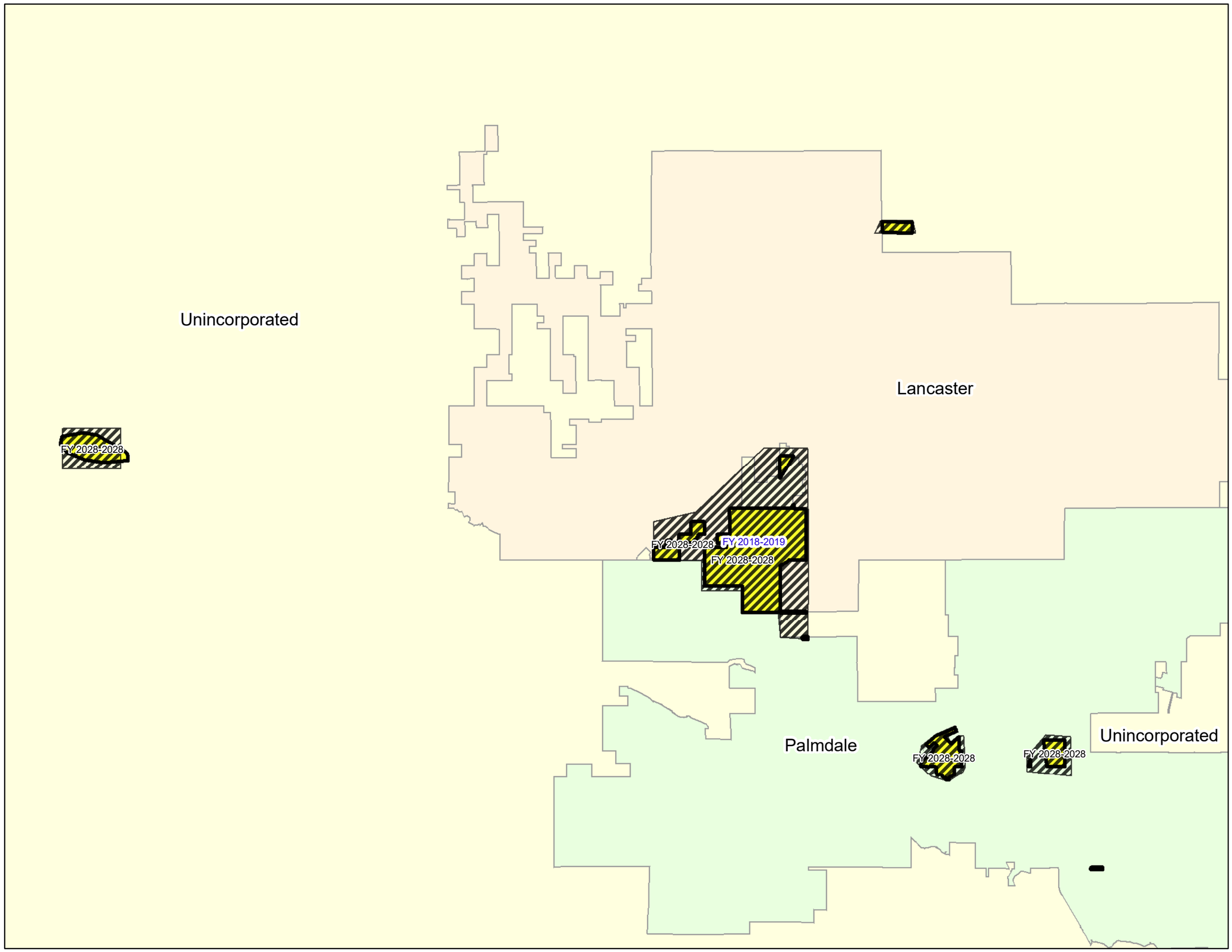
CCTV
PROJECT AREAS
AS OF AUGUST 2018



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LOS ANGELES COUNTY PUBLIC WORKS Public Service That Works

Legend

BY FISCAL YEAR

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- 2024-2025
- 2025-2026
- 2026-2027
- 2027-2028
- 2028-2029

APPENDIX G

SANITARY SEWER OVERFLOW RESPONSE INSTRUCTION MANUAL

STANDARD OPERATING PROCEDURES

Service Request Response Procedures

The enclosed flow chart depicts an overview of the process taken when crews are notified and actions to be taken. The actual steps in the procedures are described in detail below:

The Sewer Maintenance District provide 24-hour emergency services to investigate complaints from citizens. The 24-hour emergency telephone number is 1-800-675-HELP (4357) posted on City's website. Personnel are available each day of the year to receive and act on any calls or automated alarms related to problems in the sewer system including overflows. During business hours, emergency calls are received by either the Department of Public Works' Operator or City's General Services yard facility who will contact SMD Operator. The Operator will dispatch the nearest Sewer Maintenance crew to the problem site. For after-hour emergencies, the Operator will call the Sewer Maintenance Superintendent or Supervisor in the order listed on the Emergency Home Telephone list. The Superintendent or Supervisor who receives the emergency call will investigate the complaints and take appropriate action, including immediate dispatch of a standby crew with necessary equipment to take care of the problem or refer the call to other agencies if the problem is found not to be in our jurisdiction.

