

AGENDA
REGULAR CITY COUNCIL MEETING
COUNCIL CHAMBERS
5000 CLARK AVENUE
LAKEWOOD, CALIFORNIA

September 9, 2025

ADJOURNED MEETING:

Economic Development Strategic Plan Discussion

6:00 p.m.

EXECUTIVE BOARD ROOM

CALL TO ORDER

7:30 p.m.

INVOCATION: Pastor Candace Kelly, Acts Community Bible Church

PLEDGE OF ALLEGIANCE: Scout Troop 6925

ROLL CALL: Mayor Cassandra Chase
Vice Mayor Jeff Wood
Council Member David Arellano
Council Member Steve Croft
Council Member Todd Rogers

ANNOUNCEMENTS AND PRESENTATIONS:

Presentation by General Manager Tony Mendoza Regarding Artesia Cemetery District

PUBLIC COMMENT ON ITEMS IN THE AGENDA

ROUTINE ITEMS:

All items listed within this section of the agenda are considered to be routine and will be enacted by one motion without separate discussion. Any Member of Council may request an item be removed for individual discussion or further explanation. All items removed shall be considered immediately following action on the remaining items.

RI-1 MEETING MINUTES - It is recommended City Council approve Minutes of the Meetings held April 22, May 27, July 22, and August 26, 2025

RI-2 PERSONNEL TRANSACTIONS - It is recommended City Council approve report of personnel transactions.

RI-3 REGISTERS OF DEMANDS - It is recommended City Council approve registers of demands.

RI-4 CITY COUNCIL COMMITTEES' ACTIVITIES - It is recommended City Council receive and file the report.

RI-5 MEETING REPORTS AND AUTHORIZATIONS PURSUANT TO AB1234 - It is recommended City Council receive and file the report.

RI-6 MONTHLY REPORT OF INVESTMENT TRANSACTIONS - JULY 2025 - It is recommended City Council receive and file the report.

City Council Agenda

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ROUTINE ITEMS: - Continued

- RI-7 EXTENSION OF MEMORANDUM OF UNDERSTANDING FOR USE OF CITY OWNED PARCEL FOR FARMERS MARKET - It is recommended City Council approve the extension of the Memorandum of Understanding between the Operators and the City of Lakewood for a weekly farmers market.
- RI-8 RESOLUTION NO. 2025-55 AND RESOLUTION NO. 2025-56; AUTHORIZING CHANGES TO PARKING RESTRICTIONS ON INDUSTRY AVENUE, 36TH STREET, BIXBY ROAD AND COVER STREET - It is recommended City Council adopt the proposed resolution.
- RI-9 AGREEMENT AMENDMENT WITH ALL CITY MANAGEMENT SERVICES FOR CROSSING GUARD SERVICES - It is recommended that City Council authorize additional appropriation of \$45,000 from General Fund Reserves to FY 2025-2026 Budget for two (2) additional dedicated contract crossing guards, and approve agreement amendment with All City Management Services to increase number of dedicated crossing guards from 10 to 12 for remainder of term, through June 30, 2026, and authorize Mayor to sign agreement amendment in form approved by City Attorney.
- RI-10 SEWER SYSTEM MANAGEMENT PLAN UPDATE - It is recommended City Council approve and direct staff to submit the City's Sewer System Management Plan.

PUBLIC HEARINGS:

- 1.1 COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) PROGRAM CONSOLIDATED ANNUAL PERFORMANCE AND EVALUATION REPORT (CAPER) - It is recommended City Council hold a public hearing to solicit citizen comments on the City's Consolidated Annual Performance and Evaluation Report for fiscal year July 1, 2024 through June 30, 2025, and direct staff to take into consideration all comments received and submit those comments, if any, along with the CAPER to the local HUD office.

REPORTS:

- 3.1 LAKEWOOD BOULEVARD – PAVING CHANGE ORDER AND WILLDAN PROPOSAL - It is recommended that City Council increase appropriation of special restricted SB1 (RMRA) funds toward project in amount of \$1,727,802; increase appropriation of special restricted Proposition C funds toward project in amount of \$1,000,938; authorize staff to approve change order for inclusion of Lakewood Boulevard in amount of \$2,315,740; authorize staff to approve change order for inclusion of ten (10) speed feedback signs in amount of \$100,000; authorize staff to approve change order for inclusion of raised median modifications at intersection of Carson Street and Obispo Avenue in amount of \$21,000; and increase project contingency by additional \$275,000 for total of \$2,275,000.
- 3.2 FALL/WINTER RECREATION PROGRAMS AND EVENTS – It is recommended City Council receive and file the report.

AGENDA

LAKEWOOD HOUSING SUCCESSOR AGENCY

1. REGISTER OF DEMANDS - It is recommended Housing Successor Agency approve registers of demands.

ORAL COMMUNICATIONS:

City Council Agenda

September 9, 2025

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CLOSED SESSION:

PUBLIC EMPLOYEE PERFORMANCE EVALUATION, Pursuant to Government Code §54957

Title: City Manager

ADJOURNMENT

In compliance with the Americans with Disabilities Act, if you are a qualified individual with a disability and need an accommodation to participate in the City Council meeting, please contact the City Clerk's Office, 5050 Clark Avenue, Lakewood, CA, at 562/866-9771, ext. 2200; or at cityclerk@lakewoodca.gov at least 48 hours in advance to ensure that reasonable arrangements can be made to provide accessibility to the meeting.

Agenda items are on file in the Office of the City Clerk, 5050 Clark Avenue, Lakewood, and are available for public review during regular business hours. Any supplemental material distributed after the posting of the agenda will be made available for public inspection during normal business hours in the City Clerk's Office. For your convenience, the agenda and the supporting documents are available in an alternate format by request and are also posted on the City's website at www.lakewoodca.gov

Routine Items



Routine Item 1 – City Council Minutes
will be available prior to the meeting.

D I V I D E R S H E E T

COUNCIL AGENDA

September 09, 2025

TO: The Honorable Mayor and City Council**SUBJECT:** Report of Personnel Transactions

	<u>Name</u>	<u>Title</u>	<u>Schedule</u>	<u>Effective Date</u>
1. FULL-TIME EMPLOYEES				
A. Appointments				
	Alexa Narez	Administrative Clerk	08A	08/18/2025
B. Changes				
	None			
C. Separations				
	Sue Lane	Senior Water Utility Worker	17A	08/29/2025
	Frank Spiegel	Facilities Maintenance Supervisor	27B	08/28/2025
PART-TIME EMPLOYEES				
A. Appointments				
	Johnny Lopez	Maintenance Services Aide IV	B	09/02/2025
	Anthony Perez Perez	Public Safety Officer I	B	09/02/2025
	Jonathan Roush	Maintenance Trainee I	B	08/18/2025
B. Changes				
	Brandon Demaria	Audio Visual Associate III	B to	
		Audio Visual Associate IV	B	08/03/2025
C. Separations				
	Rhiannon Anderson	Maintenance Trainee II	B	08/29/2025
	Alexander Emerson	Maintenance Trainee I	B	08/15/2025
	Alexis Espinoza	Parking Enforcement Technician I	B	08/12/2025



Thaddeus McCormack
City Manager

DIVIDER SHEET

**CITY OF LAKEWOOD
SUMMARY ACH/WIRE REGISTER JULY 2025**

ACH date	Amount	Recipient	Purpose	Period
7/2/25	\$137,405.45	CalPERS	Payroll - Retirement Plan	Jun 8-21, 2025
7/2/25	\$1,449.29	CalPERS	Payroll - Retirement Plan	July 2025
7/8/25	\$2,000,000.00	CAMP	City Investment Deposit	July 2025
7/9/25	\$814,139.91	Various	Employee Payroll	Jun 22-Jul 5, 2025
7/9/25	\$137,805.11	IRS via F&M	Payroll - Federal Taxes	Jun 22-Jul 5, 2025
7/10/25	\$39,049.75	EDD	Payroll - State Taxes	Jun 22-Jul 5, 2025
7/10/25	\$140,209.05	CalPERS	Employee Medical Premiums	July 2025
7/23/25	\$814,847.65	Various	Employee Payroll	Jul 6-19, 2025
7/23/25	\$134,248.01	IRS via F&M	Payroll - Federal Taxes	Jul 6-19, 2025
7/24/25	\$37,099.95	EDD	Payroll - State Taxes	Jul 6-19, 2025
7/24/25	\$2,700,000.00	CAMP	City Investment Deposit	July 2025
7/28/25	\$253,333.00	CalPERS	Payroll-UAL	July 2025

Council Approval

Date

City Manager

Attest:

City Clerk

Director of Finance & Administrative Services

**CITY OF LAKEWOOD
FUND SUMMARY 8/07/2025**

In accordance with section 2521 of the Lakewood Municipal Code, presented herewith is a summary of obligations to be paid by the City of Lakewood. Each of the following demands has been audited by the Director of Finance and Administrative Services and approved by the City Manager.

1010	GENERAL FUND	341,010.33
1500	MISC-SPECIAL REVENUE FUND	12,038.35
3060	PROPOSITION "A"	6,000.00
3070	PROPOSITION "C"	1,941.95
5010	GRAPHICS AND COPY CENTER	0.62
5020	CENTRAL STORES	4,726.70
5030	FLEET MAINTENANCE	195,148.36
7500	WATER UTILITY FUND	53,022.64
8020	LOCAL REHAB LOAN	1,507.66
8030	TRUST DEPOSIT	100.00
		615,496.61

Council Approval

Date

City Manager

Attest

City Clerk

Director of Finance and Administrative Services

CITY OF LAKEWOOD SUMMARY CHECK/EFT REGISTER

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/07/2025	PERRIS FENCE & SUPPLY	22,335.81
08/07/2025	MNRO HOLDINGS LLC	368.17
08/07/2025	CERRITOS, CITY OF	40,122.27
08/07/2025	CINTAS CORPORATION	378.84
08/07/2025	CAMERON WELDING SUPPLY	236.09
08/07/2025	EMPLOYMENT DEVELOPMENT DEPT	21,052.00
08/07/2025	EUROFINS EATON ANALYTICAL LLC	472.00
08/07/2025	GALLS PARENT HOLDINGS LLC	121.28
08/07/2025	HOME DEPOT	475.03
08/07/2025	HORIZON MECHANICAL CONTRACTORS	6,726.22
08/07/2025	KNORR SYSTEMS INC	270.13
08/07/2025	LESLIE'S POOLMART INC	61.09
08/07/2025	LOS ANGELES CO SHERIFFS DEPT	16,923.09
08/07/2025	MARTIN MARIETTA MATERIALS INC	235.00
08/07/2025	NSWC MECHANICAL SERVICE LLC	3,004.00
08/07/2025	US BANCORP ASSET MANAGEMENT INC	3,151.24
08/07/2025	SHARP ELECTRONICS CORPORATION	8,508.58
08/07/2025	SITEONE LANDSCAPE SUPPLY LLC	1,094.77
08/07/2025	SMART & FINAL INC	846.99
08/07/2025	SOUTHERN CALIFORNIA EDISON CO	88,279.40
08/07/2025	SOUTHLAND INDUSTRIES	2,467.61
08/07/2025	SUNBELT RENTALS INC	1,656.68
08/07/2025	TOP HAT BALLOON WERKS LLC	1,001.07
08/07/2025	U S BANK	5,700.00
08/07/2025	MB OLIVER INC	1,920.00
08/07/2025	STEARNS CONRAD & SCHMIDT CONSLT ENG	1,480.00
08/07/2025	ACTUARIAL RETIREMENT CONSULTING LLC	750.00
08/07/2025	HEALTH AND HUMAN RESOURCES CENTER INC	294.84
08/07/2025	AGRI-TURF DISTRIBUTING	1,786.34
08/07/2025	COASTAL OCCUPATIONAL MEDICAL GROUP	60.00
08/07/2025	ALLIED REFRIGERATION INC	100.39
08/07/2025	AMAZON CAPITAL SERVICES INC	250.73
08/07/2025	AMERICAN INTERNATIONAL GROUP INC	334.90
08/07/2025	ARC DOCUMENT SOLUTIONS LLC	190.50
08/07/2025	B & H FOTO & ELECTRONICS CORP	389.98
08/07/2025	RODRIGUEZ BRIAN	2,171.88
08/07/2025	BIOMETRICS4ALL INC	8.25
08/07/2025	CAL STATE AUTO PARTS INC	315.33
08/07/2025	CINTAS CORPORATION	30.00
08/07/2025	CINTAS CORPORATION	190.08
08/07/2025	COLOR CARD ADMINISTRATOR CORP	37.54
08/07/2025	DELTA DENTAL INSURANCE COMPANY	836.80
08/07/2025	DELTA DENTAL OF CALIFORNIA	8,604.20
08/07/2025	DURHAM SCHOOL SERVICES LP	2,949.18

CITY OF LAKEWOOD SUMMARY CHECK/EFT REGISTER

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/07/2025	EUROFINS EATON ANALYTICAL LLC	570.00
08/07/2025	EUROFINS EATON ANALYTICAL LLC	1,220.00
08/07/2025	FERGUSON ENTERPRISES INC	6,916.45
08/07/2025	GANAHL LUMBER COMPANY	338.82
08/07/2025	GIACHELLO, LENNY	497.25
08/07/2025	HARA M LAWNMOWER CENTER	597.47
08/07/2025	HDL COREN & CONE	6,323.74
08/07/2025	HOME DEPOT	2,139.98
08/07/2025	LAKEWOOD, CITY OF	100.00
08/07/2025	LOMBERA, RICKY	1,250.00
08/07/2025	LOPEZ VAN METER KARLA	503.75
08/07/2025	MAINTEX INC	1,095.72
08/07/2025	LEON MANUEL	1,160.00
08/07/2025	PULLMAN, GARY	725.00
08/07/2025	SANCHEZ, EUGENE	250.00
08/07/2025	DK - SANDLER BROTHERS	160.01
08/07/2025	SCELZI ENTERPRISES INC	2,762.00
08/07/2025	SITEONE LANDSCAPE SUPPLY LLC	1,110.52
08/07/2025	SMART & FINAL INC	1,847.00
08/07/2025	SOURCE NORTH AMERICA CORP	986.47
08/07/2025	SOUTHERN CALIFORNIA EDISON CO	585.88
08/07/2025	SYKAHUA TEMUJIN	247.00
08/07/2025	T-MOBILE USA INC	470.20
08/07/2025	WESTERN EXTERMINATOR COMPANY	879.01
08/07/2025	TGIS CATERING SVCS INC	4,978.00
08/07/2025	THEODORE ROBINS INC	188,083.67
08/07/2025	THURSTON ELEVATOR CONCEPTS INC	152.00
08/07/2025	TRANSAMERICA LIFE INSURANCE COMPANY	1,038.19
08/07/2025	U S BANK	2,600.00
08/07/2025	URBAN CONSTRUCTION AND DESIGN SOLUTIONS	30,000.04
08/07/2025	CELLCO PARTNERSHIP	1,945.50
08/07/2025	VISION SERVICE PLAN	4,430.76
08/07/2025	WATER SYSTEM SERVICES LLC	195.00
08/07/2025	WAXIE ENTERPRISES INC	1,684.52
08/07/2025	WESTERN EXTERMINATOR CO	172.94
08/07/2025	KNEPP, KAY	90.00
08/07/2025	LOPEZ, RUTH	169.62
08/07/2025	PREMIUM TERMITE & PEST CONTROL	987.00
08/07/2025	UDINK, MATTHEW	520.66
08/07/2025	ADRIANA Y LOPEZ	11,960.00

**CITY OF LAKEWOOD
SUMMARY CHECK/EFT REGISTER**

<u>CHECK/EFT DATE</u>	<u>VENDOR NAME</u>	<u>CHECK/EFT AMOUNT</u>
08/07/2025	LIFTECH ELEVATOR SERVICES INC	5,150.00
08/07/2025	COMPREHENSIVE PRINT GROUP LLC	13,052.56
08/07/2025	BOWEN TIMOTHY	4,686.50
08/07/2025	CALIF JOINT POWERS INS AUTHORITY	13,677.00
08/07/2025	D&J INTERNATIONAL INC	798.36
08/07/2025	KICK IT UP KIDZ LLC	3,914.95
08/07/2025	KILEY GREGORY THOMAS	3,750.00
08/07/2025	LOS ANGELES REGIONAL INTEROPERABLE	200.00
08/07/2025	ALATORRE LORINE	10,980.00
08/07/2025	O'REILLY AUTOMOTIVE STORES INC	587.13
08/07/2025	READWRITE EDUCATIONAL SOLUTIONS INC	1,133.60
08/07/2025	SIGNAL HILL AUTO ENTERPRISES INC	331.50
08/07/2025	TUMBLE-N-KIDS INC	21,138.00
08/07/2025	UNDERGROUND SERVICE ALERT	1,424.54
08/07/2025	WILLIAMS TORRE	4,740.00
	Total:	615,496.61

**CITY OF LAKEWOOD
FUND SUMMARY 8/14/2025**

In accordance with section 2521 of the Lakewood Municipal Code, presented herewith is a summary of obligations to be paid by the City of Lakewood. Each of the following demands has been audited by the Director of Finance and Administrative Services and approved by the City Manager.

1010	GENERAL FUND	589,435.33
1500	MISC-SPECIAL REVENUE FUND	37.54
1622	LA CNTY MEASURE M	25,376.00
1623	LA CNTY MEASURE W-REGIONAL	949.92
3001	CAPITAL IMPROV PROJECT FUND	6,250.00
3070	PROPOSITION "C"	1,220.96
5010	GRAPHICS AND COPY CENTER	789.62
5020	CENTRAL STORES	7,887.79
5030	FLEET MAINTENANCE	12,117.61
7500	WATER UTILITY FUND	39,653.07
8030	TRUST DEPOSIT	849.30
		684,567.14

Council Approval

Date

City Manager

Attest

City Clerk

Director of Finance and Administrative Services

CITY OF LAKEWOOD SUMMARY CHECK/EFT REGISTER

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/14/2025	AMAZON CAPITAL SERVICES INC	121.30
08/14/2025	BEAR COMMUNICATIONS INC	9,849.96
08/14/2025	TWO SHELLS ENTERPRISES INC	84.00
08/14/2025	MANHATTAN STITCHING CO INC	1,230.51
08/14/2025	GRAINGER W W INC	132.64
08/14/2025	GREEN WISE SOIL TECHNOLOGIES	1,102.50
08/14/2025	HOSE-MAN THE	173.21
08/14/2025	LAGERLOF. LLP	45.00
08/14/2025	LOS ANGELES CO SHERIFFS DEPT	11,504.37
08/14/2025	ORIGINAL WATERMEN INC	3,339.74
08/14/2025	SHAW & SONS INC	39,837.30
08/14/2025	STEIN. ANDREW T	658.30
08/14/2025	SUNNY HILLS ASSOCIATES	1,232.00
08/14/2025	WELLS C. PIPELINE MATERIALS	3,875.86
08/14/2025	WEST COAST ARBORISTS INC	123,208.20
08/14/2025	WILLDAN ASSOCIATES	2,308.00
08/14/2025	WYNN. LAKYN	136.50
08/14/2025	JILK. NATHANIEL	299.93
08/14/2025	AGRI-TURF DISTRIBUTING	3,381.05
08/14/2025	ALLIANT INSURANCE SERVICES	329.00
08/14/2025	AMAZON CAPITAL SERVICES INC	1,700.31
08/14/2025	ROSS AVIATION INVESTMENT LLC	3,449.96
08/14/2025	N. HARRIS COMPUTER CORPORATION	35,446.62
08/14/2025	B & H FOTO & ELECTRONICS CORP	4,886.05
08/14/2025	B&M LAWN AND GARDEN INC	55.99
08/14/2025	BACKFLOW APPARATUS & VALUE COMPANY	2,051.99
08/14/2025	BEAR COMMUNICATIONS INC	733.79
08/14/2025	BEGINNERS EDGE SPORTS TRAINING LLC	4,976.40
08/14/2025	TWO SHELLS ENTERPRISES INC	144.00
08/14/2025	CAL STATE AUTO PARTS INC	408.91
08/14/2025	CALIF. STATE DISBURSEMENT UNIT	215.74
08/14/2025	CALIFORNIA CONTRACT CITIES ASN	775.00
08/14/2025	CALIFORNIA. STATE OF	225.00
08/14/2025	LONG BEACH LINCOLN MERCURY INC	236.00
08/14/2025	CINTAS CORPORATION	156.00
08/14/2025	CINTAS CORPORATION	190.08
08/14/2025	CAMERON WELDING SUPPLY	380.62
08/14/2025	COLOR CARD ADMINISTRATOR CORP	75.08
08/14/2025	COMPLETE FIRE SERVICE INC	6,086.20
08/14/2025	COUCH. RON JR	240.00
08/14/2025	DE LAGE LANDEN FINANCIAL SERVICES	789.62
08/14/2025	DURHAM SCHOOL SERVICES LP	4,590.08
08/14/2025	EWING IRRIGATION PRODUCTS INC	997.77
08/14/2025	FAIRWAY FORD SALES INC	98,885.30

CITY OF LAKEWOOD SUMMARY CHECK/EFT REGISTER

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/14/2025	FRONTIER CALIFORNIA INC	2,032.25
08/14/2025	HARA M LAWNMOWER CENTER	144.20
08/14/2025	HASS. BARBARA	1,462.50
08/14/2025	HOME DEPOT	1,976.72
08/14/2025	LAKEWOOD. CITY OF	100.00
08/14/2025	LONG BEACH CITY GAS & WATER DEPT	512.37
08/14/2025	LOS ANGELES CO DEPT OF HEALTH SVCS	1,243.00
08/14/2025	MAINTEX INC	473.60
08/14/2025	MILLER DON & SONS	504.51
08/14/2025	NADA BUS INC	1,605.00
08/14/2025	NAGY KAREN	300.00
08/14/2025	ODP BUSINESS SOLUTIONS LLC	80.62
08/14/2025	FORREST L STORY	750.00
08/14/2025	SALCEDA LUIS	220.00
08/14/2025	SITEONE LANDSCAPE SUPPLY LLC	719.13
08/14/2025	SKYHAWKS SPORTS ACADEMY LLC	737.10
08/14/2025	SMART & FINAL INC	1,327.42
08/14/2025	MWB COPY PRODUCTS INC	116.03
08/14/2025	SOUTHERN CALIFORNIA EDISON CO	30,423.95
08/14/2025	CHARTER COMMUNICATIONS HOLDINGS LLC	6,071.39
08/14/2025	STANDARD INSURANCE CO UNIT 22	11,837.57
08/14/2025	SYKAHUA TEMUJIN	123.50
08/14/2025	T2 SYSTEMS INC	95.00
08/14/2025	URBAN CONSTRUCTION AND DESIGN SOLUTIONS	74,879.89
08/14/2025	WAXIE ENTERPRISES INC	1,904.12
08/14/2025	WELLS C. PIPELINE MATERIALS	652.50
08/14/2025	WESTERN EXTERMINATOR CO	414.46
08/14/2025	ZUMAR INDUSTRIES INC	475.88
08/14/2025	CENDEJAS. KARINA	250.00
08/14/2025	GOEKU. RYU	1,389.28
08/14/2025	KINTSLER. CHARLES	618.37
08/14/2025	PHAIRAS, MATT	3,000.00
08/14/2025	MOSES-CALDERA, ISABEL	1,744.61
08/14/2025	RUIZ CONCRETE & PAVING INC	25,376.00
08/14/2025	S & J SUPPLY CO	889.23
08/14/2025	SO CALIF SECURITY CENTERS INC	65.85
08/14/2025	SPASEFF TED C	240.00
08/14/2025	THE TECHNOLOGY DEPOT	744.29
08/14/2025	TUMBLE-N-KIDS INC	4,524.00
08/14/2025	U S BANK PARS ACCT #6746022500	4,427.30
08/14/2025	U S BANK PARS ACCT #6746022500	3,425.00
08/14/2025	VOYA	60,268.68
08/14/2025	WAMBA, DIANE B	339.30
08/14/2025	WATERLINE TECHNOLOGIES INC	2,855.32

**CITY OF LAKEWOOD
SUMMARY CHECK/EFT REGISTER**

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/14/2025	MB OLIVER INC	2,560.00
08/14/2025	JMG SECURITY SYSTEMS INC	1,645.30
08/14/2025	PHASE II SYSTEMS INC	3,016.39
08/14/2025	THE TECHNOLOGY DEPOT	436.25
08/14/2025	WESTERN WATER WORKS SUPPLY CO	582.11
08/14/2025	BIG STUDIO INC	2,427.40
08/14/2025	BROWN, BONNIE	282.75
08/14/2025	FONTELA, THAO	3,214.90
08/14/2025	GLASBY MAINTENANCE SUPPLY CO	254.72
08/14/2025	GONSALVES JOE A & SON	9,504.00
08/14/2025	HELI-MOBILE SERVICES INC	20,012.81
08/14/2025	KICK IT UP KIDZ LLC	568.75
08/14/2025	MAGIC JUMP RENTALS INC	734.80
08/14/2025	ALVAREZ DESI	6,250.00
08/14/2025	MIDAMERICA ADMIN & RETIREMENT	11,191.14
	Total:	684,567.14

**CITY OF LAKEWOOD
FUND SUMMARY 8/21/2025**

In accordance with section 2521 of the Lakewood Municipal Code, presented herewith is a summary of obligations to be paid by the City of Lakewood. Each of the following demands has been audited by the Director of Finance and Administrative Services and approved by the City Manager.

1010	GENERAL FUND	2,109,428.76
1030	CDBG CURRENT YEAR	1,583.32
1336	STATE COPS GRANT	16,666.66
1622	LA CNTY MEASURE M	2,690.50
3015	ROAD MAINTC & REHAB ACCT	5,050.00
3070	PROPOSITION "C"	1,126.32
5010	GRAPHICS AND COPY CENTER	134.26
5020	CENTRAL STORES	2,935.04
5030	FLEET MAINTENANCE	29,249.40
7500	WATER UTILITY FUND	25,297.42
8020	LOCAL REHAB LOAN	8,029.00
8030	TRUST DEPOSIT	36,541.36
8070	JPA STATION CITIES	221,620.00
		2,460,352.04

Council Approval

Date

City Manager

Attest

City Clerk

Director of Finance and Administrative Services

CITY OF LAKEWOOD SUMMARY CHECK/EFT REGISTER

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/21/2025	ARDURRA GROUP INC	1,640.00
08/21/2025	MANHATTAN STITCHING CO INC	1,657.73
08/21/2025	DEARK E&C INC	171,402.32
08/21/2025	ECOBRITE SERVICES LLC	851.42
08/21/2025	EUROFINS EATON ANALYTICAL LLC	3,050.00
08/21/2025	FRONTIER CALIFORNIA INC	2,038.49
08/21/2025	HOME DEPOT	367.59
08/21/2025	LOS ANGELES CO SHERIFFS DEPT	1,182,507.07
08/21/2025	NATIONAL OFFICE LIQUIDATORS LLC	2,185.62
08/21/2025	STEIN, ANDREW T	2,703.06
08/21/2025	WAXIE ENTERPRISES INC	683.11
08/21/2025	ALAN'S LAWN AND GARDEN CENTER INC	831.45
08/21/2025	AMAZON CAPITAL SERVICES INC	758.48
08/21/2025	ARDURRA GROUP INC	4,120.50
08/21/2025	AT&T ENTERPRISES LLC	302.99
08/21/2025	AWWA CA-NV SECTION	1,008.00
08/21/2025	B & H FOTO & ELECTRONICS CORP	2,318.78
08/21/2025	BERG, APRIL	1,205.75
08/21/2025	BRIZUELA XOCHITL	292.50
08/21/2025	CAL STATE AUTO PARTS INC	40.73
08/21/2025	CHICAGO TITLE CO	258.00
08/21/2025	CINTAS CORPORATION	83.77
08/21/2025	BRAGG INVESTMENT COMPANY INC	5,798.93
08/21/2025	COMMUNITY FAMILY GUIDANCE CTR	916.66
08/21/2025	CUOMO, BIAGIO	42.00
08/21/2025	CUOMO, BIAGIO	134.26
08/21/2025	DATA TICKET INC	200.00
08/21/2025	DICKSON R F CO INC	50,858.72
08/21/2025	EWING IRRIGATION PRODUCTS INC	101.85
08/21/2025	FBA ENGINEERING	1,000.00
08/21/2025	BRUCE E MIHELICH INC	576.46
08/21/2025	GOLDEN STATE WATER COMPANY	23,745.84
08/21/2025	HARA M LAWNMOWER CENTER	303.88
08/21/2025	HOME DEPOT	955.45
08/21/2025	JONES RICHARD D. A PROF LAW CORP	17,752.50
08/21/2025	LAKEWOOD, CITY OF	100.00
08/21/2025	LIEBERT CASSIDY WHITMORE	9,693.10
08/21/2025	MAINTEX INC	618.36
08/21/2025	LEON MANUEL	1,270.00
08/21/2025	ODP BUSINESS SOLUTIONS LLC	532.60
08/21/2025	SECTRA SECURITY INC	237.18
08/21/2025	SERVICEWEAR APPAREL INC	223.04
08/21/2025	SHAW & SONS INC	6,756.15
08/21/2025	SITEONE LANDSCAPE SUPPLY LLC	1,098.47

CITY OF LAKEWOOD SUMMARY CHECK/EFT REGISTER

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/21/2025	SKYHAWKS SPORTS ACADEMY LLC	1,737.45
08/21/2025	SOUTHERN CALIFORNIA EDISON CO	21,167.66
08/21/2025	SOUTHERN CALIFORNIA GAS CO	6,098.17
08/21/2025	SOUTHWEST PATROL INC	221,620.00
08/21/2025	STOVER SEED COMPANY	185.76
08/21/2025	SYKAHUA TEMUJIN	370.50
08/21/2025	T2 SYSTEMS INC	3,575.64
08/21/2025	VARSITY BRANDS HOLDING CO INC	163.76
08/21/2025	WATER SYSTEM SERVICES LLC	195.00
08/21/2025	YOUTH EVOLUTION ACTIVITIES	520.65
08/21/2025	BROWN, YOLANDA	250.00
08/21/2025	CANTU ELECTRIC LLC	5,600.00
08/21/2025	CIC	36.00
08/21/2025	KHOM. SOKHEN	240.00
08/21/2025	PHAM. ELLEN	100.00
08/21/2025	PREMIUM TERMITE & PEST CONTROL	2,235.00
08/21/2025	RIOS, YVETTE	250.00
08/21/2025	MIDAMERICA ADMIN & RETIREMENT	796.00
08/21/2025	ANTHONY, LORRAINE	125.00
08/21/2025	ADVANCED AVANT GARDE INC	1,015.00
08/21/2025	BUCKNAM PETER JOSEPH	5,050.00
08/21/2025	EDCO WASTE SERVICES LLC	631,649.17
08/21/2025	KICK IT UP KIDZ LLC	737.10
08/21/2025	LIFTECH ELEVATOR SERVICES INC	984.00
08/21/2025	MERRIMAC PETROLEUM INC	20,151.54
08/21/2025	MIDAMERICA ADMIN & RETIREMENT	25,887.15
08/21/2025	O'REILLY AUTOMOTIVE STORES INC	1,842.97
08/21/2025	PATHWAYS VOLUNTEER HOSPICE	666.66
08/21/2025	SIGNAL HILL AUTO ENTERPRISES INC	331.50
08/21/2025	SO CALIF SECURITY CENTERS INC	66.81
08/21/2025	TETRA TECH INC	945.00
08/21/2025	THE TECHNOLOGY DEPOT	2,067.74
08/21/2025	WYNN, LAKYN	468.00
Total:		2,460,352.04

**CITY OF LAKEWOOD
FUND SUMMARY 8/28/2025**

In accordance with section 2521 of the Lakewood Municipal Code, presented herewith is a summary of obligations to be paid by the City of Lakewood. Each of the following demands has been audited by the Director of Finance and Administrative Services and approved by the City Manager.

1010	GENERAL FUND	1,224,605.77
1030	CDBG CURRENT YEAR	1,000.00
1630	USED OIL GRANT	181.10
1640	BEV CONTAINER REC GRANT	234.00
3060	PROPOSITION "A"	92,386.03
3070	PROPOSITION "C"	79.50
5010	GRAPHICS AND COPY CENTER	483.59
5020	CENTRAL STORES	4,347.05
5030	FLEET MAINTENANCE	10,091.10
7500	WATER UTILITY FUND	2,383,422.50
8030	TRUST DEPOSIT	2,210.58
		3,719,041.22

Council Approval

Date

City Manager

Attest

City Clerk

Director of Finance and Administrative Services

CITY OF LAKEWOOD SUMMARY CHECK/EFT REGISTER

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/28/2025	AQUATIC DESIGN GROUP	4,626.00
08/28/2025	GRAINGER W W INC	517.98
08/28/2025	HOME DEPOT	161.82
08/28/2025	HORIZON MECHANICAL CONTRACTORS	1,117.23
08/28/2025	LAKEWOOD ROTARY CLUB	111.00
08/28/2025	LAKEWOOD ROTARY CLUB	191.00
08/28/2025	LAKEWOOD ROTARY CLUB	153.00
08/28/2025	LAKEWOOD ROTARY CLUB	286.00
08/28/2025	LAKEWOOD ROTARY CLUB	148.00
08/28/2025	LONG BEACH PUBLIC TRANSPORTATION CO	29,208.00
08/28/2025	LA COUNTY DEPT OF PUBLIC WORKS	99,937.38
08/28/2025	EDSON JAMES T	2,356.42
08/28/2025	SOUTHERN CALIFORNIA GAS CO	268.63
08/28/2025	U S BANK NATIONAL ASSOCIATION	230.18
08/28/2025	WESTERN EXTERMINATOR CO	88.14
08/28/2025	ABRUSCATO, DIANA	650.00
08/28/2025	AGRI-TURF DISTRIBUTING	753.10
08/28/2025	COASTAL OCCUPATIONAL MEDICAL GROUP	90.00
08/28/2025	ALLIED REFRIGERATION INC	1,173.59
08/28/2025	AMAZON CAPITAL SERVICES INC	902.47
08/28/2025	ARC DOCUMENT SOLUTIONS LLC	450.61
08/28/2025	B&M LAWN AND GARDEN INC	188.37
08/28/2025	BEAR COMMUNICATIONS INC	348.08
08/28/2025	BRENNTAG PACIFIC INC	5,152.29
08/28/2025	BRIZUELA XOCHITL	890.50
08/28/2025	CAL STATE AUTO PARTS INC	47.61
08/28/2025	CALIF. STATE DISBURSEMENT UNIT	543.78
08/28/2025	CALIFORNIA CONTRACT CITIES ASN	200.00
08/28/2025	CALIFORNIA STATE DEPT OF JUSTICE	32.00
08/28/2025	CENTURY INDUSTRIES LLC	3,604.57
08/28/2025	CINTAS CORPORATION	72.23
08/28/2025	CINTAS CORPORATION	190.08
08/28/2025	CAMERON WELDING SUPPLY	167.79
08/28/2025	COLOR CARD ADMINISTRATOR CORP	37.54
08/28/2025	CORELOGIC INC	35.75
08/28/2025	CUOMO, BIAGIO	21.00
08/28/2025	DANIEL'S TIRE SERVICE INC	163.15
08/28/2025	DIRECTV INC	40.00
08/28/2025	DUNRITE PEST CONTROL INC	490.00
08/28/2025	DURHAM SCHOOL SERVICES LP	3,312.43
08/28/2025	EEC ACQUISITION LLC	855.22
08/28/2025	EWING IRRIGATION PRODUCTS INC	1,145.74
08/28/2025	FLUE STEAM INC	241.00
08/28/2025	BRUCE E MIHELICH INC	2,322.87

CITY OF LAKEWOOD

SUMMARY CHECK/EFT REGISTER

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/28/2025	GARIBALDO'S NURSERY	455.81
08/28/2025	GLOBAL MUSIC RIGHTS LLC	850.00
08/28/2025	GRAINGER W W INC	548.05
08/28/2025	HARA M LAWNMOWER CENTER	380.01
08/28/2025	HERMAN, LINDA	275.00
08/28/2025	HOME DEPOT	1,410.38
08/28/2025	HUGHES NETWORK SYSTEMS LLC	79.99
08/28/2025	HUMAN SERVICES ASSOCIATION	1,000.00
08/28/2025	INFINITY TECHNOLOGIES	34,696.00
08/28/2025	INFOSEND INC	7,406.92
08/28/2025	LAKEWOOD, CITY OF	100.00
08/28/2025	LANDSCAPE FORMS INC	63,178.03
08/28/2025	PBK ARCHITECTS INC	36,781.50
08/28/2025	LONG BEACH, CITY OF	1,250.03
08/28/2025	LOS ANGELES CO SHERIFFS DEPT	18,126.05
08/28/2025	MAINTEX INC	284.16
08/28/2025	MANERI TRAFFIC CONTROL INC	446.90
08/28/2025	MATHESON TRI-GAS INC	169.61
08/28/2025	MC ENROE, BARBARA	676.00
08/28/2025	NADA BUS INC	1,265.00
08/28/2025	GENUINE PARTS COMPANY	219.27
08/28/2025	SR BRAY LLC	125.00
08/28/2025	S & S WORLDWIDE	770.24
08/28/2025	SCMAF OFFICE	770.00
08/28/2025	SERVICEWEAR APPAREL INC	5,139.10
08/28/2025	SITEONE LANDSCAPE SUPPLY LLC	89.92
08/28/2025	SMART & FINAL INC	864.46
08/28/2025	SOLID SURFACE CARE INC	3,272.25
08/28/2025	SOUTH COAST AOMD	1,640.33
08/28/2025	SOUTH COAST SHINGLE CO	1,799.63
08/28/2025	SOUTHERN CALIFORNIA EDISON CO	79,901.76
08/28/2025	SOUTHLAND INDUSTRIES	556,219.34
08/28/2025	STANDARD INSURANCE CO UNIT 22	2,029.90
08/28/2025	MANCE, MIKE J	46.58
08/28/2025	SYKAHUA TEMUJIN	299.00
08/28/2025	T2 SYSTEMS INC	28,656.94
08/28/2025	TGIS CATERING SVCS INC	48.00
08/28/2025	THE RINKS-LAKEWOOD ICE	1,029.60
08/28/2025	TURF STAR	1,463.91
08/28/2025	TYLER TECHNOLOGIES MUNIS DIVISION	190,426.09
08/28/2025	U S BANK NATIONAL ASSOCIATION	65,480.38
08/28/2025	URBAN CONSTRUCTION AND DESIGN SOLUTIONS	26,187.00
08/28/2025	VARSITY BRANDS HOLDING CO INC	179.02
08/28/2025	WATANABE, BRYCE	1,383.20

CITY OF LAKEWOOD SUMMARY CHECK/EFT REGISTER

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/28/2025	WAXIE ENTERPRISES INC	869.41
08/28/2025	YBARRA, ALBERT JR	1,025.00
08/28/2025	CACERES, ANA	250.00
08/28/2025	IPERMITTS	129.87
08/28/2025	JAGHLASSIAN, MIHRAN	320.00
08/28/2025	LEE, RICHARD	300.00
08/28/2025	NICHOLSON, STEPHEN	300.00
08/28/2025	SANCHEZ, ISIS	40.00
08/28/2025	GARIBALDO'S NURSERY	1,314.95
08/28/2025	PETTY CASH/ ANDREW CAMACHO	1,660.75
08/28/2025	JMG SECURITY SYSTEMS INC	27,414.62
08/28/2025	WATER REPLENISHMENT DISTRICT OF	2,286,384.00
08/28/2025	SHAKER NERMINE	1,925.00
08/28/2025	CHRISTIAN JAMES	568.75
08/28/2025	COVENANT SALES GROUP	137.50
08/28/2025	FRANCO, CELESTE	2,554.00
08/28/2025	KICK IT UP KIDZ LLC	982.80
08/28/2025	LAKEWOOD CITY EMPLOYEE ASSOCIATION	2,550.00
08/28/2025	LAKEWOOD EDUCATION FOUNDATION	2,500.00
08/28/2025	MARKLEY, ELIZABETH	380.25
08/28/2025	MIDAMERICA ADMIN & RETIREMENT	9,682.01
08/28/2025	O'REILLY AUTOMOTIVE STORES INC	684.45
08/28/2025	PADILLA, ANTHONY	196.68
08/28/2025	READWRITE EDUCATIONAL SOLUTIONS INC	283.40
08/28/2025	SIEGEL, THEODORE	150.00
08/28/2025	SIERRA INSTALLATIONS INC	7,892.50
08/28/2025	SIGNAL HILL AUTO ENTERPRISES INC	497.25
08/28/2025	SO CALIF SECURITY CENTERS INC	64.37
08/28/2025	TERRA REALTY ADVISORS INC	293.34
08/28/2025	THE HITT COMPANIES	71.85
08/28/2025	U S BANK PARS ACCT #6746022500	7,854.74
08/28/2025	VOYA	58,820.82
Total:		3,719,041.22

**CITY OF LAKEWOOD
SUMMARY ACH/WIRE REGISTER AUGUST 2025**

ACH date	Amount	Recipient	Purpose	Period
8/1/25	\$144,314.35	CalPERS	Payroll - Retirement Plan	Jun 22-Jul 5, 2025
8/6/25	\$810,039.91	Various	Employee Payroll	Jul 20-Aug 2, 2025
8/6/25	\$134,422.56	IRS via F&M	Payroll - Federal Taxes	Jul 20-Aug 2, 2025
8/7/25	\$37,503.29	EDD	Payroll - State Taxes	Jul 20-Aug 2, 2025
8/7/25	\$140,643.15	CalPERS	Employee Medical Premiums	August 2025
8/19/25	\$145,169.12	CalPERS	Payroll - Retirement Plan	Jul 6-19, 2025
8/20/25	\$791,905.44	Various	Employee Payroll	Aug 3-16, 2025
8/20/25	\$132,783.76	IRS via F&M	Payroll - Federal Taxes	Aug 3-16, 2025
8/21/25	\$37,628.47	EDD	Payroll - State Taxes	Aug 3-16, 2025
8/25/25	\$147,118.43	CalPERS	Payroll - Retirement Plan	Jul 20-Aug 2, 2025
8/27/25	\$253,333.00	CalPERS	Payroll-UAL	August 2025
8/27/25	\$146,782.89	CalPERS	Payroll - Retirement Plan	Aug 3-16, 2025
8/29/25	\$2,700,000.00	CAMP	City Investment Deposit	August 2025

Council Approval

Date

City Manager

Attest:

City Clerk

Director of Finance & Administrative Services

DIVIDER SHEET

COUNCIL AGENDA

September 9, 2025

TO: The Honorable Mayor and City Council

SUBJECT: Report of City Council Committees' Activities

INTRODUCTION

A brief update is provided for City Council review on the activities of the following standing committee: Capital Improvement Plan Committee.

STATEMENT OF FACT

On July 29, the Capital Improvement Plan Committee met and discussed:

Update on Traffic Calming Measures

The Draft Neighborhood Traffic Calming report identified overlapping hotspot locations as a higher priority for traffic calming measures: Clark Ave., Palo Verde Ave., and Studebaker Rd. On Clark Ave., a large-scale paving project will soon install/upgrade the existing signs for high visibility signs, install reflectors and/or object markers, and install a RRFB at Clark Ave. and Michelson St.

An engineering services proposal was authorized for the Palo Verde Ave. Pilot Project. Ardurra will design "Quick-Build" traffic calming features, intended to be installed/implemented on a temporary basis, where they can be observed and monitored for their effectiveness. Willdan, has presented a proposal for the Studebaker Rd. Quick Build Improvement and Study project. The report recommends several improvements for Studebaker Rd. (from Del Amo Blvd. to Centralia St.). Willdan will develop plans and specifications, inclusive of construction cost estimates for city consideration/evaluation prior to implementation. The design will be "quick-build" in nature to reduce construction cost/duration and ease of removal if the post-construction condition is deemed ineffective and/or unfavorable. Willdan's project scope includes the design of these improvements, covering striping plans, roundabout design, material specifications, and cost estimates. Additionally, the designs will include necessary ADA improvements should the city decide to make the "quick-build" improvements permanent. The temporary installations are planned to remain in place for up to 30 days and are not intended to include permanent infrastructure or ADA-compliant upgrades. Engineering assessments and monitoring will be conducted throughout the pilot phase to inform potential future implementation of permanent traffic calming solutions. If the study proves the improvements to be effective, staff would recommend leaving the temporary traffic measures in place until permanent measures can be implemented, potentially mitigating confusion to drivers.

Committee Member Steve Croft moved to approve a recommendation to City Council to proceed with the proposal from Willdan regarding the Studebaker Rd. Quick Build Improvement and Study. Chairperson Cassandra Chase seconded the motion.

SCE LED Street Light Upgrade LS-1 Option E

Southern California Edison (SCE) owns 1,422 of Lakewood's 6,832 city streetlights which currently run on high-pressure sodium bulbs and were not eligible for upgrade. LS-1 Option E allows local governments to authorize SCE to replace aging SCE-owned street lights with new LED fixtures, with costs being borne by the local jurisdiction but paid back over a 20 year period through realized savings. Option E was brought before the CIP Committee in 2022, but the committee decided to table the matter at that time.

SCE streetlights are all on LS-1 circuits. The city pays SCE a preset rate based on the number and types of lamps used for a determined amount of time. Currently, the SCE-owned streetlights are high-pressure sodium vapor fixtures and lamps but, according to SCE, replacing them for LED fixtures would yield substantial energy and cost savings. LS-1 Option E includes a recovery mechanism embedded within the tariff, which recovers the initial installation and materials cost over 20 years. As a result, it is possible that the conversion of all 1,422 streetlights at once could see an immediate reduction in street lighting costs of approximately \$60,090. That said, SCE stated that if the city does not move forward with Option E, it would be forced to replace/convert streetlights as the old high-pressure sodium lights go out, which could result in a patchwork of color temperatures until all of the streetlights are replaced/converted; under that scenario, though, the city would not absorb the cost for replacement. SCE has informed staff that this will be the last time that Option E will be available for use. The Committee agreed that further discussion is warranted.

Weingart Senior Center Improvements

Willdan has commenced with preparation of the pre-qualification bid package for the project. Staff presently expect the pre-qualification package to be advertised in August, with the final bid package being advertised in September. A successful firm could potentially be recommended to award at a City Council meeting in October or November 2025.

Palms Community Center Improvements

Palms Park Community Center has received final plan check approval. Our grant administration consultant, Avant Garde, submitted the funding application to HUD for the Weingart project and HUD has accepted the application packet. In addition, staff have begun discussions on a DASH operation relocation plan during construction. Staff considered other locations such as the Sycamore Room and the Pan Am Room. Due to TGIS's request to return the Sycamore Room to their operation, the Pan Am room may be the most feasible option for the relocation plan.

Electrical, HVAC, and Roof Project

The scope of work for this project entails replacement of electrical panels, HVAC units, lighting, and roof replacements. This work was awarded as a design-build contract to Southland Industries. The design phase of this project is ongoing and is expected to last

several months as the design team finalizes plans and coordinates with Building and Safety and SCE to meet permitting requirements. Currently the project is submitting plans to Building and Safety for various facilities and expects to obtain permits for construction soon. All improvements are expected to be completed by December 2026. Excluding City Hall and The Centre, work at smaller sites, such as HVAC controls and electrical equipment at Burns and Monte Verde, is expected to begin between early August and September 2025. The contractor is currently slightly behind schedule due to a longer than expected plan check process.

City Hall and The Centre Generator Modernization

In addition to the structural portions of the generator replacement plans, Ardurra is working on plans to rehabilitate the civic center parking lot and to compile the bid package.

Corner Lot

The city's project design consultant is wrapping up the schematic design phase. Over the next couple of months, the consultant design team will continue refining the design and incorporating feedback received from staff and the City Council during the initial conceptual design phase. The final schematic design and corresponding cost estimate will be presented at a future study session for concurrence before moving into the next design phase.

Council Chambers

The architect, BOA, is proceeding with design plans for conceptual design, which includes a new dais and security enhancements—such as a dedicated entrance for City Council members, accessible from the Executive Board Room. These plans will be designed and shelved until funding for the project has been identified. Separately, IT staff are working on a solution for technology upgrades, inclusive of surface pros and elevation of the current television in front of the CM/DCM desk, as well as installation of two video monitors on either side of the dais for viewing of presentations.

Mayfair Park Bleacher Improvements

A contract was awarded to Deark E&C in the total contract amount of \$163,500. A Notice to Proceed was issued on April 14. Staff have authorized six change orders. Staff have been negotiating with the contractor over a deductive change order for the welding work completed, as less welding of the deck was required in the project than initially anticipated. Staff anticipate recommending the Notice of Completion at the next City Council meeting.

Mayfair Pool Fence Replacement

Design for the fence and landscaping improvements is currently underway by on-call landscape architect Hirsch and Associates. The preliminary engineer's estimate for the work is approximately \$1.1M. The cost exceeds available funding for the project and additional funding needs to be identified to put the project out to bid.

Lakewood Equestrian Center Demolition Project

Staff contracted with consultant RJM Design Group for a demolition plan for the northerly portion of the Lakewood Equestrian Center, north of the flood control channel. Work will include a topographical survey and base map to show existing conditions, a hazardous material survey, coordination with Southern California Edison over demolition procedures, and a demolition plan that will identify all elements that are to be removed from the site versus existing items are that to be preserved. Staff have now received 100% design plans.

Lakewood Boulevard Corridor

The design for the complete street improvements along the Lakewood Boulevard Corridor has been finalized, with the exception of the portion involving the undergrounding of overhead electrical lines. Southern California Edison is responsible for the design of this undergrounding work, and city staff are actively monitoring their progress. The undergrounding of distribution lines is being funded and constructed under Rule 20A, while the design, potholing, and vault installation for the undergrounding of transmission lines is being funded through Rule 20B, supported by Metro. The city has secured an extension through 2027 to complete the work funded under Rule 20B.

Traffic Signal Improvements – 12 Intersections

The city is the recipient of Highway Safety Improvement Program funds that aim to improve the flow and safety to 12 traffic signals city wide. The work has essentially been completed, however due to the funding balance, staff were able to negotiate improvements for an additional five traffic signals. The change order work for the remaining five locations has commenced with improvements. Staff have also identified funding in the approximate amount of \$210,000 that will allow two additional intersections located along Clark Ave. at Ashworth St. and at Hedda St.