Sanitary Sewer Overflow Procedures

The following information provides the order of operations for crew response procedures relating to Sanitary Sewer Overflows (SSO):

1. Verify that the facility is one that the Department of Public Works has the responsibility to maintain. Notify the responsible maintenance agency if it is not our facility.

2. Assume that the overflow contains hazardous materials, particularly if it occurs in an industrial area. Crews shall stay upwind of any potential air contamination or fumes until it is determined to be safe to approach the origin of the SSO. If hazardous materials are suspected, our crews are to notify the Department of Public Works' Dispatch Unit so that a Hazmat investigation can be made immediately.

3. The crew responding to an overflow is required to set up containment, stop the overflow, and ensure that the facility or area is cleaned up and returned to normal operation. The crew shall also document the overflow with photographs of the point of overflow, property damage, traffic control, containment method, and point of entry to storm drain system. At this time, crews identify the probable cause of the overflow (i.e. grease, roots, rocks, etc.) and then remedial actions are taken to ensure the mainline is down and running normal. The complainant of the overflow is informed of the cause of the problem and the remedial action taken.

4. Estimate and record duration and volume of the SSO.

   The spill start time is determined through:
   - Information obtained from the individual or entity that called in the incident;
   - Recorded time by dispatch;
   - Record obtain from a pump station or;
   - Interviewing neighbors or businesses near the spill

   The spill end time is established by the responding crew. Upon determination of the duration of the spill the volume of spill is determined by the crew employing any of the generally accepted methods or calculation by office engineers.

5. All sanitary sewer overflows are documented in SSO notification form (page G9) and reported to the County of Los Angeles Department of Public Health, California Office of Emergency Services (1,000 gallons or greater) within time frames specified in Section 6.1.1 of the SSMP, and the State Water Resources Control Board through CIWQS.

6. Department of Public Works, Stormwater Maintenance Division (SWMD), is notified of all overflows that discharge into the storm drain system or flood control channel. SWMD's role is to assist in tracing and capturing as much of the spill before it reaches waters of the United States.

7. Water Quality Monitoring Program

   Department of Public Works, Environmental Programs Division (EPD), is notified by the Department's Dispatch of all overflows 50,000 gallons or more that reach surface waters to initiate water quality monitoring.

   Pursuant to the State Water Resources Control Board Oder No.2013-058-EXEC, when an SSO is determined to be 50,000 gallons or more and reaches a surface water body, the responding Sewer Maintenance Districts' crew shall, by telephone, report the incident to the Department Dispatch, requesting that water quality monitoring be initiated. This is in addition to other SSO reporting requirements depicted in the flow chart shown on page G4 of this document.

   Upon receiving the call, Dispatch shall immediately notify EPD, requesting their services for water quality monitoring. Dispatch shall provide EPD of the SSO location, volume of the spill, surface water bodies affected, as well as the contact at Sewer Maintenance Division (SMD) handling this response.

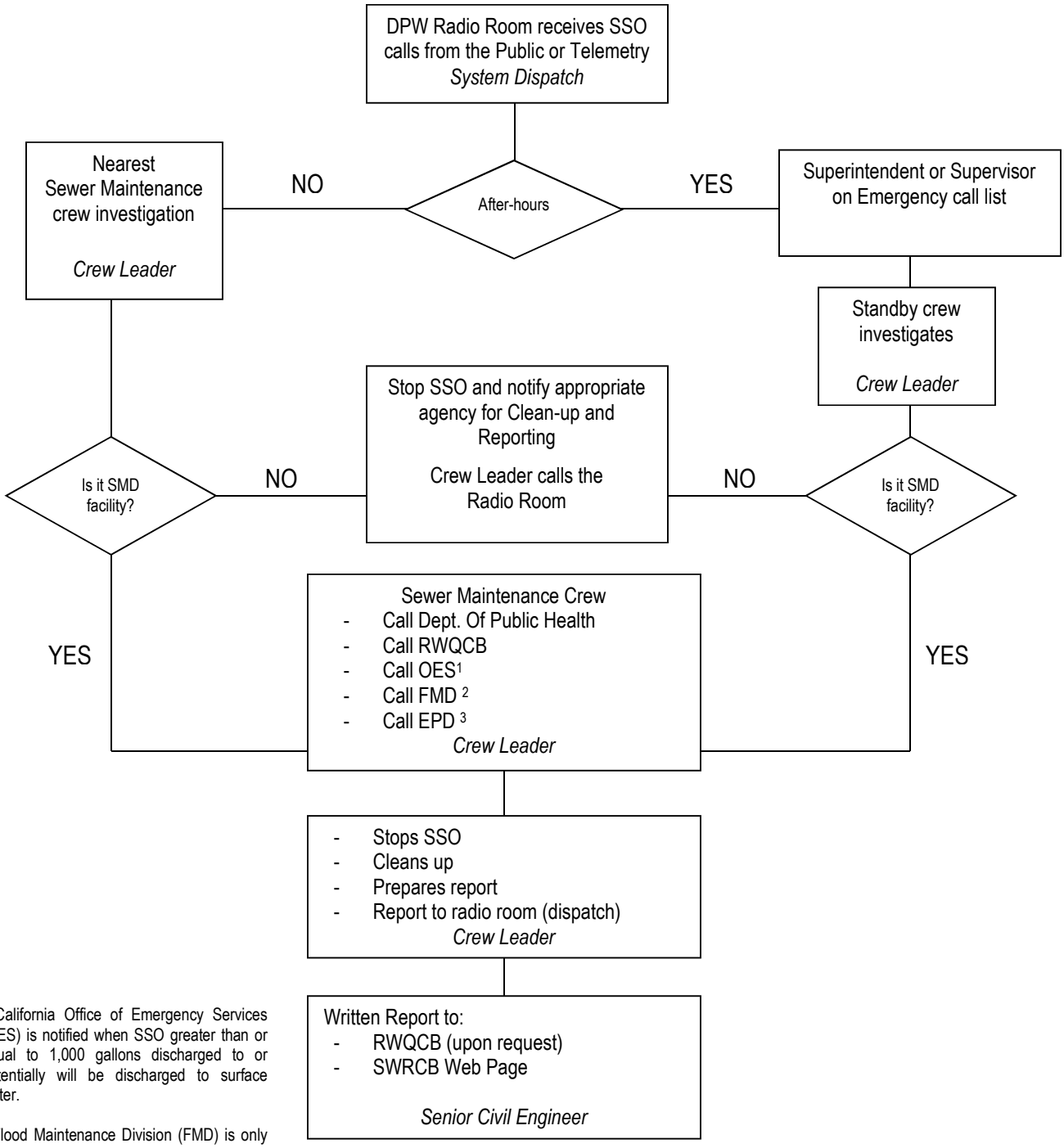
   EPD shall within 48 hours of being notified, dispatch its personnel to the site, collect the required water samples, and send the samples to authorized laboratory for analysis. EPD and the Laboratory conducting the sample analysis shall comply with the requirements stipulated in Section D of the Order. Upon

receipt of the laboratory result, EPD shall transmit the results to SMD. SMD will report the results as required to the State Water Resources Control Board and maintain all records of the SSO event per Section E of the Order.

8. Complete the Overflow Summary Report after notification of the appropriate agencies specified in Section 6.1.2 of the SSMP.

All field personnel are trained to be conversant with these procedures and to accurately report SSO events.

SSO Reporting Procedures Flow Chart



[1] California Office of Emergency Services (OES) is notified when SSO greater than or equal to 1,000 gallons discharged to or potentially will be discharged to surface water.

[2] Flood Maintenance Division (FMD) is only notified when the SSO has entered a storm drain.

[3] Environmental Program Division (EPD) is only notified when SSO of 50,000 gallons or greater are spilled to surface water.

OVERFLOW SUMMARY REPORT INSTRUCTIONS

The following instructions should be used as a guide for completing the Overflow Summary Report form.

MMS W.O. NO.
Leave blank. Work order number will be filled in by clerical support.

ADDRESS
Complete address, including street number; if street number is not known, use name of street and distance from nearest cross street. For example, Fremont Ave. 600' E/O Valley Blvd. NOT 600' E/O manhole #380.

NEAREST INTERSECTION
Nearest cross street.

MAP NO.
Consolidated Sewer Map Sheet Number.