Annual Streets and Alley Resurfacing

Per the adopted CIP plan, staff performed the design of a large pavement project that aims to resurface portions of Carson St., Centralia St., Clark Ave., Downey Ave., Norwalk Blvd., a few residential alleys, and two residential neighborhoods. One of the residential neighborhoods is bounded by Del Amo Blvd., Woodruff Ave., Bellflower Blvd., and Arbor Rd., and the other residential neighborhood is bounded by Del Amo Blvd., Norwalk Blvd., Pioneer Blvd., and Centralia St. The city awarded the bid to contractor Hardy and Harper. Staff are negotiating a change order with the contractor to complete a grind and overlay on Lakewood Blvd. from city limit to city limit. Staff believe the funding is available to cover the cost of the change order.

Pothole Repairs

Staff received and authorized a proposal for a small pilot project for city-wide repairs in the amount of \$47,900. The project includes pothole repairs previously sent to the county, but not completed, on portions of Del Amo Blvd., South St., Candlewood St. and Palo Verde Ave. Ruiz Concrete, a CUPCCAA vendor, has completed a significant portion of the assigned locations. Once Ruiz Concrete is caught up with existing potholes, temporary repairs will continue to be handled in-house with permanent repairs scheduled to be accomplished with Ruiz Concrete.

Annual Sidewalk and Mobility Improvements

CJ Concrete Construction and Precision Concrete continue with the hardscape repairs city-wide. The total estimated cost for citywide sidewalk repairs addressing all distresses is anticipated at a cost of \$8,330,037 funded through Measures M, R, SB1, and TDA.

Project Ledger Update

Finance and Public Works continue working with Regional Government Services (RGS) to evaluate the implementation of project tracking through a module in the MUNIS finance accounting system called Project Ledger. In addition, based on RGS recommendation, Finance has purchased another module called Tyler Content Manager, which finance is now implementing. Staff are working to finalize the implementation of a financial tracking system for all Capital Improvement Plan projects moving forward. The Project Ledger is expected to go live in September 2025.

RECOMMENDATION

It is recommended that the City Council receive and file this report.


Thaddeus McCormack
City Manager

DIVIDER SHEET

COUNCIL AGENDA

September 9, 2025

TO: The Honorable Mayor and City Council

SUBJECT: AB 1234 Meeting Report

INTRODUCTION

Assembly Bill 1234 became effective January 1, 2006. The legislation requires members of a legislative body to provide brief reports on the meetings they attended at the expense of the local agency at the next regular meeting of the legislative body.

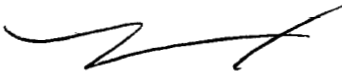
STATEMENT OF FACT

- Council Member David Arellano attended the Gateway Cities Council of Governments (COG) Regional Conference and Retreat and the joint meeting of the Board of Directors and Executive Committee from September 3-4, 2025. Mr. Arellano heard presentations on transportation, economic development, housing and homelessness, climate and air quality, and health/wellness and innovation.
- Vice Mayor Jeff Wood and Council Member Todd Rogers attended the California Contract Cities Association's Fall Educational Summit from September 5-6, 2025. Mr. Wood and Rogers attended educational sessions on housing trusts and public safety partnerships and heard presentations from the state treasurer and county supervisor.

RECOMMENDATION

That the City Council receive and file this report.

Paolo Beltran **PB**
Deputy City Manager


Thaddeus McCormack
City Manager

DIVIDER SHEET

COUNCIL AGENDA

September 9, 2025

TO: The Honorable Mayor and City Council**SUBJECT:** Monthly Report of Investment Transactions – July 2025**INTRODUCTION**

In accordance with California Government Code Section 53607, the City Council has delegated to the City Treasurer the responsibility to invest or to reinvest funds, or to sell or exchange securities so purchased. The California Government Code Section 53607 requires that, if such responsibility has been delegated, then the Treasurer “shall make a monthly report of those transactions to the legislative body.” In compliance with this requirement, the Monthly Report of Investment Transactions is being rendered to be received and filed.

STATEMENT OF MONTHLY ACTIVITY

Date	Amount at Cost	Investment	Transaction	Rate*
01-Jul-25	\$ 1,121.85	MMF	INTEREST	3.620%
01-Jul-25	1,666.85	BOND	INTEREST	1.258%
01-Jul-25	836.63	BOND	INTEREST	1.455%
01-Jul-25	220,000.00	BOND	MATURITY	1.258%
01-Jul-25	45,000.00	BOND	MATURITY	1.258%
01-Jul-25	232,771.38	CAMP POOL	INTEREST	4.410%
02-Jul-25	10,000,000.00	CAMP POOL	SELL	4.410%
02-Jul-25	10,000,000.00	CAMP TERM	PURCHASE	4.060%
02-Jul-25	10,514,586.30	CAMP TERM	MATURITY	4.410%
02-Jul-25	10,514,586.30	CAMP POOL	PURCHASE	4.410%
03-Jul-25	350,540.82	TREAS	PURCHASE	3.750%
03-Jul-25	43,549.14	TREAS	SELL	0.625%
08-Jul-25	2,000,000.00	CAMP POOL	PURCHASE	4.410%
09-Jul-25	6,982.50	CORP	INTEREST	4.900%
14-Jul-25	7,428.00	CORP	INTEREST	4.952%
15-Jul-25	288.81	ABS	INTEREST	3.970%
15-Jul-25	786.25	ABS	INTEREST	5.100%
15-Jul-25	1,605.50	ABS	INTEREST	4.940%
15-Jul-25	1,630.93	ABS	INTEREST	5.690%
15-Jul-25	1,372.88	ABS	INTEREST	5.230%
15-Jul-25	188.92	ABS	INTEREST	4.510%

Monthly Investment Transactions
September 9, 2025
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Date	Amount at Cost	Investment	Transaction	Rate*
15-Jul-25	\$ 293.96	ABS	INTEREST	4.510%
15-Jul-25	1,125.08	ABS	INTEREST	5.530%
15-Jul-25	141.22	ABS	INTEREST	3.660%
15-Jul-25	264.60	ABS	INTEREST	4.650%
15-Jul-25	596.75	ABS	INTEREST	4.340%
15-Jul-25	1,284.17	ABS	INTEREST	4.600%
15-Jul-25	543.40	ABS	INTEREST	5.460%
15-Jul-25	750.66	ABS	INTEREST	4.310%
15-Jul-25	1,149.58	ABS	INTEREST	4.450%
15-Jul-25	460.26	ABS	INTEREST	5.230%
15-Jul-25	795.59	ABS	INTEREST	5.900%
15-Jul-25	1,540.10	ABS	INTEREST	4.340%
15-Jul-25	316.46	ABS	INTEREST	5.480%
15-Jul-25	1,034.33	ABS	INTEREST	4.280%
15-Jul-25	1,311.50	ABS	INTEREST	5.160%
15-Jul-25	1,122.50	ABS	INTEREST	4.490%
15-Jul-25	15,841.22	ABS	PAYDOWNS	5.900%
15-Jul-25	11,246.28	ABS	PAYDOWNS	3.970%
15-Jul-25	7,518.84	ABS	PAYDOWNS	5.460%
15-Jul-25	15,524.75	ABS	PAYDOWNS	5.530%
15-Jul-25	21,734.89	ABS	PAYDOWNS	5.690%
15-Jul-25	5,379.13	ABS	PAYDOWNS	3.660%
15-Jul-25	4,775.70	ABS	PAYDOWNS	5.480%
15-Jul-25	7,393.02	ABS	PAYDOWNS	5.230%
15-Jul-25	4,448.56	ABS	PAYDOWNS	4.510%
15-Jul-25	5,393.43	ABS	PAYDOWNS	4.650%
16-Jul-25	249.67	ABS	INTEREST	4.280%
16-Jul-25	326.18	ABS	INTEREST	5.450%
16-Jul-25	4,723.08	ABS	PAYDOWNS	5.450%
16-Jul-25	180,576.18	TREAS	SELL	3.500%
16-Jul-25	1,200,000.00	CAMP POOL	SELL	4.410%
16-Jul-25	1,500,000.00	CAMP POOL	SELL	4.410%
17-Jul-25	14,351.00	CORP	INTEREST	5.080%
18-Jul-25	36.18	ABS	INTEREST	3.730%
18-Jul-25	2,860.87	ABS	PAYDOWNS	3.730%
20-Jul-25	956.25	ABS	INTEREST	4.500%
20-Jul-25	1,183.88	ABS	INTEREST	4.510%

Monthly Investment Transactions
September 9, 2025
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Date		Amount at Cost	Investment	Transaction	Rate*
21-Jul-25	\$	116,747.86	TREAS	PURCHASE	4.250%
21-Jul-25		101,418.55	TREAS	PURCHASE	4.125%
21-Jul-25		102,683.24	CORP	SELL	4.868%
21-Jul-25		118,822.60	CORP	SELL	4.150%
22-Jul-25		239,965.42	ABS	PURCHASE	4.300%
23-Jul-25		4,032.00	CORP	INTEREST	5.040%
24-Jul-25		30,000.00	CORP	CALL	4.414%
24-Jul-25		662.10	CORP	INTEREST	4.414%
24-Jul-25		1,592.50	BANK NOTE	INTEREST	4.900%
24-Jul-25		2,700,000.00	LAIF	PURCHASE	4.400%
24-Jul-25		2,500,000.00	CAMP POOL	SELL	4.410%
25-Jul-25		1,472.50	FNMA	INTEREST	4.650%
25-Jul-25		1,021.92	FNMA	INTEREST	2.905%
25-Jul-25		1,362.90	FNMA	INTEREST	4.543%
25-Jul-25		1,520.00	FNMA	INTEREST	4.800%
25-Jul-25		1,560.98	FNMA	INTEREST	4.803%
25-Jul-25		1,195.20	FNMA	INTEREST	4.777%
25-Jul-25		1,094.51	FNMA	INTEREST	3.243%
25-Jul-25		958.20	FNMA	INTEREST	4.791%
25-Jul-25		591.38	FNMA	INTEREST	5.069%
25-Jul-25		1,505.94	FNMA	INTEREST	4.819%
25-Jul-25		1,524.00	FNMA	INTEREST	4.572%
25-Jul-25		1,248.10	FNMA	INTEREST	4.182%
25-Jul-25		791.67	FNMA	INTEREST	5.000%
25-Jul-25		1,502.67	FNMA	INTEREST	4.508%
25-Jul-25		564.26	FNMA	INTEREST	3.303%
25-Jul-25		1,501.00	FNMA	INTEREST	4.740%
25-Jul-25		1,131.67	FNMA	INTEREST	4.850%
25-Jul-25		1,171.92	FNMA	INTEREST	3.430%
25-Jul-25		1,074.67	FNMA	INTEREST	3.224%
25-Jul-25		1,097.40	FNMA	INTEREST	4.377%
25-Jul-25		850.50	FNMA	INTEREST	4.860%
25-Jul-25		1,258.67	FNMA	INTEREST	4.720%
25-Jul-25		785.75	ABS	INTEREST	4.490%
25-Jul-25		222.94	ABS	INTEREST	5.470%
25-Jul-25		351.93	FNMA	PAYDOWNS	4.777%
25-Jul-25		593.15	FNMA	PAYDOWNS	2.905%

Date	Amount at Cost	Investment	Transaction	Rate*
25-Jul-25	\$ 9,928.14	FNMA	PAYDOWNS	4.803%
25-Jul-25	37.62	FNMA	PAYDOWNS	4.182%
25-Jul-25	476.03	FNMA	PAYDOWNS	4.377%
25-Jul-25	3,799.32	ABS	PAYDOWNS	5.470%
26-Jul-25	4,600.00	CORP	INTEREST	4.600%
31-Jul-25	1,875.00	TREAS	INTEREST	1.500%
31-Jul-25	400.00	TREAS	INTEREST	1.000%
31-Jul-25	731.25	TREAS	INTEREST	0.750%
31-Jul-25	2,625.00	TREAS	INTEREST	3.500%

* Rates shown for MMF, LAIF, and CAMP are distribution yields. All others are coupon rates.

INVESTMENT GLOSSARY

ABS (Asset-Backed Securities)

A mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-backed certificate, consumer receivable pass-through certificate, or consumer receivable-backed bond.

AGENCY (U.S. Government Agency Issues)

Federal agency or United States government-sponsored enterprise obligations, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. There are no portfolio percentage limits for U. S. Government Agency issues.

BOND (Municipal Bonds or Note)

Registered treasury notes or bonds issued by states or municipalities, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of the other 49 United States, in addition to California.

CAMP (California Asset Management Program) Pool and Term

A Joint Powers Authority established in 1989 by the treasurers and finance directors of several California public agencies to provide an investment tool at a reasonable cost. Participation is limited to California public agencies. The Pool option offers daily liquidity with a variable rate of return. In recent years the Term option was added offering an investment tool for a fixed period (up to one year) and a fixed rate of return.

CD (Certificate of Deposit)

Negotiable CDs are issued by large banks and are freely traded in secondary markets as short term (2 to 52 weeks), large denomination (\$100,000 minimum) CDs, that are either issued at a discount on its par value, or at a fixed interest rate payable at maturity.

COM (Commercial Paper)

Commercial paper of “prime” quality of the highest ranking or of the highest letter and number rating as provided for by a nationally recognized statistical-rating organization.

CORP (Corporate Notes)

Medium-term notes, defined as all corporate and depository institution debt securities with a maximum remaining maturity of five years or less, issued by corporations organized and operating within the United States or by depository institutions licensed by the United States, or any state and operating within the United States.

FNMA (Federal National Mortgage Association)

A government-sponsored, privately owned corporation established to create a secondary market for Federal Housing Administration mortgages.

LAIF (Local Agency Investment Fund, State of California)

The Treasurer of the State of California administers this investment pool, providing a high-level of liquidity and strong safety through diversification of investments.

MMF (Money Market Fund)

This is a money market interest-bearing checking account that is fully insured and collateralized.

SUPRA (Supra-National Agency Bonds or Notes)

Supranational bonds and notes are debt of international or multi-lateral financial agencies. The debt is used to finance economic/infrastructure development, environmental protection, poverty reduction and renewable energy around the globe, rated AAA, highly liquid and issued in a range of maturities.

TREAS (U.S. Treasury Notes)

A Treasury obligation of the U.S. Government to provide for the cash flow needs of the Federal Government.

RECOMMENDATION

It is recommended that the City Council receive and file the Monthly Report of Investment Transactions rendered for the month of July 2025.



Jose Gomez
Director of Finance & Administrative Services



Thaddeus McCormack
City Manager

D I V I D E R S H E E T

COUNCIL AGENDA

September 9, 2025

TO: The Honorable Mayor and City Council

SUBJECT: Extension of Memorandum of Understanding for Use of City Owned Parcel for Farmers Market

INTRODUCTION

The current memorandum of understanding is set to expire on September 10, 2025. The agreement allows the city to extend the term at its discretion additional one year terms.

STATEMENT OF FACTS

Staff is recommending that the agreement be extended for another year under the same terms. The farmers market operator (Farmers Marketplace of Lakewood) is also desirous of the extension. Staff have been mindful of minimizing the City-borne cost for the market, and they have been very minimal after three years of operation. The operator has been diligent in maintaining the parcel each week, including cleaning up afterwards. Throughout the course of the agreement's term, city staff assisted in publicizing the farmers market to the broader Lakewood community and has partnered with promotions to increase visits to the market. Patrons have expressed to city staff and to the farmers market operator that they find the farmers market a positive resource to the community.

RECOMMENDATION

That the City Council approve the extension of the Memorandum of Understanding between the Operators and the City of Lakewood for a weekly farmers market.

Paolo Beltran **PB**
Deputy City Manager


Thaddeus McCormack
City Manager

MEMORANDUM OF UNDERSTANDING BETWEEN THE CITY OF LAKEWOOD AND
FARMERS MARKETPLACE OF LAKEWOOD REGARDING THE USE OF CITY
PROPERTY, IDENTIFIED AS ASSESSOR'S PARCEL NUMBER 7172-002-905,
LAKEWOOD, CALIFORNIA

This Memorandum of Understanding ("Agreement") is entered into on this 10th day of September 2025, by and between the City of Lakewood ("City"), a municipal corporation located at 5050 Clark Avenue, Lakewood California, and Farmers Marketplace of Lakewood ("Operator"). City and Operator may be referred to, individually or collectively, as "Party" or "Parties."

RECITALS

A. City owns a property identified as Assessor's Parcel Number 7172-002-905 (the "City Parcel") which is depicted on Exhibit "A", attached hereto.

B. Operator desires to operate and manage a Farmer's Market (the "Authorized Event") on the City Parcel. In order to manage the Authorized Event, Operator will need to temporarily use driveway and parking spaces on the City Parcel.

C. City desires to allow Operator to manage the Authorized Event.

NOW, THEREFORE, for good and valuable consideration, the Parties agree as follows:

1. City declares, covenants and agrees, by and for itself, its heirs, executors and assigns, and all persons claiming under or through it that the City Parcel may be used and occupied by Operator's officers, visitors, staff, and vendors ("Operator's Parties") subject to the restrictions hereinafter set forth, which restrictions are established for the benefit of for the use of visitors to the Authorized Event.

2. Scope of Services. In compliance with all of the terms and conditions of this Agreement, Operator shall perform the work or services set forth below in Section 2. Operator warrants that it has the experience and ability to perform all work and services required hereunder and that it shall diligently perform such work and services in a professional and satisfactory manner.

3. Roles and Responsibilities.

A. **Operator will perform and/or oversee the following tasks to ensure compliance as follows:** (1) provide 20-30 Vendor/Farmers/Crafters for each Saturday (exceptions: when a City sponsored event falls on a Saturday); (2) ensure vendors/farmers/crafters will arrive and setup between 6:00 a.m. and 8:00 a.m.; (3) ensure vendors/farmers/crafters will breakdown and depart between 1:00 p.m. and 3:00 p.m.; (4) ensure vendors/farmers/crafters will begin event at 8:00 p.m.; (5) provide oversight of vendors/farmers/crafters; (5) make available portable restrooms to

patrons (with restrooms being serviced and maintained regularly); (6) at the end of the day, properly secure portable restrooms and storage container and cleanup of site; (7) placement of signage at the site, at the entrance driveway adjacent to Iacoboni Library and other designated areas as agreed upon by the City and Operator; (8) empty portable trash/recycling/organic waste receptacles into designated bins located adjacent to The Centre and ensure that the items being dumped into the designated bins are not cross-contaminated; (9) apply for all applicable licenses, permits, and insurances necessary to operate a certified Farmers Market.

B. City will perform the following tasks: (1) provide the space at said location; (2) provide 3 portable trash/recycling/organic waste receptacles and designated bins to dispose the trash, recycling and organic waste in; (3) closure of driveways; (4) provide designated parking for vendors and patrons; (5) allow placement of signage at the site, at the driveway entrance adjacent to the Iacoboni Library and other mutually agreed upon sites.

4. Compliance With Law. All work and services rendered hereunder shall be provided in accordance with all ordinances, resolutions, statutes, rules, and regulations of City and any Federal, State, County, or local governmental agency of competent jurisdiction.

5. Licenses, Permits, Fees and Assessments. Operator shall obtain at its sole cost and expense such licenses (including resale licenses), permits (including sellers permit), and approvals as may be required by law for the performance of the services required by this Agreement. Operator shall ensure that all vendors have been certified, licensed, permitted, and approved by the requisite Federal, State, County, City, or local governmental agency of competent jurisdiction. Operator must submit vendors' authorizations, licenses, permits, and any associated documentation to City.

6. Compensation.

A. Rental Amount. For the services rendered pursuant to this Agreement and for the first six months commencing on the executed date of this Agreement, City shall be compensated by Operator in the monthly amount of EIGHT HUNDRED DOLLARS (\$800.00) (the "Rental Sum"). Compensation will be remitted by Operator to City in a monthly payment by the 15th of each month. City will provide Operator a monthly invoice.

B. Invoices. Each month, City will furnish Operator an original invoice for the Rental Sum for the following month in a form approved by City's Director of Finance and Administrative Services. Operator agrees to pay City within thirty (30) days of receipt of City's invoice.

7. Term.

A. This Agreement shall continue in full force and effect until completion of the services but not exceeding one (1) year from the date of this Agreement. City may, in its sole discretion, extend the Term for two (2) additional one (1) year terms.

B. Termination Prior to Expiration of Term. City may terminate this Agreement at any time, with or without cause, upon thirty (30) days' written notice to Operator, except that where termination is for material cause, the period of notice may be such shorter time as may be determined by City in its sole discretion. Operator may terminate this Agreement at any time, with or without cause,

upon sixty (60) days' written notice to City, except that where termination is for material cause, the period of notice may be such shorter time as may be determined by Operator in its sole discretion. Upon receipt of any notice of termination, Operator shall cease all services hereunder in accordance with said notice and except such as may be specifically approved by City.

8. Non-Exclusive Use.

A. The right to use the driveway and parking lot is non-exclusive, and City hereby reserves and retains the right to make any permitted use of the area, to the extent that the permitted use does not interfere with the rights granted to Operator under this agreement.

B. Notwithstanding the forgoing, City will not enter into other agreements for the right to use any portion of the City Parcel in conflict with the Operator's use, so long as Operator abides by the Terms set forth in this Agreement and this Agreement remains in full force and effect. However, Operator agrees to cease use of the site for City-sponsored events that occur during the same hours of operation of the farmers market.

9. Hours of Operation. The Authorized Event may be operated from 8:00 a.m. to 1:00 p.m. on Saturdays during the Term of this Agreement. Additionally, Operator may access and use the City Property, for set up from 6:00 a.m. to 8:00 a.m., and clean up from 1:00 p.m. to 3:00 p.m., respectively. City may, in its sole discretion, revise the hours of operation and the hours for setup and cleanup of the Authorized Event by delivering written notice of such change, and the effective date thereof, to Operator. At the conclusion of each period of use, Operator shall tear down and clean up all items brought to the City Parcel, or a designated alternative site, by any person in connection with the Authorized Event. The failure to tear down or clean up the City Parcel may result in termination of this Agreement for material cause at the sole discretion of City.

10. Damage to Property. Operator, vendors and their agents, whether or not in actual possession of the City Parcel or any designated alternative site, shall be liable for all damages to the City Property or any designated alternative site occurring during the Term of this Agreement.

11. Permitted Use. City and any successor, tenant, or assignee of City shall use or permit the use of the City Parcel by Operator and Operator Parties for the purposes stated in Section 1 hereof. Such permitted use shall be subject to the restriction that Operator's use of the City Parcel will not conflict with City's principal operating hours and uses, including city events that use the parcel at designated times throughout the year. City's principal operating hours for the City Parcel are 7:00 a.m. to 3:00 p.m. The parking areas within the Parking Area shall at all times be maintained and kept clear, unobstructed and overnight parking (with the exception of any organizationally owned Operator vehicles or prearranged Operator overnight programming parking) shall be prohibited.

12. General Insurance Requirement.

A. Insurance Generally. Proper coverage is required for all vendors, as set forth below. Further, all vendors shall be required to execute an indemnity agreement in the form attached hereto.

B. Proof of insurance. Operator shall provide certificates of insurance to City as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers' compensation. Insurance certificates and endorsements must be approved by City's Risk Manager prior to commencement of performance. Current certification of insurance shall be kept on file with City at all times during the term of this Agreement. City reserves the right to require complete, certified copies of all required insurance policies, at any time.

C. General Liability Insurance. A policy of comprehensive general liability insurance written on a per occurrence basis in an amount not less than \$2,000,000.00 with an aggregate of \$4,000,000.00 against liability for damages due to injury, including death, and against liability for damages to property.

D. Automobile Liability. A policy of comprehensive automobile liability insurance written on a per occurrence basis in an amount not less than a combined single limit of \$1,000,000.00.

E. Workers' Compensation. A policy of worker's compensation insurance in such amount as will fully comply with the statutory laws of the State of California and which shall indemnify, insure and provide legal defense for the Operator and the City against any loss, claim or damage arising from any injuries or occupational diseases occurring to any worker employed by or any persons retained by the Operator in the course of carrying out the work or services contemplated in this Agreement.

F. Waiver of subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against City, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow Operator or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Operator hereby waives its own right of recovery against City, and shall require similar written express waivers and insurance clauses from each of its subconsultants.

G. Enforcement of agreement provisions (non-estoppel). Operator acknowledges and agrees that any actual or alleged failure on the part of City to inform Operator of non-compliance with any requirement imposes no additional obligations on City nor does it waive any rights hereunder.

H. Requirements not limiting. Requirements of specific coverage features or limits contained in this section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If Operator maintains higher limits than the minimums shown above, City requires and shall be entitled to coverage for the higher limits maintained by Operator. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City.

I. Additional insured status. General liability policies shall provide or be endorsed to provide that City and its officers, officials, employees, and agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.



13. Indemnification.

To the full extent permitted by law, Operator agrees to indemnify, defend and hold harmless City, its officers, employees and agents and volunteers ("Indemnified Parties") against, and will hold and save them and each of them harmless from, any and all actions, either judicial, administrative, arbitration or regulatory claims, damages to persons or property, losses, costs, fines, penalties, obligations, errors, omissions or liabilities whether actual or threatened (herein "claims or liabilities") that may be asserted or claimed by any person, firm or entity (including but not limited to the County of Los Angeles or any vendors) arising out of or in connection with the negligent performance of the work, operations or activities provided herein of Operator, its officers, employees, agents, subcontractors, invitees, or any individual or entity for which Operator is legally liable ("indemnitors"), or arising from Operator's or indemnitors' reckless or willful misconduct, or arising from Operator's or indemnitors' negligent performance of or failure to perform any term, provision, covenant or condition of this Agreement, except claims or liabilities occurring as a result of City's sole negligence or willful acts or omissions. The indemnity obligation shall be binding on successors and assigns of Operator and shall survive termination or expiration of this Agreement.

14. Miscellaneous Provisions.

A. No change, amendment, alteration, or revision of this Agreement shall be valid unless evidenced by a written agreement approved and executed by both City and Operator.

B. City represents that as of the effective date hereof, it is the sole owner of the City Parcel and that it has the authority to enter into this Agreement and that, once authorized and in effect, this Agreement is a valid and binding obligation of City.

C. Operator represents the person signing on this Agreement has the authority to bind Operator to the same.

D. It is understood that there are no oral agreements between the Parties hereto affecting this Agreement and this Agreement supersedes and cancels any and all previous negotiations, arrangements, agreements and understandings, if any, between the Parties, and none shall be used to interpret this Agreement.

E. In construing the provisions of this Agreement, neither Party shall be presumed to have been the drafter hereof.

15. Notices.

All notices and other communications given pursuant to this Agreement shall be in writing and shall be deemed properly served if delivered in person to the Party to whom it is addressed or three (3) days after mailing, if mailed by first class mail. For purposes of notice, the address of the Parties shall be as follows:

City: City of Lakewood, Attn: City Manager, 5050 Clark Avenue, Lakewood, California 90712

Operator: _____

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the date first written above.

“City”: CITY OF LAKEWOOD”

“Operator:” Farmers Marketplace of Lakewood

By: _____
Title: Cassandra Chase, Mayor

By: _____
Title: Farmers Market Manager

APPROVED AS TO FORM:

Office of the City Attorney

ATTEST:

Jo Mayberry, City Clerk



DIVIDER SHEET

COUNCIL AGENDA

September 9, 2025

TO: The Honorable Mayor and City Council

SUBJECT: Community Safety Commission Recommendation – Industry Avenue Area Parking Restrictions

INTRODUCTION

The Community Safety Commission met on September 8 to consider various community safety matters including the consideration of a request to modify the existing parking restrictions on Industry Avenue, 36th Street, Bixby Street, and Cover Street.

STATEMENT OF FACT

Earlier this year, the resolution for limited parking times on Industry Avenue was changed. The original resolution, adopted in 1993, established No Parking on Industry Avenue from 10:00 pm to 8:00 am. Staff recommended changing the resolution to establish No Parking on Industry Avenue from 10:00 pm to 6:00 am, to match the resolutions which established limited parking for the surrounding streets – 36th Street, Bixby Road, and Cover Street, as well as Pixie Avenue and Kessler Road nearby. This was in response to requests received to replace signage in the area that was missing and damaged. In addition, some of the signage had times which did not match the times established within the resolutions.

After the new resolution for Industry Avenue was adopted, staff began replacing all signs in the area. When replacing the signs, staff encountered employees of a factory located on Bixby Street at Industry Avenue, and learned that the employees of this factory arrive to work between 5:30 am and 6:00 am on weekdays. The factory does not have off street parking, and employees park on Bixby Street and Industry Avenue. This has seemingly been the case for a number of years. In light of this information, and after receiving a letter from the factory verifying the work hours, staff recommended changing the limited parking zone to end at 5:00 am instead of 6:00 am, on Industry Avenue, 36th Street, Bixby Road, and Cover Street.

The Community Safety Commission, at their regular meeting on September 8, approved recommending the changes.

RECOMMENDATION

The Community Safety Commission recommends that the City Council adopt the attached resolutions authorizing the changes to parking restrictions on Industry Avenue, 36th Street, Bixby Road, and Cover Street.

for 
Kelli Pickler
Director of Public Works


Thaddeus McCormack
City Manager

RESOLUTION NO. 2025-55

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LAKEWOOD ESTABLISHING "NO PARKING, 10:00 PM TO 5:00 AM" ON BOTH SIDES OF 36TH STREET, BIXBY ROAD, AND COVER STREET FROM CHERRY AVENUE TO INDUSTRY AVENUE WITHIN THE CITY OF LAKEWOOD

THE CITY COUNCIL OF THE CITY OF LAKEWOOD DOES RESOLVE AS FOLLOWS:

SECTION 1. That Resolution 2008-7, entitled:

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LAKEWOOD ESTABLISHING "NO PARKING, 10:00 PM TO 6:00 AM" ON BOTH SIDES OF 36TH STREET, BIXBY STREET, AND COVER AVENUE FROM CHERRY AVENUE TO INDUSTRY AVENUE WITHIN THE CITY OF LAKEWOOD

is hereby rescinded.

SECTION 2. 36th Street, Bixby Road, and Cover Street from Cherry Avenue to Industry Avenue, is hereby established as a limited parking zone wherein no parking shall be permitted between the hours of 10:00 pm and 5:00 am.

SECTION 3. No parking restriction zone hereby established shall be effective until said signs are posted indicating such limited parking zone, in accordance with the requirement of Vehicle Code Section 22507 of the California Vehicle Code as herein authorized.

SECTION 4. This resolution has been adopted pursuant to a Community Safety Commission Recommendation.

ADOPTED AND APPROVED this 9th day of September, 2025.

Mayor

ATTEST:

City Clerk

RESOLUTION NO. 2025-56

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LAKEWOOD ESTABLISHING "NO PARKING, 10:00 PM TO 5:00 AM" ON BOTH SIDES OF INDUSTRY AVENUE FROM 36TH STREET TO COVER STREET WITHIN THE CITY OF LAKEWOOD

THE CITY COUNCIL OF THE CITY OF LAKEWOOD DOES RESOLVE AS FOLLOWS:

SECTION 1. That Resolution 2025-3, entitled:

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LAKEWOOD ESTABLISHING "NO PARKING, 10:00 PM TO 6:00 AM" ON BOTH SIDES OF INDUSTRY AVENUE FROM 36TH STREET TO COVER STREET WITHIN THE CITY OF LAKEWOOD

is hereby rescinded.

SECTION 2. Industry Avenue, from 36th Street to Cover Street, is hereby established as a limited parking zone wherein no parking shall be permitted between the hours of 10:00 pm and 5:00 am.

SECTION 3. No parking restriction zone hereby established shall be effective until said signs are posted indicating such limited parking zone, in accordance with the requirement of Vehicle Code Section 22507 of the California Vehicle Code as herein authorized.

SECTION 4. This resolution has been adopted pursuant to a Community Safety Commission Recommendation.

ADOPTED AND APPROVED this 9th day of September, 2025.

Mayor

ATTEST:

City Clerk



DIVIDER SHEET

COUNCIL AGENDA

September 9, 2025

TO: Honorable Mayor and City Council

SUBJECT: Agreement Amendment with All City Management Services for Crossing Guard Services

INTRODUCTION

The City of Lakewood administers a crossing guard program to ensure the safety of elementary school-aged students traveling to and from school. Maintaining a full roster of city-employed crossing guards has proven difficult following the COVID pandemic. Partnering with a professional crossing guard service provider allows the city to ensure consistent and reliable coverage of all designated posts, thereby enhancing pedestrian safety.

STATEMENT OF FACTS

The city has traditionally staffed its crossing guard program with city employees to serve designated school crosswalks, ensuring safe passage for schoolchildren and other pedestrians. However, staffing challenges have persisted in recent years, leading the city to adopt a hybrid model in the 2021–2022 school year that combines city-employed guards with contracted services. This model has proven effective, maintaining consistent coverage without service interruptions.

Current Staffing Overview

- City-employed crossing guards:
 - Total of 12 posts (1 post requires 2 guards)
 - 11 posts in the Long Beach Unified School District
 - 1 post in the Bellflower Unified School District
 - Requires staffing of 15 guards (including 2 relief guards)
 - Currently staffed with 13 guards, with 2 recent resignations (one just before the start of the current school year)
- All City Management Services contracted crossing guards:
 - 10 dedicated crossing guards
 - Total of 9 posts (1 post requires 2 guards)
 - 5 posts in the ABC Unified School District
 - 4 posts (1 double-staffed) in the Bellflower Unified School District
 - Also provides citywide relief coverage as needed
 - Contract term: July 1, 2024 – June 30, 2026

Due to the current shortfall in city-employed guards, ACMS is temporarily covering one additional post. To maintain adequate coverage and provide for future staffing fluctuations, staff requested a proposal from ACMS to increase the number of contracted guards from 10 to 12. The cost for the two additional contracted guards for the remainder of the current school year is approximately

\$45,000. The cost is based on the same hourly rate of the existing contract crossing guards and includes personnel, supervision, training, and administrative overhead. The cost increase will be partially offset by salary and benefits savings from not hiring city-employed guards.

ACMS has consistently delivered high-quality, reliable service over the past four years. They are experienced in all aspects of program management, including recruitment, training, and supervision. With operations in 25 states and over 260 managed programs, ACMS is a leader in this field and is widely used throughout Southern California. Their approach of assigning guards to specific posts promotes familiarity and rapport between guards and the students and families they serve.

RECOMMENDATION

Staff recommends that the City Council:

1. Authorize an additional appropriation of \$45,000 from General Fund Reserves to the FY 2025-2026 Budget (Account #10103800-51000) for two (2) additional dedicated contract crossing guards, and
2. Approve an agreement amendment with All City Management Services to increase the number of dedicated crossing guards from 10 to 12 for the remainder of the term, through June 30, 2026, and authorize the Mayor to sign the agreement amendment in a form as approved by the City Attorney.


Joshua Yordt
Director of Public Safety


Thaddeus McCormack
City Manager

**Amendment to Agreement between
All City Management Services, Inc. and the City of Lakewood
for providing School Crossing Guard Services**

The **City of Lakewood** hereinafter referred to as the "City", and **All City Management Services, Inc.**, located at 10440 Pioneer Blvd Ste. 5, Santa Fe Springs, CA 90670, hereinafter referred to as the "Contractor", mutually agree to amend the existing Agreement entered into on May 28, 2024, as follows:

1. **Item #2** The Contractor will provide personnel for twelve (12) sites as requested by the City. Such personnel shall be trained in appropriate procedures for crossing pedestrians in marked crosswalks. Such personnel shall be herein referred to as a "Crossing Guard". The Contractor is an independent contractor and the Crossing Guards to be furnished by it shall at all times be its employees and not those of the City. Furthermore, the Contractor shall provide relief work on a best availability basis of personnel basis for up to five (5) sites as requested by the City.

Except as provided for in Item #2 all other terms and conditions of the original Agreement and Amendments thereto between the City and the Contractor remain in effect.

City of Lakewood

All City Management Services, Inc.

By _____
Signature

By _____
Demetra Farwell, Corporate Secretary

Print Name and Title

Date _____

Date _____

D I V I D E R S H E E T

COUNCIL AGENDA

September 9, 2025

TO: The Honorable Mayor and City Council

SUBJECT: Approval of Sewer System Management Plan (SSMP)

INTRODUCTION

On December 6, 2022, the SWRCB adopted Order No. WQ 2022-0103-DWQ (Order), titled Statewide General Waste Discharge Requirements (WDR) for Sanitary Sewer Systems, which establishes updated requirements for the operation and maintenance of public wastewater collection systems. The regulations were born out of a growing concern about the water quality impacts of sanitary sewer overflows, particularly those that cause beach closures or pose serious health and safety or nuisance problems.

The WDR requires owners and operators of publicly owned sewer collection systems to have their governing body approve the Sewer System Management Plan (SSMP).

SUMMARY

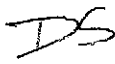
As the owner of the local sanitary sewer system, the City is required to comply with the WDR. The Los Angeles County Sewer Maintenance Division as well as the Sanitation Districts of Los Angeles are also required to comply with the same WDR. This SSMP meets the requirements of the WDR and was developed in concert with the Los Angeles County Sewer Maintenance District (CSMD) who maintains the City's sewer system. Since the City of Lakewood serves a population of between 10,000 and 100,000, the due date for uploading the Plan Update was August 2, 2025. However, due to a delay in obtaining data and information from CSMD, Lakewood was unable to obtain approval until the date of the next City Council meeting on September 9, 2025. The SSMP is intended to be a living document which will be updated to reflect current conditions and knowledge of the system as required by the order. The City will continue to update and certify its SSMP every six years, in accordance with the WDR.

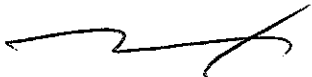
FISCAL IMPACT

There is no fiscal impact associated with the adoption of the SSMP.

RECOMMENDATION

Staff recommends that City Council approve and direct staff to submit the City's Sewer System Management Plan (SSMP).

For 
Kelli Pickler
Director of Public Works


Thaddeus McCormack
City Manager

Sewer System Management Plan

City of Lakewood

August 2025



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Appendices

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Appendix B –	City Service Agreement with CSMD
Appendix C –	City Sewer Collection Pipe Infrastructure Inventory
Appendix D –	City Emergency Spill Response Reference Sheet
Appendix E –	City Maintenance Map Periodics 2022-2024
Appendix F –	CSMD Request for Time Extension to RWQCB, Los Angeles Region

ACRONYMS

Acronym	Definition
ACO	Accumulative Capital Outlay Program
APWA	American Public Works Association
BMP	Best Management Practices
CADD	Computer Aided Design Drafting
CAP	Condition Assessment Program
CAL OES	California Occupation, Safety And Health Administration
CCTV	Closed – Circuit Television
CIP	Capital Improvement Program
CIWQS	California Integrated Water Quality System
CMC	City's Municipal Code
CMMS	Computerized Maintenance Management System
CS	Collection System
CSMD	Consolidated Sewer Maintenance District
CWC	California Water Code
CWEA	California Water Environment Association
FOG	Fats, Oils, and Grease
FSE	Food Service Establishment
Gpd	Gallons per day
GIS	Geographical Information System
GRD	Grease Removal Device
HDPE	High Density Polyethylene Pipe
I/I	Infiltration Inflow
LACO CODE	Los Angeles County Code Title 20 – Utilities
LACO PLUMBING CODE	Los Angeles County Plumbing Code – Title 28
LACPW or DPW	Los Angeles County Department of Public Works
LACSD	Los Angeles County Sanitation Districts, aka County Sanitation Districts of Los Angeles County
LRO	Legally Responsible Official
Mgd	Million gallons per day
MRP	Monitoring and Reporting Program
MMS	Maintenance Management System
MS4	Municipal Separate Storm Sewer System
NASSCO	National Association of Sanitary Sewer Companies
NOI	Notice of Intent
NPDES	National Pollution Discharge Elimination System
OES	State Office of Emergency Services
O&M	Operations and Maintenance
OSHA	Occupational Safety and Health Administration
PACP	Pipeline Assessment Certification Program
PLSD	Private Lateral Sewage Discharge
PM	Preventative Maintenance
RWQCB	Regional Water Quality Control Board
SSECAP	Sewer System Evaluation and Capacity Assurance Plan
SERP	Spill Emergency Response Plan
SMD	Sewer Maintenance Districts
SMP	Sewer Master Plan
SSMP	Sewer System Management Plan
SSOs	Sanitary Sewer Overflows
SU	Sewage Unit
SWRCB	State Water Resources Control Board
VCP	Vitrified Clay Pipe
WDRs	Statewide General Waste Discharge Requirements

DEFINITIONS

Blockage or Stoppage – A build up of debris in the sewer, which stops the flow of wastewater and allows the water to back up behind the stoppage, which sometimes causing an overflow, also called a blockage.
California Integrated Water Quality System (CIWQS) - CIWQS is the statewide database that provides for mandatory electronic reporting as required in State and Regional Water Board-issued waste discharge requirements.
Drainage Conveyance System - A drainage conveyance system is a publicly- or privately-owned separate storm sewer system, including but not limited to drainage canals, channels, pipelines, pump stations, detention basins, infiltration basins/facilities, or other facilities constructed to transport stormwater and non-stormwater flows.
Geographical Information System (GIS) – A database linked with mapping, which includes various layers of information used by government officials. Examples of information found on a GIS can include a sewer map; sewer features such as pipe location, diameter, length, material, condition, last date cleaned or repaired. The GIS also typically contains base information such as streets and parcels.
Infiltration/Inflow (I/I) – Infiltration is generally considered to be extraneous water that enters the sewer system over longer periods of time, such as groundwater seepage through cracks in the sewer. Inflow is generally considered to be extraneous water that enters the system as a direct result of a rain event, such as through defects in the sewer. While it is impossible to control all I/I, it is certainly desirable to reduce I/I when cost-effective.
Lateral – A lateral is an underground segment of smaller diameter pipe that transports sewage from a customer's building or property (residential, commercial, or industrial) to the Enrollee's main sewer line in a street or easement.
Legally Responsible Official - A Legally Responsible Official is an official representative, designated by the Enrollee, with authority to sign and certify submitted information and documents required by the General Order.
Sewage - Sewage, and its associated wastewater, is untreated or partially treated domestic, municipal, commercial, and/or industrial waste (including sewage sludge), and any mixture of these wastes with inflow or infiltration of stormwater or groundwater, conveyed in a sanitary sewer system.
Sewer System Management Plan - A sewer system management plan is a living document an Enrollee develops and implements to effectively manage its sanitary sewer system(s) in accordance with the General Order.
Spill - A spill is 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.
Wastewater Collection System – All pipelines, pump stations, and other facilities upstream of the headworks of the wastewater treatment plant that transport wastewater from its source to the wastewater treatment plant.
Waters of the State - Waters of the State are surface waters or groundwater within boundaries of the state as defined in Water Code section 13050(e), in which the State and Regional Water Boards have authority to protect beneficial uses. Waters of the State include, but are not limited to, groundwater aquifers, surface waters, saline waters, natural washes and pools, wetlands, sloughs, and estuaries, regardless of flow or whether water exists during dry conditions. Waters of the State include waters of the United States.
Waters of the United States (paraphrased from 33 CFR Part 328) – All waters which are used, were used or may be used in interstate or foreign commerce; including interstate wetlands; all other waters such as intrastate lakes, rivers, streams (including intermittent streams), adjacent wetlands, impoundments of water, etc., the use, degradation or destruction of which could affect interstate or foreign commerce; tributaries of waters so identified; and the territorial seas.

1 Goal and Introduction

1.1 To achieve this primary goal, the City of Lakewood (City) has established the following support goals:

1. The City's sanitary sewer collection system is properly operated, maintained and managed to reduce frequency and severity of sanitary sewer overflows (SSOs) and their potential impacts on public health, safety, and the environment.
2. When an SSO occurs, prompt action is taken to report the event to the appropriate regulatory authorities and identify, contain, and remove the source of the spill. The City will notify the public in a timely manner if the spill containment requires street closures, restrictions to public areas, or enters the storm drain system or affects a water source.
3. All SSOs, system deficiencies, and remedial actions are well documented.
4. The City's sewer system operators, employees, contractors, responders, and other agents are adequately trained and equipped to address any SSO events.
5. The City's sewer system is designed, constructed and funded to provide adequate capacity to convey base flows and peak flows while meeting or exceeding applicable regulations, laws and the generally accepted practices relative to sanitary sewer system operation and maintenance.
6. Maintain uninterrupted sewage flow without health hazard, effluent leakage, or water infiltration and inflow.
7. Maintain standards and specifications for the installation of new wastewater systems.
8. Through contracting with CSMD, implement and manage a control program to limit fats, oils, grease, and other debris that may cause blockages in the sewer collection system.
9. Through contracting with CSMD, identify and prioritize structural deficiencies and implement short-term and long-term maintenance and rehabilitation actions to address each deficiency.
10. Provide excellent customer service through efficient system operation and effective communication strategies.

The City's SSMP has been updated consistent with Order No. 2022-0003-DWQ (or General Order) with a copy of this order included in Appendix A.

Per General Order, the outline of the SSMP is as follows:

1. Goal and Introduction
2. Organization
3. Legal Authority
4. Operation and Maintenance Program
5. Design and Performance Provisions
6. Spill Emergency Response Plan

7. Sewer Pipe Blockage Control Program
8. System Evaluation, Capacity Assurance and Capital Improvements
9. Monitoring, Measurement, and Program Modifications
10. Internal Audits
11. Communication Program

1.1 Regulatory Context

The City's Public Works Department oversees the City's sanitary sewer collection system, which serves a population of approximately 82,986 people and consists of about 166.5 miles of gravity sewer pipelines and one (1) pump station. The City's local sewers discharge into the Los Angeles County Sanitation Districts (LACSD) facilities for conveyance, treatment, and disposal.

The City has one (1) budgeted management position directly involved in sewer system responsibilities. The field operation and maintenance services are fulfilled by utilizing the services provided by the Los Angeles County Consolidated Sewer Maintenance District (CSMD), which is managed by the Los Angeles County Public Works (LACPW). The distribution of the City's personnel and contracted services are depicted in the organization chart presented in Section 2.3 of this plan.

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

1.2 SSMP Update Schedule

The previous Order 2006-0003-DWQ required each enrollee to develop its initial Sewer System Management Plan per the following schedule (based on population served), with required Plan updates at a frequency of five years thereafter:

Systems serving populations: Greater than 100,000: May 2, 2009
Between 100,000 and 10,000: August 2, 2009
Between 10,000 and 2,500: May 2, 2010
Less than 2,500: August 2, 2010

The new Order 2022-0103-DWQ (General Order) carries forth the previously required Plan Update schedule per Order 2006-0003-DWQ. Per the six-year Plan Update frequency requirement of the new General Order, the Enrollee shall certify and upload its first Plan Update, to the on-line California Integrated Water Quality System (CIWQS) Sanitary Sewer System Database by the following due dates, with subsequent Plan Updates at the frequency of six years thereafter:

Systems serving populations: Greater than 100,000: May 2, 2025
Between 100,000 and 10,000: August 2, 2025
Between 10,000 and 2,500: May 2, 2026
Less than 2,500: August 2, 2026

Since the City of Lakewood serves a population of between 10,000 and 100,000, the due date for uploading the Plan Update is August 2, 2025. However, due to a delay of obtaining data and information from CSMD, Lakewood was unable to obtain approval until September 9, 2025, the date of the next City Council meeting as a result of council being dark for several weeks. See Appendix E

The City adopted its previous SSMP in 2014. Once adopted by the City Council, this Updated SSMP will be certified by Environmental Programs Manager as the Legally Responsible Official (LRO), uploaded to the CIWQS Sanitary Sewer System Database pursuant to General Order 2022-0103-DWQ and posted on the City's website.

Pursuant to the new Order, the City shall have an internal audit of this Updated SSMP at a minimum frequency of once every three years. This audit will be conducted within three years of the adoption of this updated SSMP or the last SSMP audit. Within six months after the end of the required 3-year audit period, the Legally Responsible Official shall submit an audit report into the online CIWQS Sanitary Sewer System Database per the requirements of General Order 2022-0103-DWQ.

A detailed schedule and a list of required audit contents is denoted in Section 10 of this SSMP. In accordance with the General Order, Table 1-1 below outlines the schedule for both the SSMP audits and the SSMP updates (re-certifications):

Table 1-1
City of Lakewood SSMP Audit and Update Schedule

Previous SSMP Audit Due Date	SSMP Update or Re-certification Due Date	1st Upcoming SSMP Audit Due Date*	2nd Upcoming SSMP Audit Due Date*	Next SSMP Update or Re-certification Due Date
2/02/2025	8/02/2025	8/02/2027	8/02/2030	8/02/2031

* Audit reports are due six months after the audit due date.

Sewer spills within the system are monitored and recorded in terms of location, duration, volume, and cause. Their frequency and causes are analyzed by the CSMD on an on-going basis to determine if more active cleaning or other maintenance activities can be taken to prevent or reduce future spills.

As the CSMD manages the City's sewer facilities, any CSMD initiatives for sewer spill prevention positively impact the City's sewer operations as well. CSMD plans to implement several initiatives addressing the prevention of sewer spills, as outlined in Section 1.4 of LACPW's 2025 SSMP. These initiatives include employing the use of new data management software, initiating condition assessment programs for sewer pipelines and pump stations, and implementing a rate increase to sustain operations and maintenance of the sewer infrastructure.

1.3 Sewer System Asset Overview

Lakewood is a city located in the southeast region of Los Angeles County, California. Situated about 23 miles southeast of Los Angeles, it lies approximately seven miles inland from the Pacific Ocean. The city encompasses an area of about 9.5 square miles, bounded by nearby cities of Hawaiian Gardens, Long Beach, Bellflower, Cerritos and Cypress. The City contains a mix of residential neighborhoods and commercial areas and is almost completely developed. Lakewood is predominantly a single-family community with 85 percent of its housing units being single-family detached structures. The economic base of the city is primarily commercial/retail. Almost 3,000 businesses are in Lakewood. Lakewood has about 150 miles of streets and 300 miles of sidewalks. Approximately 150 acres of the city is devoted to parks and other landscaped open space. A map showing the general vicinity and boundary of the City is shown on Figure 1-1.

The City's gravity sewer system includes approximately 879,003 linear feet (166.48 miles) of pipelines ranging in diameter from 6-inch to 21-inch, and approximately 3,310 manholes. See Table 1-2 for the breakdown of the City's pipelines by size and material.

There is one (1) pump station in the system and all gravity lines discharge to the LACSD trunk sewers at various locations for conveyance, treatment, and disposal. Lakewood's sewer system discharges to the City of Long Beach city sewer system. The sanitary sewer collection system does not accept diversions from stormwater collection systems.