CITY/COUNTY
Name of City or County area. If you are not sure leave blank.

TYPE OF INCIDENT
Specify the type of event (Manhole Overflow, Pump Station Failure, or Other).

CREW LEADER/ELECTRO-MECHANIC RESPONDING
Crew Leader name and crew number.

TIME DISPATCH NOTIFIED
Time the initial request for service was received by DPW Dispatcher.

TIME CREW NOTIFIED
Time when crew was notified by DPW Dispatcher or Supervisor.

TIME OF ARRIVAL
Time when crew arrived at job site.

CALL BACK TELEPHONE NO.
Responding party shall provide their yard's telephone number.

TIME STOPPAGE RELIEVED
Time when problem was finally resolved.

TIME OF DEPARTURE
Time when crew left job site and notified DPW Dispatcher by radio or telephone.

DPW DISPATCHER NOTIFIED
Specify if DPW Dispatcher was notified of results.

HEALTH DEPARTMENT NOTIFIED
Notify Health Department within 2 hours of crew notification of all overflows.

O.E.S. NOTIFIED?
Notify the State Office of Emergency Services upon completion of the event.

RWQCB NOTIFIED?
Notify the Regional Water Quality Control Board within one business day of the event.

F.M.D. NOTIFIED?
Notify Flood Maintenance Division, through dispatch, immediately upon verification of entry into the storm drain system or flood control channel.

DESCRIPTION OF INCIDENT

OVERFLOWING EXIT POINT
Specify SSO exit points such as Manhole No., Clean-out, Flood-out, Pump force main, or other.

ESTIMATED VOLUME RECOVERED
Number of gallons that was recovered and returned to the sewer system.

ESTIMATED VOLUME
Number of gallons of overflow. Use the visual method to estimate the volume.

ESTIMATED DURATION
Indicate time interval between time Dispatch received the call and time stoppage was relieved.

WHERE DID FLOW GO
Indicate where the effluent flowed: “street gutter”, “open channel”, “storm drain N/E C/O Valley Blvd.,” or if it was contained and returned, “to M/H #380,” etc.

ACTION TAKEN
Describe in detail the type of work that was done to respond to the emergency. Specify the containment, recovery, and clean-up process. What was done to contain the overflow? If it could not be contained, what exactly happened during the recovery process? What steps were taken to clean up the remaining sewer water and/or debris?

SUSPECTED CAUSE
Specify the suspected cause of the overflow.

IS THIS A REPEATED INCIDENT
Consider any similar events within the past 5 years and use that data to specify if the overflow was a repeat incident.

RECOMMENDED MEASURES TO PREVENT REOCCURRENCE
Describe the corrective action measures to be taken to prevent repeat overflows. Provide the mainline location and manholes to be added to a sewer periodic cleaning schedule. If there is no action to be taken, please provide a detailed explanation for justification purposes.

CORRECTIVE ACTION PM NO.
Leave blank. Corrective PM No. will be added, by clerical support, once a cleaning periodic schedule has been created or modified.

NAME
Supervision staff for the responsible party shall sign here to acknowledge their agreement.

DATE
Date signed by supervision staff.

JA:sb
OVERFLOWSUMMARYREPORTINST

SERVICE REQUEST

Sheet ____ of ____

COMPLAINT _____

ADDRESS _____

CROSS STREET _____

TELEPHONE _____

NATURE OF COMPLAINT

___ M .H. OVERFLOW
___ COVER OFF/NOISY
___ PLUMBING TROUBLE
___ MH STOPPAGE
___ PUMPSTATION MALFUNCTION
___ SEWER ODOR
OVERFLOWING MH _____

CALL RECEIVED _____

CREW DISPATCHED: S- _____

TIME _____ AM/PM

ARRIVAL TIME _____ AM/PM

RELIEVED STOPPAGE _____ AM/PM

DEPARTURE TIME _____ AM/PM

FALSE ALARM: YES / NO

OTHER: _____

CREW LEADER: _____

REGIONAL SUPT: _____

92-0015 DPW Rev. 12/03

RELAYED BY _____ DATE _____ T. G. _____

AGENCY _____ YARD _____

TELEPHONE _____ MAPSHEET No. C- _____

EXTENSION _____ CITY _____

RESULTS: _____

WO# _____ DATE _____

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
SEWER MAINTENANCE DIVISION
(626) 300-3308

Notification of Sanitary Sewer Overflow

NOTIFICATION

(to be completed by Crew Leader or Electro-Mechanic responding)

DATE: _____ MMS No. _____

LOCATION: Address _____

Nearest Intersection _____

Map No. _____ City/County _____

Residential _____ Commercial _____ Industrial _____

TYPE OF INCIDENT:

Manhole Overflow _____ Pump Station Failure _____ Other _____

CREW LEADER/ELECTRO-MECHANIC RESPONDING _____
(Name) (Crew No.)