Table 1-2
Sewer System Inventory

Pipe Dia. (in.)	Material	Number of Pipes
6	VCP	1
6	Ductile Iron	1
8	ABS	27
8	Ductile Iron	5
8	Cast Iron	2
8	VCP	6,192
10	VCP	186
10	Cast Iron	1
12	VCP	158
15	VCP	121
18	VCP	24
21	VCP	18
Total		6,736
Total Manholes	3,310	

2 Organization

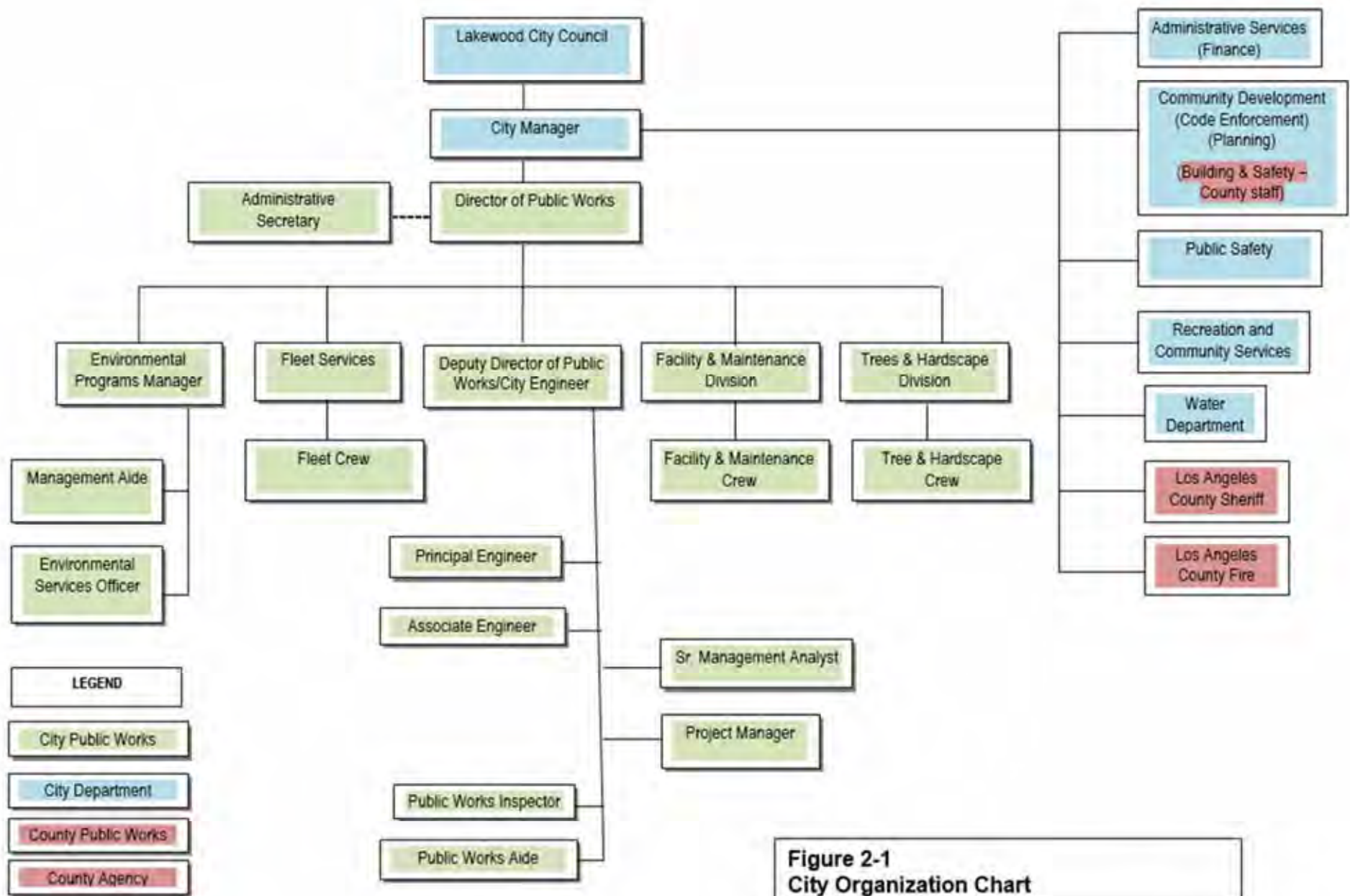
As stated in Order No. 2022-0003-DWQ:

- (i) **Organization:** *The Plan must identify organizational staffing responsible and integral for implementing the local SSMP through an organizational chart of similar narrative documentation that includes:*
 - (a) *The name of the Legally Responsible Official as described in Section 5.1 (Designation of a Legally Responsible Official) of this General Order;*
 - (b) *The position titles, telephone numbers, and email addresses for management, administrative, and maintenance positions responsible for implementing specific SSMP elements. The SSMP must identify lines of authority through an organization chart or similar document with a narrative explanation;*
 - (c) *Organizational lines of authority; and*
 - (d) *Chain of communication for reporting spills from receipt of a complaint or other information, including the person responsible for reporting spills to the State and Regional Water Boards and other agencies, as applicable (for example, county health officer, county environmental health agency, and State Office of Emergency Services).*

2.1 Management and Maintenance

The City's Public Works Department manages the City's sanitary sewer collection system, which serves a population of approximately 82,986 and consists of about 166.48 miles of gravity sewer lines. The City's local sewers discharge primarily into Los Angeles County Sanitation Districts (LACSD) facilities for conveyance, treatment, and disposal.

The City has one budgeted management position directly involved in sewer system responsibilities – the Environmental Programs Manager. The field operation and maintenance services are fulfilled by utilizing the services provided by CSMD, which is managed by LACPW. The distribution of the City's personnel and contracted services are depicted in the organization chart presented in Figure 2- 1.



2.2 City Staff Responsibilities

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

- **City Council** - Responsible for establishing new and amending existing ordinances and policies governing the municipal operations and the operation of the City's sanitary sewer system, including the approval of all SO&M contracts and agreements, to protect the community's interest.
- **City Manager** - Responsible for the overall management and application of all legal and policy directives that relate to the City's activities, including the operation and maintenance of the City's sanitary sewer system.
- **Director of Public Works** - Directs the accomplishment of statutory and policy criteria within the scope of the City Council's policy and legal requirements. Directs its execution and evaluates work accomplished within his/her areas of responsibility, including the SO&M Program. Also directs the planning, budgeting, design for the construction of a new sewer collection system, and rehabilitation of existing sewer collection systems.
- **Deputy Director of Public Works/City Engineer** - Performs a wide range of professional and complex civil engineering work in redesign, construction, management, and maintenance of Public Works projects. May act as the Public Works Director in his/her absence and performs other duties as assigned.
- **Environmental Programs Manager** - This position facilitates sewer collection system operation and maintenance activities through the contract with LACPW as the City's representative in the CSMD. Responsible for preparing reports to the SWRCB such as SSMP and Audits, conducts outreach and education on FOG to residents and businesses. Also reviews plans to ensure Industrial Waste Permits are issued and GCDs installed. Oversees MS4 Permit and solid waste/recycling regulations.

2.3 Authorized Representatives

2.3.1 Positions Responsible

The City has the following staff authorized to serve as Legally Responsible Officials (LROs) who are legally accountable for ensuring compliance with the State Water Resources Control Board's Waste Discharge Requirements (WDRs) for sanitary sewer systems.

- Konya Vivanti, Environmental Programs Manager (**Primary LRO**)

Responsibilities of the LRO include:

- Certifying the SSMP and its updates
- Certifying reports submitted to the California Integrated Water Quality System (CIWQS), such as Sewer Spill Reports and SSMP Audits
- Ensuring the City implements and maintains the SSMP in accordance with the WDRs

2.4 Spill Reporting Chain of Communication

The chain of communication for reporting sewer spills, from receipt of a complaint or other information sources to the appropriate regulatory agencies, is presented in Figure 2-2. A contact directory for communicating with both internal and external parties involved in responding and reporting a spill or overflow event is shown in Figure 2-3. For additional contact information for CSMD departments, please refer to the most recent CSMD SSMP.

2.5 City Divisions/Departments and Other Agencies

Other divisions or departments within the City and contracted services responsible for carrying out some of the compliance actions called for by the WDRs for the City are described below:

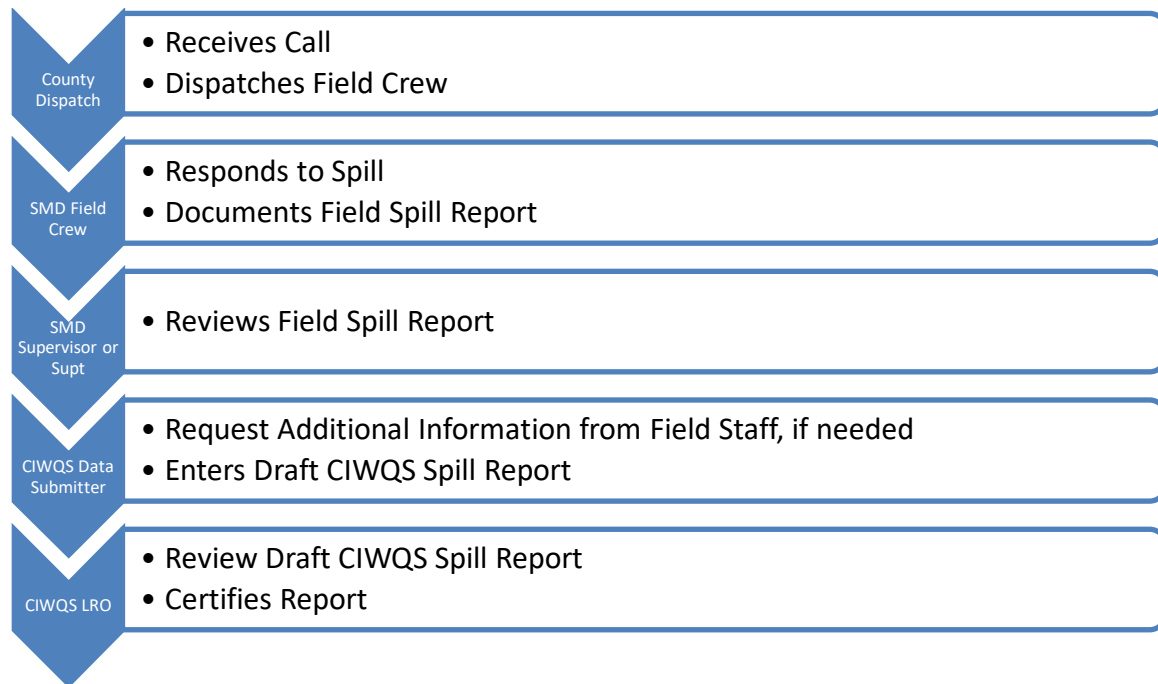
- **Administrative Services Department** – Responsible for accounting services, investigating sewer spill-related claims and litigations against the City, and printing and mailing of utility bills for water and trash.
- **Los Angeles County Building and Safety Division** - Responsible for reviewing various building permit applications, their relationship to public easements and facilities, and issuing permits for sewer connections. Also, the enforcement of Plumbing Codes involving proper connection and discharge into the public sewer system and the property owner's maintenance of their respective sewer laterals between the structure served and the public mainline sewer.
- **City Public Works Department** - Responsible for preparing plans and specifications for sewer construction and rehabilitation projects and the administration of contracts for accomplishing such projects and emergency sewer repair projects. Plan checks sewer-capacity studies to size proposed sewer lines and sets requirements to ensure adequate capacity in existing systems. Reviews easement documents or identifies and procures access rights for public sewer facilities located within private properties. Responsible for the enforcement of Health and Safety Codes regarding waste disposal, such as the Fats, Oils, and Grease (FOG) Control Program, point source control inspection of industrial and commercial waste and grease generating facilities, and investigation of cases of illicit discharge of chemicals, debris, etc., into the public sewer system. This is undertaken in concert with LACPW's Environmental Programs Division (EPD), Industrial Waste Unit.
- **Community and Economic Development Department** - Responsible for subdivision or development project plan checks to ensure compliance with the City's standards for construction of new sewer collection systems.
- **LACPW** - Responsible for the day-to-day management and operation oversight of the City's sewer collection system. Sewer Maintenance and Environmental Programs Divisions provide critical services to the City to address the mandates of the WDRs. Sewer Maintenance Division

is responsible for operational maintenance services of the City's sewer collection system, including cleaning, closed-circuit television (CCTV) inspection, manhole inspection, and repairs. Environmental Programs Division (EPD) is responsible for implementing the City's Industrial Waste and FOG Control Programs, which include permitting, inspection, and enforcement of illicit discharges to the public sewer system in concert with the City's Code Enforcement Division. The County Building and Safety Division provides plan checking services.

Responsible for training sewer maintenance personnel, procuring equipment and as-needed contract services for emergency sewer repair projects and procuring materials and supplies needed for the day-to-day operation and maintenance activities.

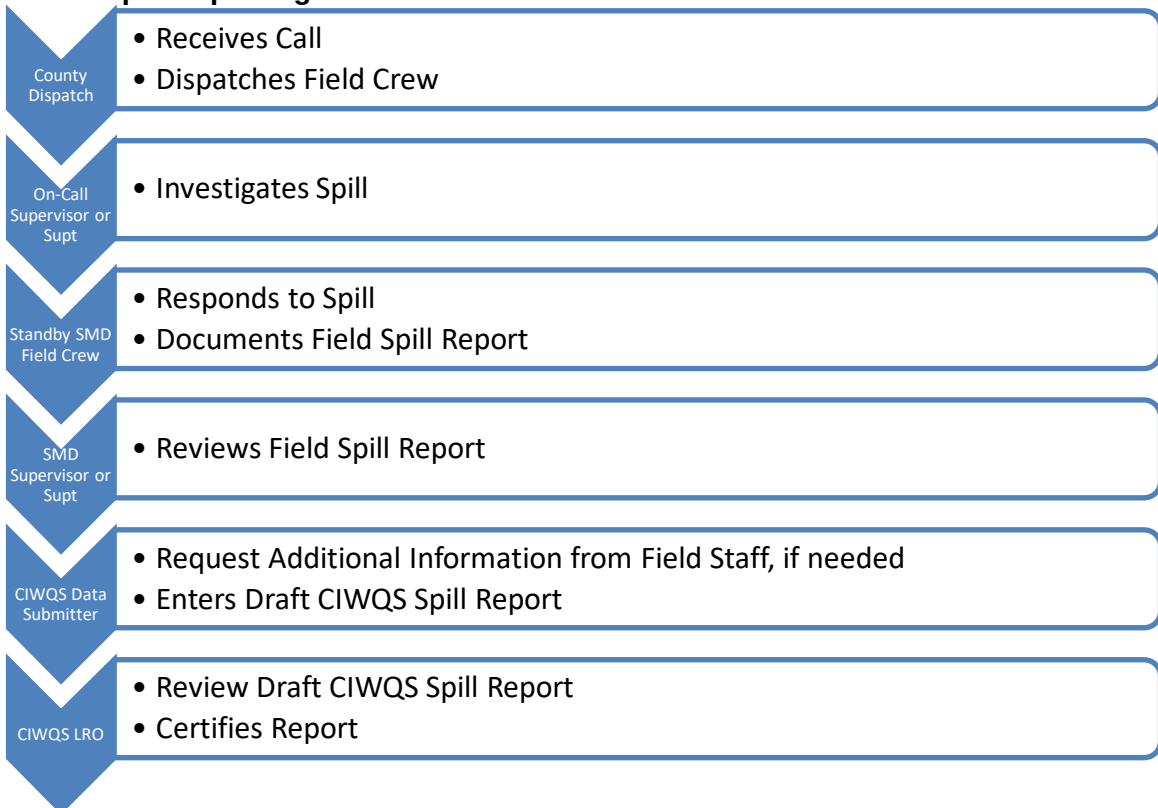
- **Los Angeles County Fire Department** - Responsible for assisting with protecting the public in the event of a sewer spill that expands into high-use public travel ways and/or spills that reach storm drains or water courses and spread the effect of public risk to health and safety impacts.
- **Los Angeles County Sheriff's Department** - Responsible for operating the Emergency Operation Center for the entire City, including handling after-hour service calls reporting sewer spills, pump station malfunction calls, and forwarding those reports to LACPW.

Figure 2-2: 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.

Spill Reporting Chain of Communication – After Hours



City		
Thaddeus McCormack	City Manager	(562) 866-9771
Kelli Pickler	Public Works Director	(562) 866-9771
Dario Simoes	Deputy Public Works Director/City Engineer	(562) 866-9771
Konya Vivanti	Environmental Programs Manager	(562) 866-9771
24 Hour On-Call Gatekeeper		(562) 866-9971 ext. 1

CSMD			Field Offices	
Board of Supervisors			Central	
Hilda L. Solis	Supervisor, First District	(213) 974-4111	Central	(562) 941-7011
Holly J. Mitchell	Supervisor, Second District	(213) 974-2222	East	
Lindsay P. Horvath	Supervisor, Third District	(213) 974-3333	East	(626) 446-5227
Janice Hahn	Supervisor, Fourth District	(213) 974-4444	South	
Kathryn Barger	Supervisor, Fifth District	(213) 974-5555	South	(323) 233-3330
Public Works			North	
Mark Pestrella	Director	(626) 458-4001	North	(661) 942-6042
Angela R. George-Moody	Chief Deputy Director	(626) 458-4003	Santa Clarita	
Miki Esposito	Assistant Director	(626) 458-4019	Santa Clarita	(661) 222-2569
Cid Tesoro	Deputy Director - Env. Services	(626) 458-4016		
Sewer Maintenance Division				
Andrew Ngumba	Division Manager	(626) 300-3304		
Alex Villarama	Principal Civil Engineer	(626) 300-3374		
Clerical Support Staff				
Violeta Roldan	Senior Secretary IV	(626) 300-3309		
(Office Engineering & Budget)				
Robert Swartz	Senior Civil Engineer	(626) 300-3367		
Sewer Plan Check Unit				
Sandra Medina	Associate Civil Engineer	(626) 300-3363		
Mapping & Annexation Unit				
Julie Zhu	Supervising Geographic Information System Technician	(626) 300-3311		
Procurement				
Kathy Wang	Financial Specialist III	(626) 300-3322		
Direct Assessment Unit				
Linh La	Staff Assistant II	(626) 300-3340		
Accumulative Capital Outlay/Condition Assessment Unit				
May Hong	Civil Engineer	(626) 300-3388		
(Field Operations – Pump Stations)				
Jeff Bouse	Senior Civil Engineer	(626) 300-3373		
Jonathan Gonzalez	Civil Engineer	(626) 300-4693		
Mark Ramirez	Electro-Mechanic Supervisor	(626) 300-4682		

FIGURE 2-3
ORGANIZATION CHART CONTACT DIRECTORY

3 Legal Authority

As stated in General Order No. 2022-0003-DWQ:

The Plan 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:

- (a) 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;*
- (b) 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;*
- (c) Require that sewer system components and connections be properly designed and constructed;*
- (d) Ensure access for maintenance, inspection, and/or repairs for portions of the lateral owned and/or operated by the Enrollee;*
- (e) Enforce any violation of its sewer ordinances, service agreements, or other legally binding procedures; and*
- (f) Obtain easement accessibility agreements for locations requiring sewer system operations and maintenance, as applicable.*

3.1 Overview

The City's legal authority to own and operate a sanitary sewer system is derived from its incorporation as a City. The City on April 16, 1954, granted Los Angeles County consent and jurisdiction to annex portions of the City sewer system into the CSMD. By that action, the City has entrusted the management, operation, and maintenance of its local sanitary sewer system to the CSMD. The City, however, still maintains ownership of the sewer system.

The City of Lakewood has a Service Agreement with the CSMD. Hence, the provision of District's services is dependent on the specific terms of this agreement. It is assumed that the legal authorities are extended to the District to provide services to the City. The service agreement is included in Appendix B.

The LACO Code, LACO Plumbing Code, and other materials cited in this Section can be found online in the links below:

- Los Angeles County Code (LACO Code):
https://library.municode.com/ca/los_angeles_county/codes/code_of_ordinances
- Los Angeles County Plumbing Code (LACO Plumbing Code):
https://library.municode.com/ca/los_angeles_county/codes/code_of_ordinances?nodeId=T128PLCO

3.2 Authority to Prevent Illicit Discharges

3.2.1 Prevention of Illicit Discharge of Waste

In accordance with the City's Municipal Code (CMC), Title 8, Chapter 2, the City has adopted the 2023 Edition of Title 28 of the Los Angeles County Plumbing Code, which incorporates most provisions of the California Plumbing Code as its plumbing code.

Per Title VII, Chapter 2, Section 7201 of the CMC, the City has also adopted LACO TITLE 20, which regulates sanitary sewers and industrial waste in the County as its Sanitary Sewer and Industrial Waste Use Ordinance. LACO TITLE 20, Section 20.36.010, prohibits the illegal dumping of offensive or damaging substances such as chemicals, debris, etc. Other sections of LACO TITLE 20 that prohibit various forms of illicit discharges are 20.24.020, 20.24.200, 20.32.080, 20.32.650, etc.

The City, as one of the CSMD cities, benefits from the CSMD's 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 TITLE 20, Section 20.40.045, the Los Angeles County Board of Supervisors has established a financial plan to ensure capital replacement or rehabilitation of sewer lines prone to I/I within the CSMD's service area.

3.2.2 Prevention of Illicit Discharge of Infiltration/Inflow

The CSMD implements an Inflow and Infiltration (I/I) control program as part of its ongoing sewer line cleaning and maintenance efforts. This program includes the use of CCTV inspections and other methods to identify sources of I/I.

To support this effort, the Los Angeles County Board of Supervisors has established a financial plan—codified in Los Angeles County Code Section 20.40.045—to fund the capital replacement or rehabilitation of sewer lines susceptible to I/I within the CSMD.

In addition, LACO Code Section 20.24.080 mandates that property owners are responsible for maintaining their house laterals, including repairing cracks and removing tree roots or other obstructions. A corresponding requirement is also outlined in Section 101.3.2 of the Los Angeles County Plumbing Code (Title 28).

3.3 Authority to Collaborate with Storm Sewer Agencies

There are no storm sewers in the region as storm drains and sanitary sewer systems are separate with no intentional connections, therefore collaboration with storm sewer agencies is not applicable.

While there are no anticipated direct connections between sewer and storm drain infrastructure, in the event of a sewer spill, the City shall take all feasible steps to prevent untreated or partially treated wastewater from discharging into storm drains, flood control channels, or waters of the United States by blocking the storm drainage system, and removing wastewater from the storm drain infrastructure.

Los Angeles County Department of Public Health requires all cities in the County to report sewer spills that reach a drainage system within 15 minutes of knowledge of the event. As a result, Los Angeles County Flood Control District is notified and, in turn, can provide support, share information and access

to County's drainage system facilities, if needed. The County's Sewer Maintenance Division, being a sister department to the County's Flood Control District, allows for direct collaboration, efficient management and resolution of spills and drainage issues.

3.4 Authority to Require Proper Design and Construction of Sewers

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

3.5 Authority to Ensure Access to Publicly Owned Portion of Lateral

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

3.6 Authority to Limit Discharges of FOG and other Debris

The City, by adopting LACO TITLE 28 and LACO TITLE 20, has the legal authority to satisfy this element of the WDRs. LACO TITLE 28 requires the installation of grease interceptors at restaurants and other food establishments that generate grease in the City. Section 714.1 of California Plumbing Code prohibits the discharge of FOG and other substances that may, among other things, clog, obstruct, fill, or necessitate frequent repairs, cleaning out, or flushing of sewer facilities in the City's sewer system.

This prohibition is also contained in LACO TITLE 20, Section 20.36.400. LACO TITLE 20, Section 20.36.560, gives the Director of Public Works/City Engineer the authority to require the installation of treatment facilities, including grease interceptors, at any facility that generates FOG in the amount that will damage or increase the maintenance costs of the sewer collection system.

3.7 Authority to Enforce Violation of Sewer Ordinances

LACO TITLE 20, Section 20.24.090, gives the Public Works Director 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 Public Works Director or City Engineer is empowered to enforce all 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, LACO TITLE 28, standard plans, specifications, and other material cited in this chapter are filed at the Public Works Director's office.

3.8 Authority to Obtain Easement Accessibility Agreements When Applicable

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

4 Operation and Maintenance Program

As stated in General Order No. 2022-0003-DWQ, in its Operation and maintenance Program, the SSMP must include the items in the sub-sections below as appropriate and applicable to the Enrollee's system:

- (a) *Maintain an up-to-date map 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 all gravity line segments and manholes, pumping facilities, pressure pipes and valves, and applicable storm water conveyance facilities within the sewer system service area boundaries;*
- (b) *Describe 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, high-frequency inspections and maintenance of known problem areas, (including areas with tree root problems), and 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 or failure.*
- (c) *Provide in-house and external training on a regular basis for sanitary sewer system operations and maintenance staff and contractors. The training must cover: the requirements of the General Order, the Enrollee's Spill Emergency Response Plan and practice drills, skilled estimation of spill volume for field operators, and electronic CIWQS reporting procedures for staff submitting data; and*
- (d) *Provide sewer system equipment and replacement part inventories, including identification of critical replacement and spare parts.*

4.1 Up-to-Date Map of the Collection System

The existing wastewater collection system consists primarily of vitrified clay pipe (VCP) with a small portion of acrylonitrile butadiene styrene (ABS) pipe, ductile iron pipe, and cast iron pipe. The gravity pipeline diameters range in size from 6-inch to 21-inch. The City connects to the LACSD's system at several locations and to other city systems (Long Beach) before eventually discharging to the LACSD system.

The City's Sanitary Sewer System showing all gravity lines and manholes within the service area boundaries is shown on Figure 4-1. There is one (1) pump station or force mains in the City's system.

The City's sewer system maps can be accessed by contacting the City or, also, by referencing the County's up-to-date maps of the District's sewer system via:

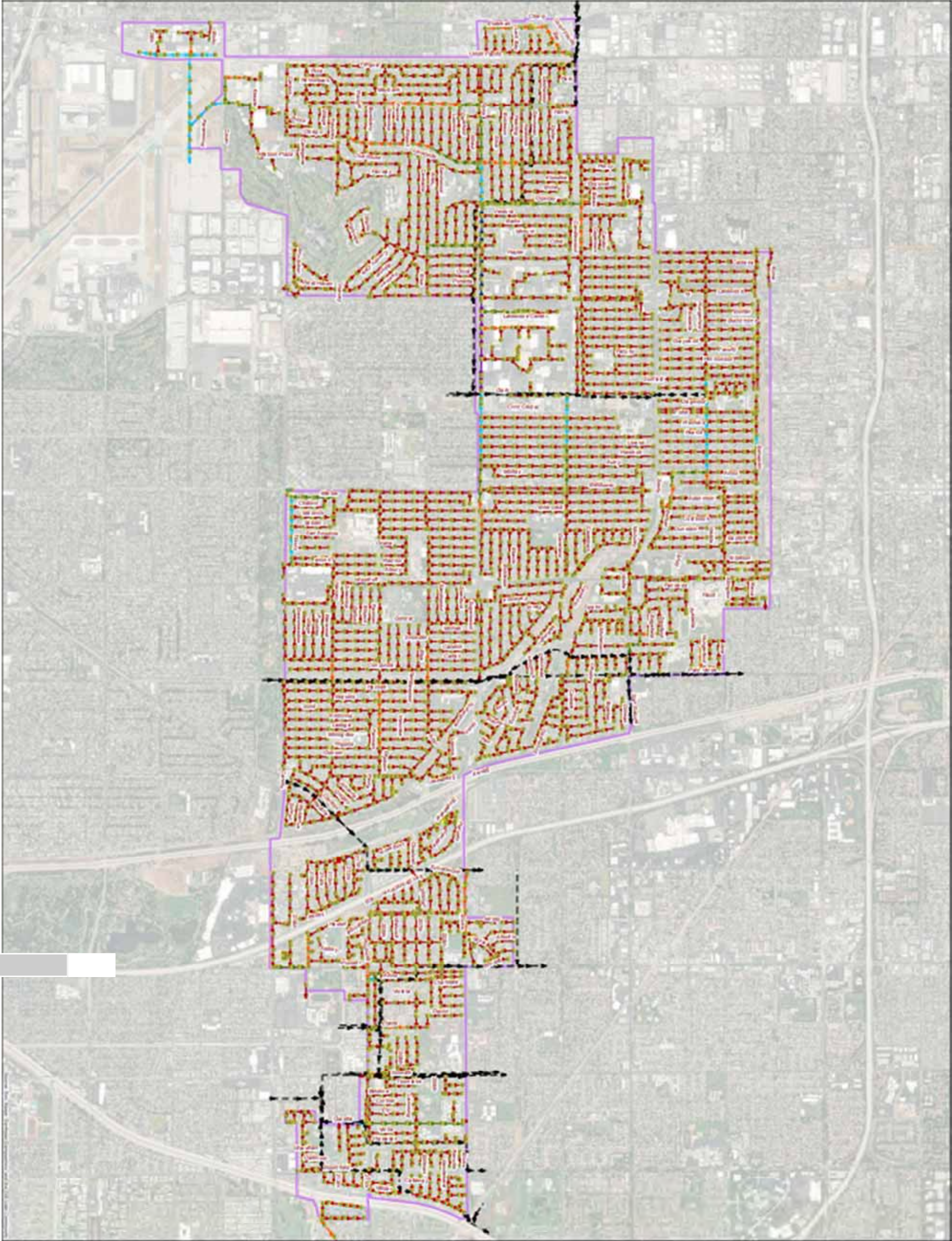
- Interactive GIS-maps: <https://dpw.lacounty.gov/smd/sewernetwork/>
- Electronically available as-builts:
<https://pw.lacounty.gov/smpm/landrecords/SewerPlans.aspx>
- Printed and electronically available Map Books:
https://dpw.lacounty.gov/sewer/Page_15

More information on County's procedures for map maintenance and their public accessibility can be found in LACPW's SSMP.

EXISTING SEWER
FACILITIES



SANITARY SEWER
MASTER PLAN



Legend

- City of Lakewood Sewer Pipes
 - 6" (2 pipes)
 - 8" (6,226 pipes)
 - 10" (187 pipes)
 - 12" (158 pipes)
 - 15" (121 pipes)
 - 18" (24 pipes)
 - 21" (20 pipes)
- City of Lakewood Sewer Pump Stations
 - City Lakewood Sewer Manholes
- County Sewer Pipes
- City Boundary



0 500 1,000 1,500 2,000 Feet



FIGURE 4-1

4.2 Preventive Operation and Maintenance Program

The City falls within the jurisdiction of the Consolidated Sewer Maintenance District (CSMD) and, as such, totally depends on the staff and resources of Los Angeles County Public Works (LACPW) for the sewer operation and maintenance (O&M) of its collection system. The O&M programs administered by CSMD - outlined in detail in the Districts' SSMP - are fully applicable to the City.

Sewer services for the City are primarily provided by the CSMD Central Maintenance Yard, located at 12015 Shoemaker Avenue, in the City of Santa Fe Springs. Additional support, particularly for after-hours needs such as standby response, callbacks, and other sewer-related emergencies, is provided by personnel from four additional maintenance yards. CSMD maintenance yard locations can be found in the Appendices of the County's SSMP. All maintenance equipment used within the City is owned by CSMD, and a comprehensive equipment inventory can be found in Section 4 of the County's SSMP.

To fund these maintenance services, the County imposes an annual sewer service charge of \$50.50 per sewage unit (SU), equivalent to a single-family dwelling unit, levied by CSMD and collected through annual property tax bills in all cities that are part of the CSMD. \$41.50 of this amount is used for sewer maintenance services. The remaining \$9.00 portion of the sewer service charge is for condition assessment and rehabilitation, as described in Sections 4.4.1 and 4.4.2. These funds are administered by LACPW, with annual reviews and adjustments to ensure the financial needs of the maintenance programs are met.

In 2024, LA County Public Works conducted a comprehensive Fee Study to determine potential new customer fees to cover the cost of system operations and maintenance for the next five years. These service fee increases will ensure longevity and effectiveness of the system, and was approved in July 2025. The below fee increases are shown below.

Consolidated Sewer Maintenance District						
Current Annual Fee:		\$50.50 (Since 2014)				
	July 2025 – June 2026	July 2026 – June 2027	July 2027 – June 2028	July 2028 – June 2029	July 2029 – June 2030	Total
Proposed Annual Fee	\$64.50 (\$1.35/mo)	\$78.50 (\$1.54/mo)	\$92.50 (\$1.71/mo)	\$94.35 (\$1.84/mo)	\$96.23 (\$1.92/mo)	\$45.73 Total Increase
Monthly Increase	\$1.17	\$1.17	\$1.17	\$0.15	\$0.16	
*2% Adjustment for Inflation						

Below is a summary of the preventive maintenance activities carried out by CSMD within the City.

4.2.1 Sewer Line and Manhole Inspection

The CSMD performs CCTV inspections and rates the structural integrity and maintenance condition of all sewers in its service area on a 10-year cycle (approximately 500 miles of sewer infrastructure each year) and provides a Condition Assessment Program Report for each member city and unincorporated areas in Los Angeles County. The last Condition Assessment Program Report for the City of Lakewood system is dated April 11, 2013. The CSMD completed the latest CCTV inspection in fiscal year 2012-13.

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 manholes and along sewer alignments.

4.2.2 Drop Manholes, Gas Trap Manholes, and Siphons

Drop manholes, gas trap manholes, and sewer siphons are inspected and cleared of blockages and flow restrictions as needed, with variable frequencies dependent on prior inspection records.

4.2.3 Sewer Line Cleaning

Sewer lines are maintained using hydro jetting or mechanical rodding methods. The cleaning frequency is determined based on inspection history. Lines identified as prone to build up from grease, food waste, or sand are scheduled for cleaning on a monthly, quarterly, or semiannual basis. Lines susceptible to root intrusion are periodically cleared by rodding or treated with chemical root control as needed.

The CSMD is responsible to identify and maintain the City's "hot spots," or areas that require more focused and regular cleaning, with the intent to prevent sewer spills.

4.2.4 Treatment Plants and Pumping Stations

The City has one pump station, which is equipped with telemetry/alarm system and is inspected once a week. Pumps and motors are lubricated, control mechanism and valves are checked and adjusted as necessary, and equipment is repaired or modified as required.

4.2.5 Root Foaming

Root foaming is performed by the CSMD on main sewer lines based on extent and severity of root intrusion, usually associated with overflowing. The frequency of root foaming is initially once per year, then decreases to an 18-to-24-month frequency.

4.2.6 Vermin and Rodent Control

Sewers infested by insects are chemically treated as needed based on inspection records and visual observation. Sewers infested with rodents are baited with the intent to lower the rodent population. The CSMD is responsible for treating pipelines for vermin and rodents on an as-needed basis. If the City is made aware of locations with high vermin concentration, the City will inform the CSMD who will take necessary action.

4.3 Scheduling and Data Collection

4.3.1 Work Schedules

Work orders for CSMD activities within the City are created and managed through the LACPW Maintenance Management System (MMS). Field operations performed by CSMD crews are documented using various forms, including service requests, cleaning logs, daily maintenance reports,

manhole adjustment records, and overflow report forms. All documentation is stored in the MMS database and can be provided to the City upon request.

4.3.2 City Sewer 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 SMD's Computer Aided Design and Drafting System (CADD). Information generated by CADD is printed on Index Map Sheets stored by LACPW, Sewer Maintenance Division, located at 1000 South Fremont Avenue, Alhambra, California. The Index Maps are also kept at SMDs' field yards. The maps are updated, as necessary, to reflect any changes in the system. Sewer improvement plans are located at LA County's Sanitary Sewer Network website (<https://pw.lacounty.gov/smd/sewernetwork/>), and if needed, the WRCB can request GIS data from the SMD.

4.4 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.

4.4.1 CSMD ACO Program

Since the City of Lakewood participates in the CSMD's Accumulative Capital Outlay (ACO) Program, Lakewood's property owners are assessed an annual fee of \$15 per sewage unit (SU) to fund rehabilitation and replacement of the sewer collection system. This \$15 per SU is included in the overall new \$64.50 annual sewer service charge, which is collected via property owners' annual tax bills throughout the District's service area. The ACO Program is overseen and administered by LACPW.

Through the ACO Program, any segment of the sewer system identified as structurally deficient—whether discovered during routine inspections, emergency responses, or the Condition Assessment Program—is either repaired immediately as part of an emergency project or added to a prioritized list of upcoming short- and long-term rehabilitation and replacement efforts. In cases where sewer issues are related to capacity, such as hydraulic limitations caused by overdevelopment or zoning changes, LACPW refers those concerns to the City for appropriate action.

4.4.2 Condition Assessment Program

The City currently contains approximately 166 miles of sewer lines and one pump station, with a detailed inventory of existing sewer collection infrastructure provided in Appendix C. These pipelines, which range in diameter from 6 to 21 inches, are primarily constructed of vitrified clay pipe (VCP), ductile iron pipe, acrylonitrile butadiene styrene (ABS), and cast iron pipes. Over time, as the system ages, structural issues such as cracks, joint separations, and root intrusions are expected to arise. To address and mitigate these issues effectively, the Waste Discharge Requirements (WDRs) mandate that the City or its designated agent maintain a well-funded program to identify and correct such deficiencies.

As previously discussed, the City is part of the CSMD and actively participates in its ACO/Sewer Condition Assessment Program. Property owners within the CSMD are assessed \$15 per sewage unit (SU) annually to fund this program, which is included in the total sewer service charge of \$64.50 per SU collected through annual property tax bills. This assessment is reviewed and adjusted each year by LACPW to ensure adequate funding for ongoing condition assessment efforts.

Through the Condition Assessment Program, LACPW conducts closed-circuit television (CCTV) inspections of the entire sewer system within the City on a ten-year cycle to evaluate pipe conditions. LACPW oversees both the management of program funds and the implementation of assessment activities.

4.5 Training

All personnel responsible for operating and maintaining the City's sewer system are employed by LACPW. Training for CSMD staff is managed exclusively by LACPW, not the City. Details regarding the training practices and procedures followed by LACPW are provided in Chapter 4.4 of the County's SSMP.

The City of Lakewood staff, however, receives periodic training on the requirements of General Order. While CSMD staff are internally trained to implement the procedures outlined in the County's Spill Emergency Response Plan (SERP) within the City's service area, including skilled estimation of spill volumes and CIWQS reporting, the City staff are aware of the County's SERP provisions and CIWQS database reporting requirements.

While the City does not have a formal training program for contractors performing sewer-related work, construction contracts are awarded through a competitive bidding process to contractors with proven qualifications and trained personnel. The plans and specifications developed for City sewer construction projects include comprehensive guidance on the City's permitting processes, standards, and policies, which all contractors are required to follow. The City's designated Legally Responsible Official is responsible to read and become familiar with the new General Order 2022-003-DWQ, as well as the CIWQS reporting requirements and procedures.

4.6 Equipment Inventory

All equipment used for maintaining the City's sewer infrastructure is owned by the CSMD. LACPW is fully responsible for both the upkeep and replacement of this equipment. Details of LACPW's Equipment Replacement Policy and a list of all major sewer O&M equipment quantities can be found in Chapter 4.5 of the County's SSMP.

5 Design and Performance Provisions

As stated in Order No. 2022-0003-DWQ:

- (i) *Updated design criteria, and construction standards and specifications, for the construction, installation, repair, and rehabilitation of existing and proposed systems 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.*
- (ii) *Procedures and standards for inspecting and testing of newly constructed, newly installed, repaired and rehabilitation systems pipelines, pumps, and other appurtenances.*

5.1 Design Criteria, Construction Standards and Specifications

The City mandates that all sewer system designs comply with Los Angeles County Public Works (LACPW) standards. LACPW maintains standardized plans and specifications for the construction of sanitary sewers and related appurtenances to ensure proper design and installation of sewer lines and connections. These specifications incorporate, by reference, the Standard Plans and Specifications for Public Works Construction, along with applicable special provisions and standard drawings.

In addition, LACPW provides supplementary guidance documents—such as the *Private Contract Sanitary Sewer Procedural Manual* and *Guidelines for the Design of Pump Stations*—to promote uniformity in the design of sewer collection systems in unincorporated County areas. The City also requires that these same documents be followed for any sewer system design within its boundaries.

To further ensure proper design, all construction drawings must be prepared by licensed professional engineers. These drawings undergo a comprehensive review by both City and SMDs engineers before construction approval is granted. During this review, SMDs focus on verifying that the design incorporates appropriate standards from a maintenance perspective.

5.2 Procedures and Standards for Inspecting and Testing System Improvements

The City provides inspection of new sewer construction projects either through its own personnel or by contracting qualified consultants. For sewer rehabilitation projects conducted under the Accumulative Capital Outlay (ACO) Program, inspections are performed by inspectors from Los Angeles County Public Works (LACPW). Prior to final acceptance and dedication of sewer facilities for public use, the City requires that accurate “As-Built” plans be submitted for review.

In alignment with CSMDs policy, the City also mandates that any newly constructed pumping stations undergo inspection by experienced CSMDs staff before the facilities are officially transferred to CSMD for ongoing maintenance. Additional procedures and standards employed by the CSMD can be found in Section 5.2 of the County’s SSMP.

6 Spill Emergency Response Plan

Chapter 6 of this SSMP addresses the requirements included in Attachment D-6 of the Order. The requirements state:

Spill Emergency Response Plan: *Each Enrollee shall develop and implement a Spill Emergency Response Plan that identifies measures to protect public health and the environment. At a minimum, this plan must include the following:*

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

6.1 Spill Emergency Response Goals

The City, as a member of the CSMD, relies on the services of LACPW for responding, cleaning up, and reporting sewer spills that may occur from a public sewer system in the City.

LACPW's 24-hour emergency phone number 1-800-675-HELP (4357) is readily available to City staff and residents to promptly notify LACPW staff of sewer spills. In the event of a sewer spill in which a

City crew is the first responder, the City will notify CSMD and stay on-site, trying to contain the release if possible, and securing the area until CSMD personnel arrive.

However, the County's CSMD crews are responsible for containing the sewer spills and reporting them to the appropriate regulatory agencies for the City. As previously mentioned, sewer spills that occur within the City are reported to LACPW by telephone. Upon receipt of such calls, LACPW officials follow the notification guidelines contained within the County's Spill Emergency Response Plan (SERP) that can be found in LACPW's SSMP Appendices.

In cases where a sewer spill originates from a private sewer lateral, City of Lakewood Environmental Programs Manager or Code Enforcement is involved and follows the City's enforcement procedures to guide a property owner into compliance. Property owners will be responsible for hiring a licensed plumber to find and take care of a blockage that caused the spill, including thorough clean-up of the sewer spill, especially if it is getting close to the public right-of-way and/or storm drain. Depending on the severity of the spill coming from a private property, City's Environmental Programs Manager or Code Enforcement may involve the Los Angeles County Department of Public Health to help mitigate containment and timely clean up. Figure 6-1 provides an overview of the City's procedures which are followed during a spill event. Appendix D includes City's Spill Response Quick Reference Sheet that is used by staff for prompt response.

Table 6-2 and Figures 6-1 and 6-3 below also provide information on the notification of Regulatory Agencies in case of a spill event and time frames for such notifications.

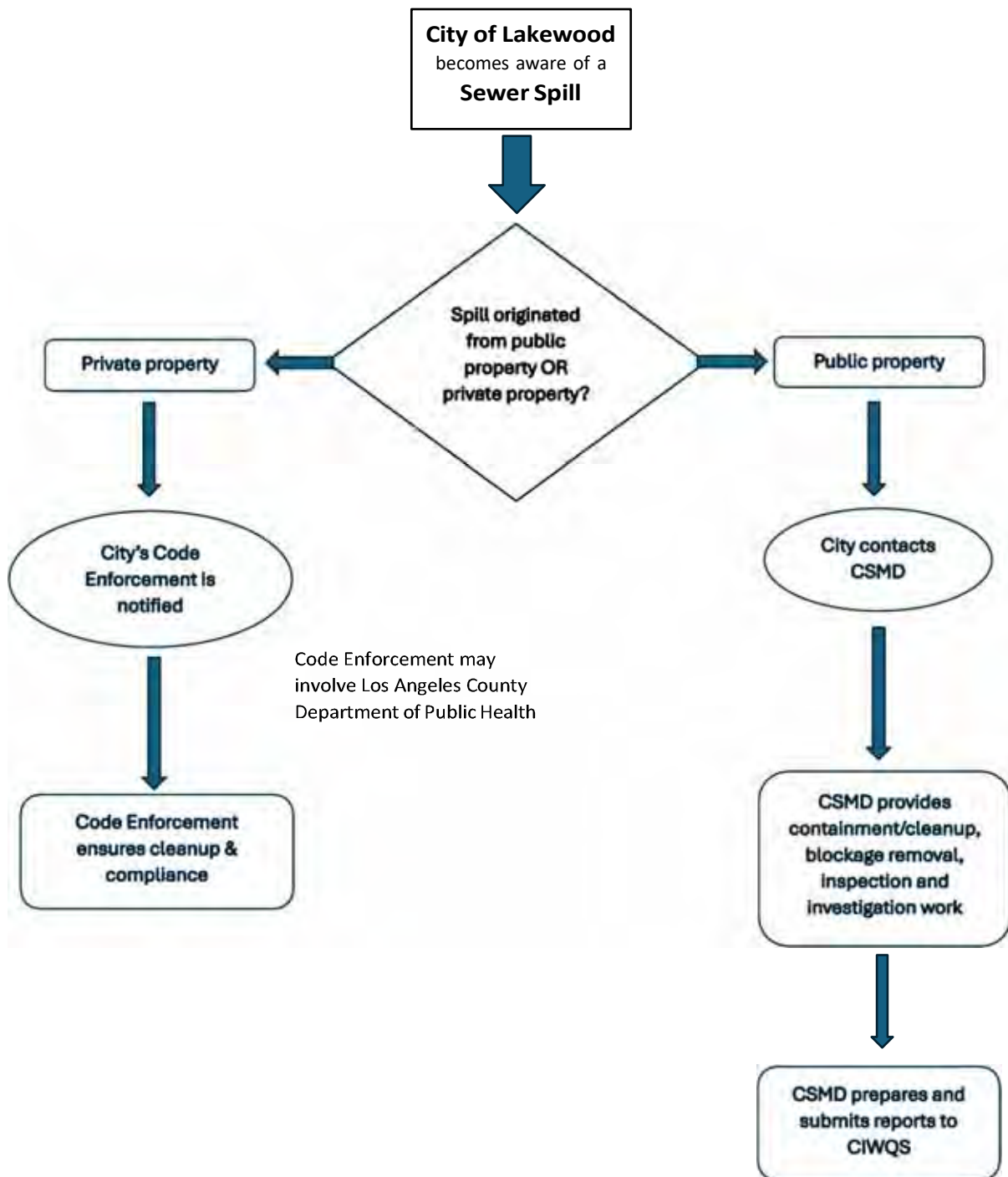


FIGURE 6-1
CITY OF LAKEWOOD SEWER
SPILL NOTIFICATION
PROCEDURES

Table 6-1
Regulatory Agencies Notification and Time Frame

Spill Category	Type or Description	Agencies to be Notified	Type of Notification and Time Frame	
			Time Frame	Written Report/Online Database
Category 1	Any volume of sewage from/caused by a sanitary sewer system that results in a discharge to: • surface water, including a surface water body that contains no flow or volume of water; or • 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.	California Office of Emergency Services (Cal OES, spills ≥1,000 gallons)	As soon as possible, but no later than 2 hrs after becoming aware of the spill.	Call and obtain notification control number. Will need to provide this number to the RWQCB.
		National Response Center (when spill exceeds federal reportable quantities)	As soon as possible	N/A
		Department of Public Health	Within 15 mins after becoming aware of the spill.	Call and obtain operator number.
		Flood Maintenance Division (only if spill entered into a storm drain)	As soon as possible, but no later than 2 hrs after becoming aware of the spill.	N/A
		Environmental Programs Division (≥50,000 gallons)	As soon as possible, but no later than 2 hrs after becoming aware of the spill.	Conduct spill-specific monitoring and water quality sampling w/in 18 hours of initial knowledge of spill. On CIWQS Online Database – upload water quality results. Spill Technical Report – submit w/in 45 calendar days after the spill end date in which ≥50,000 gallons spilled to surface water.
		Regional Water Quality Control Board (RWQCB, Region 4 or 6)	As soon as possible, but no later than 2 hrs after becoming aware of the spill.	Certify that the notification has been made as soon as possible, but no later than 24 hrs after becoming aware of the spill. Provide Cal OES control number.
		SWRCB	As soon as became aware of the spill, reporting is possible and can be provided without substantially impeding cleanup or other measures.	Conduct spill-specific monitoring and water quality sampling w/in 18 hours of initial knowledge of spill. On CIWQS Online Database submit: - Draft Spill Report w/in 3 business days of knowledge about the spill; - Certified Spill Report w/in 15 days of the spill end date;

Table 6-1
Regulatory Agencies Notification and Time Frame

				- Technical Report w/in 45 calendar days after the spill end date when 50,000 gallons or greater are spilled to surface water; - Amended Spill Report w/in 90 calendar days after the spill end date.
Category 2	1,000 gallons or greater, from/caused by a sanitary sewer system, that: • does not discharge to a surface water; or • spills out of a lateral and is caused by a failure or blockage in the sanitary sewer system.	Cal OES (if entered into storm drain)	Same as above.	Same as above.
		Flood maintenance Division (if entered into storm drain)	Same as above.	N/A
		Department of Public Health	Same as above.	N/A
		RWQCB (Regions 4 and 6)	Same as above.	Same as above.
		SWRCB	Same as above.	Conduct spill-specific monitoring. On CIWQS Online Database submit: - Draft Spill Report w/in 3 business days of knowledge about the spill; - Certified Spill Report w/in 15 days of the spill end date; - Non-Category 1 Lateral Spills statement w/in 30 calendar days after the end of the month; - Amended Spill Report w/in 90 calendar days after the spill end date.
Category 3	Equal to or greater than 50 gallons and less than 1,000 gallons, from/caused by a sanitary sewer system, that: • does not discharge to a surface water; or • spills out of a lateral and is caused by a failure or blockage in the sanitary sewer system.	Department of Public Health	Same as above.	N/A
		RWQCB (Regions 4 and 6)	Same as above.	Same as above.
		SWRCB	Same as above.	Conduct spill-specific monitoring. On CIWQS Online Database submit: - monthly Certified Spill Report w/in 30 calendar days after the end of the month in which the spill occurred; - Non-Category 1 Lateral Spills statement w/in 30 calendar days after the end of the month;

Table 6-1
Regulatory Agencies Notification and Time Frame

				- Amended Spill Report w/in 90 calendar days after the Certified Spill Report due date.
Category 4	Less than 50 gallons, from/caused by a sanitary sewer system, that: • does not discharge to a surface water; or • spills out of a lateral and is caused by a failure or blockage in the sanitary sewer system.	Department of Public Health	Same as above.	N/A
		RWQCB (Regions 4 and 6)	Same as above.	Same as above.
		SWRCB	Same as above.	Conduct visual monitoring. On CIWQS Online Database submit: - monthly Certified Spill Report w/in 30 calendar days after the end of the month in which the spills occurred, providing total number and spill volumes of all spills; - Non-Category 1 Lateral Spills statement w/in 30 calendar days after the end of the month; - Spill Report by Feb. 1st after the end of the calendar year in which the spills occurred.
PLSD	Private lateral sewage discharge (PLSD) caused by blockages or other problems within a privately owned lateral.	Department of Public Health	Same as above.	N/A
		RWQCB (optional, Regions 4 and 6)	Same as above.	Same as above.
		SWRCB (optional)	N/A	N/A
N/A	No sewer spill in a calendar month.	SWRCB	N/A	CIWQS Online Database – certified within 30 days after the end of the calendar month, certified statement that no sewer spill occurred.
N/A	Annual Report (previously termed Collection System Questionnaire) and System Performance Analysis Graphs	SWRCB	N/A	CIWQS Online Database – update and certify every 12 months.

Table 6-2
Agency Telephone Numbers to support Regulatory Agencies Notification and Time Frame

Agency	Contacts	Hours of Operation
LACPW Emergency Phone Number	(800) 675-4357	Answered on a 24-hour, 7-day basis.
LACPW Public Works Dispatch - Environmental Programs Division	(626) 458-4357	Answered on a 24-hour, 7-day basis.
Los Angeles County Department of Public Health (DPH)	(213) 974-1234	Answered on a 24-hour, 7-day basis.
California Office of Emergency Services (Cal OES) State Warning Center	(800) 852-7550	Answered on a 24-hour, 7-day basis.
National Response Center (NRC, US EPA)	(800) 424-8802	Answered on a 24-hour, 7-day basis
RWQCB (Region 4)	(213) 576-6600 (213) 576-6650 info4@waterboards.ca.gov	Answered only during normal working hours.
LACPW Flood Maintenance Division (Longden Yard, East Area)	(626) 445-7630	Answered only during normal working hours.
LACPW Flood Maintenance Division (Eaton Yard, East Area)	(626) 798-6761	Answered only during normal working hours.
LACPW Flood Maintenance Division (Imperial Yard, South Area)	(562) 861-0316	Answered only during normal working hours.
LACPW Flood Maintenance Division (Hansen Yard, West Area)	(818) 896-0594	Answered only during normal working hours.
LACPW Flood Maintenance Division (Pickens Yard, West Area)	(818) 248-3842	Answered only during normal working hours.
State Water Resources Control Board (SWRCB)	SanitarySewer@waterboards.ca.gov https://www.waterboards.ca.gov/ciwqs/	May email with questions. Reported through the California Integrated Water Quality System (CIWQS) online database webpage.

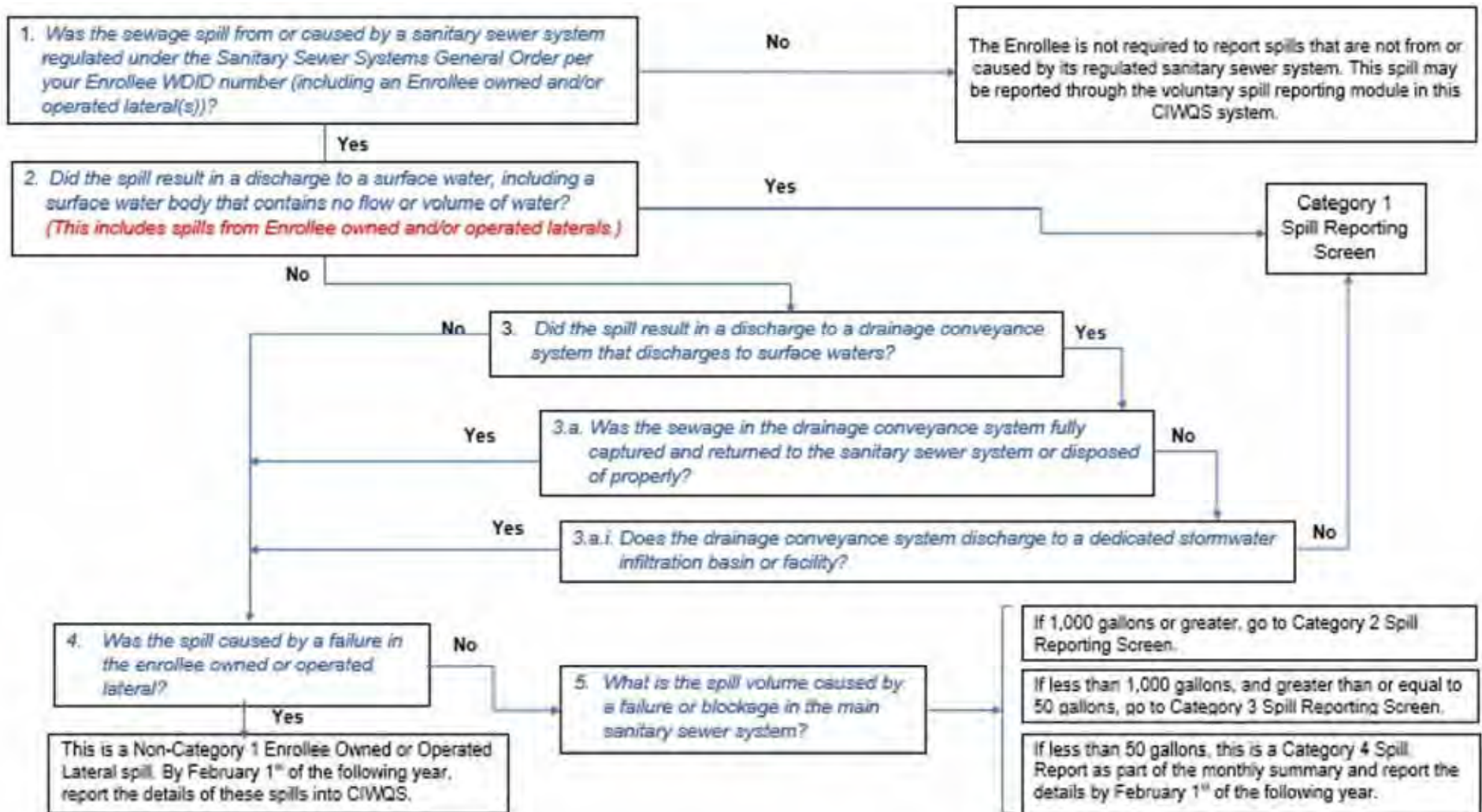


FIGURE 6-2
SWRCB FLOW CHART FOR SPILL CATEGORY DETERMINATION

6.2 Spill Emergency Response Plan

The Spill Emergency Response Plan (SERP) described in Section 6 of LACPW's SSMP, and included in LACPW's SSMP Appendices, is utilized by the CSMD in the City. It provides guidelines for the CSMD's maintenance crew to follow in responding to, cleaning up, and reporting sewer spills that may occur from the public sewer line within the City's service area. The purpose of the SERP is to support an orderly and effective response to sewer spills that ensure all regulatory requirements are met. The CSMD's SERP comprehensively addresses notification, response, assessment, and recordkeeping requirements of the SWCRB General Order.

6.3 Training on Spill Response Plan and Addressing Emergency Operations

City staff are familiar with CSMD's reporting procedures and the County's SERP, which are outlined in LACPW's SSMP. Any training specific to SERP operations is conducted by the County for CSMD staff, as CSMD crews are the ones who address spill emergency response and operations.

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

One of the main functions performed by LACPW for the City is to eliminate or minimize the potential discharge and/or entry of sewer spills into waters of the United States. The City's role is limited to ensuring that their collection system has sufficient capacity for all operational conditions and ensures that LACPW staff is promptly notified of sewer spill events when they occur.

6.4 Pre-Planned Coordination with Other Agencies or Departments

City of Lakewood, as a member city of CSMD, attends periodic meetings to review roles and responsibilities. For example, the role of the City is to support securing the site before CSMD field crews arrive and perform initial containment.

When appropriate, the County also invites the Los Angeles County Sanitation Districts (LACSD) staff to discuss any jurisdictional inquiries or investigations of spills.

7 Sewer Pipe Blockage Control Program

Chapter 7 of this SSMP addresses the requirements included in Attachment D-7 of the Order. The requirements state:

Sewer Pipe Blockage Control Program: Each Enrollee shall evaluate its service area to determine whether a sewer pipe blockage control program is needed. If an Enrollee determines that a sewer pipe blockage control program is not needed, the Enrollee must provide justification for why it is not needed.

- (a) An implementation plan and schedule for a public education outreach program that promotes proper disposal of pipe-blocking substances;*
- (b) 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;*
- (c) The legal authority to prohibit discharges to the system and identify measures to prevent spills and blockages;*
- (d) Requirements to install grease removal devices (such as traps or interceptors), design standards for the removal devices, maintenance requirements, BMP requirements, record keeping and reporting requirements;*
- (e) Authority to inspect grease producing facilities, enforcement authorities, and whether the Enrollee has sufficient staff to inspect and enforce the FOG ordinance;*
- (f) An identification of sanitary sewer system sections subject to FOG blockages and establishment of a cleaning maintenance schedule for each section; and*
- (g) Implementation of source control measures for all sources of FOG discharged to the sanitary sewer system for each section identified above.*

7.1 Program Overview

A large-scale analysis of sewer overflows within LACPW's service area over the last 3 years indicates that an average of 88 percent of spills within the CSMD's 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 control 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 (EPD) of LACPW is responsible for performing fats, oils, and grease source control inspections of food service establishments (FSEs). Currently, there are 202 FSEs within the City of Lakewood. The EPD also regulates industrial waste disposal for the City of Lakewood by contract.

The EPD's FOG program guidelines and procedures can be found on the Industrial Waste page of the LACPW website:

- <https://cleanla.lacounty.gov/industrial-waste/#Obtaining-Clearance>

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

The City currently benefits from LACPW's Public Education and Outreach Program. Under this program, information on proper disposal of FOG and sewer spill prevention measures, such as the installation of backwater valves, house lateral maintenance, etc., is disseminated by the CSMD to City residents through publication of Annual Reports, brochures, and individual notices to property owners. LACPW Sewer Maintenance and Industrial Waste Management Program personnel also assist in passing useful information on sewer spill prevention and proper FOG disposal onto home and business owners. Public education materials are posted at the following links, including specific information for homeowners:

CSMD Website: <https://dpw.lacounty.gov/sewer/index.cfm>

Clean LA FOG Program: <https://cleanla.lacounty.gov/fog/>,

Homeowner Sewer Maintenance: <https://dpw.lacounty.gov/SMD/homeowner/Index.cfm>

Homeowner FOG Mitigation: <https://dpw.lacounty.gov/SMD/grease/Index.cfm>.

To complement County efforts, the City has its own Public Education Outreach Program. This consists of including FOG-related articles from LACPW and other sources, on the City's webpage (<https://lakewoodcity.org/>), newsletters, attending community events and by maintaining communication with LACPW, City residents, and other stakeholders on these and other issues.

7.2.1 Summary of Public Outreach Activities

On the City of Lakewood's behalf, the CSMD staff 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://dpw.lacounty.gov/SMD/grease/Index.cfm>
- **Inspections:** During inspections of FSEs, educational materials are provided 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 staff aims to promote effective FOG management practices and prevent blockages in the sewer system.

In addition, the City and LACPW's CSMD staff collaborate on joint staff training programs, information exchange and educational content development with the Los Angeles County Sanitation Districts. The outcome of such collaboration is a production of a multi-language (English, Spanish, and Chinese) best management practices (BMPs) poster that also includes information on stormwater and surface

water issues. Printed and electronic copies of this BMP poster are distributed to all new and existing permitted FSEs within the City and can also be provided upon request.

Through the collaboration with the County Sanitation Districts, the City and LACPW personnel have the ability to participate in the Districts' training program that specifically addresses the following topics:

- Basic elements needed in a local FOG control ordinance;
- How to inspect FSEs;
- BMPs to be used by restaurants;
- Sewer overflow reporting obligations;
- Proper cleaning procedures to be followed if grease deposits are detected in local sewers;
- Where to dispose of FOG and the availability of local rendering companies; and
- Review of grease trap and grease interceptor devices.

7.2.2 Plan and Schedule of Events

The schedule of outreach activities is based on opportunities for public engagement and the frequency of FSE inspections. The LACPW's Community and Government Relations Group (CGRG) notifies CSMD staff when an opportunity arises for them to participate in a public event in the City of Lakewood. Many of these events occur annually and CSMD staff tries to be involved if notified by the CGRG in time to coordinate. CGRG keeps track of all the events that the staff participates in annually, providing a summary of events at the end of the year.

FSE Outreach is timed around FSE inspections. FSE owners and/or managers on duty are provided educational material when FOG inspectors visit to inspect grease traps and interceptors and check for any violations.

7.3 Removal and Disposal of FOG

This function is performed by CSMD staff on behalf of the City. The methods used by LACPW are contained within the LACPW's SSMP.

For the disposal of grease and other pipe-blocking substances, the City requires all FSE's (new construction and tenant improvements involving plumbing) to obtain an Industrial Waste Disposal Permit (IWDP) 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 Los Angeles County Sanitation District facilities. 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 Los Angeles County Sanitation District facilities.

7.4 Authority to Prohibit Illicit Discharges, Prevent Sewer Pipe Blockages and FOG Spills

7.4.1 Authority

The City's legal authority to own and operate a sanitary sewer system is derived from its incorporation as a City. The City on April 16, 1954, granted the Los Angeles County the consent and jurisdiction to annex portions of the City sewer system into the CSMD. By that action, the City has entrusted the management, operation, and maintenance of its local sanitary sewer system to the CSMD. The City, however, still maintains ownership of the sewer system. City's legal authority to prohibit illicit discharges into the sewer system, prevent sewer blockages and FOG spills is discussed in Chapter 3 of this document. Requirements for grease control devices (GCDs) at food service establishments to prevent the discharge of grease to the collection sewer system and educating the public on proper disposal methods for FOG can be found in the LACPW SSMP and below. The following provides a summary of the County's role in its support of the City of Lakewood.

The 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 outlined in the Los Angeles County Ordinance (LACO) Code and LACO Plumbing Code that can be found online in the links below:

- Los Angeles County Code
(https://library.municode.com/ca/los_angeles_county/codes/code_of_ordinances)
- Los Angeles County Plumbing Code
(https://library.municode.com/ca/los_angeles_county/codes/code_of_ordinances?nodeId=TIT28PLCO)

The LACO Plumbing Code Title 28 (Sections 306.2, 714.2, and 1101.2) prohibits the unauthorized discharge of rain, surface, or subsurface water into the collection system. The illegal dumping of offensive or damaging substances such as chemicals and debris, which are considered inflows, is prohibited by LACO Code, Section 20.36.010.

Also, Section 20.36.400 of the LACO Code prohibits the discharge of Fats, Oils, and Grease 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.

The CSMD has an Inflow/Infiltration (I/I) control program as part of their ongoing sewer line cleaning and maintenance program, which includes closed-circuit television (CCTV) and other mechanisms to detect I/I. By ordinance, the Board of Supervisors has established a financial plan to ensure capital replacement or rehabilitation of sewer lines prone to I/I within the Consolidated Sewer Maintenance District (LACO Code, Section 20.40.045).

The LACO Code, Section 20.24.080, requires property owners to maintain their house laterals, including the elimination of cracks, tree roots, and other debris. A similar requirement is found in Section 101.3.2 of the LACO Plumbing Code Title 28.

7.4.2 Preventative Measures

On behalf of the City of Lakewood, the CSMD utilizes semi-annual 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, that focuses on minimizing spills and blockages caused by FOG.

7.5 FOG Program Requirements and Design Standards

LACPW, under a separate agreement (Industrial Waste Contract, 1964), is charged with the responsibility of enforcing the Division 2 – Sanitary Sewers and Industrial Waste of the LACO Code within the City. Also, as previously mentioned, the City's Industrial Waste Program is managed by LACPW, Environmental Programs Division (EPD). The design standards for grease removal devices and all the requirements imposed on industrial waste facilities that discharge waste or FOG into the City's sewer system are as presented in Chapter 7 of LACPW's SSMP.

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 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.

FOG program requirements are outlined in the LACPW's IWDP Conditions and Limitations and are supported by the Pretreatment Guidelines For Restaurants And Food Service Operations.

7.5.1 Requirements to Install Grease Removal Devices

The LACPW's legal authorities to enforce the requirements stipulated in this Section are discussed in Chapter 3. The Director of LACPW has enforcement authority for industrial waste permitting per Section 20.36.040 of the LACO Code and charged the EPD with permitting and inspecting of all FSEs that discharge into the sanitary sewer system in the City of Lakewood, as a contract city within the CSMD. Also, since the City's sewers and laterals connect to the Los Angeles Sanitation Districts' sewer lines, any FSEs within the City's service area discharge into the Sanitation Districts' sewers and laterals. Hence, under the Section 4762.1 of the California Health and Safety Code, the Sanitation Districts have the authority to require the City of Lakewood to implement a sewer maintenance program for its sewers and laterals that meets the Sanitation Districts' specifications.

New or remodeled FSEs and those under new ownership must also secure a permit from the City's Building and Safety Division (BSD). If there is a FOG-related problem associated with an industrial waste permit, LACPW 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 removal device (GRD).

LACPW does not issue permits or inspect domestic sewage disposal to the sanitary sewer system. However, 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 CSMD’s 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.

7.5.2 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>

7.5.3 Authority to Inspect FOG-producing Facilities

LACO Code, Title 20, Utilities, Division 2, Sanitary Sewers and Industrial Wastes, as amended July 27, 1989, and adopted by the City of Lakewood, gives the Public Works Director or their designee the authority to inspect grease-producing facilities for compliance with permit requirements. There are currently approximately 167 FOG producing facilities holding Industrial Waste Permits in the City. In accordance with the aforementioned agreement, LACPW is responsible for issuing permits and inspecting facilities for compliance with conditions of their permit. LACPW in concert with the Public Works Director or their designee is also responsible for the enforcement of all industrial waste permits and Code violations in the City.

7.5.4 Maintenance Requirements and Cleaning Schedule for Identified FOG-prone Sewer Segments

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

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 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 grease interceptor (GI) cannot be accessed, the FSE is given an Order to Comply and must clean it and will receive a follow up inspection.

Permit conditions specify that:

- GIs should be cleaned at least once every three months.
- Grease Traps are required to be maintained on a daily basis.

7.5.5 Best Management Practices Requirements and Pretreatment Guidelines for Restaurants and Food Service Operations

The City relies on LACPW's Pretreatment Guidelines and Best Management Practices. 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. The guidelines can be found online at the following link:

https://pw.lacounty.gov/epd/industrial_waste/pdf/misc/restaurantpretreatmentguidelines.pdf

During inspections, inspectors verify whether best management practices are being followed, such as maintaining proper documentation, using adequate devices, and employing appropriate disposal methods. Inspectors distribute flyers outlining the do's and don'ts of FOG management and request that these flyers be displayed at workstations for workers to see. More information is available at following link, under the "Instructions for Obtaining Clearance" section: <https://cleanla.lacounty.gov/industrial-waste/>

Additionally, LACPW's EPD Inspectors are stationed at the following address and are available from 8 a.m. to 9:30 a.m., Monday through Friday:

12440 Imperial Highway
Suite #110
Norwalk, CA 90650
(562) 906-8426

7.5.6 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 upon request.

7.5.7 Procedures

On behalf of the City, 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

7.6.1 Authority to Inspect Grease Producing Facilities

As discussed in Chapter 3 of this document, Section 20.36.400 of the LACO Code provides legal authority to LACPW's EPD Inspectors to inspect FOG-producing facilities, prohibiting the discharge of substances that may obstruct or require frequent maintenance of the City's 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 LACPW's 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 may mandate 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, on as needed/relevant basis.

7.6.2 Authority to Enforce

The enforcement process for violations varies based on location. 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 involving repeat offenders who are unwilling to correct the problem can be referred to LACPW's headquarters, possibly resulting in legal action with the District Attorney. In the City of Lakewood, under CSMD's oversight, violations are handled similarly, but escalation may involve the City's Manager's Office and, if necessary, the City Attorney.

7.6.3 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 LACPW'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 of LACPW's SSMP, FOG prone sections of the CSMD's 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 schedule, depending on the magnitude of the problem. Furthermore, segments of the collection system with persistent FOG problems are referred to the Environmental Programs Division (EPD) of LACPW for additional investigation and enforcement actions.

7.8 Implementation of Source Control Measures to Address FOG Issues

7.8.1 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. LACPW, on behalf of the City of Lakewood, 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 Industrial Waste Discharge Permit (IWDP) to ensure proper operation and functionality. Under the IWDP, LACPW or the City may require upgrades to grease interceptors if maintenance is inadequate or if the interceptor is too small to handle the waste stream.

7.8.2 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 as described in Section 4 of LACPW's SSMP. Under the Industrial Waste Discharge Permit (IWDP), LACPW or the City may modify the permit and its conditions and limitations as necessary to ensure proper waste disposal.

8 System Evaluation, Capacity Assurance and Capital Improvements

As stated in General Order No. 2022-0003-DWQ:

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

- (a) **Evaluation:** Actions needed to evaluate those portions of the sanitary sewer system that are experiencing or contributing to an SSO discharge caused by hydraulic deficiency. The evaluation must provide estimates of peak flows (including flows from SSOs that escape from the system) associated with conditions similar to those causing overflow events, estimates of the capacity of key system components, hydraulic deficiencies (including components of the system with limiting capacity) and the major sources that contribute to the peak flows associated with overflow events;*
- (b) **Design Criteria:** Where design criteria do not exist or are deficient, undertake the evaluation identified in (a) above to establish appropriate design criteria; and*
- (c) **Capacity Enhancement Measures:** The steps needed to establish a short- and long-term CIP to address identified hydraulic deficiencies, including prioritization, alternatives analysis, and schedules. The CIP may include increases in pipe size, I/I reduction programs, increases and redundancy in pumping capacity, and storage facilities. The CIP shall include an implementation schedule and shall identify sources of funding*
- (d) **Schedule:** The Enrollee shall develop a schedule of completion dates for all portions of the capital improvement program developed in (a)-(c) above. This schedule shall be reviewed and updated consistent with the SSMP review and update requirements as described in Section D. 14 of the General Order.*

8.1 System Evaluation and Condition Assessment

8.1.1 Best Practices and New Technology

The CSMD is responsible for condition assessment, and a more detailed breakdown of condition assessment practices employed by the CSMD can be found in the most recent County SSMP. The CSMD utilizes the most current and appropriate technology and methods for pipeline assessment. Use of CCTV is the industry standard for small diameter pipelines. Given the range of diameters in the City's system, CCTV is an appropriate method to observe and assess the condition of existing pipes.

8.1.2 Amount of System Condition Assessment

Under the Condition Assessment Program (CAP), CSMD performs CCTV inspections at a rate of approximately 500 miles of sewer infrastructure each year throughout its service area, including the

City. Newer pipe segments found to be in good condition during prior CCTV inspections will have a low priority in the next inspection cycle.

The CSMD reviews the City's entire pipeline system on approximately a 10-year cycle.

8.1.3 Inspection Methods

The CSMD employs National Association of Sewer Service Companies (NASSCO) Pipeline Assessment and Certification Program (PACP) certified crew members to perform the field inspections and record data with standardized NASSCO PACP defect codes. This provides a uniform and consistent defect observation system with which the City can reference internally and share with consultants.

8.1.4 Inspection and Assessment Recordkeeping

The CSMD's recordkeeping of system evaluation and condition assessment inspections and activities have historically been maintained using WinCan software with videos stored on County servers. The County recently transitioned to using GraniteNet, a cloud-based CCTV software, which will enable access to CCTV data and videos to anyone with password access and credentials from mobile devices or laptops connected to the internet. This allows City staff to have access to the most recent CCTV data for the sewer system.

8.1.5 Assessing Assets Vulnerable to Climate Change

The County's SSMP can be referenced for a summary of plans to implement procedures to identify and address system assets vulnerable to direct and indirect impacts of climate change.

8.2 Capacity Assessment and Design Criteria

8.2.1 Gravity Facilities

The City is responsible for ensuring that public sewer infrastructure is properly designed, appropriately sized, and accessible for maintenance. The Consolidated Sewer Maintenance District (CSMD) supports this effort by reviewing proposed sewer plans for new developments within the City. This review ensures compliance with County design standards and confirms that the infrastructure meets all criteria necessary for future acceptance into the maintenance program.

In October 2023, the City updated their Sewer Master Plan, approximately 166 miles of the city's sewer system were modeled using InfoSewer 8.0 by Innovyze. Of the 166 miles, approximately 2.54 miles or 1.5% of the existing system were identified as being deficient based on the computer model. The deficient reaches of sewer mainlines are distributed throughout the city within Tributary Areas 4, 12, 14 and 30. These areas have pipe deficiencies greater than 75% full and serve the largest drainage areas are shown in Figure 8-1. The existing sewer facilities are shown in Figure 8-2. The results identified four locations within the City to be placed on a "Capacity Watch List," having a depth over diameter ratio (d/D greater than 0.75. These four locations are recommended for capital improvements and are shown in Figure 8-3.

Aside from capacity analysis, the City relies on the condition assessment of the gravity sewer mains performed by CSMD. While the CSMD is responsible for repairing the pipes as they see fit using trenchless lining technologies and locally excavated point repairs, the City is responsible for removing and replacing or upsizing full pipelines as necessary.

8.2.2 Pressure Facilities

The City owns one (1) pressure sewer facilities, including sewer force mains or sewer pump stations.

8.2.3 Infiltration and Inflow

The CSMD carries out assessment of increased infiltration and inflow (I/I) in coordination with the Los Angeles County Sanitation Districts (LACSD). LACSD conducts studies to identify sources of I/I entering their system, which may include portions of the Sewer Maintenance District's (SMD) collection system. If such connections are identified, they may prompt further evaluation of the SMD infrastructure.

Mitigation efforts typically involve sealing manholes and installing sewer lining. LACSD supplies the necessary sealant and lining materials for these activities. In addition, LACSD and the County collaborate to compile a list of manholes affected by I/I. LACSD commonly requests that manholes be sealed and that peepholes be plugged. Sampling and analysis are conducted as needed to support these assessments.

8.2.4 Design Flow and Weather Events

The system is designed according to County Design Standards to accommodate dry weather peak flow conditions and design storm and wet weather events. Approximately 95 percent of pipelines in the City system are 8-inch pipe and approximately 5 percent are 6-inch, 10-inch, 12-inch, 15-inch, 18-inch or 21-inch diameter. These pipelines collect flows from small sewer catchment areas and convey the flows to the nearest LACSD trunk sewers for conveyance to an LACSD treatment plant for treatment and disposal.

8.2.5 Capacity Assessment Data

When conducting sewer capacity studies, developers can access reference materials through the Los Angeles County Land Development Division (LDD) website. The site offers guidance on the approval process and includes links to resources such as as-built drawings, sewer locator maps, and sample documentation required for submittals. They can also reference the latest City Sewer Master Plan to determine remaining capacity in modeled sewers. If additional information is needed, contractors are encouraged to contact LDD directly for further assistance.

The LDD is responsible for collecting, maintaining, and archiving all sewer studies and flow data. This information is available upon request. In addition, LDD has access to sewer pipeline condition assessments, inspection records, spill history, and other relevant data used to evaluate system performance, identify deficiencies, and support planning for necessary repairs or rehabilitation.

**SEWER SYSTEM
CAPACITY ANALYSIS:
DEFICIENT PIPES**



**SANITARY SEWER
MASTER PLAN**

Legend

- Sewer Pipes
 - SD < 0.7%
 - SD > 0.7%
- City of Lakewood Sewer Pump Stations
- County Sewer Pipes
- City Boundary
- Sewer Tributary Areas
- Sewer Manholes

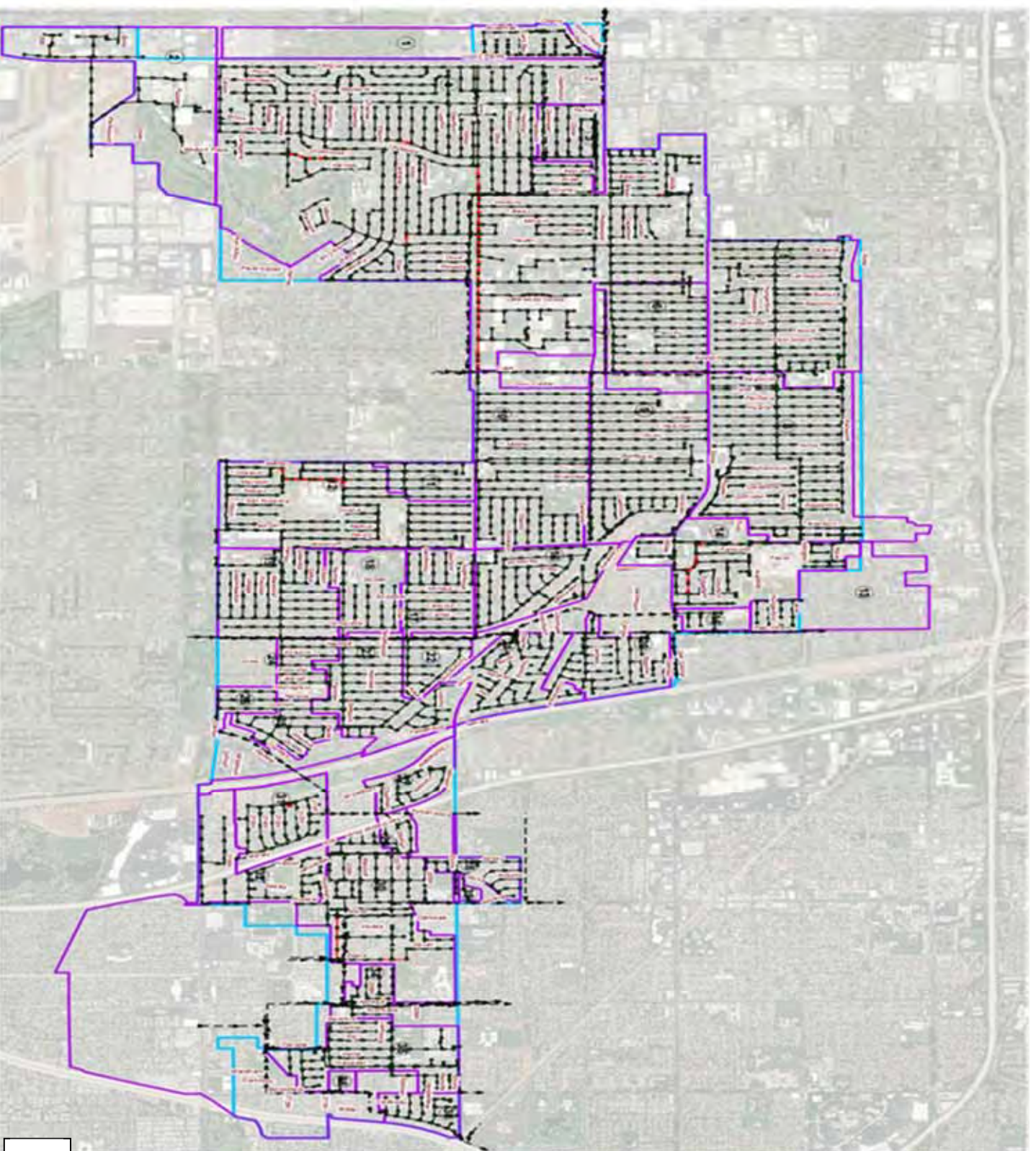
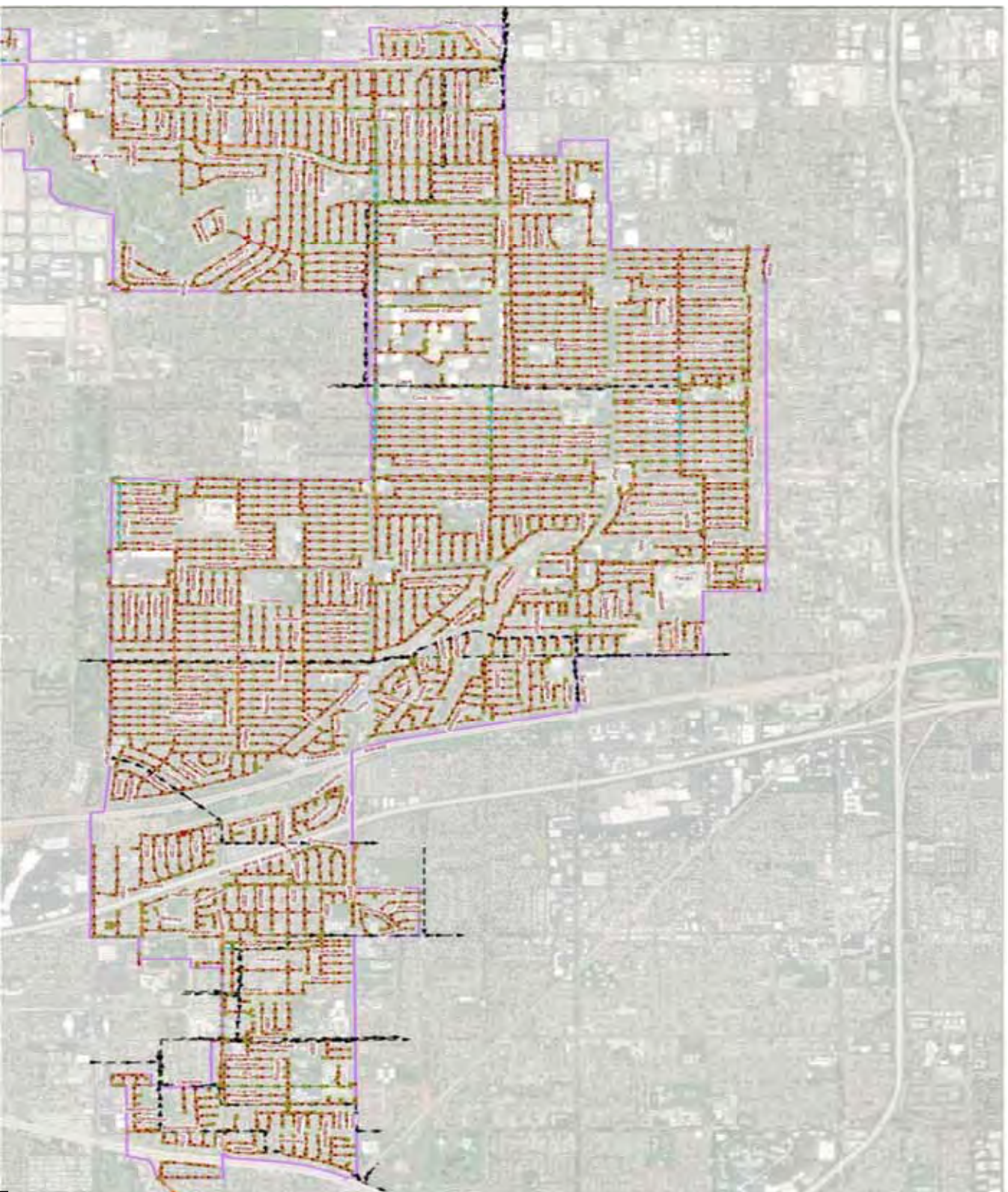


Figure 8.1

**EXISTING SEWER
FACILITIES**



**SANITARY SEWER
MASTER PLAN**



Legend

City of Lakewood Sewer Pipes

- 6" (2 pipes)
- 8" (6,226 pipes)
- 10" (187 pipes)
- 12" (158 pipes)
- 15" (121 pipes)
- 18" (24 pipes)
- 21" (20 pipes)

City of Lakewood Sewer Pump Stations

City Lakewood Sewer Manholes

County Sewer Pipes

City Boundary



Figure 8.2

Area 1

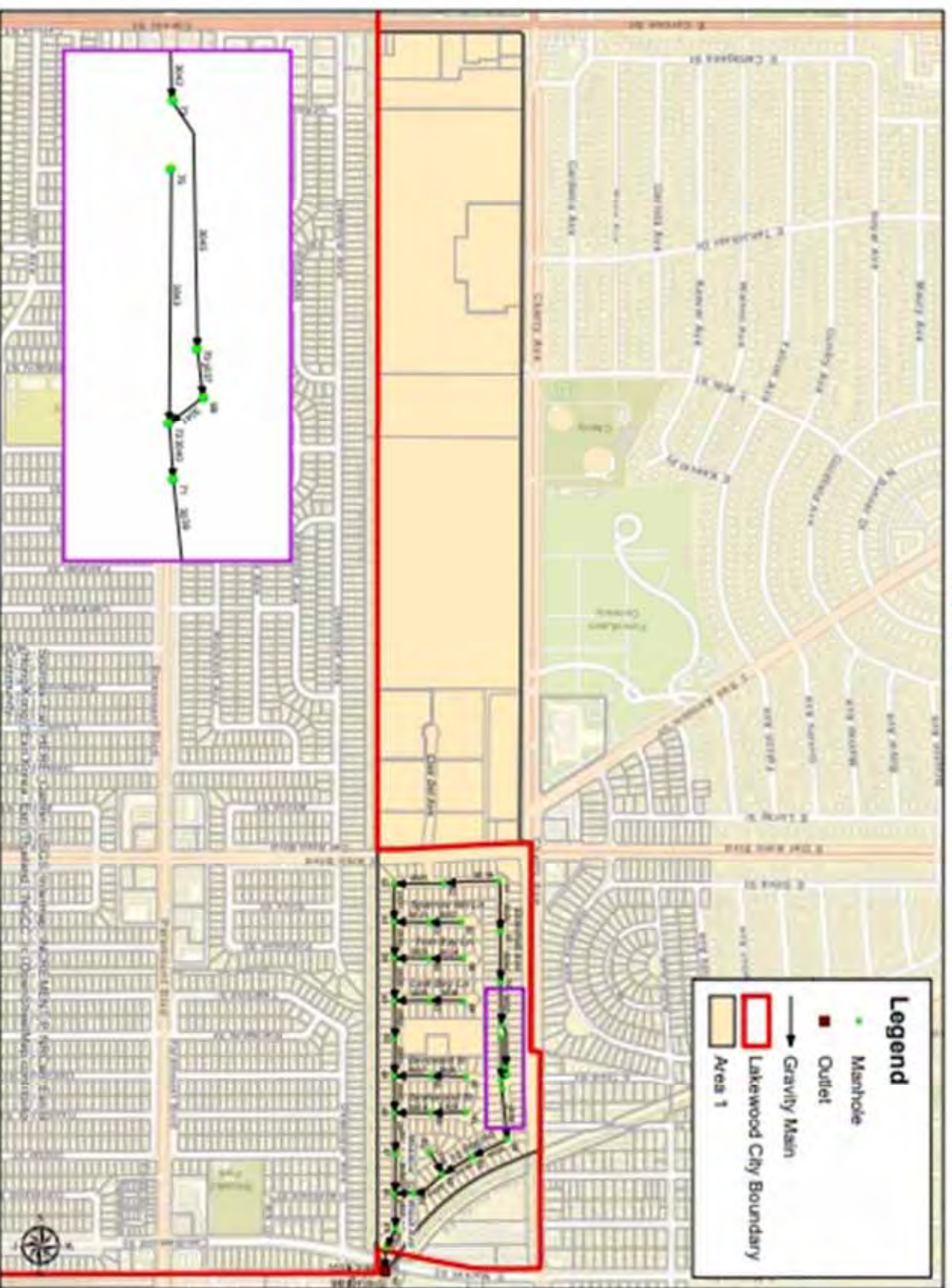


Figure 8.3

Area 2

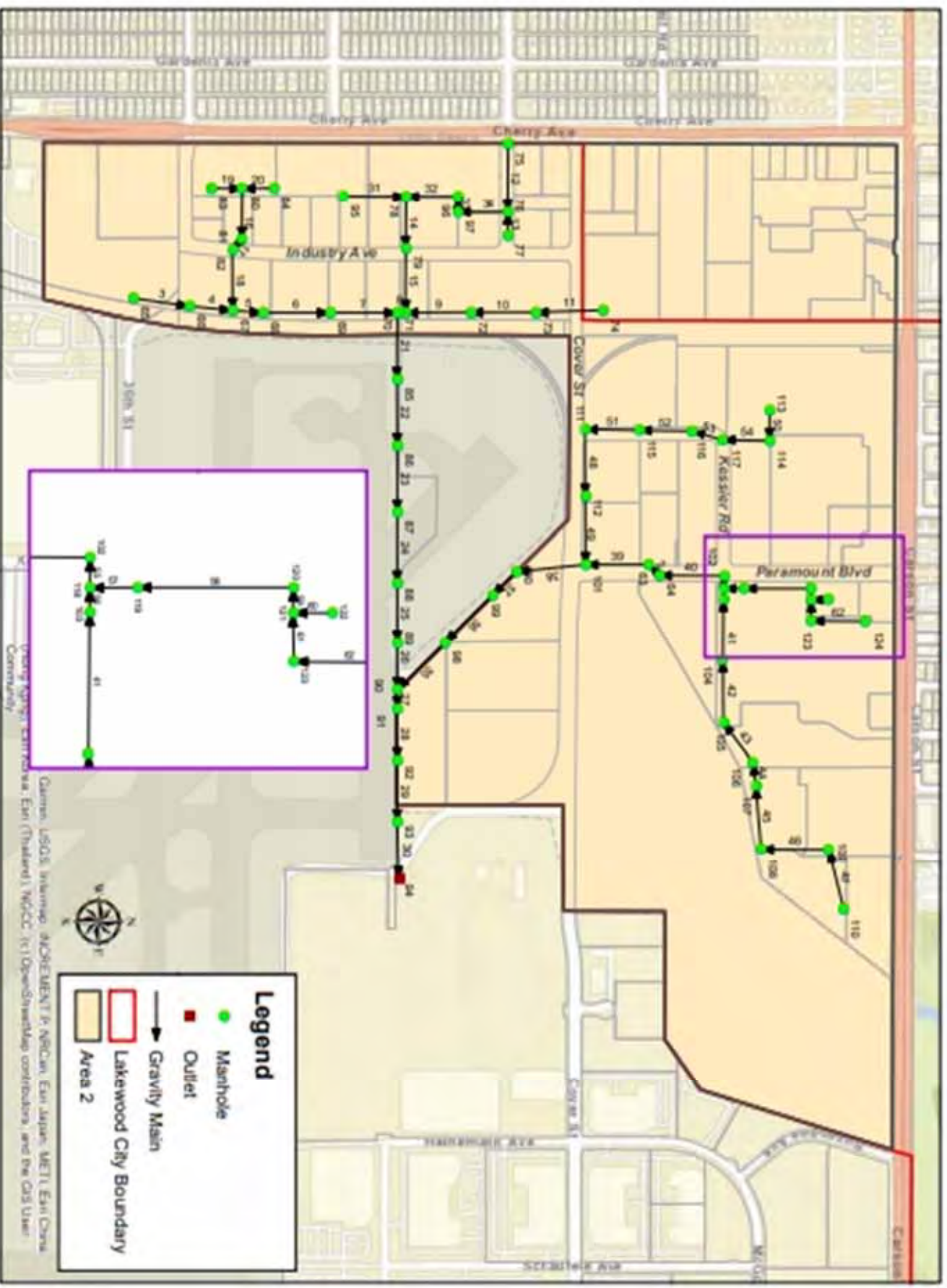


Figure 8.4

Area 3

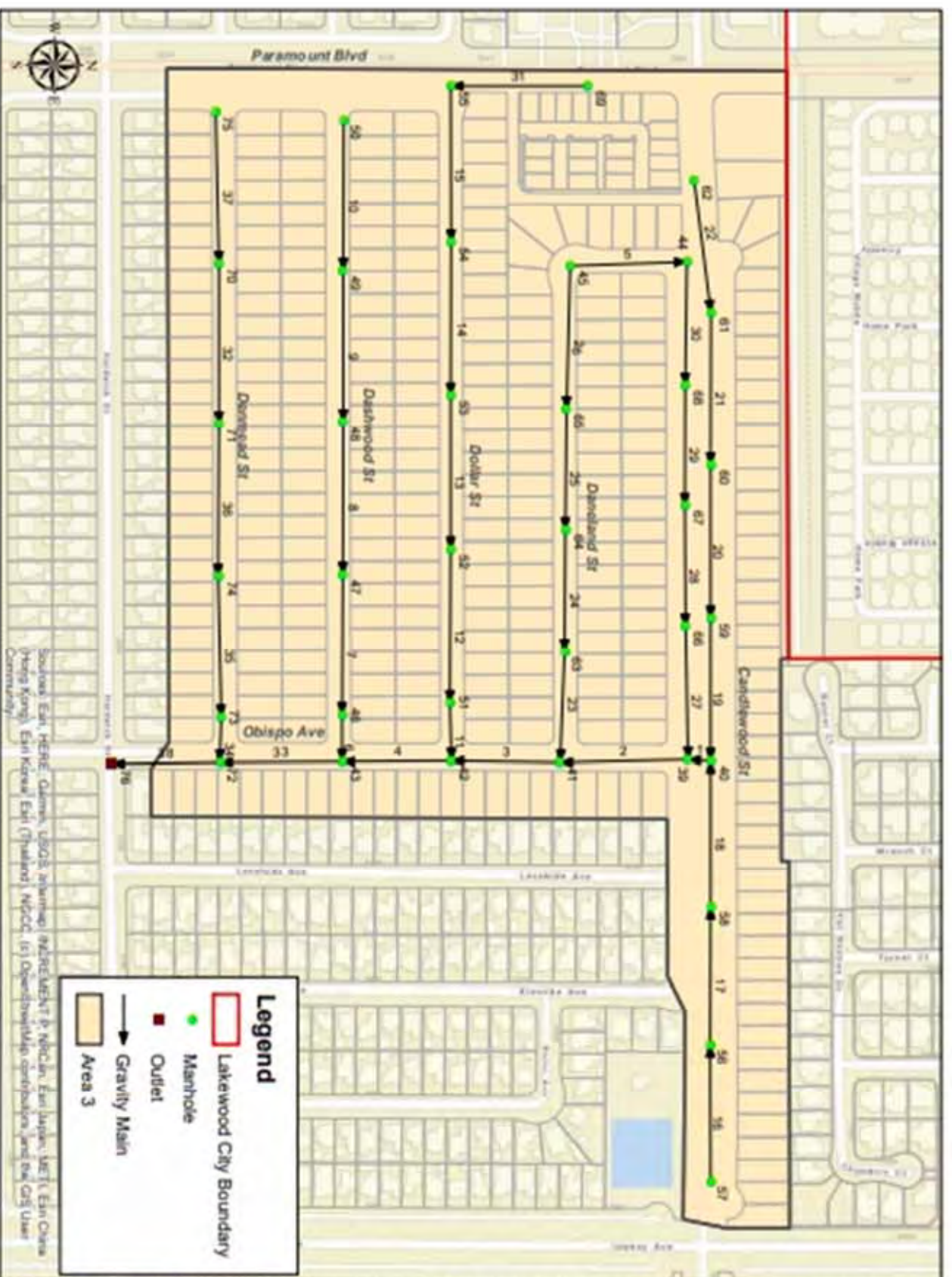


Figure 8.5

Area 4

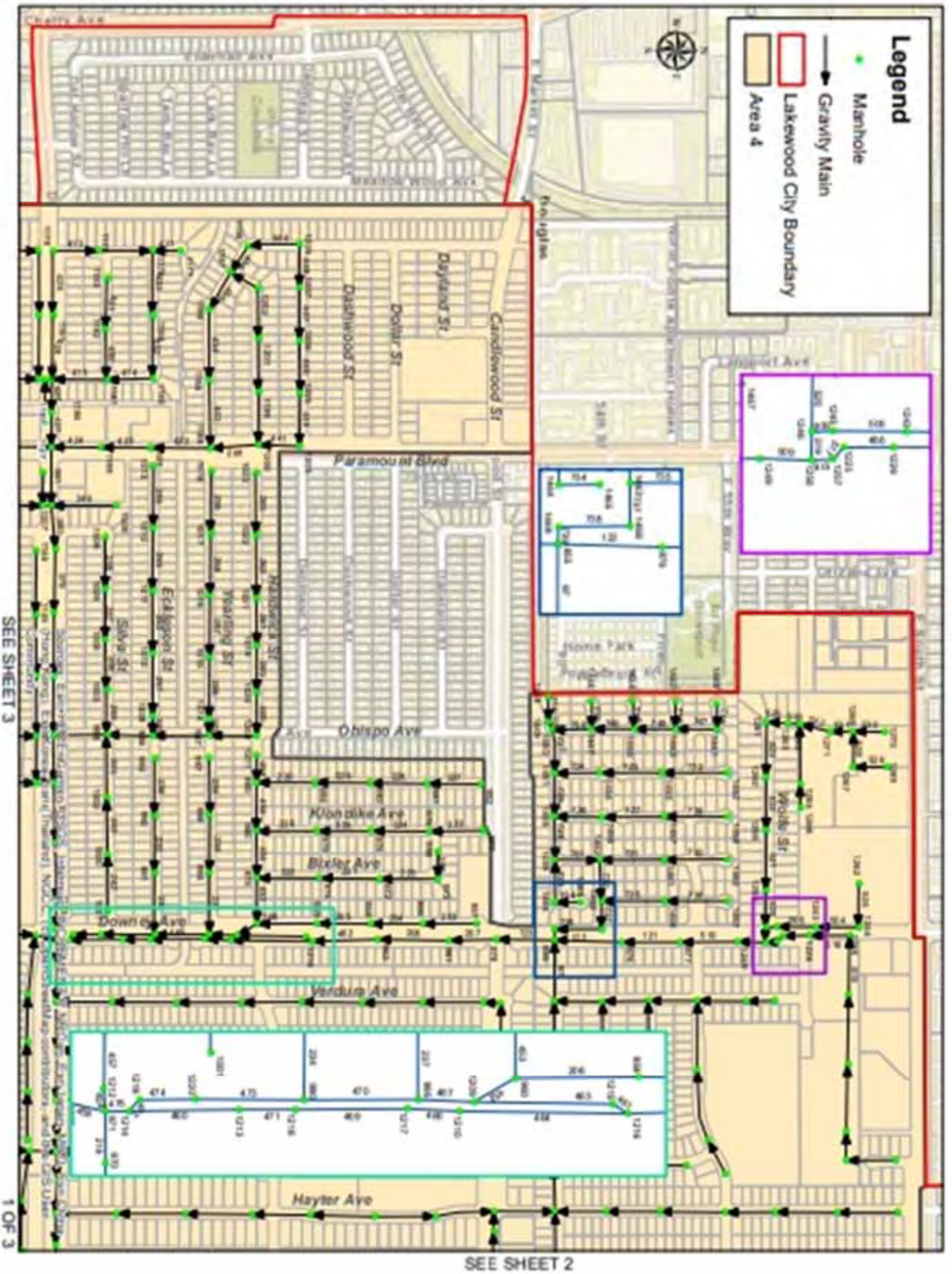


Figure 8.6

Area 4

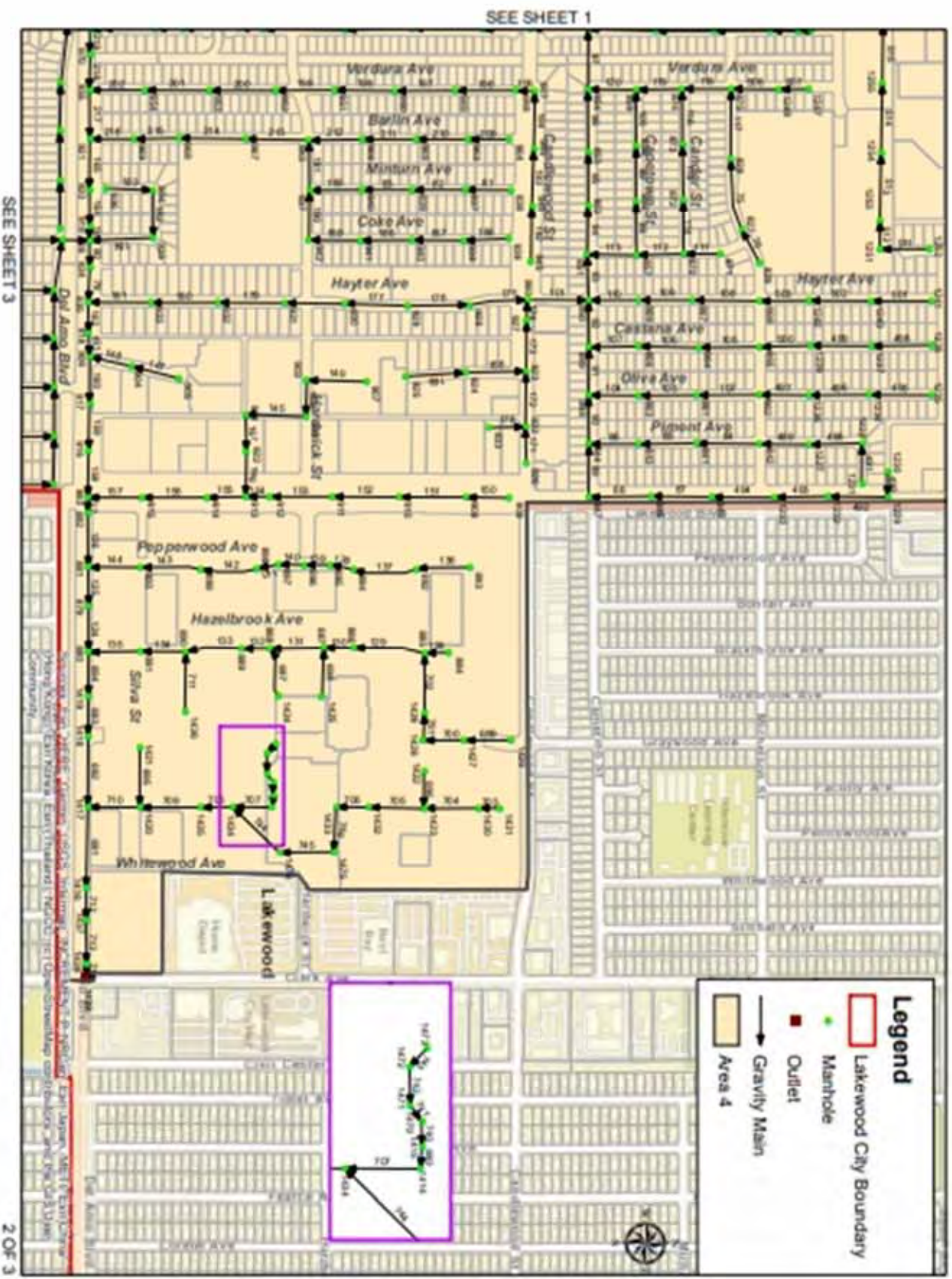


Figure 8.6



Figure 8.6

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Mitigation efforts typically involve sealing manholes and installing sewer lining. LACSD supplies the necessary sealant and lining materials for these activities. In addition, LACSD and the County collaborate to compile a list of manholes affected by I/I. LACSD commonly requests that manholes be sealed and that peepholes be plugged. Sampling and analysis are conducted as needed to support these assessments.