Time spill start _____ Verified by (name/contact) _____

Time crew notified _____

Time of arrival _____ Call back Tel. No. ( ) _____

Time stoppage relieved _____

Time of departure _____ DPW dispatcher notified? Yes _____ No _____

AGENCY NOTIFICATION LIST

CONTACT WITHIN 15 MINUTES of verification of overflow					Operator Number
	Initial		**Follow-up**		
Department of Public Health (DPH) **(213) 974-1234** *(24-hour reporting)*	Date		Date		
	Time		Time		
CONTACT WITHIN 2 HOURS *					Control Number
California Office of Emergency Services (OES) **(800) 852-7550** *(24-hour reporting)* *Discharge of sewage spills reaching or which likely make its way into, any state waters is 1000 gallons or more.*	Date		Date		
	Time		Time		
	Time		Time		
Stormwater Maintenance Division (SWMD) **(Notify through Dispatch)** *Call Dispatch **(626) 458-4357)** to request assistance from SWMD when spills enter storm drain.*	Date				
	Time				
Environmental Programs Division (EPD) **(Notify through Dispatch)** *Call Dispatch to request assistance from EPD if SSO is 50,000 gallons or more that reached surface water.*	Date				
	Time				

I certify that the OES and Los Angeles County of Public Health have been notified as shown above, in accordance with State Water Board Order No. WQ 2013-0058-EXEC

Certified by: _____
Signed by Supervisor, Crew Leader, Electro-Mechanic, or Treatment Plant Operator Responding Date

*** If > 2 HRS, PROVIDE COMMENTS**

☐ Poor Telephone Signal ☐ Caller Site Location Error ☐ Complication in SSO Containment ☐ Heavy Traffic

☐ Other (Specify) _____

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
SEWER MAINTENANCE DIVISION
SUMMARY REPORT OF MAINLINE SEWER AND PUMP STATION OVERFLOWS

PART 2 - DESCRIPTION OF INCIDENT

(to be completed by Crew Leader or Electro-Mechanic responding)

Photos Attached? ☐ Yes ☐ No Backflow Notice Attached? ☐ Yes ☐ No

Time dispatch received complaint: _____ Date: _____

Mapsheet No. _____

Spill appearance point(s)
If manhole(s) provide No(s) _____

Est. Duration: _____

Where did failure occur?
☐ Main Line
☐ Force Main
☐ Pump Station
☐ House Lateral
☐ Other (Specify) _____

Total estimated spill volume? _____ How much recovered _____

Out of the total estimated spill volume how much reached into……

Storm Drain _____ How much recovered _____
Land _____ How much recovered _____
Drainage channel that flows to a surface water body _____ How much recovered _____
Discharge directly to surface water body _____ How much recovered _____

Explanation of volume estimated methods used: _____

Where did flow go? Overflowing from _____ into _____

Action taken: _____

Suspected Cause: _____

Health warning posted? ☐ Yes ☐ No

Did the spill result in a beach closure? ☐ Yes ☐ No
If YES, name of impacted beach(es). _____

NAME _____ DATE _____

PART 3 - RECOMMENDATION

(to be completed by Supervisor or Electro-Mechanic Working Supv.)

Is this a repeated Incident? ☐ Yes ☐ No MMS No. _____

Recommended measures to prevent reoccurrence: _____

Corrective Action PM No. _____

NAME _____ DATE _____

ADDITIONAL COMMENTS

APPENDIX H - M

NOT USED

APPENDIX N

SANTA CLARITA MUNICIPAL CODE, TITLE 20 SANITARY SEWERS AND INDUSTRIAL WASTE

Division 2

Chapter 15.20
SANITARY SEWERS AND INDUSTRIAL WASTE

Sections:

15.20.010 Adoption of County Ordinance.

A. There is adopted, except as otherwise provided, by reference, as a sanitary sewer and industrial waste ordinance of the City of Santa Clarita, except as it is hereinafter amended, Los Angeles County Code, Title 20, Utilities, Division 2, Sanitary Sewers and Industrial Waste, as amended.

B. Three (3) copies of the Los Angeles County Code, Title 20, Utilities, Division 2, have been deposited with the City Clerk and shall be at all times maintained by the City Clerk for use and examination by the public.