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The LDD is responsible for collecting, maintaining, and archiving all sewer studies and flow data. This information is available upon request. In addition, LDD has access to sewer pipeline condition assessments, inspection records, spill history, and other relevant data used to evaluate system performance, identify deficiencies, and support planning for necessary repairs or rehabilitation.

8.2.10 Capacity Enhancement Plan

After installation, through the County's Capacity Enhancement Plan (CEP), multiple strategies are employed to identify and eliminate I/I sources where feasible. Detection strategies include visual inspections, CCTV, and smoke and dye testing.

- 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.

- Significant structural issues like collapses, breaks, holes, or severe offsets are corrected through repair, replacement, or lining.
- Maintenance issues such as grease accumulation and debris are addressed through regular sewer line cleaning, and flow measurements are used to assess the capacity of sewer lines suspected of surcharging.

The City is responsible for upsizing existing pipes that are unable to meet the required capacity of the system at that location.

8.3 Prioritization of Corrective Actions

Following similar procedures described in the CSMD SSMP, the City aims to prioritize sewer replacement and rehabilitation actions based primarily on three criteria:

- Likelihood of failure, determined by severity of defects observed during condition assessment. The City will review recommendations provided by the CSMD and take action as needed.
- Consequence of failure (proximity to critical facilities such as bodies of water, railroads, highly trafficked areas, road type, easements, etc.)
- Areas with multiple high priority repairs, to promote efficiency and cost savings by keeping repairs in closer vicinity.

CSMD and the City defer to the NASSCO PACP defect grading system, in which Grade 5 defects are the most severe, followed by Grade 4. The City will be made aware of high-risk locations with history of spills, aged infrastructure, or more extensive maintenance history, to prioritize repairs for these areas when required.

8.4 Capital Improvement Plan

The Sewer Collection System Capacity Enhancement Program is a collaborative initiative between the City and the LACPW. As part of this effort, the CSMD implements several programs aimed at maximizing available sewer capacity and preventing sanitary sewer spills.

These programs include CCTV Inspection Program to identify pipe segments in need of repair, infiltration and inflow (I/I) reduction measures, tree root intrusion control, a routine sewer cleaning program, and the Accumulative Capital Outlay (ACO) Program for the repair or replacement of damaged pipelines. Full descriptions of these initiatives can be found in Chapters 3 and 4 of the CSMDs SSMP. Most improvements are delivered through on-call contracts, including work on gravity mains, point repairs, and pipe lining.

The City's own CIP will include updates to the Sanitary Sewer Management Plan (SSMP) when required to meet the State's required update schedule. Maintaining a regularly updated SSMP will assist the City in maintaining and managing a properly functioning sewer system.

As noted, the 2023 Master Plan identified four areas of required capital improvement, shown in Figures 8-3, 8-4, 8-5, 8-6.

9 Monitoring, Measurement and Program Modifications

Chapter 9 of this SSMP addresses the requirements included in Attachment D-9 of the Order. The requirements state:

Monitoring, Measurement, and Program Modifications: *The Enrollee shall:*

- (a) Maintain relevant information, including audit findings to establish and prioritize appropriate SSMP activities;*
- (b) Monitor the implementation and measure the effectiveness of each element of the SSMP;*
- (c) Assess the success of the preventative operation and maintenance program;*
- (d) Updating Plan procedures and activities, as appropriate, based on results of monitoring and performance evaluations; and*
- (e) Identify and illustrate spill trends, including spill frequency, locations, and estimated volumes.*

9.1 Maintenance of Relevant Information to Establish and Prioritize SSMP Activities

As the City collaborates with LACPW on its sewer maintenance, repair, and SSMP implementation, it is important to mention what information systems LACPW uses for their data keeping and data processing activities. For LACPW, relevant information for prioritization of SSMP activities is collected in an array of information systems, databases, and spreadsheets.

- WinCan and GraniteNet are used to video and log events from CCTV inspection. WinCan is the legacy repository. The County recently implemented GraniteNet and will be using GraniteNet for all future inspections.
- Historically, the County documented maintenance activities in the field using paper forms and work orders, and later entered into Maximo. The County is transitioning from Maximo to Cityworks for management of maintenance activities. The implementation of Cityworks will streamline data collection and improve asset management efficiency.
- FOG inspection activities are recorded on paper and stored in the HMS database.
- Spill data is stored in the State Water Resources Control Board's CIWQS database and SMD internal PowerBI database. Productivity reports documenting and summarizing the work performed in the City can be generated by PowerBI.
- Findings from previous audits are documented in an Audit Progress Tracker that is updated by CSMD staff.

For more information, please refer to Section 9 of LACPW's SSMP.

9.2 Monitoring of Implementation and Effectiveness of the SSMP

The City of Lakewood documents all relevant data on sewer spills that occurred within the City's boundaries. This includes review of any information and/or reports produced by LACPW and supplied to the City, or any special reports to regulatory agencies, etc. The data is analyzed to evaluate the effectiveness of the City's SSMP.

In turn, LACPW monitors the implementation and effectiveness of its SSMP through coordination with CSMD staff and collection supervisors. The effectiveness of the program is primarily monitored and tracked by overall sewer overflow performance such as amount of sewer spills, spill response time, and reduction of repeated spills.

Monthly meetings between SMD Superintendents and Supervisors focus on discussing safety procedures, operational and personnel issues, and the status of spills. Additionally, productivity reports on Power BI are reviewed to track progress in meeting inspection and maintenance targets, which are set and monitored by the superintendents.

Collection supervisors meet bi-weekly to go over status and tracking of maintenance activities. These meetings serve as a forum to facilitate communication between SMD Management and SMD Superintendents and Supervisors.

9.3 Program Audits and Assessment of Preventative Maintenance Program

Every three years, the City performs an internal audit of its SSMP and the SSMP program implementation, which can be used as one of the tools in assessing the effectiveness of the City's SSMP. The evaluation of the City's SSMP Program effectiveness is based on such key performance indicators as the total number of sewer spills, response time, reduction in repeated incidents of sewer spills at the same location, reduction in number of sewer spills that are caused by sewer-capacity related problems, and any other effectiveness parameters established by the SWRCB.

Since LACPW conducts the City's sewer lateral maintenance and FOG program implementation, it is necessary to mention that various County divisions and positions also participate in the regular audits of their SSMP. Each element of LACPW's SSMP is reviewed for effectiveness towards reducing the frequency and/or mitigating the impacts of spills and for compliance with the General Order requirements. Corrective actions to address identified deficiencies are prioritized, scheduled, and incorporated into implementation plans.

As such, the City continually updates or modifies the key elements of its SSMP based on the results of the above-mentioned monitoring and program effectiveness evaluations. The City also collaborates with LACPW and makes recommendations, as necessary, on the elements of LACPW's SSMP to be adjusted or revised within City's boundaries to better serve its residents.

The County assesses the success of its preventative maintenance programs by monitoring spill trends and spill events within the City of Lakewood to identify any needed modifications in their operation, quicken response time, improve corrective measures and program adjustments.

9.4 Identification and Illustration of Spill Trends

The City relies on LACPW's data acquisition, analysis, and management of sewer spills, which is supported by a dynamic information management system. Spill data is visualized in SMD's PowerBI database which allows for the identification and tracking of spill trends. PowerBI is used to generate spill analysis reports and figures, illustrating these trends and providing the metrics needed to identify hot spots and evaluate the overall success of the SSMP program. The most recent Sanitary Sewer Overflow Map can be obtained by requesting this information directly from the County, from SMD's PowerBI database.

With these tools in-hand, CSMD's staff can review spill performance based on frequency (seasonal variations, year-over-year comparisons), location (known problem areas, system characteristics such as pipe material and installation timeline), and volume (totals reaching surface waters, average volumes, and changes over time, which can indicate the effectiveness of response times).

10 SSMP Program Audits

Chapter 10 of this SSMP addresses the requirements included in Attachment D-10 of the Order. The requirements state:

SSMP Program 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 the General Order.*

10.1 Program Audits and Updates

The Enrollee shall submit its Sewer System Management Plan Audit and other pertinent audit information, in accordance with section 5.4 (Sewer System Management Plan Audits) of the General Order, to the online CIWQS Sanitary Sewer System Database by six (6) months after the end of the 3-year audit period. Per the 2022 WDR, internal audits are to be conducted at a minimum frequency of once every three (3) years. The audit will use data collected as part of Chapter 9: Monitoring, Measurement, and Program Modifications and performance indicators to: 1) evaluate the effectiveness of the City's SSMP; 2) ensure compliance with WDR requirements; and 3) identify and correct SSMP deficiencies.

City of Lakewood has also an option of either conducting its own SSMP development and audits on its collection system or requesting support from CSMD to complete an audit through a City service request. While SSMP audits occur every three years, in accordance with the General Order requirements, the City of Lakewood needs to update and recertify its SSMP every six years. The audit focuses on evaluating the effectiveness of the SSMP and records of the City's and CSMD's compliance actions during the audit period. Key collection system performance indicators include a number and type of sewer spills, completed CCTV and line cleaning footages, spill trends, and employee safety. The most recent report of the audit will be available electronically upon request. The most recent audit report is also kept on file in the Public Works Department.

In turn, LACPW's CSMD audits their own SSMP and program implementation to identify actions for improving how it manages, operates, and maintains the collection system within the City of Lakewood and its whole services area. This process identifies the tasks and actions that are required to meet SSMP goals and defines and prioritizes them. LACPW's SSMP provides a schedule of their SSMP audits and updates. In order to perform each audit and update in the most efficient manner, the SMD Division Manager assembles division staff and field crew personnel to work on an internal audit in accordance with the General Order requirements for Sewer System Management Plan Audits. Over the course of approximately three months, the audit team, including representatives from the divisions responsible for each SSMP section, conducts a series of in-person meetings to evaluate the effectiveness of each SSMP Part and Sub-part, identify any deficiencies, and make recommendations for improvements and updates. This process involves reviewing the program documentation in the Sewer System Management Plan, assessing current procedures and practices employed by staff, and discussing potential program modifications to enhance program effectiveness.

10.2 SSMP Audit Requirements and Reporting

According to the 2022 Order, the Enrollee shall conduct an audit of its Sewer System Management Plan, and implementation of its Plan, appropriately scaled to the scale of the Enrollee's system and the number of spills, after the end of the last required audit period. The legally responsible official (LRO) shall submit an audit report into the online CIWQS Sanitary Sewer System Database per the requirements in section 3.10 (Sewer System Management Plan Audit Reporting Requirements) of Attachment E1 of the 2022 Order.

The Enrollee's sewer system operators must be involved in completing the audit. At a minimum, the audit must:

- Evaluate the implementation and effectiveness of the Enrollee's Sewer System Management Plan in preventing spills.
- Evaluate the Enrollee's compliance with the 2022 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 findings from the SSMP audit are documented in an audit report, which must include the following elements:
 - Audit findings and recommended corrective actions.
 - A statement that sewer system operators' input on the audit findings has been considered.
 - A proposed schedule for the Enrollee to address the identified deficiencies.

Once the audit report is complete, a quality check review of the audit report is performed, with a focus on consistency and completeness. The final audit report is reviewed by the City's LRO before its final acceptance. Audit reports and related materials are maintained in an electronic document tracking and management system.

10.3 SSMP Certification

Audits must be conducted during the audit period and must include audit reports that are due within six months after the end of the audit period. Audit reports are submitted into the online CIWQS Sanitary Sewer System Database no later than November 2 of the following calendar year. The City of Lakewood's SSMP is certified and presented to the City Council for approval at a public meeting. Then the certification portion in the online CIWQS database is completed at <https://ciwqs.waterboards.ca.gov/> by filling out the form, e-signing and submitting it online.

The City's SSMP will 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 submitted to the City Council for approval and recertification. The recertification must be in accordance with the certification process described above. Recommended corrective actions that emerge from the SSMP program audit are incorporated into the City's Capital Improvement Projects (CIP) development and budgeting process and are also taken care of by CSMD, under the General Services Agreement, to provide necessary resources to implement audit corrective actions and recommendations. Table 1-1 covers the City's SSMP audit and update schedule.

11 Communication Program

Chapter 11 of this SSMP addresses the requirements included in Attachment D-11 of the Order. The requirements state:

Communication Program: *The Enrollee shall include procedures to communicate with:*

The public for:

- (a) Spills and discharges resulting in closures of public areas, or that enter a source of drinking water, and*
- (b) 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:

- (a) System operation, maintenance, and capital improvement-related activities.*

The City provides all stakeholders and interested parties, such as the public and other agencies, with status updates on the development and implementation of the SSMP and considers comments made by them. The City posts all relevant information on the City's home webpage. An electronic version of City's SSMP is available to the public via City's website (<https://lakewoodcity.org/>). This website is used to deliver general information as well as notices during maintenance, construction, and spill events that impact the public. The City also utilizes its Facebook page, <https://www.facebook.com/Lakewood/>, to communicate with residents.

In addition to the electronic access, this SSMP will also be made readily available upon request to the Regional Water Quality Control Board representatives, the operators of any collection system or treatment facility downstream or next to the City's system.

The City of Lakewood also relies on the well-established LACPW CSMD's communication strategies and their Public Education and Outreach Program. The County employs a variety of means for communicating with the public and the City regarding any spills and discharges that they are working on, especially if such sewer spills are resulting in closures of public areas or otherwise may impact the public's day-to-day activities. The County's procedures for communication with the public for spills and discharges are included in the Spill Emergency Response Plan in Appendix F of the County's SSMP. Specifically, Chapter 3 of these procedures provides instructions for communicating with the public when spills result in closure of public areas or enter a source of drinking water.

For example, within 15 minutes of receiving confirmation that a spill with the potential to reach a storm drain or public waterway has occurred, the District's 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. The County relies heavily on the Sewer Maintenance webpage on the Los Angeles County Public Works website to provide the public with ample information regarding the SSMP and SSMP program implementation: <https://dpw.lacounty.gov/smd/smd/index.cfm>

Overall, the City of Lakewood stays in close communication and collaboration with the LACPW, LACSD, and surrounding cities for operations, maintenance, and spill response related activities, including email broadcasts that provide updates and communicate deadlines, such as audit due dates.

APPENDIX A

**State Water Resources Control Board Order
No. 2022-0003-DWQ (General Order)**

STATE WATER RESOURCES CONTROL BOARD
1001 I Street, Sacramento, California 95814
ORDER WQ 2022-0103-DWQ
STATEWIDE WASTE DISCHARGE REQUIREMENTS
GENERAL ORDER FOR SANITARY SEWER SYSTEMS

This Order was adopted by the State Water Resources Control Board on December 6, 2022.

This Order shall become effective **180 days after the Adoption Date of this General Order**, on June 5, 2023.

The Enrollee shall comply with the requirements of this Order upon the Effective Date of this General Order.

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

CERTIFICATION

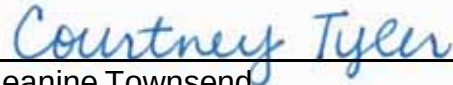
I, Jeanine Townsend, Clerk to the Board, do hereby certify that this Order with all attachments is a full, true, and correct copy of the Order adopted by the State Water Board on December 6, 2022.

AYE: Chair E. Joaquin Esquivel
Vice Chair Dorene D'Adamo
Board Member Sean Maguire
Board Member Laurel Firestone
Board Member Nichole Morgan

NAY: None

ABSENT: None

ABSTAIN: None



Jeanine Townsend for
Clerk to the Board

STATEWIDE SANITARY SEWER SYSTEMS GENERAL ORDER

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STATEWIDE SANITARY SEWER SYSTEMS GENERAL ORDER

1. INTRODUCTION

This General Order regulates sanitary sewer systems designed to convey sewage. For the purpose of this Order, a sanitary sewer system includes, but is not limited to, pipes, valves, pump stations, manholes, siphons, wet wells, diversion structures and/or other pertinent infrastructure, upstream of a wastewater treatment plant headworks. A sanitary sewer system includes:

- Laterals owned and/or operated by the Enrollee;
- Satellite sewer systems; and/or
- Temporary conveyance and storage facilities, including but not limited to temporary piping, vaults, construction trenches, wet wells, impoundments, tanks and diversion structures.

Sewage is untreated or partially treated domestic, municipal, commercial and/or industrial waste (including sewage sludge), and any mixture of these wastes with inflow or infiltration of stormwater or groundwater, conveyed in a sanitary sewer system. Sewage contains high levels of suspended solids, non-digested organic waste, pathogenic bacteria, viruses, toxic pollutants, nutrients, oxygen-demanding organic compounds, oils, grease, pharmaceuticals, and other harmful pollutants.

For the purpose of this General Order, a spill is 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. Sewage and its associated wastewater spilled from a sanitary sewer system may threaten public health, beneficial uses of waters of the State, and the environment.

This General Order serves as statewide waste discharge requirements and supersedes the previous State Water Resources Control Board (State Water Board) Order 2006-0003-DWQ and amendments thereafter. All sections and attachments of this General Order are enforceable by the State Water Board and Regional Water Quality Control Boards (Regional Water Boards). Through this General Order, the State Water Board requires an Enrollee to:

- Comply with federal and state prohibitions of discharge of sewage to waters of the State, including federal waters of the United States;
- Comply with specifications, and notification, monitoring, reporting and recordkeeping requirements in this General Order that implement the federal Clean Water Act, the California Water Code (Water Code), water quality control plans (including Regional Water Board Basin Plans) and policies;
- Proactively operate and maintain resilient sanitary sewer systems to prevent spills;
- Eliminate discharges of sewage to waters of the State through effective implementation of a Sewer System Management Plan;
- Monitor, track, and analyze spills for ongoing system-specific performance improvements; and
- Report noncompliance with this General Order per reporting requirements.

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An Enrollee is a public, private, or other non-governmental entity that has obtained approval for regulatory coverage under this General Order, including:

- A state agency, municipality, special district, or other public entity that owns and/or operates one or more sanitary sewer systems:
 - o greater than one (1) mile in length (each individual sanitary sewer system);
 - o one (1) mile or less in length where the State Water Board or a Regional Water Board requires regulatory coverage under this Order; or
- A federal agency, private company, or other non-governmental entity that owns and/or operates a sanitary sewer system of any size where the State Water Board or a Regional Water Board requires regulatory coverage under this Order in response to a history of spills, proximity to surface water, or other factors supporting regulatory coverage.

For the purpose of this Order, a sanitary sewer system includes only systems owned and/or operated by the Enrollee.

2. REGULATORY COVERAGE AND APPLICATION REQUIREMENTS

2.1. Requirements for Continuation of Existing Regulatory Coverage

To continue regulatory coverage from previous Order 2006-0003-DWQ under this General Order, **within the 60-days-prior-to the Effective Date of this General Order**, the Legally Responsible Official of an existing Enrollee shall electronically certify the Continuation of Existing Regulatory Coverage form in the online California Integrated Water Quality System (CIWQS) Sanitary Sewer System Database. The Legally Responsible Official will receive an automated CIWQS-issued Notice of Applicability email, confirming continuation of regulatory coverage under this General Order. All regulatory coverage under previous Order 2006-0003-DWQ will cease on the Effective Date of this Order.

An Enrollee continuing existing regulatory coverage is not required to submit a new application package or pay an application fee for enrollment under this General Order. The annual fee due date for continued regulatory coverage from previous Order 2006-0003-DWQ to this General Order remains unchanged.

A previous Enrollee of Order 2006-0003-DWQ that fails to certify the Continuation of Existing Regulatory Coverage form in the online CIWQS database by the Effective Date of this Order is considered a New Applicant, and will not have regulatory coverage for its sanitary sewer system(s) until:

- A new application package for system(s) enrollment is submitted per section 2.2 (Requirements for New Regulatory Coverage) below; and
- The new application package is approved per section 2.2.2 (Approval of Application Package (For New Applicants Only)).

2.2. Requirements for New Regulatory Coverage

No later than 60 days prior to commencing and/or assuming operation and maintenance responsibilities of a sanitary sewer system, a duly authorized representative that

STATEWIDE SANITARY SEWER SYSTEMS GENERAL ORDER

maintains legal authority over the public or private sanitary sewer system is required to enroll under this General Order by submitting a complete application package as specified below and as provided in Attachment B (Application for Enrollment Form) of this General Order.

Unless required by a Regional Water Board, a public agency that owns a combined sewer system subject to the Combined Sewer Overflow Control Policy (33 U.S. Code § 1342(q)), is not required to enroll, under this Order, the portions of its sanitary sewer system(s) that collects combined sanitary wastewater and stormwater.

2.2.1. Application Package Requirements

The Application for Enrollment package for new applicants must include the following items:

- **Application for Enrollment Form.** The form in Attachment B of this General Order must be completed, signed, and certified by a Legally Responsible Official, in accordance with section 5.1 (Designation of a Legally Responsible Official) of this General Order. If an electronic Application for Enrollment form is available at the time of application, a new applicant shall submit its application form electronically; and
- **Application Fee.** A fee payable to the “State Water Resources Control Board” in accordance with the Fee Schedule in the California Code of Regulations, Title 23, section 2200, or subsequent fee regulations updates.

The application fee for this General Order is based on the sanitary sewer system’s threat to water quality and complexity designations of category 2C or 3C, which is assigned based on the population served by the system. The current Fee Schedule for sanitary sewer systems is listed under subdivision (a)(2) at the following website: [Fee Schedule](https://www.waterboards.ca.gov/resources/fees/water_quality/) (https://www.waterboards.ca.gov/resources/fees/water_quality/).

2.2.2. Approval of Application Package (For New Applicants Only)

The Deputy Director of the State Water Board, Division of Water Quality (Deputy Director) will consider approval of each complete Application for Enrollment package. The Deputy Director will issue a Notice of Applicability letter which serves as approved regulatory coverage for the new Enrollee.

If the submitted application package is not complete in accordance with section 2.2.1 (Application Package Requirements) of this General Order, the Deputy Director will send a response letter to the applicant outlining the application deficiencies. The applicant will have 60 days from the date of the response letter to correct the application deficiencies and submit the identified items necessary to complete the application package to the State Water Board.

2.2.3. Electronic Reporting Account for New Enrollee

Within 30 days after the date of the Approval of Complete Application Package for System Enrollment, a duly authorized representative for the Enrollee shall obtain a CIWQS Sanitary Sewer System Database user account by clicking the “User Registration” button and following the directions on the [CIWQS Login Page](#)

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(<https://ciwqs.waterboards.ca.gov>). If additional assistance is needed to establish an online CIWQS user account, contact State Water Board staff by email at CIWQS@waterboards.ca.gov. The online user account will provide the Enrollee secure access to the online CIWQS database for electronic reporting.

2.3. Regulatory Coverage Transfer

Regulatory coverage under this General Order is not transferable to any person or party except after an existing Enrollee submits a written request for a regulatory coverage transfer to the Deputy Director, at least 60 days in advance of any proposed system ownership transfer. The written request must include a written agreement between the existing Enrollee and the new Enrollee containing:

- Acknowledgement that the transfer of ownership is solely of an existing system with an existing waste discharge identification (WDID) number;
- The specific ownership transfer date in which the responsibility and regulatory coverage transfer between the existing Enrollee and the new Enrollee becomes effective; and
- Acknowledgement that the existing Enrollee is liable for violations occurring up to the ownership transfer date and that the new Enrollee is liable for violations occurring on and after the ownership transfer date.

The Deputy Director will consider approval of the written request. If approved, the Deputy Director will issue a Notice of Applicability letter which serves as an approved transfer of regulatory coverage to the new Enrollee.

3. FINDINGS

3.1. Legal Authorities

3.1.1. Federal and State Regulatory Authority

The objective of the Clean Water Act is to restore and maintain the chemical, physical, and biological integrity of the waters of the United States (33 U.S.C. 1251). The Water Code authorizes the State Water Board to implement the Clean Water Act in the State and to protect the quality of all waters of the State (Water Code sections 13000 and 13160).

3.1.2. Discharge of Sewage

A discharge of untreated or partially treated sewage is a discharge of waste as defined in Water Code section 13050(d) that could affect the quality of waters of the State and is subject to regulation by waste discharge requirements issued pursuant to Water Code section 13263 and Chapter 9, Division 3, Title 23 of the California Code of Regulations. A discharge of sewage may pollute and alter the quality of the waters of the State to a degree that unreasonably affects the beneficial uses of the receiving water body or facilities that serve those beneficial uses (Water Code section 13050(l)(1)).

3.1.3 Water Boards Authority to Require Technical Reports, Monitoring, and Reporting

Water Code sections 13267 and 13383 authorize the Regional Water Boards and the State Water Board to establish monitoring, inspection, entry, reporting, and recordkeeping requirements. Water Code section 13267(b), authorizes the Regional Water Boards to “require any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region... or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of water within its region shall furnish, under penalty of perjury, technical or monitoring reports which the regional board requires...In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports and shall identify the evidence that supports requiring that person to provide the reports.” Water Code section 13267(f) authorizes the State Water Board to require this information if it consults with the Regional Water Boards and determines that it will not duplicate the efforts of the Regional Water Boards. The State Water Board has consulted with the Regional Water Boards and made this determination.

The technical and monitoring reports required by this General Order and Attachment E (Notification, Monitoring, Reporting and Recordkeeping Requirements) are necessary to evaluate and ensure compliance with this General Order. The effort to develop required technical reports will vary depending on the system size and complexity and the needs of the specific technical report. The burden and cost of these reports are reasonable and consistent with the interest of the state in protecting water quality, which is the primary purpose of requiring the reports.

Water Code section 13383(a) authorizes the Water Boards to “establish monitoring, inspection, entry, reporting, and recordkeeping requirements... for any person who discharges, or proposes to discharge, to navigable waters, any person who introduces pollutants into a publicly owned treatment works, any person who owns or operates, or proposes to own or operate, a publicly owned treatment works or other treatment works treating domestic sewage, or any person who uses or disposes, or proposes to use or dispose, of sewage sludge.” Section 13383(b) continues, “the state board or the regional boards may require any person subject to this section to establish and maintain monitoring equipment or methods, including, where appropriate, biological monitoring methods, sample effluent as prescribed, and provide other information as may be reasonably required.”

Reporting of spills from privately owned sewer laterals and systems pursuant to section 5.15 (Voluntary Reporting of Spills from Privately-Owned Sewer Laterals and/or Private Sanitary Sewer Systems) of this General Order is authorized by Water Code section 13225(c) and encouraged by the State Water Board, wherein a local agency may investigate and report on any technical factors involved in water quality control provided the burden including costs of such reports bears a reasonable relationship to the need for the report and the benefits to be obtained therefrom. The burden of reporting private spills under section 5.15 (Voluntary Reporting of Spills from Privately-Owned Sewer Laterals and/or Private Sanitary Sewer Systems) is minimal and is outweighed by the benefit of providing Regional Water Boards an opportunity to respond to these spills

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when an Enrollee, which in many cases has a contractual relationship with the owner of the private system, has knowledge of the spills.

3.1.4. Water Board Authority to Prescribe General Waste Discharge Requirements

Water Code section 13263(i) provides that the State Water Board may prescribe general waste discharge requirements for a category of discharges if the State Water Board finds or determines that:

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

Since 2006, the State Water Board has been regulating over 1,100 publicly owned sanitary sewer systems (See section 3.1.5 (Previous Statewide General Waste Discharge Requirements) of this General Order). California also has a large unknown number of unregulated privately owned sanitary sewer systems. All waste conveyed in publicly owned and privately owned sanitary sewer systems (as defined in this General Order) is comprised of untreated or partially treated domestic waste and/or industrial waste. Generally, sanitary sewer systems are designed and operated to convey waste by gravity or under pressure; system-specific design elements and system-specific operations do not change the common nature of the waste, the common threat to public health, or the common impacts on water quality. Spills of waste from a sanitary sewer system prior to reaching the ultimate downstream treatment facility are unauthorized and enforceable by the State Water Board and/or a Regional Water Board. Therefore, spills from sanitary sewer systems are more appropriately regulated under general waste discharge requirements.

As specified in Water Code sections 13263(a) and 13241, the implementation of requirements set forth in this Order is for the reasonable protection of past, present, and probable future beneficial uses of water and the prevention of nuisance. The requirements implement the water quality control plans (Basin Plans) for each Regional Water Board and take into account the environmental characteristics of sewer service areas and hydrographic units within the state. Additionally, the State Water Board has considered water quality conditions that could reasonably be achieved through the coordinated control of all factors that affect water quality, costs associated with compliance with these requirements, the need for developing housing within California, and the need to protect sources of drinking water and other water supplies.

3.1.5. Previous Statewide General Waste Discharge Requirements

On May 2, 2006, the State Water Board adopted Order 2006-0003-DWQ serving as Waste Discharge Requirements pursuant to Article 4, Chapter 4, Division 7 of the Water Code (commencing with section 13260) for inadvertent discharges to waters of the State. Order 2006-0003-DWQ prohibited discharges of untreated or partially treated sewage. Order 2006-0003-DWQ also required system-specific management, operation, and maintenance of publicly owned sewer systems greater than one mile in length.

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To decrease the impacts on human health and the environment caused by sewage spills, the previous Order required enrollees to develop a rehabilitation and replacement plan that identifies system deficiencies and prioritizes short-term and long-term rehabilitation actions. The previous Order also required enrollees to:

1. Maintain information that can be used to establish and prioritize appropriate Sewer System Management Plan activities; and
2. Implement a proactive approach to reduce spills.

The previous Order required Sewer System Management Plan elements for “the proper and efficient management, operation, and maintenance of sanitary sewer systems, while taking into consideration risk management.”

On July 30, 2013, the State Water Board amended General Order 2006-0003-DWQ with Order WQ 2013-0058-EXEC, Amending Monitoring and Reporting Program for Statewide General Waste Discharge Requirements for Sanitary Sewer Systems.

Many enrollees of Order 2006-0003-DWQ have already implemented proactive measures to reduce sewage spills. Other enrollees, however, still need technical assistance and funding to improve sanitary sewer system operation and maintenance for the reduction of sewage spills.

3.1.6. Existing Memorandum of Agreement with California Water Environment Association

The California Water Environment Association is a nonprofit organization dedicated to providing water industry certifications, training, and networking opportunities. The Association’s Technical Certification Program provides accredited sanitary sewer system operator certification for collection system operators and maintenance workers.

On February 10, 2016, the State Water Board entered into a collaborative agreement with the Association titled *Memorandum of Agreement Between the California State Water Resources Control Board and the California Water Environment Association - Training Regarding Requirements Set Forth in Statewide General Waste Discharge Requirements for Sanitary Sewer Systems*. The Memorandum sets forth collaborative training necessary for regulated sanitary sewer system personnel to operate and maintain a well operating system and ensure full compliance with statewide sewer system regulations.

On March 15, 2018, the State Water Board and the California Water Environment Association amended the existing Memorandum of Agreement to include collaborative outreach and expand training needs associated with further updates to Water Board regulations for sanitary sewer systems. The State Water Board encourages further Agreement updates as necessary to support improved sewer system operations and the professionalism of collection system operators.

3.2. General

3.2.1. Waters of the State

Waters of the State include any surface water or groundwater, including saline waters, within the boundaries of the state as defined in Water Code section 13050(e), and are inclusive of waters of the United States.

3.2.2. Sanitary Sewer System Spill Threats to Public Health and Beneficial Uses

Sewage contains high levels of suspended solids, pathogenic organisms, toxic pollutants, nutrients, oxygen-demanding organic compounds, oil and grease and other pollutants. Sewage spills may cause a public nuisance, particularly when sewage is discharged to areas with high public exposure such as streets and surface waters used for drinking, irrigation, fishing, recreation, or other public consumption or contact uses.

More specifically, sanitary sewer spills may:

- Adversely affect aquatic life and/or threaten water quality when reaching receiving waters;
- Inadvertently release trash, including plastics;
- Impair the recreational use and aesthetic enjoyment of surface waters by polluting surface water or groundwater;
- Threaten public health through direct public exposure to bacteria, viruses, intestinal parasites, and other microorganisms that can cause serious illness such as gastroenteritis, hepatitis, cryptosporidiosis, and giardiasis;
- Negatively impact ecological receptors and biota within surface waters; and
- Cause nuisance including odors, closure of beaches and recreational areas, and property damage.

Sanitary sewer system spills may pollute receiving waters and threaten beneficial uses of surface water and groundwater. Potentially threatened beneficial uses include, but are not limited to the following (with associated acronym representations as included in statewide water quality control plans and Regional Water Boards' Basin Plans):

- Municipal and Domestic Supply (MUN)
- Water Contact Recreation (REC-1) and Non-Contact Water Recreation (REC-2)
- Cold Freshwater Habitat (COLD)
- Warm Freshwater Habitat (WARM)
- Native American Culture (CUL)
- Wildlife Habitat (WILD)
- Rare, Threatened, or Endangered Species (RARE)
- Spawning, Reproduction, and/or Early Development (SPWN)
- Wetland Habitat (WET)
- Agricultural Supply (AGR)
- Estuarine Habitat (EST)

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- Commercial and Sport Fishing (COMM)
- Subsistence Fishing (SUB)
- Tribal Tradition and Culture (CUL)
- Tribal Subsistence Fishing (T-SUB)
- Aquaculture (AQUA)
- Marine Habitat (MAR)
- Preservation of Biological Habitats of Special Significance (BIOL)
- Migration of Aquatic Organisms (MIGR)
- Shellfish Harvesting (SHELL)
- Industrial Process Supply (PROC)
- Industrial Service Supply (IND)
- Hydropower Generation (POW)
- Navigation (NAV)
- Flood Peak Attenuation/Flood Water Storage (FLD)
- Water Quality Enhancement (WQE)
- Fresh Water Replenishment (FRSH)
- Groundwater Recharge (GWR)
- Inland Saline Water Habitat (SAL)

3.2.3. Proactive Sanitary Sewer System Management to Eliminate Spill Causes

Finding 3 of the previous Order, 2006-0003-DWQ, states: “Sanitary sewer systems experience periodic failures resulting in discharges that may affect waters of the state. There are many factors (including factors related to geology, design, construction methods and materials, age of the system, population growth, and system operation and maintenance), which affect the likelihood of an SSO [sanitary sewer overflow]. A proactive approach that requires Enrollees to ensure a system-wide operation, maintenance, and management plan is in place will reduce the number and frequency of SSOs within the state. This approach will in turn decrease the risk to human health and the environment caused by SSOs.”

Many spills are preventable through proactive attention on sanitary sewer system management using the best practices and technologies available to address major causes of spills, including but not limited to:

- Blockages from sources including but not limited to:
 - o Fats, oils and grease;
 - o Tree roots;
 - o Rags, wipes and other paper, cloth and plastic products; and
 - o Sediment and debris.
- Sewer system damage and exceedance of sewer system hydraulic capacity from identified system-specific environmental, and climate-change impacts, including but not limited to:

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- o Sea level rise impacts including flooding, coastal erosion, seawater intrusion, tidal inundation and submerged lands;
 - o Increased surface water flows due to higher intensity rain events;
 - o Flooding;
 - o Wildfires and wildfire induced impacts;
 - o Earthquake induced damage;
 - o Landslides; and
 - o Subsidence.
- Infrastructure deficiencies and failures, including but not limited to:
 - o Pump station mechanical failures;
 - o System age;
 - o Construction material failures;
 - o Manhole cover failures;
 - o Structural failures; and
 - o Lack of proper operation and maintenance.
- Insufficient system capacity (temporary or sustained), due to factors including but not limited to:
 - o Excessive and/or increased storm or groundwater inflow/infiltration;
 - o Insufficient capacity due to population increase and/or new connections from industrial, commercial and other system users; and
 - o Stormwater capture projects utilizing a sanitary sewer system to convey stormwater to treatment facilities for reuse.
- Community impacts, including but not limited to:
 - o Power outages;
 - o Vandalism; and
 - o Contractor-caused or other third party-caused damages.

3.2.4. Underground Sanitary Sewer System Leakage

Portions of some sanitary sewer systems may leak, causing underground exfiltration (exiting) of sewage from the system. Exfiltrated sewage that remains in the underground infrastructure trench and/or the soil matrix, and that does not discharge into waters of the State (surface water or groundwater) may not threaten beneficial uses.

Underground exfiltrated sewage may threaten beneficial uses if discharged to waters of the State. Exfiltrated sewage that discharges to groundwater may impact beneficial uses of groundwater and pollute groundwater supply. Additionally, if in close proximity, exfiltrated sewage may enter into a compromised underground drainage conveyance system that discharges into a water of the United States, or into groundwater that is hydrologically connected to (feeds into) a water of the United States, thus potentially causing: (1) a Clean Water Act violation, (2) threat and impact to beneficial uses, and/or (3) surface water pollution.

3.2.5. Proactive Sanitary Sewer System Management to Reduce Inflow and Infiltration

Excessive inflow (stormwater entering) and infiltration (groundwater seepage entering) to sanitary sewer systems is preventable through proactive sewer system management using the best practices and technologies available. The efficiency of the downstream wastewater treatment processes is dependent on the performance of the sanitary sewer system. When the structural integrity of a sanitary sewer system deteriorates, high volumes of inflow and infiltration can enter the sewer system. High levels of inflow and infiltration increase the hydraulic load on the downstream treatment plant, which can reduce treatment efficiency, lead to bypassing a portion of the treatment process, cause illegal discharge of partially treated effluent, or in extreme situations make biological treatment facilities inoperable (e.g., wash out the biological organisms that treat the waste).

3.3. Water Quality Control Plans, Policies and Resolutions

The nine Regional Water Boards have adopted region-specific water quality control plans (commonly referred to as Basin Plans) that designate beneficial uses, establish water quality objectives, and contain implementation programs and policies to achieve those objectives. The State Water Board has adopted statewide water quality control plans, policies and resolutions establishing statewide water quality objectives, implementation programs and initiatives.

3.3.1. State Water Board Antidegradation Policy

On October 28, 1968, the State Water Board adopted Resolution 68-16, titled Statement of Policy with Respect to Maintaining High Quality of Waters in California, which incorporates the federal antidegradation policy. Resolution 68-16 requires that existing water quality be maintained unless degradation is justified based on specific findings.

The continued prohibition of sewage discharges from sanitary sewer systems into waters of the State aligns with Resolution 68-16. A sewage discharge from sanitary sewers to waters of the State is prohibited by this Order. Therefore, this Order does not allow degradation of waters of the State. In addition, this Order: (1) further expands the existing prohibition of sewage discharges to include waters of the State, in addition to waters of the United States as provided in previous Order 2006-0003-DWQ, and (2) enhances the ability for Water Board enforcement of violations of the established prohibitions.

3.3.2. State Water Board Sources of Drinking Water Policy

On May 19, 1988, the State Water Board adopted Resolution 88-63 (amended on February 1, 2006), titled Sources of Drinking Water, establishing state policy that all waters of the State, with certain exceptions, are suitable or potentially suitable for municipal or domestic supply.

3.3.3. State Water Board Cost of Compliance Resolution

On September 24, 2013, the State Water Board adopted Resolution 2013-0029, titled Directing Actions in Response to Efforts by Stakeholders on Reducing Costs of

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Compliance While Maintaining Water Quality Protection. Through this resolution, the State Water Board committed to continued stakeholder engagement in identifying and implementing measures to reduce costs of compliance with regulatory orders while maintaining water quality protection and improving regulatory program outcomes.

3.3.4. State Water Board Human Right to Water Resolution

On February 16, 2016, the State Water Board adopted Resolution 2016-0010, titled Adopting the Human Right to Water as a Core Value and Directing its Implementation in Water Board Programs and Activities, addressing the human right to water as a core value and directing Water Board programs to implement requirements to support safe drinking water for all Californians.

On November 16, 2021, the State Water Board adopted Resolution 2021-0050 titled Condemning Racism, Xenophobia, Bigotry, and Racial Injustice, and Strengthening Commitment to Racial Equity, Diversity, Inclusion, Access, and Anti-racism. Among other actions, through Resolution 2021-0050, the State Water Board, in summary as corresponding to this General Order, reaffirms its commitment to its Human Right to Water resolution, upholding that every human being in California deserves safe, clean, affordable, and accessible water for human consumption, cooking, and sanitation purposes. Resolution 2021-0050 provides the State Water Board commitment to:

- Protect public health and beneficial uses of waterbodies in all communities, including communities disproportionately burdened by wastes discharge of waste to land and surface water;
- Restore impaired surface waterbodies and degraded aquifers; and
- Promote multi-benefit water quality projects.

Through Resolution 2021-0050, the State Water Board also commits to expanding implementation of its Climate Change Resolution to address the disproportionate effects of extreme hydrologic conditions and sea-level rise on Black, Indigenous, and people of color communities, prioritizing:

- The right to safe, clean, affordable, and accessible drinking water and sanitation;
- Sustainable management and protection of local groundwater resources;
- Healthy watersheds; and
- Access to surface waterbodies that support subsistence fishing.

On June 7, 2022, the State Water Board adopted a Resolution, titled Authorizing the Executive Director or Designee to Enter into One or More Multi-Year Contracts Up to a Combined Sum of \$4,000,000 for a Statewide Wastewater Needs Assessment, supporting the equitable access to sanitation for all Californians and implementation of Resolutions 2016-0010 and 2021-0050.

This General Order supports the State Water Board priority in collecting a comprehensive set of data for California's wastewater systems, including sanitary sewer systems. Data reported per the requirements of this Order will be used with data from other Water Boards' programs, to further develop criteria and create a statewide risk

framework to prioritize critical funding and infrastructure investments for California's most vulnerable populations, including disadvantaged or severely disadvantaged communities with inadequate or failing sanitation systems and threatened access to healthy drinking water supplies.

3.3.5. State Water Board Open Data Resolution

On July 10, 2018, the State Water Board adopted Resolution 2018-0032, titled Adopting Principles of Open Data as a Core Value and Directing Programs and Activities to Implement Strategic Actions to Improve Data Accessibility and Associated Innovation, directing regulatory programs to assure all monitoring and reporting requirements support the State Water Boards' Open Data Initiative.

3.3.6. State Water Board Response to Climate Change

On March 7, 2017, the State Water Board adopted Resolution 2017-0012, titled Comprehensive Response to Climate Change, requiring a proactive response to climate change in all California Water Board actions, with the intent to embed climate change consideration into all programs and activities.

3.4. California Environmental Quality Act

The adoption of this Order is an action to reissue general waste discharge requirements that is exempt from the California Environmental Quality Act (Public Resources Code section 21000 et seq.) because it is an action taken by a regulatory agency to assure the protection of the environment and the regulatory process involves procedures for protection of the environment (Cal. Code Regs., Title 14, section 15308). In addition, the action to adopt this Order is exempt from CEQA pursuant to Cal. Code Regs., Title 14, section 15301, to the extent that it applies to existing sanitary sewer collection systems that constitute "existing facilities" as that term is used in sections 15301 and 15302, to the extent that it results in the repair or replacement of existing systems involving negligible or no expansion of capacity.

3.5. State Water Board Funding Assistance for Compliance with Water Board Water Quality Orders

The State Water Board, Division of Financial Assistance administers the implementation of the State Water Board financial assistance programs, per Board-adopted funding policies. Among other funding areas, the Division administers loan and grant funding for the planning and construction of wastewater and water recycling facilities per funding program-specific policies and guidelines. Applicants may apply for Clean Water State Revolving Fund low-interest loan, Small Community Wastewater grant funding assistance, and other funding available at the time of application, for some of the costs associated with complying with this General Order.

Funding applicants may obtain further information regarding current funding opportunities, and Division of Financial Assistance staff contact information at the following website: [Financial Assistance Funding - Grants and Loans | California State Water Resources Control Board](https://www.waterboards.ca.gov/water_issues/programs/grants_loans/).

(https://www.waterboards.ca.gov/water_issues/programs/grants_loans/)

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Section 13477.6 of the Water Code authorizes the Small Community Grant Fund. The Small Community Grant Fund allows the State Water Board to provide grant funding assistance to small, disadvantaged communities and small severely disadvantaged communities that may not otherwise be able to afford a loan or similar financing for projects to comply with requirements of this General Order. The State Water Board also considers loan forgiveness on a disadvantaged community-specific basis.

For disadvantaged communities' wastewater needs, the State Water Board places priority on the funding of projects that address:

- Public health;
- Violations of waste discharge requirements and National Pollutant Discharge Elimination System (NPDES) permits;
- Providing sewer system service to existing septic tank owners; and
- High priority public health and water quality concerns identified by a Regional Water Board.

3.6. Notification to Interested Parties

On January 31, 2022, the State Water Board notified interested parties and persons of its intent to reissue Sanitary Sewer Systems General Order 2006-0003-DWQ by issuing a draft General Order for a 60-day public comment period. State Water Board staff conducted extensive stakeholder outreach and encouraged public participation in the adoption process for this General Order. On March 15, 2022, the State Water Board held a public meeting to hear and consider oral public comments. The State Water Board considered all public comments prior to adopting this General Order.

THEREFORE, IT IS HEREBY ORDERED, that pursuant to Water Code sections 13263, 13267, and 13383 this General Order supersedes Order 2006-0003-DWQ, Order WQ 2013-0058-EXEC, and any amendments made to these Orders thereafter, except for enforcement purposes and to meet the provisions contained in Division 7 of the Water Code (commencing with section 13000) and regulations adopted thereunder, and the provisions of the Clean Water Act and regulations and guidelines adopted thereunder, the Enrollee shall comply with the requirements in this Order.