C. Los Angeles County Code, Title 20, Utilities, Division 2, Sanitary Sewers and Industrial Waste, adopted by this chapter as the sanitary sewer and industrial waste code of the City, are amended to read as set forth in the sections below. (Ord. 90-18, 7/24/90; Ord. 09-8 § 1, 6/9/09)

15.20.015 Act.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.020 Plan Review and Fees for Storm Water Monitoring and Treatment.

Section 20.28.260, Classes of businesses, processes and industries for plan review and inspection fee, is amended to read as follows:

> Plan review and inspection fees for the categories listed below shall be fixed and established from time to time by City Council resolution:
>
> Storm Water Monitoring.
>
> Storm Water Treatment BMP Approval/Monitoring.

(Ord. 90-18, 7/24/90; Ord. 09-8 § 1, 6/9/09)

15.20.030 Deposit of Certain Substances Prohibited.

A person shall not place, throw, or deposit, or cause or permit to be placed, thrown, or deposited in any public sewer or main-line sewer any dead animal, offal, or garbage, fish, fruit, or vegetable waste, debris, cut roots, other solid matters, or materials or obstructions of any kind, of such nature, as shall clog, obstruct, or fill such sewer, or which shall interfere with or prevent the effective use or operation thereof. A person shall not cause or permit to be deposited or discharged into any such sewer any water, or sewage, or liquid waste of any kind containing chemicals, fats, oils, and grease (collectively referred to as FOG), tars, or other matters in solution or suspension, which may glob, obstruct, or fill the same, or which may in any way damage or interfere with, or prevent the effective use thereof, or which may necessitate or require frequent repair, cleaning out, or flushing of such serve to render the same operative, or which may obstruct or cause an unwanted increase in the cost of treatment of the sewage or which may introduce into a publicly owned treatment works any pollutant(s) which cause pass through interference. Storm water runoff shall be discharged into a sanitary sewer. (Ord. 09-8 § 1, 6/9/09)

15.20.040 Fees.

Except for those services identified in Section 15.20.020, the City shall collect a five (5) percent administrative fee in addition to the fees charged pursuant to Los Angeles County Code, Title 20, Utilities, Division 2, Sanitary Sewers and Industrial Waste, as amended. (Ord. 90-18, 7/24/90; Ord. 09-8 § 1, 6/9/09)

15.20.050 Penalties.

A. Every person violating any provision of this chapter or any condition or limitation of permit issued pursuant thereto is guilty of a misdemeanor, and upon conviction is punishable by fine not exceeding one thousand dollars ($1,000.00) or by imprisonment in the County jail for a period not exceeding six (6) months, or by both such fine and imprisonment.

B. Each day during which any violation described in this Division 2 as willful continues shall constitute a separate offense punishable as provided by this chapter. (Ord. 90-18, 7/24/90; Ord. 09-8 § 1, 6/9/09)

15.20.060 Dairywastes.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.065 Director.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.070 Domestic Sewage.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.080 Effluent.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.090 Septic Tank Effluent.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.095 EPA.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.100 Frontage.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.110 House Lateral.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.115 Indirect Discharge.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.120 Industrial Building.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.130 Industrial Connection Sewer.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.135 Industrial User.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.140 Industrial Waste.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.150 Industrial Waste Treatment Facility.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.160 Inspector.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.170 Interceptor.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.175 Interference.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.177 National Categorical Pretreatment Standard.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.180 Licensed Contractor.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.190 Lot.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.200 Main-line Sewer.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.204 New Source.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.205 NPDES Permit.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.206 Off-site Disposal.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.208 On-site Disposal.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.209 Pass Through.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.210 Permittee.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.220 Pollution of Underground or Surface Waters.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.222 Pollution of Underground or Surface Waters.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.224 Publicly Owned Treatment Works.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.226 Pretreatment.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.230 Public Sewer.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.240 Radioactive Material.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.250 Rainwater Diversion System.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.260 Saddle.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.270 Seepage Pit.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.280 Septic Tank.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.290 Sewage.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90.)