4. PROHIBITIONS

4.1 Discharge of Sewage from a Sanitary Sewer System

Any discharge from a sanitary sewer system that has the potential to discharge to surface waters of the State is prohibited unless it is promptly cleaned up and reported as required in this General Order.

4.2 Discharge of Sewage to Waters of the State

Any discharge from a sanitary sewer system, discharged directly or indirectly through a drainage conveyance system or other route, to waters of the State is prohibited.

4.3. Discharge of Sewage Creating a Nuisance

Any discharge from a sanitary sewer system that creates a nuisance or condition of pollution as defined in Water Code section 13050(m) is prohibited.

5. SPECIFICATIONS

5.1. Designation of a Legally Responsible Official

The Enrollee shall designate a Legally Responsible Official that has authority to ensure the enrolled sanitary sewer system(s) complies with this Order, and is authorized to serve as a duly authorized representative. The Legally Responsible Official must have responsibility over management of the Enrollee's entire sanitary sewer system, and must be authorized to make managerial decisions that govern the operation of the sanitary sewer system, including having the explicit or implicit duty of making major capital improvement recommendations to ensure long-term environmental compliance. The Legally Responsible Official must have or have direct authority over individuals that:

- Possess a recognized degree or certificate related to operations and maintenance of sanitary sewer systems, and/or
- Have professional training and experience related to the management of sanitary sewer systems, demonstrated through extensive knowledge, training and experience.

For example, a sewer system superintendent or manager, an operations manager, a public utilities manager or director, or a district engineer may be designated as a Legally Responsible Official.

The Legally Responsible Official shall complete the electronic [CIWQS "User Registration" form](https://ciwqs.waterboards.ca.gov/ciwqs/newUser.jsp) (<https://ciwqs.waterboards.ca.gov/ciwqs/newUser.jsp>). A Legally Responsible Official that represents multiple enrolled systems shall complete the electronic CIWQS "User Registration" form for each system.

The Enrollee shall submit any change to its Legally Responsible Official, and/or change in contact information, to the State Water Board within 30 calendar days of the change by emailing ciwqs@waterboards.ca.gov and copying the appropriate Regional Water Board as provided in Attachment F (Regional Water Quality Control Board Contact Information) of this General Order.

5.2. Sewer System Management Plan Development and Implementation

To facilitate adequate local funding and management of its sanitary sewer system(s), the Enrollee shall develop and implement an updated Sewer System Management Plan. The scale and complexity of the Sewer System Management Plan, and specific elements of the Plan, must match the size, scale and complexity of the Enrollee's sanitary sewer system(s). The Sewer System Management Plan must address, at minimum, the required Plan elements in Attachment D (Sewer System Management Plan – Required Elements) of this General Order. To be effective, the Sewer System Management Plan must include procedures for the management, operation, and maintenance of the sanitary sewer system(s). The procedures must: (1) incorporate the

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prioritization of system repairs and maintenance to proactively prevent spills, and (2) address the implementation of current standard industry practices through available equipment, technologies, and strategies.

For an existing Enrollee under Order 2006-0003-DWQ that has certified its Continuation of Existing Regulatory Coverage, per section 2.1 (Requirements for Continuation of Existing Regulatory Coverage) of this General Order:

Within six (6) months of the Adoption Date of this General Order:

- The Legally Responsible Official shall upload the Enrollee's existing Sewer System Management Plan to the online CIWQS Sanitary Sewer System Database.

For a new Enrollee:

Within twelve (12) months of the Application for Enrollment approval date:

- The governing entity of the new Enrollee shall approve its Sewer System Management Plan; and
- The Legally Responsible Official shall certify and upload its Sewer System Management Plan to the online CIWQS Sanitary Sewer System Database.

5.3. Certification of Sewer System Management Plan and Plan Updates

The Legally Responsible Official shall certify and upload its Sewer System Management Plan and all subsequent updates to the online CIWQS Sanitary Sewer System Database.

5.4. Sewer System Management Plan Audits

The Enrollee shall conduct an internal audit of its Sewer System Management Plan, and implementation of its Plan, at a minimum frequency of once every three years. The audit must be conducted for the period after the end of the Enrollee's last required audit period. **Within six months after the end of the required 3-year audit period**, the Legally Responsible Official shall submit an audit report into the online CIWQS Sanitary Sewer System Database per the requirements in section 3.10 (Sewer System Management Plan Audit Reporting Requirements) of Attachment E1 of this General Order.

Audit reports submitted to the CIWQS Sanitary Sewer System Database will be viewable only to Water Boards staff.

The internal audit shall be appropriately scaled to the size of the system(s) and the number of spills. The Enrollee's sewer system operators must be involved in completing the audit. At minimum, the audit must:

- Evaluate the implementation and effectiveness of the Enrollee's Sewer System Management Plan 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

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- 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.

A new Enrollee of this General Order (that did not have a sanitary sewer system enrolled in the previous State Water Board Order 2006-0003-DWQ) shall conduct its first internal Sewer System Management Plan audit for the time period between the date of submittal of its certified Sewer System Management Plan and the third subsequent December 31st date. The audit report must be submitted into the online CIWQS Sanitary Sewer System Database **by July 1 of the following calendar year.**

See the following tables for clarification:

Initial Audit Period and Audit Due Date for New Enrollees

	Audit Period	Audit Due Date
New Enrollee	Certified Sewer System Management Plan Submittal Date through the third subsequent December 31 st date	July 1 st date after audit period
<i>Example</i>	<i>Certified Sewer System Management Plan Submittal Date of August 2, 2025 Audit Period of August 2, 2025 through December 31, 2027</i>	<i>July 1, 2028</i>

Initial Audit Period for Transition from 2-Year Audit Required in Previous Order 2006-0003-DWQ to 3-Year Audit Required in this General Order

	Audit Period	Audit Due Date
An Enrollee previously regulated by Order 2006-003-DWQ	A 3-year period starting from the end of last required 2-year Audit Period	Within six months after end of 3-year Audit Period
<i>Example</i>	<i>Last required Audit Period start date of August 2, 2021; Audit Period of August 2, 2021 through August 1, 2024</i>	<i>February 1, 2025</i>

Three-Year Ongoing Audit Period

	Audit Period	Audit Due Date
Each Enrollee	A 3-year period starting from the end of last required Audit Period	Within six months after end of 3-year Audit Period

5.5. Six-Year Sewer System Management Plan Update

At a minimum, the Enrollee shall update its Sewer System Management Plan every six (6) years after the date of its last Plan Update due date. (For an Enrollee previously regulated by Order 2006-0003-DWQ, the six-year period shall commence on the due date identified in section 3.11 of Attachment E1 (Notification, Monitoring, Reporting and Recordkeeping Requirements) of this Order. The Updated Sewer System Management Plan must include:

- Elements required in Attachment D (Sewer System Management Plan – Required Elements) of this Order;
- Summary of revisions included in the Plan update based on internal audit findings; and
- Other sewer system management-related changes.

The Enrollee's governing entity shall approve the updated Plan. The Legally Responsible Official shall upload and certify the approved updated Plan in the online CIWQS Sanitary Sewer System Database in accordance with section 3.11 (Sewer System Management Plan Reporting Requirements) of Attachment E1 (Notification, Monitoring, Reporting and Recordkeeping Requirements) of this General Order. During the time period in between Plan updates, the Enrollee shall continuously document changes to its Sewer System Management Plan in a change log attached to the Plan.

5.6. System Resilience

The Enrollee shall include and implement system-specific procedures in its Sewer System Management Plan to proactively prioritize: (1) operation and maintenance, (2) condition assessments, and (3) repair and rehabilitation, to address ongoing system resilience, as specified in Attachment D (Sewer System Management Plan – Required Elements) of this General Order.

5.7. Allocation of Resources

The Enrollee shall:

- Establish and maintain a means to manage all necessary revenues and expenditures related to the sanitary sewer system; and
- Allocate the necessary resources to its sewer system management program for:
 - o Compliance with this General Order,
 - o Full implementation of its updated Sewer System Management Plan,
 - o System operation, maintenance, and repair, and
 - o Spill responses.

5.8. Designation of Data Submitters

The Legally Responsible Official may designate one or more individuals as a Data Submitter for reporting of spill data. The Legally Responsible Official shall authorize the designation of Data Submitter(s) through the online [CIWQS database](https://ciwqs.waterboards.ca.gov) (<https://ciwqs.waterboards.ca.gov>) prior to the individuals establishing a [CIWQS user account](https://ciwqs.waterboards.ca.gov/ciwqs/newUser.jsp) (<https://ciwqs.waterboards.ca.gov/ciwqs/newUser.jsp>) and entering spill data into the online CIWQS Sanitary Sewer System Database.

The Legally Responsible Official shall submit any change to its Data Submitter(s), and/or change in Data Submitter contact information, to the State Water Board within 30 calendar days of the change, by emailing ciwqs@waterboards.ca.gov and copying the appropriate Regional Water Board as provided in Attachment F (Regional Water Quality Control Board Contact Information) of this General Order.

5.9. Reporting Certification

The Legally Responsible Official shall electronically certify, on the Enrollee's behalf, all applications, reports, the Sewer System Management Plan(s) and corresponding updates, and other information submitted electronically into the online CIWQS Sanitary Sewer System Database, as follows:

"I certify under penalty of perjury under the laws of the State of California that the electronically submitted information was prepared under my direction or supervision. Based on my inquiry of the person(s) directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete, and complies with the Statewide Sanitary Sewer Systems General Order. I am aware that there are significant penalties for submitting false information."

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Hardcopy submittals to the State Water Board must be accompanied by the above certification statement.

5.10. System Capacity

The Enrollee shall maintain the system capacity necessary to convey: (1) base flows during dry weather conditions, and (2) wet weather peak flows consistent with designated local historic storms. Design storms must take into account system-specific stormwater contributions via inflow and infiltration, and location-specific depth of groundwater and storm frequencies. The Enrollee shall implement capital improvements to provide adequate hydraulic capacity to:

- Meet or exceed the design criteria as defined in the Enrollee's System Evaluation and Capacity Assurance element of its Sewer System Management Plan; and
- Prevent system capacity-related spills, and adverse impacts to the treatment efficiency of downstream wastewater treatment facilities.

5.11. System Performance Analysis

The Enrollee shall include a running 10-year system performance analysis in its Annual Report. The analysis must include two CIWQS-generated graphs presenting the following information:

Graph 1 – Total Spill Volume per Year:

X axis: A 10-year period which includes the current calendar year and the nine previous calendar years;

Y axis: The total spill volume, per Spill Category, for each calendar year.

Graph 2 – Total Number of Spills per Year:

X axis: A 10-year period which includes the current calendar year and the nine previous calendar years;

Y axis: The total number of spills, per Spill Category, for each calendar year.

The current calendar year is the calendar year covered in the Annual Report.

The Enrollee shall generate the graphs in CIWQS, using the existing data in the online CIWQS Sanitary Sewer System Database at the following graph generation link:

(https://ciwqs.waterboards.ca.gov/ciwqs/readOnly/PublicReportSSOServlet?reportAction=criteria&reportId=sso_operation_report).

5.12. Spill Emergency Response Plan and Remedial Actions

For Existing Enrollees (with regulatory coverage under Order 2006-0003-DWQ):

Within six (6) months of the Adoption Date of this General Order, the Enrollee shall update and implement its Spill Emergency Response Plan, per Attachment D, section 6 (Spill Emergency Response Plan) of this General Order.

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For New Enrollees:

Within six (6) months of the Application for Enrollment approval date, the Enrollee shall develop and implement a Spill Emergency Response Plan, per Attachment D, section 6 (Spill Emergency Response Plan) of this General Order.

The Enrollee shall certify, in its Annual Report, that its Spill Emergency Response Plan is up to date.

The Spill Emergency Response Plan shall include measures to protect public health and the environment. The Enrollee shall respond to spills from its system(s) in a timely manner that minimizes water quality impacts and nuisance by:

- Immediately stopping the spill and preventing/minimizing a discharge to waters of the State;
- Intercepting sewage flows to prevent/minimize spill volume discharged into waters of the State;
- Thoroughly recovering, cleaning up and disposing of sewage and wash down water; and
- Cleaning publicly accessible areas while preventing toxic discharges to waters of the State.

5.13. Notification, Monitoring, Reporting and Recordkeeping Requirements

The Enrollee shall comply with notification, monitoring, reporting, and recordkeeping requirements in Attachment E1 of this General Order.

5.13.1. Spill Categories

Individual spill notification, monitoring and reporting must be in accordance with the following spill categories:

- **Category 1 Spill**

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

- o A surface water, including a surface water body that contains no flow or volume of water; or
- o 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.

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A spill from an Enrollee-owned and/or operated lateral that discharges to a surface water is a Category 1 spill; the Enrollee shall report all Category 1 spills per section 3.1 of Attachment E1 (Notification, Monitoring, Reporting and Recordkeeping Requirements) of this General Order.

- **Category 2 Spill**

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 Spill**

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 Spill**

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.

5.13.2. Annual Report

The Enrollee shall submit an Annual Report (previously termed as Collection System Questionnaire in Order 2006-0003-DWQ) as specified in section 3.9 (Annual Report) of Attachment E1 (Notification, Monitoring, Reporting and Recordkeeping Requirements) of this General Order.

For new Enrollees: Within 30 days of obtaining a CIWQS account, a new Enrollee shall submit its initial Annual Report, as specified in section 3.9 (Annual Report) of Attachment E1 (Notification, Monitoring, Reporting and Recordkeeping Requirements) of this General Order.

5.14. Electronic Sanitary Sewer System Service Area Boundary Map

For continuing enrollees, starting on July 1, 2025, and no later than December 31, 2025:

For new enrollees – no earlier than July 1, 2025, or within 12 months of the Application for Enrollment approval date, whichever date is later:

The Legally Responsible Official shall submit, to the State Water Board, geospatial data detailing the locations of the Enrollee's sanitary sewer system service area boundary, per the required content and specifications in section 3.8 (Electronic Sanitary Sewer System Service Area Boundary Map) of Attachment E1 of this General Order, for each system identified by a WDID number.

An Enrollee of a disadvantaged community that may need assistance developing an electronic map to comply with this requirement, may contact State Water Board staff for assistance at SanitarySewer@waterboards.ca.gov.

5.15. Voluntary Reporting of Spills from Privately-Owned Sewer Laterals and/or Private Sanitary Sewer Systems

Within 24 hours of becoming aware of a spill (as described below) from a private sewer lateral or private sanitary sewer system that is not owned/operated by the Enrollee, the Enrollee is encouraged to report the following observations to the online CIWQS Sanitary Sewer System Database at the following link:

<https://ciwqs.waterboards.ca.gov>:

- A spill equal or greater than 1,000 gallons that discharges (or has a potential to discharge) to a water of the State, or a drainage conveyance system that discharges to waters of the State; **or**
- Any volume of sewage that discharges (or has a potential to discharge) to surface waters.

In the CIWQS module, the Enrollee is encouraged to identify:

- Time of observation;
- Description of general spill location (for example, street name and cross street names);
- Estimated volume of spill;
- If known, general description of spill destination (for example, flowing into drainage channel, flowing directly into a creek, etc.); and
- If known, name of private system owner/operator.

The CIWQS database will make the name and contact information of the entity voluntarily reporting a private spill, accessible to State and Regional Water Board staff only. The CIWQS database will only make information regarding the actual spill, accessible to the public.

5.16. Voluntary Notification of Spills from Privately-Owned Laterals and/or Systems to the California Office of Emergency Services

Upon observing or acquiring knowledge of any of the following from a private sewer lateral or private sanitary sewer system that is not owned/operated by the Enrollee, the Enrollee is encouraged to notify the California Office of Emergency Services (as provided by Health and Safety Code section 5410 et. seq. and Water Code section 13271), or inform the responsible party that State law requires such notification to the Office of Emergency Services by any person that causes or allows a sewage discharge to waters of the State:

- A spill equal to 1,000 gallons or more that discharges (or has a potential to discharge) to waters of the State, or a drainage conveyance system that discharges to waters of the State; or
- A spill of any volume to surface waters.

5.17. Unintended Failure to Report

If an Enrollee becomes aware that they unintentionally failed to submit relevant facts in any report required in this General Order, the Enrollee shall promptly notify Regional Water Board and State Water Board staff. Regional Water Board contact information is included in Attachment F of this Order. State Water Board staff shall be contacted by email at SanitarySewer@waterboards.ca.gov for assistance in formally amending the corresponding report(s) in the online CIWQS Sanitary Sewer System Database.

5.18. Duty to Report to Water Boards

In accordance with Water Code section 13267 and/or section 13383, upon request by the State Water Board Executive Director (or designee) or a Regional Water Board Executive Officer (or designee), the Enrollee shall provide the requested information which the State or Regional Water Board deems necessary to determine compliance with this General Order.

5.19. Operation and Maintenance

To prevent discharges to the environment, the Enrollee shall maintain in good working order, and operate as designed, any facility or treatment and control system designed to contain sewage and convey it to a treatment plant.

6. PROVISIONS

6.1. Enforcement Provisions

The following enforcement provisions are based on existing federal and state regulations, laws and policies, including the federal Clean Water Act, the state Water Code and the State Water Board Enforcement Policy.

6.1.1. Enforceability of Clean Water Act and Water Code Violations

Noncompliance with requirements of this General Order or discharging sewage without enrolling in this General Order constitutes a violation of the Water Code and a potential

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violation of the Clean Water Act and is grounds for an enforcement action by the State Water Board or the applicable Regional Water Board. Failure to comply with the notification, monitoring, inspection, entry, reporting, and recordkeeping requirements may subject the Enrollee to administrative civil liabilities of up to \$10,000 a day per violation pursuant to Water Code section 13385; up to \$1,000 a day per violation pursuant to Water Code section 13268; or referral to the Attorney General for judicial civil enforcement. Discharging waste not in compliance with the requirements of this General Order or the Clean Water Act may subject the Enrollee to administrative civil liabilities up to \$10,000 a day per violation and additional liability up to \$10 per gallon of discharge not cleaned up after the first 1,000 gallons of discharge; up to \$5,000 a day per violation pursuant to Water Code section 13350 or up to \$20 per gallon of waste discharged; or referral to the Attorney General for judicial civil enforcement.

6.1.2. Monetary Penalties

The Water Code provides the State and Regional Water Boards the authority to pursue formal enforcement actions, including imposing administrative liability and civil monetary penalties, for non-compliance with the requirements of this General Order and violations of the Clean Water Act.

6.1.3. Falsifying or Failure to Report

The Water Code provides that any person failing or refusing to furnish technical or monitoring program reports, as required under this General Order, or falsifying any information provided in the technical or monitoring reports is subject to administrative liability and civil monetary penalties. Any person who knowingly fails or refuses to furnish technical or monitoring program reports or falsifies any information provided in reports required by this General Order is subject to criminal penalties.

6.1.4. Severability of General Order

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

6.1.5. Indirect Discharges

In the event that a spill enters into a drainage conveyance system, the Enrollee shall take all feasible steps to prevent discharge of sewage into waters of the State by blocking or redirecting the flow in the drainage conveyance system, removing the sewage from the drainage conveyance system, and cleaning the system in a manner that does not inadvertently impact beneficial uses of the receiving water body.

6.1.6. Water Boards' Considerations for Discretionary Enforcement

Consistent with the State Water Board Enforcement Policy, when considering Water Code section 13327 factors, the State Water Board or a Regional Water Board may consider the Enrollee's efforts to contain, control, clean up, and mitigate spills. In assessing the factors, the State Water Board or the applicable Regional Water Board will consider:

STATEWIDE SANITARY SEWER SYSTEMS GENERAL ORDER

- The Enrollee's compliance with this General Order with a focus on compliance with reporting requirements;
- The Enrollee's provision of adequate funding to implement the requirements of this General Order;
- The Enrollee's compliance with providing a complete and updated Sewer System Management Plan;
- The Enrollee's compliance with implementing its Sewer System Management Plan;
- The overall effectiveness of the Enrollee's Sewer System Management Plan with respect to:
 - o System management, operation, and maintenance,
 - o Adequate treatment facilities, sanitary sewer system facilities, and/or components with an appropriate design capacity, to reasonably prevent spills (e.g. adequately enlarging treatment or collection facilities to accommodate growth, infiltration and inflow, etc.),
 - o Preventive maintenance (including cleaning, root grinding, and fats, oils, and grease control) and source control measures,
 - o Implementation of backup equipment,
 - o Inflow and infiltration prevention and control,
 - o Appropriate sanitary sewer system capacity to prevent spills, and
 - o The Enrollee's responsiveness to stop and mitigate the impact of the discharge;
- The Enrollee's compliance with identifying the cause of the spill;
- The Enrollee's use of available information and observations to accurately estimate the spill volume and identify the affected or potentially affected receiving waters;
- The Enrollee's thoroughness of cleaning up sewage in drainage conveyance systems after the spill(s);
- The Enrollee's use of water quality and biological monitoring and assessment to determine the short-term and long-term impacts to beneficial uses and the environment;
- The Enrollee's follow up actions to improve system performance;
- The Enrollee's implementation of feasible alternatives to prevent spills, such as:
 - o Use of temporary storage or waste retention,
 - o Reduction of system inflow and infiltration,
 - o Collection and hauling of waste to a treatment facility,
 - o Prevention of and/ or containment of spills due to a design storm event identified in the Enrollee's Sewer System Management Plan,

STATEWIDE SANITARY SEWER SYSTEMS GENERAL ORDER

- o Implementation of available equipment, technologies, strategies, and recommended industry practices for maintaining and managing sewer systems to prevent spills, and contain and eliminate discharges to waters of the State; and
- The spill duration and factors beyond the reasonable control of the Enrollee causing the event.

6.1.7. Enforcement Discretion Based on Reporting Compliance

Consistent with the State Water Board Enforcement Policy, the State Water Board or a Regional Water Board may consider the Enrollee's efforts to comply with spill reporting requirements when determining compliance with Water Code section 13267 and section 13383. When assessing Water Code section 13227 factors, the State Water Board or the applicable Regional Water Board will consider:

- The Enrollee's diligence to comply with all reporting requirements in this General Order;
- The use of best available information for the Enrollee's reporting of spill start date and start time in which the release of sewage from the sanitary sewer system initiated;
- The Enrollee's reporting of spill end date, and end time to be the date and time in which the release of sewage from the sanitary sewer system was stopped;
- The Enrollee's diligence to accurately estimate and report spill volumes;
- The Enrollee's subsequent verification and/or updates to initial Draft Spill Reports in accordance with this General Order; and
- The Enrollee's timely certification of required spill reports.

Consistent with Water Code section 13267 and section 13383, the State Water Board or a Regional Water Board may require an Enrollee to report the results of a condition assessment of a specified portion of the Enrollee's sanitary sewer system.

6.2. Other Regional Water Board Orders

It is the intent of the State Water Board that sanitary sewer systems be regulated in a manner consistent with federal and state regulations. This Order will not be interpreted or applied:

- In a manner inconsistent with the federal Clean Water Act;
- To authorize a spill or discharge that is illegal under either the Clean Water Act, the Water Code, and/or an applicable Basin Plan prohibition or water quality standard;
- To prohibit a Regional Water Board from issuing an individual National Pollutant Discharge Elimination System (NPDES) permit or individual waste discharge requirements superseding an Enrollee's regulatory coverage under this General Order for a sanitary sewer system authorized under the Clean Water Act or Water Code;

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- To supersede any more specific or more stringent waste discharge requirements or enforcement orders issued by a Regional Water Board; or
- To supersede any more specific or more stringent state or federal requirements in existing regulation, an administrative/judicial order, or Consent Decree.

6.3. Sewer System Management Plan Availability

The Enrollee's updated Sewer System Management Plan must be maintained for public inspection at the Enrollee's offices and facilities and must be available to the public through CIWQS and/or on the Enrollee's website, in accordance with section 3.8 (Sewer System Management Plan Reporting Requirements) of Attachment E1 (Notification, Monitoring, Reporting and Recordkeeping Requirements) of this General Order.

6.4. Entry and Inspection

6.4.1. Entry and Availability of Information

The Enrollee shall allow State and Regional Water Board staff, upon presentation of credentials and other documents as may be required by law, to:

- Enter upon the Enrollee's premises where a regulated facility or activity is located or conducted, or where records are kept under the requirements of this General Order;
- Have access to and reproduce any records required to be maintained by this General Order;
- Inspect any facility and/or equipment (including monitoring and control equipment), practices, or operations required in this General Order; and
- Sample or monitor substances or parameters for assuring compliance with this General Order, or as otherwise authorized by the Water Code.

6.4.2. Pre-Inspection Questionnaire

The Enrollee shall provide pre-inspection information to State and Regional Water Board staff through the completion of a Pre-Inspection Questionnaire provided by Water Board staff.

ATTACHMENT A - DEFINITIONS

Annual Report

An Annual Report (previously termed as Collection System Questionnaire in Order 2006-0003-DWQ) is a mandatory report in which the Enrollee provides a calendar-year update of its efforts to prevent spills.

Basin Plan

A Basin Plan is a water quality control plan specific to a Regional Water Quality Control Board (Regional Water Board), that serves as regulations to: (1) define and designate beneficial uses of surface and groundwaters, (2) establish water quality objectives for protection of beneficial uses, and (3) provide implementation measures.

Beneficial Uses

The term “Beneficial Uses” is a Water Code term, defined as the uses of the waters of the State that may be protected against water quality degradation. Examples of beneficial uses include but are not limited to, municipal, domestic, agricultural and industrial supply; power generation; recreation; aesthetic enjoyment; navigation; and preservation and enhancement of fish, wildlife, and other aquatic resources or preserves.

California Integrated Water Quality System (CIWQS)

CIWQS is the statewide database that provides for mandatory electronic reporting as required in State and Regional Water Board-issued waste discharge requirements.

Data Submitter

A Data Submitter is an individual designated and authorized by the Enrollee’s Legally Responsible Official to enter spill data into the online CIWQS Sanitary Sewer System Database. A Data Submitter does not have the authority of a Legally Responsible Official to certify reporting entered into the online CIWQS Sanitary Sewer System Database.

Disadvantaged Community

A disadvantaged community is a community with a median household income of less than eighty percent (80%) of the statewide annual median household income.

For the purpose of this General Order, there is no differentiation between a small and large disadvantaged community.

Drainage Conveyance System

A drainage conveyance system is a publicly- or privately-owned separate storm sewer system, including but not limited to drainage canals, channels, pipelines, pump stations, detention basins, infiltration basins/facilities, or other facilities constructed to transport stormwater and non-stormwater flows.

Enrollee

An Enrollee is a public, private, or other non-governmental entity that has obtained approval for regulatory coverage under this General Order, including:

- A state agency, municipality, special district, or other public entity that owns and/or operates one or more sanitary sewer systems:
 - greater than one (1) mile in length (each individual sanitary sewer system);
 - one mile or less in length where the State Water Resources Control Board or a Regional Water Quality Control Board requires regulatory coverage under this Order, or
- A federal agency, private company, or other non-governmental entity that owns and/or operates a sanitary sewer system of any size where the State Water Resources Control Board or a Regional Water Quality Control Board requires regulatory coverage under this Order in response to a history of spills, proximity to surface water, or other factors supporting regulatory coverage.

Environmentally Sensitive Area

An environmentally sensitive area is a designated agricultural and/or wildlife area identified to need special natural landscape protection due to its wildlife or historical value.

Exfiltration

Exfiltration is the underground exiting of sewage from a sanitary sewer system through cracks, offset or separated joints, or failed infrastructure due to corrosion or other factors.

Flood Control Channel

A flood control channel is a channel used to convey stormwater and non-stormwater flows through and from areas for flood management purposes.

Governing Entity

A governing entity includes but is not limited to the following:

- A publicly elected governing board, council, or commission of a municipal agency;
- A Department or Division director of a federal or state agency that is not governed by a board;
- A governing board or commission of an organization or association; and
- A private system owner/manager that is not governed by a board.

Hydrologically Connected

Two waterbodies are hydrologically connected when one waterbody flows, or has the potential to flow, into the other waterbody. For the purpose of this General Order, groundwater is hydrologically connected to a surface water when the groundwater feeds into the surface water. (The surface waterbody in this example is termed a gaining stream as it gains flow from surrounding groundwater.)



Lateral (including Lower and Upper Lateral)

A lateral is an underground segment of smaller diameter pipe that transports sewage from a customer's building or property (residential, commercial, or industrial) to the Enrollee's main sewer line in a street or easement. Upper and lower lateral boundary definitions are subject to local jurisdictional codes and ordinances, or private system ownership.

A lower lateral is the portion of the lateral located between the sanitary sewer system main, and either the property line, sewer clean out, curb line, established utility easement boundary, or other jurisdictional locations.

An upper lateral is the portion of the lateral from the property line, sewer clean out, curb line, established utility easement boundary, or other jurisdictional locations, to the building or property.

Legally Responsible Official

A Legally Responsible Official is an official representative, designated by the Enrollee, with authority to sign and certify submitted information and documents required by this General Order.

Nuisance

For the purpose of this General Order, a nuisance, as defined in Water Code section 13050(m), is anything that meets all of the following requirements:

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

Private Sewer Lateral

A private sewer lateral is the privately-owned lateral that transports sewage from private property(ies) into a sanitary sewer system.

Private Sanitary Sewer System

A private sanitary sewer system is a sanitary sewer system of any size that is owned and/or operated by a private individual, company, corporation, or organization. A private sanitary sewer system may or may not connect into a publicly owned sanitary sewer system.

Potential to Discharge, Potential Discharge

Potential to Discharge, or Potential Discharge, means any exiting of sewage from a sanitary sewer system which can reasonably be expected to discharge into a water of the State based on the size of the sewage spill, proximity to a drainage conveyance system, and the nature of the surrounding environment.

Receiving Water

A receiving water is a water of the State that receives a discharge of waste.

Resilience

Resilience is the ability to recover from or adjust to adversity or change, and grow from disruptions. Resilience can be built through planning, preparing for, mitigating, and adapting to changing conditions.

Sanitary Sewer System

A sanitary sewer system is a system that is designed to convey sewage, including but not limited to, pipes, manholes, pump stations, siphons, wet wells, diversion structures and/or other pertinent infrastructure, upstream of a wastewater treatment plant headworks, including:

- Laterals owned and/or operated by the Enrollee;
- Satellite sewer systems; and/or
- Temporary conveyance and storage facilities, including but not limited to temporary piping, vaults, construction trenches, wet wells, impoundments, tanks and diversion structures.

For purpose of this Order, sanitary sewer systems include only systems owned and/or operated by the Enrollee.

Satellite Sewer System

A satellite sewer system is a portion of a sanitary sewer system owned or operated by a different owner than the owner of the downstream wastewater treatment facility ultimately treating the sewage.

Sewer System Management Plan

A sewer system management plan is a living document an Enrollee develops and implements to effectively manage its sanitary sewer system(s) in accordance with this General Order.

Sewage

Sewage, and its associated wastewater, is untreated or partially treated domestic, municipal, commercial and/or industrial waste (including sewage sludge), and any mixture of these wastes with inflow or infiltration of stormwater or groundwater, conveyed in a sanitary sewer system.

Spill

A spill is 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.

Training

Training is in-house or external education and guidance needed that provides the knowledge, skills, and abilities to comply with this General Order.

Wash Down Water

Wash down water is water used to clean a spill area.

Waste

Waste, as defined in Water Code section 13050(d), includes sewage and any and all other waste substances, liquid, solid, gaseous, or radioactive, associated with human habitation, or of human or animal origin, or from any producing, manufacturing, or processing operation, including waste placed within containers of whatever nature prior to, and for purposes of, disposal.

Waste Discharge Identification Number (WDID)

A waste discharge identification number (WDID) identifies each individual sanitary sewer system enrolled under this General Order. A WDID number is assigned to each enrolled system upon an Enrollee's approved regulatory coverage.

Waters of the State

Waters of the State are surface waters or groundwater within boundaries of the state as defined in Water Code section 13050(e), in which the State and Regional Water Boards have authority to protect beneficial uses. Waters of the State include, but are not limited to, groundwater aquifers, surface waters, saline waters, natural washes and pools, wetlands, sloughs, and estuaries, regardless of flow or whether water exists during dry conditions. Waters of the State include waters of the United States.

Waters of the United States

Waters of the United States are surface waters or waterbodies that are subject to federal jurisdiction in accordance with the Clean Water Act.

Water Quality Objective

A water quality objective is the limit or maximum amount of pollutant, waste constituent or characteristic, or parameter level established in statewide water quality control plans and Regional Water Boards' Basin Plans, for the reasonable protection of beneficial uses of surface waters and groundwater and the prevention of nuisance.

ATTACHMENT B – APPLICATION FOR ENROLLMENT

1. Enrollment Status: (Mark only one item)

- ☐ New Enrollee
- ☐ New Enrollee with previous regulatory coverage under Order 2006-0003-DWQ
(that failed to certify continuation of coverage in CIWQS per Order 2022-XXXX-DWQ)
Existing WDID Number: _____

2. Applicant Information:

Legally Responsible Official Submitting Application

First and Last Name: _____

Title: _____

Phone: _____

Email: _____

System Owner/Operator Name: _____

Mailing Address: _____

City, State, Zip: _____

County: _____

Sanitary Sewer System Name: _____

Regional Water Quality Control Board(s): _____

Signature and Date: _____

3. Applicant Type (Check one):

- ☐ City ☐ County ☐ State ☐ Federal ☐ Special District
- ☐ Government Combination ☐ Private ☐ Other Non-governmental Entity

4. Wastewater Treatment Plant Receiving Sanitary Sewer System Waste:

Wastewater Treatment Plant Permittee: _____

WDID No.: _____

5. Billing Information

Billing Address: _____

City, State, Zip: _____

Billing Contact Person and Title: _____

Phone and Email Address: _____

6. Application Fee:

The application fee, as required by Water Code section 13260, is based on the daily population served by the sanitary sewer system. See updated [Fee Schedule](https://www.waterboards.ca.gov/resources/fees/water_quality/).
(https://www.waterboards.ca.gov/resources/fees/water_quality/)

Check one of the following and enter fee amount:

☐ Population Served < 50,000 – Total Fee submitted: \$ _____

☐ Population Served ≥ 50,000 – Total Fee submitted: \$ _____

Make the fee payment payable to the State Water Resources Control Board and mail the complete application package to:

State Water Resources Control Board, Accounting Office

P. O. Box 1888

Sacramento, CA 95812-1888

Attention: Statewide Sanitary Sewer System Program

7. Application Submittal Certification

I certify under penalty of perjury under the laws of the State of California that to the best of my knowledge and belief, the information in the submitted application package is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment.

Print Name: _____

Title: _____

Signature: _____ Date: _____

ATTACHMENT C - NOTICE OF TERMINATION

1. Enrollee Information

Enrollee Name: _____

WDID No: _____

Legally Responsible Official Requesting Termination of Coverage: _____

First and Last Name: _____

Title: _____

Phone: _____

Email: _____

Mailing Address: _____

City, State, Zip: _____

County: _____

Sanitary Sewer System Name(s) or Unique Identifier(s): _____

Regional Water Quality Control Board(s): _____

Signature and Date: _____

2. Basis of Termination

Explanation of termination, including subsequent regulatory coverage and subsequent owner/operator of enrolled sanitary sewer system, as applicable:

[illegible]

3. Regulatory Coverage Termination Certification

I certify under penalty of perjury under the laws of the State of California that to the best of my knowledge: 1) the sanitary sewer system I officially represent is not required to be regulated under the Statewide Waste Discharge Requirements for Sanitary Sewer Systems Order 2022-XXXX-DWQ, and 2) the information submitted in this Notice of Termination is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment. Additionally, I understand that the submittal of this Notice of Termination does not release sanitary sewer system agencies from liability for any violations of the Clean Water Act.

Print Name: _____

Title: _____

Signature: _____ Date: _____

For State Water Board Use Only

☐ Approved for Termination

☐ Denied and Returned to Enrollee

Deputy Director of Water Quality Signature: _____

Date: _____ Notice of Termination Effective Date: _____

ATTACHMENT D – SEWER SYSTEM MANAGEMENT PLAN – REQUIRED ELEMENTS

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ATTACHMENT D – SEWER SYSTEM MANAGEMENT PLAN – REQUIRED ELEMENTS

A Sewer System Management Plan (Plan) is a living planning document that documents ongoing local sewer system management program activities, procedures, and decision-making – at the scale necessary to address the size and complexity of the subject sanitary sewer system(s). This Plan may incorporate other programs and other plans by reference, to address short-term and long-term system resilience through:

- Proactive planning and decision-making;
- Local government ordinances;
- Updated operations and maintenance activities and procedures;
- Implementation of capital improvements;
- Sufficient local budget to support staff resources, contractors, equipment, and training; and
- Updated training of staff and contractors.

The Enrollee's development, update, and implementation of a Sewer System Management Plan addressing the requirements of this Attachment is an enforceable component of this General Order. As specified in Provision 6.1 (Enforcement Provisions) of this General Order, consistent with the Water Code and the State Water Board Enforcement Policy, the State Water Board or a Regional Water Board may consider the Enrollee's efforts in implementing an effective Sewer System Management Plan to prevent, contain, control, and mitigate spills when considering Water Code section 13327 factors to determine necessary enforcement of this General Order.

This Attachment includes the following required elements that the Enrollee shall address in its Plan and subsequent updates. The Enrollee shall identify any requirement in this Attachment that is not applicable to the Enrollee's sewer system and shall explain in its Plan why the requirement is not applicable.

1. SEWER SYSTEM MANAGEMENT PLAN GOAL AND INTRODUCTION

The goal of the Sewer System Management Plan (Plan) 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 Plan must include a narrative Introduction section that discusses the following items:

1.1. Regulatory Context

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

1.2. Sewer System Management Plan Update Schedule

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

1.3. Sewer System Asset Overview

The Plan 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(s).

Additionally, the Plan 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.

2. ORGANIZATION

The Plan must identify organizational staffing responsible and integral for implementing the local Sewer System Management Plan through an organization chart or similar narrative documentation that includes:

- The name of the Legally Responsible Official as required in section 5.1 (Designation of a Legally Responsible Official) of this General Order;
- The position titles, telephone numbers, and email addresses for management, administrative, and maintenance positions responsible for implementing specific Sewer System Management Plan 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 State and Regional Water Boards and other agencies, as applicable. (For example, county

health officer, county environmental health agency, and State Office of Emergency Services.)

3. LEGAL AUTHORITY

The Plan 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.

4. OPERATION 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.

5. 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.

6. SPILL EMERGENCY RESPONSE PLAN

The Plan must include an up to date Spill Emergency Response Plan to ensure prompt detection and response 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 suppliers, etc.) 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 on 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 interagency 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 Plan as needed.

7. SEWER PIPE 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.

8. 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:
 - o Hold a high level of environmental consequences if vulnerable to collapse, failure, blockage, capacity issues, or other system deficiencies;
 - o Are located in or within the vicinity of surface waters, steep terrain, high groundwater elevations, and environmentally sensitive areas;
 - o 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 causes or contributes to spill events;
- The capacity of key system components; and
- Identify the major sources that contribute to the peak flows associated with sewer spills.

The capacity assessment must consider:

- Data from existing system condition assessments, system inspections, system audits, spill history, and other available information;
- 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.

9. 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.

10. 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.

11. COMMUNICATION PROGRAM

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

- The public for:
 - o Spills and discharges resulting in closures of public areas, or that enter a source of drinking water, and
 - o 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:
 - o System operation, maintenance, and capital improvement-related activities.

**ATTACHMENT E1 – NOTIFICATION, MONITORING, REPORTING AND
RECORDKEEPING REQUIREMENTS**

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ATTACHMENT E1– NOTIFICATION, MONITORING, REPORTING AND RECORDKEEPING REQUIREMENTS

The Notification Requirements (section 1), Spill-specific Monitoring Requirements (section 2), Reporting Requirements (section 3) and Recordkeeping Requirements (section 4) in this Attachment are pursuant to Water Code section 13267 and section 13383, and are an enforceable component of this General Order. For the purpose of this General Order, the term:

- Notification means the notifying of appropriate parties of a spill event or other activity.
- Spill-specific Monitoring means the gathering of information and data for a specific spill event to be reported or kept as records.
- Reporting means the reporting of information and data into the online California Integrated Water Quality System (CIWQS) Sanitary Sewer System Database.
- Recordkeeping means the maintaining of information and data in an official records storage system.

Failure to comply with the notification, monitoring, reporting and recordkeeping requirements in this General Order may subject the Enrollee to civil liabilities of up to \$10,000 a day per violation pursuant to Water Code section 13385; up to \$1,000 a day per violation pursuant to Water Code section 13268; or referral to the Attorney General for judicial civil enforcement.

Water Code section 13193 et seq. requires the Regional Water Quality Control Boards (Regional Water Boards) and the State Water Resources Control Board (State Water Board) to collect sanitary sewer spill information for each spill event and make this information available to the public. Sanitary sewer spill information for each spill event includes but is not limited to: Enrollee contact information for each spill event, spill cause, estimated spill volume and factors used for estimation, location, date, time, duration, amount discharged to waters of the State, response and corrective action(s) taken.

1. NOTIFICATION REQUIREMENTS

1.1. Notification of Spills of 1,000 Gallons or Greater to the California Office of Emergency Services

Per Water Code section 13271, for a spill that discharges in or on any waters of the State, or discharges or is deposited where it is, or probably will be, discharged in or on any waters of the State, the Enrollee shall notify the California Office of Emergency Services and obtain a California Office of Emergency Services Control Number as soon as possible **but no later than two (2) hours** after:

- The Enrollee has knowledge of the spill; and
- Notification can be provided without substantially impeding cleanup or other emergency measures.

The notification requirements in this section apply to individual spills of 1,000 gallons or greater, from an Enrollee-owned and/or operated laterals, to a water of the State.

1.2. Spill Notification Information

The Enrollee shall provide the following spill information to the California Office of Emergency Services before receiving a Control Number, as applicable:

- Name and phone number of the person notifying the California Office of Emergency Services;
- Estimated spill volume (gallons);
- Estimated spill rate from the system (gallons per minute);
- Estimated discharge rate (gallons per minute) directly into waters of the State or indirectly into a drainage conveyance system;
- Spill incident description:
 - o Brief narrative of the spill event, and
 - o Spill incident location (address, city, and zip code) and closest cross streets and/or landmarks;
- Name and phone number of contact person on-scene;
- Date and time the Enrollee was informed of the spill event;
- Name of sanitary sewer system causing the spill;
- Spill cause or suspected cause (if known);
- Amount of spill contained;
- Name of receiving water body receiving or potentially receiving discharge; and
- Description of water body impact and/ or potential impact to beneficial uses.

1.3. Notification of Spill Report Updates

Following the initial notification to the California Office of Emergency Services and until such time that the Enrollee certifies the spill report in the online CIWQS Sanitary Sewer System Database, the Enrollee shall provide updates to the California Office of Emergency Services regarding substantial changes to:

- Estimated spill volume (increase or decrease in gallons initially estimated);
- Estimated discharge volume discharged directly into waters of the State or indirectly into a drainage conveyance system (increase or decrease in gallons initially estimated); and
- Additional impact(s) to the receiving water(s) and beneficial uses.

2. SPILL-SPECIFIC MONITORING REQUIREMENTS

2.1 Spill Location and Spread

The Enrollee shall visually assess the spill location(s) and spread using photography, global positioning system (GPS), and other best available tools. The Enrollee shall document the critical spill locations, including:

- Photography and GPS coordinates for:
 - o The system location where spill originated.
For multiple appearance points of a single spill event, the points closest to the spill origin.
- Photography for:
 - o Drainage conveyance system entry locations,
 - o The location(s) of discharge into surface waters, as applicable,
 - o Extent of spill spread, and
 - o The location(s) of clean up.

2.2 Spill Volume Estimation

To assess the approximate spill magnitude and spread, the Enrollee shall estimate the total spill volume using updated volume estimation techniques, calculations, and documentation for electronic reporting. The Enrollee shall update its notification and reporting of estimated spill volume (which includes spill volume recovered) as further information is gathered during and after a spill event.

2.3. Receiving Water Monitoring

2.3.1. Receiving Water Visual Observations

Through visual observations and use of best available spill volume-estimating techniques and field calculation techniques, the Enrollee shall gather and document the following information for spills discharging to surface waters:

- Estimated spill travel time to the receiving water;
- For spills entering a drainage conveyance system, estimated spill travel time from the point of entry into the drainage conveyance system to the point of discharge into the receiving water;
- Estimated spill volume entering the receiving water; and
- Photography of:
 - o Waterbody bank erosion,
 - o Floating matter,
 - o Water surface sheen (potentially from oil and grease),

- o Discoloration of receiving water, and
- o Impact to the receiving water.

2.3.2. Receiving Water – Water Quality Sampling and Analysis

For sewage spills in which an estimated 50,000 gallons or greater are discharged into a surface water, the Enrollee shall conduct the following water quality sampling no later than **18 hours** after the Enrollee's knowledge of a potential discharge to a surface water:

- Collect one water sample, each day of the duration of the spill, at:
 - o The DCS-001 location as described in section 2.3.4 (Receiving Water Sampling Locations) of this Attachment, if sewage discharges to a surface water via a drainage conveyance system; and/or
 - o Each of the three receiving water sampling locations in section 2.3.4 (Receiving Water Sampling Locations) of this Attachment;

If the receiving water has no flow during the duration of the spill, the Enrollee must report "No Sampling Due To No Flow" for its receiving water sampling locations.

The Enrollee shall analyze the collected receiving water samples for the following constituents per section 2.3.3 (Water Quality Analysis Specifications) of this Attachment:

- Ammonia, and
- Appropriate bacterial indicator(s) per the applicable Basin Plan water quality objectives, including one or more of the following, unless directed otherwise by the Regional Water Board:
 - o Total Coliform Bacteria
 - o Fecal Coliform Bacteria
 - o *E-coli*
 - o Enterococcus

Dependent on the receiving water(s), sampling of bacterial indicators shall be sufficient to determine post-spill (after the spill) compliance with the water quality objectives and bacterial standards of the California Ocean Plan or the California Inland Surface Water Enclosed Bays, and Estuaries Plan, including the frequency and/or number of post-spill receiving water samples as may be specified in the applicable plans.

The Enrollee shall collect and analyze additional samples as required by the applicable Regional Water Board Executive Officer or designee.

2.3.3. Water Quality Analysis Specifications

Spill monitoring must be representative of the monitored activity (40 Code of Federal Regulations section 122.41(j)(1)).

Sufficiently Sensitive Methods

Sample analysis must be conducted according to sufficiently sensitive test methods approved under 40 Code of Federal Regulations Part 136 for the sample analysis of pollutants. For the purposes of this General Order, a method is sufficiently sensitive when the minimum level of the analytical method approved under 40 Code of Federal Regulations Part 136 is at or below the receiving water pollutant criteria.

Environmental Laboratory Accreditation Program-Accredited Laboratories

The analysis of water quality samples required per this General Order must be performed by a laboratory that has accreditation pursuant to Article 3 (commencing with section 100825) of Chapter 4 of Part 1 of Division 101 of the Health and Safety Code. (Water Code section 13176(a).) The State Water Board accredits laboratories through its Environmental Laboratory Accreditation Program (ELAP).

2.3.4. Receiving Water Sampling Locations

The Enrollee shall collect receiving water samples at the following locations.

Sampling of Flow in Drainage Conveyance System (DCS) Prior to Discharge

Sampling Location	Sampling Location Description
DCS-001	A point in a drainage conveyance system before the drainage conveyance system flow discharges into a receiving water.

Receiving Surface Water Sampling (RSW)¹

Sampling Location	Sampling Location Description
RSW-001 Point of Discharge	A point in the receiving water where sewage initially enters the receiving water.
RSW-001U: Upstream of Point of Discharge	A point in the receiving water, upstream of the point of sewage discharge, to capture ambient conditions absent of sewage discharge impacts.

Sampling Location	Sampling Location Description
RSW-001D: Downstream of Point of Discharge	A point in the receiving water, downstream of the point of sewage discharge, where the spill material is fully mixed with the receiving water.

¹ The Enrollee must use its best professional judgment to determine the upstream and downstream distances based on receiving water flow, accessibility to upstream/downstream waterbody banks, and size of visible sewage plume.

2.4. Safety and Access Exceptions

If the Enrollee encounters access restrictions or unsafe conditions that prevents its compliance with spill response requirements or monitoring requirements in this General Order, the Enrollee shall provide documentation of access restrictions and/or safety hazards in the corresponding required report.

3. REPORTING REQUIREMENTS

All reporting required in this General Order must be submitted electronically to the online [CIWQS Sanitary Sewer System Database](https://ciwqs.waterboards.ca.gov) (<https://ciwqs.waterboards.ca.gov>), unless specified otherwise in this General Order. Electronic reporting may solely be conducted by a Legally Responsible Official or Data Submitter(s) previously designated by the Legally Responsible Official, as required in section 5.8 (Designation of Data Submitters) of this General Order.

The Enrollee shall report any information that is protected by the Homeland Security Act, by email to SanitarySewer@waterboards.ca.gov, with a brief explanation of the protection provided by the Homeland Security Act for the subject report to be protected from unauthorized disclosure and/or public access, and for official Water Board regulatory purposes only.

3.1. Reporting Requirements for Individual Category 1 Spill Reporting

3.1.1. Draft Spill Report for Category 1 Spills

Within three (3) business days of the Enrollee's knowledge of a Category 1 spill, the Enrollee shall submit a Draft Spill Report to the online CIWQS Sanitary Sewer System Database.

The Draft Spill Report must, at minimum, include the following items:

1. Contact information: Name and telephone number of Enrollee contact person to respond to spill-specific questions;
2. Spill location name;
3. Date and time the Enrollee was notified of, or self-discovered, the spill;
4. Operator arrival time;

5. Estimated spill start date and time;
6. Date and time the Enrollee notified the California Office of Emergency Services, and the assigned control number;
7. Description, photographs, and GPS coordinates of the system location where the spill originated;
 - o If a single spill event results in multiple appearance points, provide GPS coordinates for the appearance point closest to the failure point and describe each additional appearance point in the spill appearance point explanation field;
8. Estimated total spill volume exiting the system;
9. Description and photographs of the extent of the spill and spill boundaries;
10. Did the spill reach a drainage conveyance system? If Yes:
 - o Description of the drainage conveyance system transporting the spill;
 - o Photographs of the drainage conveyance system entry location(s);
 - o Estimated spill volume fully recovered from the drainage conveyance system;
 - o Estimated spill volume remaining within the drainage conveyance system;
11. Description and photographs of all discharge point(s) into the surface water;
12. Estimated spill volume that discharged to surface waters; and
13. Estimated total spill volume recovered.