15.20.295 Sewer Disposal.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.300 Sewage Pumping Plant.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.310 STEP System.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.312 Standard Industrial Classification.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.320 Tapping.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.330 T.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.332 Trunk Sewer.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.335 Uncontrolled Discharge.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.340 Waste Disposal Facility.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.350 Water Pollution Control Plant.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

15.20.360 Y.

Repealed by Ord. 09-8. (Ord. 90-18, 7/24/90)

APPENDIX O

CITY OF SANTA CLARITA
RESOLUTION NO. 88-142
AND
RESOLUTION NO. 89-16

RESOLUTION NO. 88-142

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, CALIFORNIA, GRANTING CONSENT AND JURISDICTION TO THE COUNTY OF LOS ANGELES AND FOR THE INCLUSION OF A PORTION OF THE CITY OF SANTA CLARITA WITHIN A COUNTY SEWER MAINTENANCE DISTRICT

WHEREAS, portions of the City of Santa Clarita are already included in a County sewer maintenance district; and

WHEREAS, additional sewers have been or are scheduled to be constructed within the City; and

WHEREAS, currently the City does not have the forces nor the equipment necessary to maintain sanitary sewers; and

WHEREAS, it appears in the public interest and convenience that all areas served by sanitary sewers in the City of Santa Clarita be included in a County sewer maintenance district.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Santa Clarita as follows:

SECTION 1. That the public interest and convenience require all territory served by sanitary sewers within the boundaries of the City of Santa Clarita be included in a County sewer maintenance district formed for the purpose of maintaining local sanitary sewers pursuant to Chapter 4, Part 3, Division 5 of the Health and Safety Code, as amended, or Chapter 26, Part 3, Division 7 of the Streets and Highways Code, as amended, of the State of California.

SECTION 2. That pursuant to the authority vested to it by Section 4895 of said Health and Safety Code, or Section 5837 of said Streets and Highways Code, the City Council, being the legislative body of the City of Santa Clarita, hereby consents to the inclusion of that City territory designated in Exhibit "A" attached hereto and incorporated herein by reference within a County sewer maintenance district, and to the exercise of exclusive jurisdiction by the Board of Supervisors of said County of Los Angeles over all proceedings necessary thereto for the purpose of consummating the same pursuant to applicable laws.

END

SECTION 3. The City Clerk shall certify the adoption of this Resolution, and shall deliver three (3) certified copies thereof to the Clerk of the Board of Supervisors of the County of Los Angeles.

PASSED, APPROVED AND ADOPTED this 27th day of October, 19 88.

Howard D. McKeon
MAYOR

ATTEST:

CITY CLERK

I HEREBY CERTIFY that the foregoing Resolution was duly adopted by the City Council of the City of Santa Clarita, at a regular meeting thereof, held on the 27th day of October, 19 88, by the following vote of the Council:

AYES: COUNCILMEMBERS Boyer, Darcy, Heidt, Koontz, McKeon

NOES: COUNCILMEMBERS None

ABSENT: COUNCILMEMBERS None

CITY CLERK

END

RESOLUTION NO. 89-16

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, CALIFORNIA GRANTING CONSENT AND JURISDICTION TO THE COUNTY OF LOS ANGELES AND FOR THE INCLUSION OF CERTAIN TERRITORY OF THE CITY OF SANTA CLARITA WITHIN A COUNTY SEWER MAINTENANCE DISTRICT.

WHEREAS, portions of the City of Santa Clarita are already included in a County sewer maintenance district; and

WHEREAS, additional sewers have been or are scheduled to be constructed within the City; and

WHEREAS, currently the City does not have the forces nor the equipment necessary to maintain sanitary sewers; and

WHEREAS, it appears in the public interest and convenience that all areas served by sanitary sewers in the City of Santa Clarita be included in a County sewer maintenance district.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Santa Clarita as follows:

SECTION 1. That the public interest and convenience require all territory served by sanitary sewers within the boundaries of the City of Santa Clarita be included in a County sewer maintenance district formed for the purpose of maintaining local sanitary sewers pursuant to Chapter 4, Part 3, Division 5 of the Health and Safety Code, as amended, or Chapter 26, Part 3, Division 7 of the Streets and Highways Code, as amended, of the State of California.

SECTION 2. That pursuant to the authority vested in it by Section 4895 of said Health and Safety Code, or Section 5837 of said streets and Highways Code, the City Council, being the legislative body of the City of Santa Clarita, hereby consents to the inclusion of any of said territory within a County sewer maintenance district as soon as said city territory is served by sewers, or is assured of having sewer service in the near future, and to the exercise of exclusive jurisdiction by the Board of Supervisors of said County of Los Angeles over all proceedings necessary thereto for the purpose of consummating the same pursuant to applicable laws.

SECTION 3. That said consent and jurisdiction granted to the Board of Supervisors as set forth in Section 2 of this Resolution shall not be construed to request, require or permit the immediate inclusion of all territory within the City of Santa Clarita in a County sewer maintenance district, but only to request or permit the immediate inclusion of areas that are now served by sewers, or that are assured of having sewer service in the near future. Additional served areas may be included in a sewer maintenance district by annexation proceedings from time to time without securing further consent and grant of jurisdiction from this Council.

SECTION 4. The City Clerk shall certify the adoption of this Resolution, and shall deliver three (3) certified copies thereof to the Clerk of the Board of Supervisors of the County of Los Angeles.

PASSED, APPROVED AND ADOPTED this 14th day of February, 19 89.

Janice H. Heidt
MAYOR

ATTEST:

CITY CLERK

I HEREBY CERTIFY that the foregoing Resolution was duly adopted by the City Council of the City of Santa Clarita, at a regular meeting thereof, held on the 14th day of February, 19 89, by the following vote of Council:

AYES: COUNCILMEMBERS Boyer, Darcy, Koontz, McKeon, Heidt

NOES: COUNCILMEMBERS None

ABSENT: COUNCILMEMBERS None

CITY CLERK

APPENDIX P

SSMP
RECERITIFICATION

Agenda Item: 2

CITY OF SANTA CLARITA
AGENDA REPORT

UPDATED SSMP TO BE ADOPTED SUMMER OF 2025

CONSENT CALENDAR

CITY MANAGER APPROVAL:

DATE: March 24, 2015

SUBJECT: SEWER SYSTEM MANAGEMENT PLAN (SSMP) - STATEWIDE GENERAL WASTE DISCHARGE REQUIREMENTS FOR SANITARY SEWER SYSTEMS

DEPARTMENT: Public Works

PRESENTER: Travis Lange

RECOMMENDED ACTION

City Council:

1. Approve the proposed updated Sewer System Management Plan.

2. Authorize the City Manager or designee to make future operational changes, as needed, that do not have a financial impact to comply with Waste Discharge Requirements.

BACKGROUND

On May 2, 2006, the California State Water Resources Control Board adopted statewide Waste Discharge Requirements (WDRs) for Sanitary Sewer Systems (Order No. 2006-0003). These WDRs are the regulatory mechanism for agencies throughout the state that own or operate sanitary sewer collection systems greater than one mile in length that collect and/or convey untreated or partially treated wastewater to a publicly owned treatment facility. The goal of the WDRs is to reduce the frequency and volume of sanitary sewer overflows by requiring agencies to properly operate, maintain, and manage their wastewater collection system.

Per the requirements of the WDRs, agencies that own a sewer system must develop and implement a system-specific Sewer System Management Plan (SSMP). The SSMP memorializes management and operational practices for the agency's sanitary sewer system to prevent or significantly reduce the occurrence of sanitary sewer overflows. Major causes of sewer overflows include grease blockages, root blockages, debris blockages, structure failures, vandalism, and system age.

APPROVED

The City of Santa Clarita (City) utilizes the services of Los Angeles County (County) Department of Public Works Consolidated Sewer Maintenance District for the maintenance and operation of our sewer system. As such, the City's SSMP is a summary of the County's SSMP with modifications specific to our City.

Sanitary sewer overflows often contain high levels of pathogenic organisms, suspended solids, and nutrients that would exceed water quality standards. Although proper maintenance of the sewer system is critical to prevent sewer overflows and maintaining water quality from our storm drain system, it is not directly a part of a Total Maximum Daily Load or the City's Stormwater Permit. The SSMP ensures proper maintenance and standardizes reporting of sewer overflows throughout the state. There are no new policies as a result of this plan.

The SSMP consists of the following elements:

1. Goals
2. Organization
3. Legal Authority
4. Operation and Maintenance Program
5. Design and Performance Provisions
6. Overflow and Emergency Response Plan
7. Fat, Oils, and Grease Control Program
8. System Evaluation and Capacity Assurance Plan
9. Monitoring, Measurement, and Program Modifications
10. SSMP Program Audit and Certification
11. Communication Program
12. County and City Responsibilities

The City Council originally approved the Santa Clarita SSMP on May 26, 2009. City Council is being asked to re-certify the SSMP document to remain in compliance with the terms of the WDRs. City and County staff have made minor updates to the original SSMP, which include the addition of spreadsheets, revised contact information, and a schedule to video record sections of sewer pipes. Per the requirements of the WDRs, the City Manager or designee may approve minor administrative changes such as those listed in the cover sheet in the attached SSMP that do not have a financial impact with periodic recertification by City Council.

ALTERNATIVE ACTION

Other action as determined by City Council.

FISCAL IMPACT

There is no fiscal impact with this action.

ATTACHMENTS

Sanitary Sewer Management Plan 2014 (available in the City Clerk's Reading File)