3.1.2. Certified Spill Report for Category 1 Spills

Within 15 calendar days of the spill end date, the Enrollee shall submit a Certified Spill Report for Category 1 spills, to the online CIWQS Sanitary Sewer System Database. Upon completion of the Certified Spill Report, the online CIWQS Sanitary Sewer System Database will issue a final spill event identification number.

The Certified Spill Report must, at minimum, include the following mandatory information in addition to all information in the Draft Spill Report per section 3.1.1 (Draft Spill Report for Category 1 Spills) above:

1. Description of the spill event destination(s), including GPS coordinates if available, that represent the full spread and reach of the spill;
2. Spill end date and time;
3. Description of how the spill volume estimations were calculated, including at a minimum:
 - o The methodology, assumptions and type of data relied upon, such as supervisory control and data acquisition (SCADA) records, flow monitoring or other telemetry information used to estimate the volume of the spill discharged, and the volume of the spill recovered (if any volume of the spill was recovered), and
 - o The methodology(ies), assumptions and type of data relied upon for estimations of the spill start time and the spill end time;

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4. Spill cause(s) (for example, root intrusion, grease deposition, etc.);
5. System failure location (for example, main, lateral, pump station, etc.);
6. Description of the pipe material, and estimated age of the pipe material, at the failure location;
7. Description of the impact of the spill;
8. Whether or not the spill was associated with a storm event;
9. Description of spill response activities including description of immediate spill containment and cleanup efforts;
10. Description of spill corrective action, including steps planned or taken to reduce, eliminate, and prevent reoccurrence of the spill, and a schedule of major milestones for those steps;
11. Spill response completion date;
12. Detailed narrative of investigation and investigation findings of cause of spill;
13. Reasons for an ongoing investigation (as applicable) and the expected date of completion;
14. Name and type of receiving water body(s);
15. Description of the water body(s), including but not limited to:
 - o Observed impacts on aquatic life,
 - o Public closure, restricted public access, temporary restricted use, and/or posted health warnings due to spill,
 - o Responsible entity for closing/restricting use of water body, and
 - o Number of days closed/restricted as a result of the spill.
16. Whether or not the spill was located within 1,000 feet of a municipal surface water intake; and
17. If water quality samples were collected, identify sample locations and the parameters the water quality samples were analyzed for. If no samples were taken, Not Applicable shall be selected.

3.1.3. Spill Technical Report for Individual Category 1 Spill in which 50,000 Gallons or Greater Discharged into a Surface Water

For any spill in which 50,000 gallons or greater discharged into a surface water, **within 45 calendar days** of the spill end date, the Enrollee shall submit a Spill Technical Report to the online CIWQS Sanitary Sewer System Database. The Spill Technical Report, at minimum, must include the following information:

1. Spill causes and circumstances, including at minimum:
 - o Complete and detailed explanation of how and when the spill was discovered;

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- o Photographs illustrating the spill origin, the extent and reach of the spill, drainage conveyance system entrance and exit, receiving water, and post-cleanup site conditions;
 - o Diagram showing the spill failure point, appearance point(s), the spill flow path, and ultimate destinations;
 - o Detailed description of the methodology employed, and available data used to calculate the discharge volume and, if applicable, the recovered spill volume;
 - o Detailed description of the spill cause(s);
 - o Description of the pipe material, and estimated age of the pipe material, at the failure location;
 - o Description of the impact of the spill;
 - o Copy of original field crew records used to document the spill; and
 - o Historical maintenance records for the failure location.
2. Enrollee's response to the spill:
- o Chronological narrative description of all actions taken by the Enrollee to terminate the spill;
 - o Explanation of how the Sewer System Management Plan Spill Emergency Response Plan was implemented to respond to and mitigate the spill; and
 - o Final corrective action(s) completed and a schedule for planned corrective actions, including:
 - Local regulatory enforcement action taken against an illicit discharge in response to this spill, as applicable,
 - Identifiable system modifications, and operation and maintenance program modifications needed to prevent repeated spill occurrences, and
 - Necessary modifications to the Emergency Spill Response Plan to incorporate lessons learned in responding to and mitigating the spill.
3. Water Quality Monitoring, including at minimum:
- o Description of all water quality sampling activities conducted;
 - o List of pollutant and parameters monitored, sampled and analyzed; as required in section 2.3 (Receiving Water Monitoring) of this Attachment;
 - o Laboratory results, including laboratory reports;
 - o Detailed location map illustrating all water quality sampling points; and
 - o Other regulatory agencies receiving sample results (if applicable).
4. Evaluation of spill impact(s), including a description of short-term and long-term impact(s) to beneficial uses of the surface water.

3.1.4. Amended Certified Spill Reports for Individual Category 1 Spills

The Enrollee shall update or add additional information to a Certified Spill Report within **90 calendar days** of the spill end date by amending the report or by adding an attachment to the Spill Report in the online CIWQS Sanitary Sewer System Database. The Enrollee shall certify the amended report.

After **90 calendar days**, the Enrollee shall contact the State Water Board at SanitarySewer@waterboards.ca.gov to request to amend a Spill Report. The Legally Responsible Official shall submit justification for why the additional information was not reported within the Amended Spill Report due date.

3.2. Reporting Requirements for Individual Category 2 Spill Reporting

3.2.1. Draft Spill Report for Category 2 Spills

Within three (3) business days of the Enrollee's knowledge of a Category 2 spill, the Enrollee shall submit a Draft Spill Report to the online CIWQS Sanitary Sewer System Database.

The Draft Spill Report must, at minimum, include the following items:

1. Contact information: Name and telephone number of Enrollee contact person to respond to spill-specific questions;
2. Spill location name;
3. Date and time the Enrollee was notified of, or self-discovered, the spill;
4. Operator arrival time;
5. Estimated spill start date and time;
6. Date and time the Enrollee notified the California Office of Emergency Services, and the assigned control number;
7. Description, photographs, and GPS coordinates of the system location where the spill originated;

If a single spill event results in multiple appearance points, provide GPS coordinates for the appearance point closest to the failure point and describe each additional appearance point in the spill appearance point explanation field;

8. Estimated total spill volume exiting the system;
9. Description and photographs of the extent of the spill and spill boundaries;
10. Did the spill reach a drainage conveyance system? If Yes:
 - o Description of the drainage conveyance system transporting the spill;
 - o Photographs of the drainage conveyance system entry location(s);
 - o Estimated spill volume fully recovered from the drainage conveyance system;
 - o Estimated spill volume remaining within the drainage conveyance system;

- o Estimated spill volume discharged to a groundwater infiltration basin or facility, if applicable; and

11. Estimated total spill volume recovered.

3.2.2. Certified Spill Report for Category 2 Spills

Within 15 calendar days of the spill end date, the Enrollee shall submit a Certified Spill Report for the Category 2 spill, to the online [CIWQS Sanitary Sewer System Database](https://ciwqs.waterboards.ca.gov) (<https://ciwqs.waterboards.ca.gov>). Upon completion of the Certified Spill Report, the online CIWQS Sanitary Sewer System Database will issue a final spill event identification number.

The Certified Spill Report must, at minimum, include the following mandatory information in addition to all information in the Draft Spill Report per section 3.2.1 (Draft Spill Report for Category 2 Spills) above:

1. Description of the spill event destination(s), including GPS coordinates if available, that represent the full spread and reach of the spill;
2. Spill end date and time;
3. Description of how the spill volume estimations were calculated, including at a minimum:
 - o The methodology, assumptions and type of data relied upon, such as supervisory control and data acquisition (SCADA) records, flow monitoring or other telemetry information used to estimate the volume of the spill discharged, and the volume of the spill recovered (if any volume of the spill was recovered), and
 - o The methodology(ies), assumptions and type of data relied upon for estimations of the spill start time and the spill end time;
4. Spill cause(s) (for example, root intrusion, grease deposition, etc.);
5. System failure location (for example, main, pump station, etc.);
6. Description of the pipe/infrastructure material, and estimated age of the pipe material, at the failure location;
7. Description of the impact of the spill;
8. Whether or not the spill was associated with a storm event;
9. Description of spill response activities including description of immediate spill containment and cleanup efforts;
10. Description of spill corrective action, including steps planned or taken to reduce, eliminate, and prevent reoccurrence of the spill, and a schedule of major milestones for those steps;
11. Spill response completion date;
12. Detailed narrative of investigation and investigation findings of cause of spill;
13. Reasons for an ongoing investigation (as applicable) and the expected date of completion; and

14. Whether or not the spill was located within 1,000 feet of a municipal surface water intake.

3.2.3. Amended Certified Spill Reports for Individual Category 2 Spills

The Enrollee shall update or add additional information to a Certified Spill Report within **90 calendar days** of the spill end date by amending the report or by adding an attachment to the Spill Report in the online CIWQS Sanitary Sewer System Database. The Enrollee shall certify the amended report.

After **90 calendar days**, the Enrollee shall contact the State Water Board at SanitarySewer@waterboards.ca.gov to request to amend a Spill Report. The Legally Responsible Official shall submit justification for why the additional information was not reported within the Amended Spill Report due date.

3.3. Monthly Certified Spill Reporting for Category 3 Spills

The Enrollee shall report and certify all Category 3 spills to the online CIWQS Sanitary Sewer System Database within 30 calendar days after the end of the month in which the spills occurred. (For example, all Category 3 spills occurring in the month of February shall be reported and certified by March 30th). After the Legally Responsible Official certifies the spills, the online CIWQS Sanitary Sewer System Database will issue a spill event identification number for each spill.

The monthly reporting of all Category 3 spills must include the following items for each spill:

1. Contact information: Name and telephone number of Enrollee contact person to respond to spill-specific questions;
2. Spill location name;
3. Date and time the Enrollee was notified of, or self-discovered, the spill;
4. Operator arrival time;
5. Estimated spill start date and time;
6. Description, photographs, and GPS coordinates where the spill originated:
 - o If a single spill event results in multiple appearance points, provide GPS coordinates for the appearance point closest to the failure point and describe each additional appearance point in the spill appearance point explanation field;
7. Estimated total spill volume exiting the system;
8. Description and photographs of the extent of the spill and spill boundaries;
9. Did the spill reach a drainage conveyance system? If Yes:
 - o Description of the drainage conveyance system transporting the spill;
 - o Photographs of the drainage conveyance system entry locations(s);
 - o Estimated spill volume fully recovered from the drainage conveyance system; and

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- o Estimated spill volume discharged to a groundwater infiltration basis or facility, if applicable.
- 10. Estimated total spill volume recovered;
- 11. Description of the spill event destination(s), including GPS coordinates, if available, that represent the full spread and reaches of the spill;
- 12. Spill end date and time;
- 13. Description of how the spill volume estimations were calculated, including, at minimum:
 - o The methodology and type of data relied upon, including supervisory control and data acquisition (SCADA) records, flow monitoring or other telemetry information used to estimate the volume of the spill discharged, and the volume of the spill recovered (if any volume of the spill was recovered), and
 - o The methodology and type of data relied upon to estimate the spill start time, on-going spill rate at time of arrival (if applicable), and the spill end time;
- 14. Spill cause(s) (for example, root intrusion, grease deposition, etc.);
- 15. System failure location (for example, main, pump station, etc.);
- 16. Description of the pipe/infrastructure material, and estimated age of the pipe/infrastructure material, at the failure location;
- 17. Description of the impact of the spill;
- 18. Whether or not the spill was associated with a storm event;
- 19. Description of spill response activities including description of immediate spill containment and cleanup efforts;
- 20. Description of spill corrective actions, including steps planned or taken to reduce, eliminate, and prevent reoccurrence of the spill, and a schedule of the major milestones for those steps; including, at minimum:
 - o Local regulatory enforcement action taken against an illicit discharge in response to this spill, as applicable, and
 - o Identifiable system modifications, and operation and maintenance program modifications needed to prevent repeated spill occurrences at the same spill event location, including:
 - Adjusted schedule/method of preventive maintenance,
 - Planned rehabilitation or replacement of sanitary sewer asset,
 - Inspected, repaired asset(s), or replaced defective asset(s),
 - Capital improvements,
 - Documentation verifying immediately implemented system modifications and operating/maintenance modifications,
 - Description of spill response activities,

- Spill response completion date, and
- Ongoing investigation efforts, and expected completion date of investigation to determine the full cause of spill;

21. Detailed narrative of investigation and investigation findings of cause of spill.

3.4. Monthly Certified Spill Reporting for Category 4 Spills

The Enrollee shall report and certify the estimated total spill volume exiting the sanitary sewer system, and the total number of all Category 4 spills to the online CIWQS Sanitary Sewer System Database, within 30 calendar days after the end of the month in which the spills occurred.

3.5. Amended Certified Spill Reports for Category 3 Spills

Within 90 calendar days of the certified Spill Report due date, the Enrollee may update or add additional information to a certified Spill Report by amending the report or by adding an attachment to the Spill Report in the online CIWQS Sanitary Sewer System Database. The Enrollee shall certify the amended report.

After 90 calendar days, the Legally Responsible Official shall contact the State Water Board at SanitarySewer@waterboards.ca.gov to request to amend a certified Spill Report. The Legally Responsible Official shall submit justification for why the additional information was not reported within the 90-day timeframe for amending the certified Spill Report, as provided above.

3.6. Annual Certified Spill Reporting of Category 4 and/or Lateral Spills

For all Category 4 spills and spills from its owned and/or operated laterals that are caused by a failure or blockage in the lateral and that do not discharge to a surface water, the Enrollee shall:

- Maintain records per section 4.4. of this Attachment;
The Enrollee shall provide records upon request by State Water Board or Regional Water Board staff.
- Annually upload and certify a report, in an appropriate digital format, of all recordkeeping of spills to the online CIWQS Sanitary Sewer System Database, by February 1st after the end of the calendar year in which the spills occurred.

A spill from an Enrollee-owned and/or operated lateral that discharges to a surface water is a Category 1 spill; the Enrollee shall report all Category 1 spills per section 3.1 of Attachment E1 (Notification, Monitoring, Reporting and Recordkeeping Requirements) of this General Order.

3.7. Monthly Certification of “No-Spills” or “Category 4 Spills” and/or “Non-Category 1 Lateral Spills”

If either (1) no spills occur during a calendar month or (2) only Category 4, and/or Enrollee-owned and/or operated lateral spills (that do not discharge to a surface water) occur during a calendar month, the Enrollee shall certify, within 30 calendar days after

the end of each calendar month, either a “No-Spill” certification statement, or a “Category 4 Spills” and/or “Non-Category 1 Lateral Spills” certification statement, in the online CIWQS Sanitary Sewer System Database, certifying that there were either no spills, or Category 4 and/or Non-Category 1 Lateral Spills that will be reported annually (per section 3.6 of this Attachment) for the designated month.

If a spill starts in one calendar month and ends in a subsequent calendar month, and the Enrollee has no further spills of any category, in the subsequent calendar month, the Enrollee shall certify “no-spills” for the subsequent calendar month.

If the Enrollee has no spills from its systems during a calendar month, but the Enrollee voluntarily reported a spill from a private lateral or a private system, the Enrollee shall certify “no-spills” for that calendar month.

If the Enrollee has spills from its owned and/or operated laterals during a calendar month, the Enrollee shall not certify “no spills” for that calendar month.

3.8. Electronic Sanitary Sewer System Service Area Boundary Map

The Legally Responsible Official shall submit, to the State Water Board, an up-to-date electronic spatial map of its sewer system service area boundaries. The map must be in accordance with section 5.14 (Electronic Sanitary Sewer System Service Area Boundary Map) of this General Order and the specification provided on the statewide Sanitary Sewer Systems program website. The map must include the location of wastewater treatment facility(ies) that treats the sewer system waste, if in the same sewer service boundary.

By the Effective Date of this General Order, specifications for the electronic sanitary sewer service area boundary map format will be provided on the statewide Sanitary Sewer Systems Order program website.

3.9. Annual Report (Previously termed as Collection System Questionnaire in General Order 2006-0003-DWQ)

A new Enrollee shall complete and submit its first certified Annual Report into the online CIWQS Sanitary Sewer System Database, **within 30 days of obtaining a CIWQS account**; Subsequent Annual Reports are due by April 1 of each year.

All enrollees shall update their previous year’s Annual Report, **by April 1 of each year after the Effective Date of this General Order**, for each calendar year (January 1 through December 31).

The Annual Report must be entered directly into the online CIWQS Sanitary Sewer System Database. The Enrollee’s Legally Responsible Official shall certify the Annual Report as instructed in CIWQS;

The Annual Report must address, and update as applicable, the following items:

- Population served;

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- Updated sewer system service area boundary map, if service area boundary has changed from original map submitted per section 5.14 (Electronic Sanitary Sewer System Service Area Boundary Map) of this General Order;
- Number of system operation and maintenance staff:
 - o Entry level (less than two years of experience),
 - o Journey level (greater than two years of experience),
 - o Supervisory level, and
 - o Managerial level;
- Number of operation and maintenance staff certified as a certified collection system operator by the California Water Environmental Association (CWEA), with:
 - o Corresponding number of certified collection system operator grade levels (Grade I, II, III, IV, and V);
- System information:
 - o Miles of system gravity and force mains,
 - o Number of upper and lower service laterals connected to system,
 - o Estimated number of upper and lower laterals owned and/or operated by the Enrollee,
 - o Portion of laterals that is Enrollee's responsibility,
 - o Average age the major components of system infrastructure,
 - o Number and age of pump stations, and
 - o Estimated total miles of the system pipeline not accessible for maintenance;
- Name and location of the treatment plant(s) receiving sanitary sewer system's waste;
- Name of satellite sewer system tributaries;
- Number of system's gravity sewer above or underground crossings of water bodies throughout system;
- Number of force main (pressurized pipe) above or underground crossings of water bodies throughout system;
- Number of siphons used to convey waste throughout the sewer system;
- Miles of sewer system cleaned;
- Miles of sewer system video inspected, or comparable (i.e., video closed-circuit television or alternative inspection methods);
- System Performance Evaluation as specified in section 5.11 (System Performance Analysis) of this General Order;
- Major spill causes (for example, root intrusion, grease deposition);

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- System infrastructure failure points (for example, main, pump station, lateral, etc.);
- Ongoing spill investigations; and
- Actions taken to address system deficiencies.

3.10. Sewer System Management Plan Audit Reporting Requirements

The Enrollee shall submit its Sewer System Management Plan Audit and other pertinent audit information, in accordance with section 5.4 (Sewer System Management Plan Audits) of this General Order, to the online CIWQS Sanitary Sewer System Database **by six (6) months after the end of the 3-year audit period.**

If a Sewer System Management Plan Audit is not conducted as required: the Enrollee shall:

- Update the online CIWQS Sanitary Sewer System Database and select the justification for not conducting the Audit; and
- Notify its corresponding Regional Water Board (see Attachment F (Regional Water Quality Control Board Contact Information)) of the justification for the lapsed requirements.

The Enrollee's reporting of a justification for not conducting a timely Audit does not justify non-compliance with this General Order. The Enrollee shall:

- Submit the late Audit as required in this General Order; and
- Comply with subsequent Audit requirements and due dates corresponding with the original audit cycle.

3.11. Sewer System Management Plan Reporting Requirements

For an Existing Enrollee previously regulated by Order 2006-0003-DWQ: **Within every six (6) years after the required due date of its last Plan Update**, the Legally Responsible Official shall upload and certify a local governing entity-approved Sewer System Management Plan Update to the online CIWQS Sanitary Sewer System Database. If the electronic document format or size capacity prevents the electronic upload of the Plan, the Legally Responsible Official shall report an electronic link to its updated Sewer System Management Plan posted on its own website.

Order 2006-0003-DWQ required each enrollee to develop its initial Sewer System Management Plan per the following schedule, with required Plan updates at a frequency of 5-years thereafter:

Systems serving populations: Greater than 100,000: May 2, 2009

Between 100,000 and 10,000: August 2, 2009

Between 10,000 and 2,500: May 2, 2010

Less than 2,500: August 2, 2010

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This Order carries forth the previously-required Plan Update schedule per Order 2006-0003-DWQ. Per the six-year Plan Update frequency required in this Order, the Enrollee shall upload and certify its first Plan Update, to the online CIWQS Sanitary Sewer System Database by the following due dates, with subsequent Plan Updates at the frequency of six years thereafter:

Systems serving populations: Greater than 100,000: May 2, 2025

Between 100,000 and 10,000: August 2, 2025

Between 10,000 and 2,500: May 2, 2026

Less than 2,500: August 2, 2026

For a New Enrollee: **Within twelve (12) months of its Application for Enrollment Approval date**, the Legally Responsible Official of a new Enrollee shall upload and certify a local governing entity-approved Sewer System Management Plan to the online CIWQS Sanitary Sewer System Database. If electronic document format or size capacity prevents the electronic upload of the Plan, the Legally Responsible Official shall report an electronic link to its Sewer System Management Plan posted on its own website. The due date for subsequent 6-year Plan updates, is six (6) years from the submittal due date of the new Enrollee's first Sewer System Management Plan.

4. RECORDKEEPING REQUIREMENTS

The Enrollee shall maintain records to document compliance with the provisions of this General Order, and previous General Order 2006-0003-DWQ as applicable, for each sanitary sewer system owned, including any required records generated by an Enrollee's contractor(s).

4.1. Recordkeeping Time Period

The Enrollee shall maintain records of documents required in this Attachment, including records collected for compliance with this General Order, and records collected in accordance with previous General Order 2006-0003-DWQ, for five (5) years.

4.2. Availability of Documents

The Enrollee shall make the records required in this General Order readily available, either electronic or hard copies, for review by Water Board staff during onsite inspections or through an information request.

4.3. Spill Reports

The Enrollee shall maintain records for each of the following spill-related events and activities:

- Spill event complaint, including but not limited to records documenting how the Enrollee responded to notifications of spills. Each complaint record must, at a minimum, include the following information:
 - o Date, time, and method of notification,

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- o Date and time the complainant first noticed the spill, if available,
- o Narrative description of the complaint, including any information the caller provided regarding whether the spill has reached surface waters or a drainage conveyance system, if available,
- o Complainant's contact information, if available, and
- o Final resolution of the complaint;
- Records documenting the steps and/or remedial action(s) undertaken by the Enrollee, using all available information, to comply with this General Order, and previous General Order 2006-0003-DWQ as applicable;
- Records documenting how estimate(s) of volume(s) and, if applicable, volume(s) of spill recovered were calculated;
- All California Office of Emergency Services notification records, as applicable; and
- Records, in accordance with the Monitoring Requirements in this Attachment.

4.4. Recordkeeping of Category 4 Spills and Non-Category 1 Lateral Spills

An Enrollee must maintain the following records for each individual Category 4 spill and for each individual non-Category 1 Enrollee-owned and/or operated lateral spill, and report in accordance to section 3.6 (Annual Certified Spill Reporting of Category 4 and/or Lateral Spills) of this Attachment.

Recordkeeping of Individual Category 4 Spill Information:

1. Contact information: Name and telephone number of Enrollee contact person to respond to spill-specific questions;
2. Spill location name;
3. Description and GPS coordinates for the system location where the spill originated;
4. Did the spill reach a drainage conveyance system? If Yes:
 - o Description of drainage conveyance system location,
 - o Estimated spill volume fully recovered within the drainage conveyance system, and
 - o Estimated spill volume remaining within the drainage conveyance system;
5. Estimated total spill volume exiting the sanitary sewer system;
6. Spill date and start time;
7. Spill cause(s) (for example, root intrusion, grease deposition, etc.);
8. System failure location (for example, main, pump station, etc.);
9. Description of spill response activities including description of immediate spill containment and cleanup efforts;
10. Description of how the volume estimation was calculated, including, at minimum:

- o The methodology and type of data relied upon, including supervisory control and data acquisition (SCADA) records, flow monitoring or other telemetry information used to estimate the volume of the spill discharged, and the volume of the spill recovered (if any volume of the spill was recovered), and
- o The methodology and type of data relied upon to estimate the spill start time, on-going spill rate at time of arrival (if applicable), and the spill end time;

11. Description of implemented system modifications and operating/maintenance modifications.

Recordkeeping of Individual Lateral Spill Information:

1. Date and time the Enrollee was notified of, or self-discovered, the spill;
2. Location of individual spill;
3. Estimated individual spill volume;
4. Spill cause(s) (for example, root intrusion, grease deposition, etc.); and
5. Description of how the volume estimations were calculated.

Total Annual Spill Information:

1. Estimated total annual spill volume;
2. Description of spill corrective actions, including at minimum:
 - o Local regulatory enforcement action taken against the sewer lateral owner in response to a spill, as applicable, and
 - o System operation, maintenance and program modifications implemented to prevent repeated spill occurrences at the same spill location.

4.5. Sewer System Telemetry Records

The Enrollee shall maintain the following sewer system telemetry records if used to document compliance with this General Order, and previous General Order 2006-0003-DWQ as applicable, including spill volume estimates:

- Supervisory control and data acquisition (SCADA) system(s);
- Alarm system(s);
- Flow monitoring device(s) or other instrument(s) used to estimate sewage flow rates, and/or volumes;
- Computerized maintenance management system records; and
- Asset management-related records.

4.6. Sewer System Management Plan Implementation Records

The Enrollee shall maintain records documenting the Enrollee's implementation of its Sewer System Management Plan, including documents supporting its Sewer System Management Plan audits, corrections, modifications, and updates to the Sewer System Management Plan.

4.7. Audit Records

The Enrollee shall maintain, at minimum, the following records pertaining to its Sewer System Management Plan audits, and other internal audits:

- Completed audit documents and findings;
- Name and contact information of staff and/or consultants that conducted or involved in the audit; and
- Follow-up actions based on audit findings.

4.8. Equipment Records

The Enrollee shall maintain a log of all owned and leased sewer system cleaning, operational, maintenance, construction, and rehabilitation equipment.

4.9. Work Orders

The Enrollee shall maintain record of work orders for operations and maintenance projects.

ATTACHMENT E2 – SUMMARY OF NOTIFICATION, MONITORING AND REPORTING REQUIREMENTS

This Attachment provides a summary of notification, monitoring and reporting requirements, by spill category, and for Enrollee-owned and/or operated laterals as required in Attachment E1 of this General Order, for quick reference purposes only.

Table E2-1

Spill Category 1: Spills to Surface Waters

Spill Requirement	Due	Method
Notification	Within two (2) hours of the Enrollee's knowledge of a Category 1 spill of 1,000 gallons or greater, discharging or threatening to discharge to surface waters: Notify the California Office of Emergency Services and obtain a notification control number.	California Office of Emergency Services at: (800) 852-7550 (Section 1 of Attachment E1)
Monitoring	- Conduct spill-specific monitoring; - Conduct water quality sampling of the receiving water within 18 hours of initial knowledge of spill of 50,000 gallons or greater to surface waters.	(Section 2 of Attachment E1)
Reporting	- Submit Draft Spill Report within three (3) business days of the Enrollee's knowledge of the spill; - Submit Certified Spill Report within 15 calendar days of the spill end date; - Submit Technical Report within 45 calendar days after the spill end date for a Category 1 spill in which 50,000 gallons or greater discharged to surface waters; and - Submit Amended Spill Report within 90 calendar days after the spill end date.	(Section 3.1 of Attachment E1)

Table E2-2**Spill Category 2: Spills of 1,000 Gallons or Greater That Do Not Discharge to Surface Waters**

Spill Requirements	Due	Method
Notification	Within two (2) hours of the Enrollee's knowledge of a Category 2 spill of 1,000 gallons or greater, discharging or threatening to discharge to waters of the State: Notify California Office of Emergency Services and obtain a notification control number.	California Office of Emergency Services at: (800) 852-7550 (Section 1 of Attachment E1)
Monitoring	Conduct spill-specific monitoring.	(Section 2 of Attachment E1)
Reporting	• Submit Draft Spill Report within three (3) business days of the Enrollee's knowledge of the spill; • Submit Certified Spill Report within 15 calendar days of the spill end date; and • Submit Amended Spill Report within 90 calendar days after the spill end date.	(Section 3.2 of Attachment E1)

Table E2-3**Spill Category 3: Spills of Equal or Greater than 50 Gallons and Less than 1,000 Gallons That Does Not Discharge to Surface Waters**

Spill Requirements	Due	Method
Notification	Not Applicable	Not Applicable
Monitoring	Conduct spill-specific monitoring.	(Section 2 of Attachment E1)
Reporting	- Submit monthly Certified Spill Report to the online CIWQS Sanitary Sewer System Database within 30 calendars days after the end of the month in which the spills occur; and - Submit Amended Spill Reports within 90 calendar days after the Certified Spill Report due date.	(Section 3.3 and 3.5 of Attachment E1)

Table E2-4**Spill Category 4: Spills Less Than 50 Gallons That Do Not Discharge to Surface Waters**

Spill Requirements	Due	Method
Notification	Not Applicable	Not Applicable
Monitoring	Conduct spill-specific monitoring.	(Section 2 of Attachment E1)
Reporting	- If, during any calendar month, Category 4 spills occur, certify monthly, the estimated total spill volume exiting the sanitary sewer system, and the total number of all Category 4 spills into the online CIWQS Sanitary Sewer System Database, within 30 days after the end of the calendar month in which the spills occurred. - Upload and certify a report, in an acceptable digital format, of all Category 4 spills to the online CIWQS Sanitary Sewer System Database, by February 1st after the end of the calendar year in which the spills occur.	(Section 3.4, 3.6, 3.7 and 4.4 of Attachment E1)

Table E2-5**Enrollee Owned and/or Operated Lateral Spills That Do Not Discharge to Surface Waters**

Spill Requirements	Due	Method
Notification	Within two (2) hours of the Enrollee's knowledge of a spill of 1,000 gallons or greater, from an enrollee-owned and/or operated lateral, discharging or threatening to discharge to waters of the State: Notify California Office of Emergency Services and obtain a notification control number. Not applicable to a spill of less than 1,000 gallons.	California Office of Emergency Services at: (800) 852-7550 (Section 1 of Attachment E1)
Monitoring	Conduct visual monitoring.	(Section 2 of Attachment E1)
Reporting	• Upload and certify a report, in an acceptable digital format, of all lateral spills (that do not discharge to a surface water) to the online CIWQS Sanitary Sewer System Database, by February 1st after the end of the calendar year in which the spills occur. • Report a lateral spill of any volume that discharges to a surface water as a Category 1 spill.	(Sections 3.6, 3.7 and 4.4 of Attachment E1)

ATTACHMENT F – REGIONAL WATER QUALITY CONTROL BOARD CONTACT INFORMATION

This Attachment provides a map, list of counties, and contact information to assist the Enrollee in identifying the corresponding Regional Water Quality Control Board office, for all Regional Water Board notification requirements in this General Order.



Region 1 -- North Coast Regional Water Quality Control Board:

Del Norte, Glenn, Humboldt, Lake, Marin, Mendocino, Modoc, Siskiyou, Sonoma, and Trinity counties.

RB1SpillReporting@waterboards.ca.gov or (707) 576-2220

Region 2 -- San Francisco Bay Regional Water Quality Control Board:

Alameda, Contra Costa, San Francisco, Santa Clara (Northern most part of Morgan Hill), San Mateo, Marin, Sonoma, Napa, Solano counties.

RB2SpillReports@waterboards.ca.gov or (510) 622-2369

Region 3 -- Central Coast Regional Water Quality Control Board:

Santa Clara (most of Morgan Hill), San Mateo (Southern portion), Santa Cruz, San Benito, Monterey, Kern (small portions), San Luis Obispo, Santa Barbara, Ventura (Northern portion) counties.

CentralCoast@waterboards.ca.gov or (805) 549-3147

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

Los Angeles, Ventura counties (small portions of Kern and Santa Barbara counties).

rb4-ssswdr@waterboards.ca.gov or (213) 576-6600

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Region 5 -- Central Valley Regional Water Quality Control Board:

Rancho Cordova (Sacramento) Office: Colusa, Lake, Sutter, Yuba, Sierra, Nevada, Placer, Yolo, Napa, (North East), Solano (West), Sacramento, El Dorado, Amador, Calaveras, San Joaquin, Contra Costa (East), Stanislaus, Tuolumne counties.

RB5sSpillReporting@waterboards.ca.gov or (916) 464-3291

Fresno Office: Fresno, Kern, Kings, Madera, Mariposa, Merced, and Tulare counties, and small portions of San Benito and San Luis Obispo counties.

RB5fSpillReporting@waterboards.ca.gov or (559) 445-5116

Redding Office: Butte, Glen, Lassen, Modoc, Plumas, Shasta, Siskiyou, and Tehama counties.

RB5rSpillReporting@waterboards.ca.gov or (530) 224-4845

Region 6 -- Lahontan Regional Water Quality Control Board:

Lake Tahoe Office: Alpine, Modoc (East), Lassen (East side and Eagle Lake), Sierra, Nevada, Placer, El Dorado counties.

RB6sSpillReporting@waterboards.ca.gov or (530) 542-5400

Victorville Office: Mono, Inyo, Kern (East), San Bernardino, Los Angeles (North East corner) counties.

RB6vSpillReporting@waterboards.ca.gov or (760) 241-6583

Region 7 -- Colorado River Basin Regional Water Quality Control Board:

Imperial county and portions of San Bernardino, Riverside, San Diego counties.

RB7SpillReporting@waterboards.ca.gov or (760) 346-7491

Region 8 -- Santa Ana Regional Water Quality Control Board:

Orange, Riverside, San Bernardino counties.

RB8SpillReporting@waterboards.ca.gov or (951) 782-4130

Region 9 -- San Diego Regional Water Quality Control Board:

San Diego county and portions of Orange and Riverside counties.

RB9Spill_Report@waterboards.ca.gov or (619) 516-1990

End of Order 2022-0103-DWQ

APPENDIX B

City Service Agreement with CSMD



GENERAL SERVICES AGREEMENT

THIS GENERAL SERVICES AGREEMENT ("Agreement"), dated for purposes of reference only, July 1, 2023, is made by and between the County of Los Angeles, hereinafter referred to as the "County", and the City of Lakewood, hereinafter referred to as the "City."

RECITALS:

(a) The City is desirous of contracting with the County for the performance by its appropriate officers and employees of City functions.

(b) The County is agreeable to performing such services on the terms and conditions hereinafter set forth.

(c) Such contracts are authorized and provided for by the provisions of Section 56½ of the Charter of the County of Los Angeles and Section 51300, *et seq.*, of the Government Code.

THEREFORE, THE PARTIES MUTUALLY AGREE AS FOLLOWS:

1. The County agrees, through its officers, agents and employees, to perform those City functions, which are hereinafter provided for.

2. The City shall pay for such services as are provided under this Agreement at rates to be determined by the County Auditor-Controller in accordance with the policies and procedures established by the Board of Supervisors.

These rates shall be readjusted by the County Auditor-Controller annually effective the first day of July of each year to reflect the cost of such service in accordance with the policies and procedures for the determination of such rates as adopted by the Board of Supervisors of County.

3. No County agent, officer or department shall perform for said City any

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function not coming within the scope of the duties of such agent, officer or department in performing services for the County.

4. No service shall be performed hereunder unless the City shall have available funds previously appropriated to cover the cost thereof.

5. No function or service shall be performed hereunder by any County agent, officer or department unless such function or service shall have been requested in writing by the City on order of the City Council thereof or such officer as it may designate and approved by the Board of Supervisors of the County, or such officer as it may designate, and each such service or function shall be performed at the times and under circumstances which do not interfere with the performance of regular County operations.

6. Whenever the County and City mutually agree as to the necessity for any such County agent, officer or department to maintain administrative headquarters in the City, the City shall furnish at its own cost and expense all necessary office space, furniture, and furnishings, office supplies, janitorial service, telephone, light, water, and other utilities. In all instances where special supplies, stationery, notices, forms and the like must be issued in the name of the City, the same shall be supplied by the City at its expense.

It is expressly understood that in the event a local administrative office is maintained in the City for any such County agent, officer or department, such quarters may be used by the County agent, officer or department in connection with the performance of its duties in territory outside the City and adjacent thereto provided, however, that the performance of such outside duties shall not be at any additional cost to the City.

7. All persons employed in the performance of such services and functions for

the City shall be County agents, officers or employees, and no City employee as such shall be taken over by the County, and no person employed hereunder shall have any City pension, civil service, or other status or right.

For the purpose of performing such services and functions, and for the purpose of giving official status to the performance hereof, every County agent, officer and employee engaged in performing any such service or function shall be deemed to be an agent, officer or employee of said City while performing service for the City within the scope of this agreement.

8. The City shall not be called upon to assume any liability for the direct payment of any salary, wages or other compensation to any County personnel performing services hereunder for the City, or any liability other than that provided for in this agreement.

Except as herein otherwise specified, the City shall not be liable for compensation or indemnity to any County employee for injury or sickness arising out of his or her employment.

9. The parties hereto have executed an Assumption of Liability Agreement approved by the Board of Supervisors on December 27, 1977 and/or a Joint Indemnity Agreement approved by the Board of Supervisors on October 8, 1991. Whichever of these documents the City has signed later in time is currently in effect and hereby made a part of and incorporated into this agreement as set out in full herein. In the event that the Board of Supervisors later approves a revised Joint Indemnity Agreement and the City executes the revised agreement, the subsequent agreement as of its effective date shall supersede the agreement previously in effect between the parties hereto.

10. Each County agent, officer or department performing any service for the

City provided for herein shall keep reasonably itemized and in detail work or job records covering the cost of all services performed, including salary, wages and other compensation for labor, supervision and planning, plus overhead, the reasonable rental value of all County-owned machinery and equipment, rental paid for all rented machinery or equipment, together with the cost of an operator thereof when furnished with said machinery or equipment, the cost of all machinery and supplies furnished by the County, reasonable handling charges, and all additional items of expense incidental to the performance of such function or service.

11. All work done hereunder is subject to the limitations of the provisions of Section 23008 of the Government Code, and in accordance therewith, before any work is done or services rendered pursuant hereto, an amount equal to the cost or an amount 10% in excess of the estimated cost must be reserved by the City from its funds to ensure payment for work, services or materials provided hereunder.

12. The County shall render to the City at the close of each calendar month an itemized invoice which covers all services performed during said month, and the City shall pay County therefore within thirty (30) days after date of said invoice.

If such payment is not delivered to the County office which is described on said invoice within thirty (30) days after the date of the invoice, the County is entitled to recover interest thereon. Said interest shall be at the rate of seven (7) percent per annum or any portion thereof calculated from the last day of the month in which the services were performed.

13. Notwithstanding the provisions of Government Code Section 907, if such payment is not delivered to the County office which is described on said invoice within thirty (30) days after the date of the invoice, the County may satisfy such indebtedness,

including interest thereon, from any funds of any such City on deposit with the County without giving further notice to said City of County's intention to do so.

14. This Agreement shall become effective on the date herein-above first mentioned and shall run for a period ending June 30, 2028, and at the option of the City Council of the City, with the consent of the Board of Supervisors of County, shall be renewable thereafter for an additional period of not to exceed five (5) years.

15. In the event the City desires to renew this Agreement for said five-year period, the City Council shall not later than the last day of May 2028, notify the Board of Supervisors of County that it wishes to renew the same, whereupon the Board of Supervisors, not later than the last day of June 2028, shall notify the City Council in writing of its willingness to accept such renewal. Otherwise, such Agreement shall finally terminate at the end of the aforescribed period.

Notwithstanding the provisions of this paragraph herein-above set forth, the County may terminate this Agreement at any time by giving thirty (30) days' prior written notice to the City. The City may terminate this Agreement as of the first day of July of any year upon thirty (30) days' prior written notice to the County.

16. This Agreement is designed to cover miscellaneous and sundry services which may be supplied by the County of Los Angeles and the various departments thereof. In the event there now exists or there is hereafter adopted a specific contract between the City and the County with respect to specific services, such contract with respect to specific services shall be controlling as to the duties and obligations of the parties anything herein to the contrary notwithstanding, unless such special contract adopts the provisions hereof by reference.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their duly authorized officers.

Executed this 6th day of June 2023.

The City of Lakewood,

By

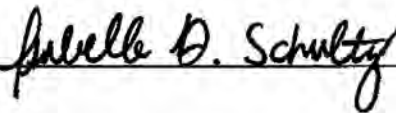
Mayor

ATTEST:

 City Clerk

THE COUNTY OF LOS ANGELES

By



By

Chair, Board of Supervisors

ATTEST:

CELIA ZAVALA
Executive Officer/Clerk
of the Board of Supervisors

By


Deputy



APPROVED AS TO FORM:

DAWYN R. HARRISON
County Counsel

By


Senior Deputy

40 June 6, 2023

79443

SERVICES PROVIDED TO CITIES BY THE COUNTY OF LOS ANGELES
(Via Agreement)

	AGRICULTURAL COMM./WEIGHTS & MEASURES										ANIMAL CARE & CONTROL ⁽¹⁾										ARTS COMMISSION										ASSESSOR										AUDITOR-CONTROLLER										BEACHES & HARBORS ⁽²⁾										BOARD OF SUPERVISORS										CHIEF EXECUTIVE OFFICE										CONSUMER AND BUSINESS AFFAIRS										DISTRICT ATTORNEY										FIRE DEPARTMENT										HEALTH SERVICES										INTERNAL SERVICES ⁽⁴⁾										PUBLIC HEALTH										PROBATION										PUBLIC LIBRARY ⁽⁶⁾										REGIONAL PLANNING										REGISTERED RECORDER/COUNTY CLERK ⁽⁸⁾										SHERIFF'S DEPARTMENT										TREASURER AND TAX COLLECTOR									
	Weed Abatement	Predatory Animal (GSA or Contract)	Vertebrate Pests (Contract)	Noxious/Invasive Weeds Management (Contract)	Animal Control	Animal Shelter Services	Professional Development	Technical Assistance	Grants/Funding	Arts education, strategic planning, and coaching	Free Concerts in Public Spaces	Arts Internship	Maps	Media (CD/DVD/Email)	Direct Assessments Collections	Beach Maintenance	JPA for FootHill Transit Corporation & Meetings	GSA/Assumption of Liability Agreements	Ejection Defense Services	Wage Enforcement Services	City Prosecution Services	Community Law Enforcement & Recovery Program (CPRP)	Fire Suppression Services - Free for Service	GSA/MOU/Other	Certified Unified Participating Agency Billing	Housing/Homlessness/Judice Related Services	IT Services	Energy and Environmental Services	Fiber & Logistics	Maintenance & Operations	Socialization Services ⁽⁵⁾	Mental Hlth Eval & Co-Response Team w/Police ⁽⁶⁾	Deputy Probation Officer Services	See Attachment I for Specific Services	Library Services	See Attachment II for Specific Services	Planning & Zoning Services	Document Transfer Tax Collection	Access to YODA's	Access to DIMS System ⁽¹⁰⁾	General IDMS System ⁽¹¹⁾	Traffic Law Enforcement	Detective Services	Helicopter Programs	Special Occasions	Business License Collections																																																																																																																																																										
Agoura Hills	*				*	*			*	*								*					*			*	*	*					*		*		*		*		*		*																																																																																																																																																													
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Bell Gardens	*									*								*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
Beverly Hills		*	*							*							*		*		*		*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
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Calabasas	*				*	*			*	*								*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
Carson	*				*	*			*	*								*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
Cerritos	*								*	*								*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
Claremont	*								*	*								*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
Commerce	*				*	*			*	*								*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
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Covina	*								*									*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
Cudahy	*				*	*			*									*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
Culver City					*	*			*	*								*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
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Downey									*	*							*		*		*		*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
Duarte	*	*							*	*								*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
El Monte	*				*	*			*									*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
El Segundo										*							*		*		*		*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
Gardena	*				*				*	*								*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
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Hawaiian Gardens	*				*	*			*									*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										
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Huntington Park					*	*			*									*		*			*			*	*	*						*		*		*		*		*		*		*																																																																																																																																																										

SERVICES PROVIDED TO CITIES BY THE COUNTY OF LOS ANGELES
(Via Agreement)

[illegible]

SERVICES PROVIDED TO CITIES BY THE COUNTY OF LOS ANGELES
(Via Agreement)

[illegible]

Notes: • A red dot indicates new services.

¹ The Department of Animal Care & Control (DACC) provides Limited Field Services to Commerce, Culver City, Duarte, El Monte, Hawthorne, Lancaster, Lawndale, Monterey Park, Palos Verdes Estates, and Torrance; and Limited Sheltering to Culver City, Hawthorne, and West Hollywood.

² The City of Los Angeles contracts with the Departments of Beaches & Harbors and Fire for maintenance and lifeguard services for four beaches located within the city through a Joint Powers Agreement (JPA) with the County.

³ The Fire Department provides beach lifeguard services to the City of El Segundo through a contract with Chevron.

⁴ The Internal Services Department provides IT services (mainframe access) for the City of Los Angeles and IT services (eGis services) for the Cities of Arcadia, Hawthorne, Redondo Beach, Santa Monica and Torrance.

⁵ The Department of Mental Health (DMH) contracts with the City of Gardena to provide socialization services.

⁶ DMH entered into a MOA with the Cities of Alhambra, Azusa, Bell, Bell Gardens, Covina, Culver City, Downey, Glendora, Huntington Park, Montebello, Monterey Park, Signal Hill, South Gate, Vernon, and West Covina police departments to develop mental health evaluation team and co-response models.

DMH entered into a partnership through a Memorandum of Cooperative Agreement with the City of Burbank to develop a mental health evaluation team and one FTE psychiatric social worker for the provision of crisis mental health services.

⁸ The LA County Library has an MOU established with four cities, including Diamond Bar, Malibu, Manhattan Beach, and West Hollywood. The dot indicates County Library services are provided to these cities.

⁹ The Registrar-Recorder/County Clerk provides Document Transfer Tax Collection services to 88 cities in the County. It also provides election services to all cities through an approved City Council resolution and adopted by the Board of Supervisors.

¹⁰ The Registrar-Recorder/County Clerk's Your Online Document Archive (YODA) is in-house electronic archive system.

¹¹ The Data Information Management System (DIMS) is a contracted-system that manages voter registration information.

ATTACHMENT II

	PUBLIC WORKS	Bridge Inspection and/or Maintenance	Building and Safety	Storm Drain Catch Basin Cleanout	Storm Drain Catch Basin Insert Maintenance	City Pump Station	Street Maintenance	Industrial Waste	Permit Issuance & Inspection (Transportation)	Safe, Clean Water Program	Sewer Maintenance Contract	Subdivision Maps: Final	Subdivision Maps: Tentative	Traffic Advisor	Traffic Operations Maintenance	Traffic Signal Maintenance	Underground Storage Tanks	Infrastructure Design and Construction	Traffic Monitoring
Agoura Hills		*					*	*	*					*	*	*	*		
Alhambra		*							*							*	*		
Arcadia			*						*		*				*	*	*		
Artesia		*					*	*	*	*						*	*		
Avalon																*	*		
Azusa		*						*							*	*	*		
Baldwin Park			*					*	*						*	*	*		
Bell		*							*	*					*	*	*		
Bellflower		*					*	*	*						*	*	*		
Bell Gardens		*					*	*	*	*					*	*	*		
Beverly Hills							*	*	*	*					*	*	*		
Bradbury		*	*	*				*	*				*	*	*	*	*		
Burbank							*	*	*	*					*	*	*		
Calabasas		*					*	*	*	*					*	*	*		
Carson		*	*				*	*	*	*	*	*	*	*	*	*	*	*	
Cerritos		*	*				*	*	*	*	*	*	*	*	*	*	*	*	
Claremont		*						*	*						*	*	*		
Commerce							*	*	*	*	*				*	*	*		
Compton		*						*	*				*	*	*	*	*		
Covina		*	*					*	*	*	*	*	*	*	*	*	*	*	
Cudahy		*	*				*	*	*	*					*	*	*		
Culver City		*					*	*	*	*					*	*	*		
Diamond Bar		*	*				*	*	*	*					*	*	*		
Downey		*					*	*	*	*					*	*	*		
Duarte			*	*			*	*	*	*			*	*	*	*	*	*	
El Monte		*					*	*	*	*					*	*	*		
El Segundo							*	*	*	*	*		*	*	*	*	*		
Gardena		*	*				*	*	*	*					*	*	*		
Glendale		*	*				*	*	*	*					*	*	*		
Glendora		*	*	*				*	*	*	*	*	*	*	*	*	*	*	
Hawaiian Gardens		*	*				*	*	*	*				*	*	*	*		
Hawthorne		*					*	*	*	*				*	*	*	*		
Hermosa Beach							*	*	*	*					*	*	*		
Hidden Hills							*	*	*	*			*	*	*	*	*		
Huntington Park		*					*	*	*	*	*			*	*	*	*	*	
Industry		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Inglewood							*	*	*	*					*	*	*		
Irwindale		*	*				*	*	*	*					*	*	*		
La Canada Flintridge		*	*	*	*	*	*	*	*	*			*	*	*	*	*		
La Habra Heights		*	*				*	*	*	*					*	*	*		
Lakewood		*	*			*	*	*	*	*	*	*	*	*	*	*	*	*	
La Mirada		*	*	*			*	*	*	*	*	*	*	*	*	*	*	*	
Lancaster		*					*	*	*	*			*	*	*	*	*	*	
La Puente		*					*	*	*	*			*	*	*	*	*	*	
La Verne		*	*				*	*	*	*			*	*	*	*	*	*	
Lawndale		*					*	*	*	*	*	*	*	*	*	*	*	*	
Lomita		*					*	*	*	*	*	*	*	*	*	*	*	*	
Long Beach		*					*	*	*	*					*	*	*		
Los Angeles							*	*	*	*					*	*	*	*	

Public Works - Page 1

	Public Works																				
	Bridge Inspection and/or Maintenance	Building and Safety	Storm Drain Catch Basin Cleanup	Storm Drain Catch Basin Insert Maintenance	City Pump Station	Street Maintenance	Industrial Waste	Permit Issuance & Inspection (Transportation)	Safe, Clean Water Program	Sewer Maintenance Contract	Street Lighting Maintenance District	Subdivision Maps: Final	Subdivision Maps: Tentative	Traffic Advisor	Traffic Operations Maintenance	Traffic Signal Maintenance	Underground Storage Tanks	Infrastructure Design and Construction	Traffic Monitoring		
Lynwood	*							*		*					*	*	*				
Malibu	*						*	*	*							*	*				
Manhattan Beach									*					*		*	*				
Maywood	*							*	*							*	*				
Monrovia	*	*						*							*	*	*	*			
Montebello	*							*	*	*			*		*	*	*				
Monterey Park	*					*			*						*	*	*				
Norwalk	*					*		*								*	*				
Palmdale	*					*		*					*		*	*					
Palos Verdes Estates	*						*	*		*						*	*				
Paramount	*					*	*	*	*							*	*				
Pasadena	*	*					*		*						*	*	*				
Pico Rivera	*					*	*	*							*	*	*	*			
Pomona	*						*								*	*	*				
Rancho Palos Verdes						*	*	*								*	*				
Redondo Beach	*	*					*		*		*		*	*	*	*	*				
Rolling Hills	*	*					*	*	*	*	*					*	*				
Rolling Hills Estates	*	*	*	*	*	*	*	*	*	*	*		*			*	*				
Rosemead	*	*	*	*	*	*	*	*	*						*	*	*				
San Dimas	*				*	*	*	*	*	*					*	*	*				
San Fernando	*				*	*	*								*	*	*				
San Gabriel	*						*	*	*	*					*	*	*	*			
San Marino	*	*					*	*	*	*					*	*	*	*			
Santa Clarita	*				*	*	*	*	*				*		*	*	*				
Santa Fe Springs	*	*			*	*	*	*	*				*		*	*	*				
Santa Monica	*						*	*	*	*					*	*	*				
Sierra Madre	*						*	*	*						*	*	*				
Signal Hill					*	*	*	*	*	*					*	*	*				
South El Monte		*				*	*	*	*						*	*	*				
South Gate	*				*	*	*	*	*						*	*	*				
South Pasadena	*				*	*	*	*	*	*					*	*	*				
Temple City	*	*	*	*	*	*	*	*	*				*		*	*	*				
Torrance	*					*	*	*	*					*	*	*	*				
Vernon	*					*	*	*	*	*				*	*	*	*				
Walnut	*	*	*	*	*	*	*	*	*	*			*	*	*	*	*				
West Covina	*	*	*	*	*	*	*	*	*					*	*	*	*				
West Hollywood		*	*	*	*	*	*	*	*	*			*	*	*	*	*				
Westlake Village	*	*			*	*	*	*	*			*	*	*	*	*	*				
Whittier	*					*	*	*	*	*			*	*	*	*	*				
TOTAL	72	14	24	10	2	6	37	21	37	83	4	18	41	6	4	21	16	36	77	88	9

Public Works - Page 2

Notes: * A red dot indicates new services.

APPENDIX C

CitySewer Collection Pipe Infrastructure Inventory



Lakewood Pipes as of 8-5-2025

PIPE_LOCN	LOCATION	PLAN LENGTH	STATUS	PIPE TYPE	PIPE MATERIAL	MAPSHEET_N	PIPE DIAMETER
0209/1924-0219/1924		137	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8
0721/1977-0722/1977	EBERLE AV	119	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0162/1977-0163/1977	DUNROBIN AV	251	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0613/1976-0737/1976	WOODRUFF AV	112	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8
0202/1977-0203/1977	AUTRY AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0122/2031-0123/2031	GRADWELL ST	372	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8
0096/1978-0097/1978	HARVEY WY	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8
0025/1978-0043/1978	MARBER AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	12
0338/1977-0339/1977	WOODRUFF AV	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0545/1976-0546/1976	FAUST AV	219	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8
0513/1977-0514/1977	DEL AMO BV	173	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0167/1976-0168/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8
0237/1978-0238/1978	KNOXVILLE AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8
0144/1924-0145/1924	VILLAGE RD	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8
0197/1978-0198/1978	CONQUISTA AV	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8
0418/1977-0419/1977	CANDLEWOOD ST	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0184/1976-0185/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8
0130/1977-0131/1977	BELLFLOWER AV	357	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0188/1978-0189/1978	CARFAX AV	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8
0094/2031-PUMP/2031	LONGWORTH AV	35	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8
0073/1978-0074/1978	FAIRMAN ST	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8
0010/2083-0011/2083		68	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8
0321/1923-0322/1923	DOWNEY AV	48	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8
0423/1977-0424/1977	CANDLEWOOD ST	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0378/1977-0379/1977	SOUTH ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0664/1923-0665/1923	DEL AMO BV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	21
0012/2084-0013/2084	CENTRALIA ST	111	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8
0035/1924-0114/1923	FRANKEL ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8
0669/1977-0672/1977	CHARLESWOOD ST	140	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0640/1923-0641/1923	HAZELBROOK AV	218	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10
0090/2083-TRNK/2083	WILDER AV	120	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8
0137/2030-0147/2030	SYLVANWOOD AV	208	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8
0192/1976-0193/1976	HEDDA ST	89	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15
0727/1923-0728/1923	SAMANTHA AV	350	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8
0397/1923-0398/1923	DOWNEY AV	378	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12
0246/1922-0308/1922		319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8
0052/1923-0053/1923	HARDWICK ST	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8
0384/1923-0412/1923	BARLIN AV	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8
0359/1977-0667/1976	SNOWDEN AV	338	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10
0431/2030-0432/2030	BELSHIRE AV L	85	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8
0289/2031-0327/2031	CENTRALIA AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8
0705/1977-0004/2030	DENMEAD ST	292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8
0630/1923-0631/1923	PEPPERWOOD AV	110	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12
0133/2031-0487/2031	215TH ST	54	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8
0013/2031-0014/2031	HARVEY WY	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8

0139/1977-0140/1977	ADENMOOR AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0158/1924-0159/1924		349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0388/1976-0389/1976		356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0219/1977-0220/1977	BELLFLOWER AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0277/1977-0278/1977	BELLFLOWER BV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0414/1977-0415/1977	EASTBROOK AV	375	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0144/1977-0145/1977	BRIERCREST AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0261/1977-0262/1977	DEL AMO BV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0105/1978-0106/1978	WARWOOD RD	333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0011/1978-0012/1978	BRIERCREST AV	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0026/2083-0027/2083	HAWAIIAN AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0541/1923-0542/1923	CAMERINO ST	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0503/1923-0504/1923	ARBOR ST	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0766/1977-0767/1977	CONQUISTA AV	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0343/1976-0362/1976		256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0128/1976-0129/1976	CLARK AV	87	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0083/1922-0084/1922	ASHWORTH ST	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0472/1923-0473/1923	HAYTER AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0595/1923-0596/1923	HAZELBROOK AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0108/1922-0109/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0125/1976-0127/1976		132	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0064/2083-0065/2083	206TH ST	186	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0686/1923-0687/1923	LAKEWOOD BV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0433/1976-0434/1976	HEDDA ST	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10	
0162/2084-0163/2084		181	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0170/2031-0182/2031	ALBURTIS AV	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0124/2030-0125/2030	ELVINS ST	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0005/1923-0025/1923	DEEBOYAR AV	60	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0140/2030-0154/2030	NECTAR AV	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0121/2030-0236/2030	DEL AMO BV	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0199/2031-0200/2031	212TH ST	174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0330/1923-0331/1923	VERDURA AV	165	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0278/2031-0279/2031	CENTRALIA AV	193	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0002/1923-0017/1923	MEADOW WOOD AV	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0110/1923-0111/1923	FRANKEL ST	126	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0681/1977-0682/1977	JOSIE ST	161	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0496/1923-0497/1923	SANDWOOD ST	207	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0019/1923-0020/1923	MEADOW WOOD AV	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0144/2031-0220/2031	CARSON ST	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0092/1922-0250/1922	HEDDA ST	292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0029/2031-0030/2031	MONOGRAM AV	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0119/2083-0120/2083	WILDER AV	207	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0120/1977-0121/1977	BELLFLOWER AV	366	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0065/1977-0066/1977	FIDLER AV	370	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0209/1977-0210/1977	MONTAIR AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0644/1976-0645/1976	CANEHILL AV	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	

0568/1977-0569/1977	LOOMIS ST	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0182/1977-0183/1977	CAPETOWN ST	237	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0189/2031-0204/2031	214TH ST	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0702/1923-0712/1923	WALDIE CT	140	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0188/1976-0189/1976		280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0276/1977-0277/1977	BELLFLOWER BV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0030/1977-0031/1977	LORELEI AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0487/2031-0488/2031		183	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0221/2031-0222/2031	CARSON ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0159/1924-0160/1924		177	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0034/1977-0035/1977	LORELEI AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0293/1977-0294/1977	BRIERCREST AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0721/1976-0728/1976	LA JARA ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0040/1978-0041/1978	OCANA AV	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0216/1923-0217/1923	SILVA ST	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0004/2084-0005/2084	CENTRALIA ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0255/1923-0281/1923	SANDWOOD ST	143	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0167/2084-0168/2084		157	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0213/1922-0214/1922	ASHWORTH ST	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0116/1977-0205/1977	MONTAIR AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0467/1923-0502/1923	COKE AV	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0092/2083-0093/2083	CHADWELL ST	189	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0459/1923-0670/1923	DEL AMO BV	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0785/1977-0786/1977	IROQUOIS AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0417/1923-0418/1923	BARLIN AV	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0234/1923-0252/1923	LEVELSIDE AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0134/2084-0135/2084	GRADWELL ST	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0103/1924-0104/1924	LEVELSIDE AV	171	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0307/1923-0308/1923	GREENTOP ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0068/2083-0069/2083	STILLMAN ST	195	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0215/1922-0216/1922		349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0670/1923-0671/1923	DEL AMO BV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0173/2030-0174/2030	ROSETON AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0536/1923-0604/1923	FACULTY AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0640/1977-0641/1977	MICHELSON ST	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0043/2083-0385/2030	207TH ST	216	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0648/1923-0649/1923	FACULTY AV	363	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0701/1977-0702/1977	DENMEAD ST	265	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0139/2030-0140/2030	STILLMAN ST	129	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0150/1976-0151/1976		310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0020/1978-0021/1978	HARVEY WY	216	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0133/1976-0134/1976	ALLEY	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0567/1977-0568/1977	LOOMIS ST	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0336/1977-0337/1977	WOODRUFF AV	355	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0614/1976-0615/1976	WOODRUFF AV	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0213/1978-0214/1978	HACKETT AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	

0720/1977-0721/1977	EBERLE AV	157	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0056/1977-NORTH/1977	CLARK AV	59	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0350/1977-0377/1977	SPAHN AV	203	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0318/1977-0331/1977	OCANA AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0546/1977-0547/1977	WOODRUFF AV	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0013/1978-0014/1978	BRIERCREST AV	120	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0416/1976-0441/1976		135	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0113/1977-0114/1977	MONTAIR AV	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0193/1977-0194/1977	CANDLEWOOD ST	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0109/1978-0110/1978	FRECKLES RD	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0487/1977-0488/1977	EBERLE ST	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0170/1977-0171/1977	EASTBROOK AV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0432/1976-0602/1976	ALLINGTON ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0016/2084-0017/2084	WILDER AV	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0078/2031-0079/2031	STEVELY AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0178/1978-0190/1978	WARWOOD RD	333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0371/1976-PUMP/1976		56	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0291/1977-0292/1977	BRIERCREST AV	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0263/1977-0264/1977	DEL AMO BV	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0090/1923-0109/1923	PIXIE AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0083/1977-0084/1977	LORELEI AV	365	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0136/1976-0137/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0321/2030-0322/2030	SEINE AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0074/2083-0079/2083	WARDHAM AV	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0391/1923-0392/1923	DOWNEY AV	382	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0400/1923-0401/1923	DOWNEY AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0325/1922-0326/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0147/2031-0148/2031	ALLEY	93	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0014/1923-0701/1923	ELDERHALL AV	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0222/1924-0223/1924	LAKEWOOD BV	95	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0381/2030-0382/2030	207TH ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0180/2031-0181/2031	ALBURTIS AV	137	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0054/2031-0055/2031	SHADEWAY RD	314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0213/2030-0214/2030	FLALLON AV	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0319/1922-0320/1922		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0191/1924-0192/1924	COUNTRY CLUB DR	275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0063/1923-0064/1923	SILVA ST	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0228/2030-0229/2030	VILLAGE GREEN DR	124	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0252/1922-0276/1922		320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0046/1978-0047/1978	TILBURY ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0140/1977-0191/1977	ADENMOOR AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0349/1977-0350/1977	SPAHN AV	219	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0222/2031-0223/2031	CARSON ST	449	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0443/1977-0448/1977	FAUST AV	207	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0484/1923-0485/1923	ALLRED ST	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0161/1977-0178/1977	BIGELOW ST	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0598/1977-0599/1977	HACKETT AV	50	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0729/1977-0730/1977		112	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0547/1977-0548/1977	WOODRUFF AV	144	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0581/1977-0813/1977	ARBOR ST	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0174/1924-0175/1924	CONANT ST	183	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0018/2031-0019/2031	HARVEY WY	219	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0032/1924-0042/1924	MAYBANK AV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0003/1923-TRNK/1923	DEEBOYAR AV	60	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0069/2083-0070/2083	STILLMAN ST	181	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0315/1977-0316/1977	OCANA AV	329	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0106/1924-0107/1924	LEVELSIDE AV	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0732/1977-0735/1977	IANITA ST	115	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0101/1923-0102/1923	ALLRED ST	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0409/1976-0410/1976	DUNROBIN AV	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0252/1977-0253/1977	YEARLING ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0326/1977-0327/1977	CENTRALIA ST	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0583/1977-0820/1977	ELSA ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0218/1978-0219/1978	IROQUOIS AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0165/2084-0166/2084		243	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0187/1976-0188/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0405/1977-0595/1977		351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0798/1977-0799/1977	KNOXVILLE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0251/1923-0309/1923	GREENTOP ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0304/1923-0305/1923	FRANKEL ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0155/2030-0156/2030	NECTAR AV	174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0117/1922-0118/1922		342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0277/1923-0278/1923	SANDWOOD ST	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0010/2030-0012/2030	KEN AV	161	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0237/2030-0238/2030	DEL AMO BV	56	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0080/1922-0081/1922	KIMA CT	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0152/1923-0177/1923	DOLLAR ST	153	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0716/1923-0717/1923	VAN NOSTRAN DR	240	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0442/2030-0443/2030		125	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0014/2030-0015/2030	STEVELY AV	194	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0368/1923-0369/1923	CAMERINO ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0366/1977-0367/1977	EDGEFIELD ST	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0703/1977-0704/1977	DENMEAD ST	214	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0160/2031-0161/2031	CENTRALIA AV	46	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0292/1922-0293/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0230/2030-0231/2030	BRENDA CT	94	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0430/1976-0431/1976	ALLINGTON ST	87	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0411/1977-0412/1977	EASTBROOK AV	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0058/2031-0059/2031	QUIGLEY AV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0130/2030-0145/2030	205TH ST	198	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0687/1977-0733/1977	GLORYWHITE ST	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0734/1977-0744/1977	RACHEL AV	215	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0044/2031-0045/2031	OSTROM AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0518/1976-0519/1976	IBBETSON AV	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0429/1976-0430/1976	ALLINGTON ST	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0406/1977-0407/1977	CAMERINO ST	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0051/1977-0052/1977	CANDLEWOOD ST	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0142/1924-0143/1924	FRECKLES RD	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0096/1924-0097/1924	OBISPO AV	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0093/1976-0167/1976		256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0169/1976-0202/1976		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0607/1977-0658/1977	KETTLER AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0175/1924-0176/1924	CONANT ST	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0361/1977-0651/1976	CANEHILL AV	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0091/1976-0152/1976		256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0038/1977-0039/1977	HERSHOLT AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0359/1977-0368/1977	EDGEFIELD ST	99	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0134/2030-0135/2030	206TH ST	359	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0044/2083-0045/2083	CORTNER AV	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0573/1977-0574/1977	ARBOR ST	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0777/1977-0808/1977	TURNERGROVE AV	231	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0202/1924-0203/1924	ANN ARBOR RD	198	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0041/2084-0042/2084	CLARETTA AV	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0492/2031-0493/2031		76	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0223/1977-0260/1977	BELLFLOWER BV	187	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0514/1923-0516/1923	CASTANA AV	180	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0055/2083-0062/2083	VANDEMERE ST	204	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0312/2030-0313/2030	ARLINE AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0279/1922-0280/1922		338	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0639/1923-0640/1923	HAZELBROOK AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0638/1923-0639/1923	HAZELBROOK AV	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0154/2031-0155/2031	CENTRALIA AV	162	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0325/1923-0326/1923	DOWNEY AV	321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0180/2030-TRNK/2030	CHADWELL ST	118	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0210/1924-0524/1923	FAIRMAN ST	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0118/1976-0119/1976	SUNFIELD AV	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0112/1924-0128/1924	BOMBERRY ST	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0168/2030-0169/2030	ROSETON AV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0169/1923-0170/1923	DANELAND ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0458/1923-0459/1923	DEL AMO BV	220	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0033/2031-0072/2030	NIPOMO AV	365	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0661/1923-0662/1923	DEL AMO BV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0346/1977-0347/1977	EDGEFIELD ST	234	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0380/1976-0381/1976	ALLEY	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0207/1924-0209/1924		201	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0345/1976-0380/1976	ALLEY	251	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0197/2031-0237/2031	PIONEER AV	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	12	
0016/2031-0017/2031	HARVEY WY	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	

0644/1976-0720/1976	LA JARA ST	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0110/1977-0111/1977	MONTAIR AV	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0822/1977-0823/1977	TANGLEWOOD ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0655/1977-0656/1977	CANDLEWOOD ST	177	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0461/1977-0462/1977	CHESTEROAK DR	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0178/1976-0203/1976		348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0428/1976-0429/1976	ALLINGTON ST	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0366/1977-0661/1976	SPAHN AV	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0247/1977-0248/1977	OCANA AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0251/1978-TRNK/1978	HARVEY WY	64	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0655/1976-0656/1976	ARABELLA ST	120	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0634/1977-0635/1977	BIGELOW ST	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0789/1977-0790/1977	JOSIE AV	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0255/1978-0256/1978	HARVEY WY	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0530/1977-0531/1977	RADNOR AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0713/1977-0724/1977	RACHEL AV	142	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0064/1977-0065/1977	FIDLER AV	370	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0602/1976-0603/1976	IBBETSON AV	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0095/1923-0109/1923	LOOMIS ST	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0286/1977-0320/1977	ADENMOOR AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0285/1922-0286/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0534/1923-0568/1923	ALLEY	394	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0264/2030-0286/2030	207TH ST	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0256/2030-0257/2030	208TH ST	335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0011/2030-0022/2030	GLORYWHITE ST	157	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0004/1924-0005/1924	FLANGEL AV	371	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0178/2030-0179/2030	CHADWELL ST	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0393/2030-0416/2030	208TH ST	121	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0667/1923-0668/1923	DEL AMO BV	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	21	
0403/1923-0404/1923	DOWNEY AV	72	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0080/2083-0081/2083		340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0102/2030-0103/2030	HORNET PL	219	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0723/1923-0727/1923	BREAN ST	230	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0051/2031-0052/2031	PETALUMA AV	200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0395/1923-0396/1923	DOWNEY AV	162	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0119/1922-0120/1922	ANDY ST	108	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0474/1923-0526/1923	BOUTON DR	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0728/1923-0729/1923	SAMANTHA AV	350	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0070/2030-0434/2030	BELSHIRE AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0100/2030-0106/2030	VENDALE DR	199	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0252/1922-0277/1922		134	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0377/2030-0431/2030	RENVILLE ST	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0537/1923-0611/1923	MICHELSON ST	203	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0106/2030-0107/2030	STILLMAN ST	152	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0012/2084-0083/2083	CALLAWAY AV	338	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0047/2031-0048/2031	PETALUMA AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	

0394/1923-0395/1923	DOWNEY AV	333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0197/1924-CITY/1924		235	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0016/1977-0062/1977	FIDLER AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0044/1977-0546/1923	CAMERINO AV	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0381/1976-0425/1976	ALLEY	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0609/1923-0610/1923	WHITEWOOD AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0362/1977-0363/1977	CANEHILL AV	367	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0534/1976-0535/1976	WOODRUFF AV	227	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0026/2031-0071/2031	REDLINE DR	177	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0022/2031-0023/2031	ALLEY	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0088/1976-0736/1976		60	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0123/1977-0189/1977	BELLFLOWER AV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0062/2031-0063/2031	QUIGLEY AV	292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0690/1977-0691/1977	DASHWOOD AV	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0187/1977-0188/1977	CANDLEWOOD ST	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0110/1923-0114/1923	FRANKEL ST	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0296/1922-0297/1922		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0339/1976-0340/1976	ASHWORTH ST	332	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0723/1923-0724/1923	ESQUIVEL AV	244	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0398/1976-0399/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0028/2031-0081/2031	SCHROLL ST	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0135/2031-0136/2031	215TH ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0518/1977-0522/1977	LOMINA AV	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0028/1924-0037/1924	MAYBANK AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0745/1977-0009/2030	MAMIE AV	205	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0091/1922-0110/1922		315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0618/1923-0619/1923	LAKEWOOD BV	367	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0291/2030-0292/2030	PIONEER BV	428	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0282/1922-0283/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0338/1923-0371/1923	COKE AV	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0251/2030-0299/2030	ALLEY	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0300/1922-0301/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0101/1924-0261/1923	LEVELSIDE AV	200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0443/2030-0448/2030		178	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0560/1923-0561/1923	PIMENTA AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0015/2083-0048/2083	207TH ST	229	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0097/2083-TRNK/2083	WILDER AV	231	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0016/2083-0017/2083		129	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0034/2030-0035/2030	SHADEWAY RD	56	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0221/1923-0229/1923	DEL AMO BV	56	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0238/2030-0239/2030	DEL AMO BV	221	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0159/1923-0160/1923	LEVELSIDE AV	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0819/1977-0040/2030	ARBOR ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0309/2030-0310/2030	ARLINE AV	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0090/2031-PUMP/2031	LONGWORTH AV	774	IN SERVICE	FORCE MAIN	DUCTILE IRON PIPE	2031	6	
0257/2030-0285/2030	206TH ST	335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	

0050/2083-0051/2083	207TH ST	63	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0073/1976-0075/1976	ASHWORTH ST	132	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0679/1977-0693/1977	IROQUOIS AV	222	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0511/1923-0512/1923	CENTRALIA ST	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0361/1923-0362/1923	MICHELSON ST	347	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0257/1922-0311/1922		335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0026/2030-0027/2030	PETALUMA AV	220	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0096/2083-0097/2083	STILLMAN ST	141	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0153/2031-0324/2030	SEINE AV	285	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0009/2084-TRNK/2084	CENTRALIA ST	37	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0423/1976-0424/1976		354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0311/1922-0312/1922		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0033/2083-0034/2083	VERNE AV	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0250/1923-0306/1923	FRANKEL ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0609/1923-0333/1922	WHITEWOOD AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0472/1923-0513/1923	CENTRALIA ST	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0198/1978-0199/1978	CONQUISTA AV	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0329/1922-0330/1922		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0092/2030-0093/2030	HARVEST AV	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0259/1977-0260/1977	DEL AMO BV	348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0129/1977-0130/1977	BELLFLOWER AV	363	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0232/1978-0233/1978	FAIRMAN ST	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0245/1978-0246/1978	LADOGA AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0079/1923-0080/1923	DEEBOYAR AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0471/1977-0472/1977	DASHWOOD ST	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0355/1977-0389/1977	WOLFE ST	171	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0633/1923-0664/1923	PEPPERWOOD AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0702/1977-0703/1977	DENMEAD ST	214	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0115/2083-0116/2083	WINKLER AV	177	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0324/1923-0325/1923	DOWNEY AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0389/2030-0390/2030	208TH ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0069/1977-0070/1977	PREMIERE AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0013/2031-0042/2031	OSTROM AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0809/1977-0810/1977	TURNER GROVE AV	232	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0193/1976-0194/1976	HEDDA ST	70	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0267/2030-0268/2030	208TH ST	333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0397/2030-0422/2030	209TH ST	157	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0264/2030-0265/2030	207TH ST	338	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0060/1924-0061/1924		333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0500/1923-0501/1923	ARBOR ST	367	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0451/1923-0661/1923	DEL AMO BV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0379/1923-0380/1923	CANDLEWOOD ST	96	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0255/2030-0319/2030	SEINE AV	282	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0618/1977-0619/1977	STEVELY AV	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0318/1977-0319/1977	OCANA AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0371/1977-0372/1977	SOUTH ST	227	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0333/1923-0364/1923	CANDOR ST	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0495/1977-0496/1977	ECKLESON ST	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0122/1924-0123/1924	FAIRWAY DR	309	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0339/1976-0347/1976	BRIERCREST AV	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0234/2030-0235/2030		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0715/1977-0729/1977		84	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0175/2031-0176/2031	HASTON PL	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0464/1923-0465/1923	COKE AV	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0156/1923-0157/1923	OBISPO AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0104/2031-0116/2031	211TH ST	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0123/1924-0149/1924	HARVEY WY	159	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0073/1923-0074/1923	DEL HOLLOW ST	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0314/1923-0315/1923	DOWNEY AV	215	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0352/1977-0391/1977	BIGELOW ST	118	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0023/2031-TRNK/2031	LOS COYOTES DIA	70	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0066/2083-0067/2083	WARDHAM AV	152	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0239/1978-0240/1978	KNOXVILLE AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0236/2030-0282/2030	JERSEY AV	199	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0004/2030-0005/2030	DENMEAD ST	208	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0282/1923-0283/1923	SANDWOOD ST	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0126/1978-0127/1978	SNOWDEN AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0095/1924-0134/1924	HARVEY WY	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0012/2031-0013/2031	HARVEY WY	261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0533/1977-0534/1977	ALBURY AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0076/1977-0077/1977	PEARCE AV	361	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0446/1977-0487/1977	EBERLE ST	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0324/1977-0325/1977	ARBOR ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0037/1977-0038/1977	HERSHOLT AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0033/1978-0034/1978	SERBEN AV	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0728/1977-0729/1977		97	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0081/1977-0082/1977	LORELEI AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0543/1976-0556/1976	ASHWORTH ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0202/1976-0203/1976	HEDDA ST	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0047/1924-0048/1924		243	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0138/1924-0139/1924	WARWOOD RD	355	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0046/1923-0178/1923	DASHWOOD ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0165/1924-0166/1924		322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0634/1923-0635/1923	HAZELBROOK AV	133	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0715/1977-0716/1977	EBERLE AV	128	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0188/2031-0189/2031	ROSSFORD AV	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0707/1923-0708/1923	VAN NOSTRAN DR	42	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0422/1923-0439/1923	MINTURN AV	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0828/1977-0829/1977	CENTRALIA ST	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0019/2084-0022/2084	WILDER AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0280/2030-0281/2030	ALLEY	164	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0643/1923-0655/1923	A ST	147	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	

0112/2030-TRNK/2030	LEMMING ST	82	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0072/2083-0073/2083	CHADWELL ST	232	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0151/2030-0156/2030	LEMMING ST	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0030/1923-0031/1923	YEARLING ST	287	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0120/2030-0121/2030	DEL AMO BV	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0198/1923-0199/1923	YEARLING ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0180/1923-0181/1923	DASHWOOD ST	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0099/2030-0100/2030	VENDALE DR	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0134/1976-0135/1976	ALLEY	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0020/2030-0021/2030	STEVELY AV	103	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0002/1924-0003/1924	FLANGEL AV	170	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0659/1977-0660/1977	CANDLEWOOD ST	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0792/1977-0793/1977	JOSIE AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0074/2031-0075/2031	STEVELY AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0416/2030-0417/2030	NORWALK BV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0005/1977-0006/1977	SUNFIELD AV	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0160/1976-0161/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0056/1924-0057/1924	BIXBY RD	123	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0441/1977-0442/1977	FANWOOD AV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0469/1923-0470/1923	HAYTER AV	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0042/1978-0048/1978	OCANA AV	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0075/1924-0076/1924	CONANT ST	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0609/1976-0610/1976	ALLEY	55	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0528/1977-0529/1977	RADNOR AV	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0697/1977-TRNK/1977	DENMEAD ST	147	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0018/1978-0019/1978	HARVEY WY	107	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0558/1977-0581/1977	SNOWDEN AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0060/1978-0061/1978	RADNOR AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0041/1977-0042/1977	HERSHOLT AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0631/1976-0632/1976	FAUST AV	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0180/1976-0181/1976		280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0458/1977-0459/1977	MC KNIGHT DR	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0623/1976-0624/1976	WOODRUFF AV	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0031/2031-0032/2031	MONOGRAM AV	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0095/1976-0183/1976		256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0305/1977-0306/1977	DUNROBIN AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0661/1976-0662/1976	DROXFORD ST	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0048/1977-0049/1977	CANDLEWOOD ST	157	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0163/1924-0164/1924		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0779/1977-0780/1977	HACKETT AV	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0018/2031-TRNK/2031	HARVEY WY	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0364/1977-0365/1977	CANEHILL AV	367	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0131/1978-0132/1978	CARSON ST	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0056/2030-0057/2030	NIPOMO AV	397	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0198/1976-0199/1976	HEDDA ST	85	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0235/2030-TRNK/2030	PIONEER BV	55	IN SERVICE	GRAVITY	CAST IRON	2030	8	

0080/1923-0081/1923	DEEBOYAR AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0638/1923-0658/1923	C ST	284	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0288/1923-0498/1923	ARBOR ST	338	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0159/2031-0192/2031	PIONEER AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0332/1923-0333/1923	VERDURA AV	292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0069/1978-0070/1978	WOODRUFF AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0736/1977-0737/1977	IANITA ST	166	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0059/1923-0060/1923	SPARROW HILL LN	216	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0641/1923-0666/1923	HAZELBROOK AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0472/1923-0512/1923	CENTRALIA ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0104/2030-0105/2030	STILLMAN ST	201	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0311/2031-0312/2031	ELAINE AV	50	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0442/1977-0493/1977	FANWOOD AV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0308/1977-0329/1977	DUNROBIN AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0039/1924-0040/1924	GREENMEADOW RD	121	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0244/1978-0245/1978	LADOGA AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0349/1976-0409/1976	DUNROBIN AV	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0080/2031-0081/2031	STEVELY AV	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0734/1977-0009/2030	GLORYWHITE ST	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0330/1977-PVT/1978	EASTBROOK AV	20	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0212/1923-0213/1923	ECKLESON ST	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0664/1976-0665/1976	MAPLE LEAF ST	105	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0530/1977-0587/1977	RADNOR AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0536/1977-0537/1977	ALBURY AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0519/1977-0527/1977	RADNOR AV	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0114/1978-0115/1978	GREENMEADOW RD	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0223/2030-0224/2030	LOS COYOTES BV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0305/1922-0306/1922		321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0437/1923-0438/1923	CASTANA AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0167/2031-0168/2031	MASSINGER ST	181	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0381/1977-TRNK/1977	SOUTH ST	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0248/1977-0249/1977	OCANA AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0359/1923-0360/1923		159	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0756/1977-0757/1977	CANEHILL AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0642/1923-0643/1923	GRAYWOOD AV	223	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0012/1924-0013/1924	VANGOLD AV	364	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0506/1923-0513/1923	ELSA ST	171	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0157/2030-0158/2030	NECTAR AV	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0090/2030-0103/2030	LONGWORTH AV	195	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0578/1923-0579/1923	PEPPERWOOD AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0258/1922-0318/1922		345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0153/2031-0277/2031	ALLEY	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0257/1922-0258/1922	HEDDA ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0176/2084-TRNK/2084		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	10	
0665/1923-0666/1923	DEL AMO BV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	21	
0084/1923-0085/1923	VANGOLD AV	194	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	

0290/2030-0291/2030	PIONEER BV	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0588/1923-0299/1922	BLACKTHRONE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0092/1924-0093/1924	OBISPO AV	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	10	
0438/1923-0450/1923	CASTANA AV	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0665/1977-0684/1977	KNOXVILLE AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0397/2030-0428/2030	THORNLAKE AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0084/2031-0085/2031	CARSON ST	210	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0576/1977-0577/1977	ARBOR ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0796/1977-0818/1977	KNOXVILLE AV	380	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0289/1923-0290/1923	CENTRALIA ST	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0238/1923-0239/1923	PARAMOUNT BV	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0035/1978-0046/1978	SERBEN AV	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0496/1977-0497/1977	ECKLESON ST	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0322/1923-0323/1923	DOWNEY AV	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0164/2084-0165/2084		182	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0035/1977-0052/1977	LORELEI AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0079/1976-0080/1976	ASHWORTH ST	157	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0635/1923-0636/1923	HAZELBROOK AV	387	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0137/2084-0138/2084	DARTMOOR ST	211	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0009/2030-0010/2030	GLORYWHITE ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0076/1924-0077/1924	CONANT ST	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0130/1978-0131/1978	CARSON ST	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0206/1977-0207/1977	MONTAIR AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0354/1977-0355/1977	GONDAR AV	155	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0492/2031-0495/2031		68	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0190/1978-0191/1978	CARFAX AV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0414/1977-0417/1977	CARDALE ST	101	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0071/1978-0072/1978	WOODRUFF AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0233/1977-0234/1977	BRIERCREST AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0098/1924-0146/1924	VILLAGE RD	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0536/1976-0737/1976	WOODRUFF AV	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0091/1924-0153/1924	BROCK AV	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0417/1976-0418/1976	EASTBROOK AV	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0229/1978-0230/1978	JOSIE AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0202/2031-0208/2031	ALBURTIS AV	118	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0036/2031-0037/2031	NIPOMO AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0016/1978-0019/1978	BRIERCREST AV	187	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0222/1978-0223/1978	IROQUOIS AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0170/1976-0202/1976		348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0014/1924-0015/1924	VANGOLD AV	176	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0535/1977-0575/1977	ALBURY AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0720/1976-0721/1976	LA JARA ST	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0127/1978-0128/1978	SNOWDEN AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0160/2084-0161/2084		337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0840/1977-0117/1978	GONDAR AV	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0023/2084-0024/2084	214TH ST	232	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	

0049/2084-0050/2084	CLARETTA AV	60	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0534/1977-0535/1977	ALBURY AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0520/1977-0553/1977	MC NAB AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0415/1923-0416/1923	BARLIN AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0090/1922-0102/1922		340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0736/1923-0739/1923		248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0734/1923-0735/1923		72	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0440/1977-0441/1977	FANWOOD AV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0593/1923-0594/1923	HAZELBROOK AV	349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0076/1923-0077/1923	DEEBOYAR AV	354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0430/1923-0431/1923	HAYTER AV	359	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0066/1923-0067/1923	DEL AMO BV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0219/2030-0220/2030	ROSSFORD AV	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0114/1924-0149/1924	HARVEY WY	395	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0181/2031-0182/2031	ALBURTIS AV	94	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0103/1922-0104/1922		310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0078/2030-0436/2030	HENRILEE ST	90	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0393/2030-0410/2030	ALLEY	235	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0256/1923-0287/1923	ARBOR ST	338	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0833/1977-0225/1978	JOSIE AV	314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0812/1977-0045/2030	TURNERGROVE AV	192	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0590/1923-0591/1923	BLACKTHRONE AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0111/1922-0112/1922		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0404/1923-0405/1923	DEL AMO BV	59	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0803/1977-0804/1977	LADOGA AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0014/2083-0015/2083		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	12	
0298/1923-0299/1923	FAIRMAN ST	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0260/1978-0261/1978	CARSON ST	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0708/1923-0716/1923	VAN NOSTRAN DR	235	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0326/1922-0327/1922		290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0316/1977-0317/1977	OCANA AV	329	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0205/1977-0206/1977	MONTAIR AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0251/1977-0477/1977	HARDWICK ST	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0553/1977-0554/1977	MC NAB AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0065/2031-0066/2031	LOS COYOTES DIA	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0680/1977-0718/1977	IROQUOIS AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0007/1978-0008/1978	ADENMOOR AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0178/1924-CITY/1924	CONANT ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0619/1977-0620/1977	STEVELY AV	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0220/1978-0253/1978	IROQUOIS AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0293/1977-0321/1977	BRIERCREST AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0232/1977-0233/1977	BRIERCREST AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0243/1977-0244/1977	DUNROBIN AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0780/1977-0815/1977	HACKETT AV	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0651/1977-0652/1977	CARDALE ST	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0475/1923-0531/1923	COUNTRY CLUB DR	275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	

0497/1977-0726/1977	ECKLESON ST	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0015/1977-0049/1977	FIDLER AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0402/1976-0430/1976	COLDBROOK AV	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0122/1977-0123/1977	BELLFLOWER AV	371	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0582/1977-0583/1977	ELSA ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0701/1977-0709/1977	HARDWICK ST	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0169/2031-0170/2031	MASSINGER ST	234	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0154/1923-0155/1923	OBISPO AV	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0041/1978-0042/1978	OCANA AV	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0250/1922-0272/1922		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0253/2030-0315/2030	CLARKDALE AV	282	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0084/1976-0085/1976	ASHWORTH ST	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0672/1977-TRNK/1977	CARFAX AV	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0224/2031-0238/2031	CARSON ST	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0276/1923-0690/1923	HARDWICK ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0217/1922-0218/1922		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0303/2030-0304/2030	ALLEY	309	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0065/2030-0066/2030	SHADEWAY RD	133	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0149/2084-0150/2084	212TH ST	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0412/2030-0414/2030	HORST AV	119	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0002/2084-0004/2084	CENTRALIA ST	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0098/2030-0099/2030	VENDALE DR	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0221/1978-0222/1978	IROQUOIS AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0367/1976-0368/1976		68	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	12	
0052/2031-0053/2031	PETALUMA AV	200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0543/1976-0544/1976	FAUST AV	87	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0018/1977-0019/1977	PREMIERE AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0570/1923-0571/1923	LAKEWOOD BV	354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0474/1977-0475/1977	DENMEAD ST	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0224/1977-0225/1977	ADENMOOR AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0070/1977-0071/1977	PREMIERE AV	358	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0134/2031-0487/2031	215TH ST	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0138/1977-0139/1977	ADENMOOR AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0052/1978-0085/1978	LOMINA AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0078/1978-0118/1978	ELKPORT ST	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0729/1976-0730/1976	ARABELLA ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0764/1977-TRNK/1977	ARBOR ST	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0416/1977-0417/1977	CARDALE ST	131	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0083/1976-0084/1976	ASHWORTH ST	348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0037/2031-0038/2031	NIPOMO AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0154/1976-0200/1976		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0474/1923-0527/1923	BOUTON DR	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0110/1976-0111/1976		310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0143/1976-0144/1976		310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0053/1977-0187/1977	CANDLEWOOD ST	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0170/1976-0171/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	

0045/1978-0046/1978	TILBURY ST	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0084/1978-0120/1978	GREENTOP ST	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0358/1977-0397/1977	CANDOR ST	175	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0252/1922-0253/1922	HEDDA ST	172	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0189/1923-0190/1923	HARDWICK ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0027/1923-0028/1923	DEEBOYAR AV	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0008/2030-0019/2030	EBERLE ST	204	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0527/1923-0528/1923	BOUTON DR	439	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0260/1923-0261/1923	LEVELSIDE AV	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0448/1923-0691/1923	DEL AMO BV	179	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0051/2083-0052/2083	207TH ST	129	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0443/1977-0444/1977	FAUST AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0182/1978-0183/1978	CANEHILL AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0459/1977-0466/1977	YEARLING ST	183	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0376/1977-0377/1977	SOUTH ST	162	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0240/1923-0241/1923	PARAMOUNT BV	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0103/2030-0104/2030	LONGWORTH AV	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0247/1923-0291/1923	CENTRALIA ST	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0098/2083-0105/2083	WILDER AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0015/1978-0016/1978	BRIERCREST AV	187	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0033/1924-0042/1924	MAYBANK AV	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0302/1923-0303/1923	ELKPORT ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0340/1923-0341/1923	HAYTER AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0107/1922-0108/1922		352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0006/2084-0007/2084	CENTRALIA ST	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0431/1977-0432/1977	WOODRUFF AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0507/1923-0676/1923	ELSA ST	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0333/1923-0334/1923	VERDURA AV	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0098/1923-0099/1923	MAYBANK AV	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0654/1923-0669/1923	FACULTY AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0270/1923-0271/1923	DEERFORD ST	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0235/1923-0236/1923	PARAMOUNT BV	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0073/2030-0074/2030	CENTRALIA ST	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0064/2030-0065/2030	SHADEWAY RD	181	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0092/1977-0669/1923	DEL AMO BV	449	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	21	
0025/2083-0026/2083	HAWAIIAN AV	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0535/1923-0600/1923	MICHELSON ST	93	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0183/1924-0184/1924	PARKVIEW DR	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0652/1923-0736/1923		360	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0155/2031-0156/2031	CENTRALIA AV	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0616/1977-0617/1977	KNOXVILLE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0414/1977-0842/1977	EASTBROOK AV	201	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0246/1977-0265/1977	DUNROBIN AV	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0335/1923-0360/1923	COKE AV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0239/1923-0240/1923	PARAMOUNT BV	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0502/1923-0503/1923	ARBOR ST	329	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	

0008/2031-0009/2031	JOHANNA AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0156/1924-0157/1924	PARAMOUNT BV	75	IN SERVICE	SIPHON	CAST IRON	1924	10	
0093/1978-0094/1978	HARVEY WY	366	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0098/1978-0248/1978	HARVEY WY	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0109/2031-0136/2031	NECTAR AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0646/1976-0647/1976	CANEHILL AV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0514/1977-0515/1977	DEL AMO BV	68	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0602/1977-0646/1977	CANDOR ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0201/2031-0207/2031	SEELEY PL	77	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0075/1977-0076/1977	PEARCE AV	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0311/1977-0324/1977	EASTBROOK AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0028/1977-0051/1977	PEARCE AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0165/1977-0194/1977	DUNROBIN AV	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0060/1924-0062/1924		330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0146/1976-0147/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0554/1923-0555/1923	ALLEY	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0090/1977-0091/1977	HERSHOLT AV	361	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0096/2031-0125/2031	213TH ST	146	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0643/1976-0644/1976	CANEHILL AV	176	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0254/1977-0255/1977	EBERLE ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0125/2030-0126/2030	ELVINS ST	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0437/1977-0498/1977	ALLEY	176	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0480/1923-0481/1923	OLIVA AV	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0503/1977-0504/1977	SILVA ST	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0539/1923-0582/1923	PEPPERWOOD AV	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0472/1923-0503/1923	HAYTER AV	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0722/1976-0723/1976	HEDDA ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0791/1977-0792/1977	JOSIE AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0075/1976-0076/1976		283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0090/1922-0091/1922	HEDDA ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0068/2030-0080/2030	SEABORN ST	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0082/1922-0083/1922	ASHWORTH ST	155	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0236/1923-0237/1923	PARAMOUNT BV	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0266/2030-WEST/2030	207TH ST	93	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0169/2031-0179/2031	DALAMAN AV	167	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0113/1976-0190/1976	HEDDA ST	68	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0508/1923-0509/1923	CENTRALIA ST	347	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0330/1922-0331/1922		321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0010/2084-0151/2084	CLARETTA AV	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	15	
0430/2030-0431/2030	BELSHIRE AV L	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0069/1923-0070/1923	DEL AMO BV	235	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0227/2030-0228/2030	VILLAGE GREEN DR	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0419/2030-0420/2030	NORWALK BV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0547/1976-0549/1976		151	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0112/2031-0175/2030	ROSETON AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0023/1923-0024/1923	MEADOW WOOD AV	251	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	

0104/2031-0105/2031	NECTAR AV	243	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0044/2030-0063/2030	SHADEWAY RD	188	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0826/1977-0827/1977	SEABORN ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0111/1924-0112/1924	CLUBHOUSE DR	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0206/1978-0207/1978	PALO VERDE AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0740/1977-0741/1977	NIXON ST	159	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0161/1924-0175/1924		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0203/2031-0204/2031	214TH ST	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0441/1976-0442/1976	ROCKET ST	181	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0202/1978-0203/1978	PALO VERDE AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0216/1978-0260/1978	HACKETT AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0071/1924-0072/1924		125	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0049/1924-0050/1924	PIXIE AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	10	
0097/1978-0098/1978	HARVEY WY	253	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0186/1977-0416/1977	CARDALE ST	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0116/1924-0140/1924	WARWOOD RD	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0752/1977-0758/1977	CARFAX AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0133/2030-0147/2030	206TH ST	178	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0035/2030-0036/2030	SHADEWAY RD	212	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0203/1923-0204/1923	YEARLING ST	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0455/1977-0456/1977		114	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0063/1978-0064/1978	RADNOR AV	36	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0355/1977-0356/1977	GONDAR AV	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0237/1977-0290/1977	BRIERCREST AV	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0157/1924-0158/1924	PARAMOUNT BV	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	12	
0209/2030-0210/2030	JERSEY AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0629/1976-0630/1976	FANWOOD AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0453/1923-0454/1923	DEL AMO BV	265	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0097/1922-0098/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0036/1923-0066/1923	DEL AMO BV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0410/1923-0411/1923	VERDURA AV	357	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0525/1977-0586/1977	LOMINA AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0245/1923-0246/1923	OBISPO AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0048/2031-0049/2031	PETALUMA AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0348/1923-0349/1923	CASTANA AV	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0032/2083-0033/2083	VERNE AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0043/1923-0044/1923	DASHWOOD ST	227	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0256/1923-0257/1923	LEVELSIDE AV	176	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0613/1977-0614/1977	JOSIE AV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0080/1976-0086/1976	ASHWORTH ST	32	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0295/1922-0296/1922		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0081/2083-0082/2083		93	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0620/1923-0621/1923	LAKEWOOD BV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0111/2083-0112/2083		50	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0056/2083-0061/2083	RENVILLE ST	185	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0755/1977-0756/1977	CANEHILL AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0059/1977-0060/1977	CLARK AV	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0083/1923-0114/1923	GREENTOP ST	285	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0196/1924-0212/1924	BOUTON DR	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0132/1924-0133/1924	HARVEY WY	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0652/1923-0740/1923	FACULTY AV	142	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0138/1923-0141/1923	PARAMOUNT BV	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0806/1977-0807/1977		351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0169/2030-0170/2030	ROSETON AV	370	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0248/2030-0249/2030	205TH ST	209	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0027/1978-0028/1978	CHATWIN AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0711/1977-0712/1977	YEARLING ST	69	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0725/1977-0006/2030	YEARLING ST	196	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0478/1977-0479/1977	HARDWICK ST	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0021/1923-0022/1923	MEADOW WOOD AV	233	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0201/1924-0202/1924	LAKEWOOD DR	111	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0272/1923-0273/1923	LOOMIS ST	341	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0033/1924-0034/1924	MAYBANK AV	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0655/1976-0657/1976	SPAHN AV	186	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0708/1977-0709/1977	HARDWICK ST	77	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0110/1978-0179/1978	FRECKLES RD	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0076/1978-0077/1978	ELKPORT ST	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0133/1923-0169/1923	DANELAND ST	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0087/1923-0088/1923	VANGOLD AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0219/1924-0220/1924	FLEET HAVEN RD	196	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0589/1977-0590/1977	HENRILEE ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0198/1924-0199/1924		282	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0493/1977-0494/1977	ECKLESON ST	243	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0052/2030-0053/2030	MONOGRAM AV	335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0193/1924-0194/1924	COUNTRY CLUB DR	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0683/1923-0684/1923	LAKEWOOD BV	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0284/1923-0285/1923	ARBOR ST	365	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0768/1977-0827/1977	SEABORN ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0111/1977-0112/1977	MONTAIR AV	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0491/1977-0492/1977	ECKLESON ST	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0043/2030-0044/2030	NIXON ST	294	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0013/2084-0087/2083		242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0008/2084-0030/2083	HAWAIIAN AV	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0260/1977-0261/1977	DEL AMO BV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0501/1977-0502/1977	SILVA ST	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0123/1978-0124/1978	MC NAB AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0204/1923-0205/1923	YEARLING ST	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0786/1977-0787/1977	IROQUOIS AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0124/1978-0125/1978	MC NAB AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0831/1977-0832/1977	CENTRALIA ST	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0134/1923-0135/1923	CANDLEWOOD ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0129/2031-0130/2031	214TH ST	348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	

0026/1923-0027/1923	DEEBOYAR AV	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0253/1977-0481/1977	YEARLING ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0022/1977-0068/1977	PREMIERE AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0220/1922-0221/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0120/1922-0121/1922	ALLEY	208	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0047/1977-TRNK/1977	CANDLEWOOD ST	133	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0303/1977-0304/1977	DUNROBIN AV	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0154/1977-0155/1977	COLDBROOK AV	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0313/1977-0314/1977	EASTBROOK AV	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0411/1923-0443/1923	VERDURA AV	357	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0131/2031-0132/2031	214TH ST	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0328/1923-0329/1923	DOWNEY AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0251/1978-0252/1978	HARVEY WY	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0452/1977-0484/1977	YEARLING ST	253	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0603/1976-0604/1976	IBBETSON AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0244/1923-0245/1923	OBISPO AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0078/1924-0079/1924	PARAMOUNT BV	364	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0693/1923-0694/1923		189	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0107/1923-0108/1923	LOOMIS ST	127	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0232/1923-0233/1923	DEL AMO BV	349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0687/1923-0688/1923	LAKEWOOD BV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0718/1977-0719/1977	EBERLE AV	232	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0095/2030-0100/2030	TANGENT LN	261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0090/1924-0148/1924	GREENMEADOW RD	275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0093/1978-0099/1978	WOODRUFF AV	118	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0371/1923-0372/1923	CAMERINO ST	220	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0230/1924-0164/1924		94	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0687/1977-0734/1977	GLORYWHITE ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0337/1923-0365/1923	CANDOR ST	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0250/1923-0251/1923	OBISPO AV	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0105/2031-0106/2031	NECTAR AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0130/1923-0137/1923	CANDLEWOOD ST	52	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0024/1977-0025/1977	PEARCE AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0249/1977-0251/1977	OCANA AV	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0401/1976-0439/1976		152	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0135/1924-0136/1924	WARWOOD RD	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0585/1977-0822/1977	TANGLEWOOD ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0197/2031-0214/2031	216TH ST	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0475/1977-0476/1977	DENMEAD ST	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0054/1978-0055/1978	LOMINA AV	287	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0592/1977-0826/1977	SEABORN ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0074/1978-0075/1978	FAIRMAN ST	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0320/1977-0321/1977	ARBOR ST	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0417/2030-0418/2030	NORWALK BV	72	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0088/2030-0098/2030	VENDALE DR	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0125/1977-0126/1977	BELLFLOWER AV	235	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0086/1922-0093/1922		325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0151/1923-0152/1923	OBISPO AV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0677/1977-0678/1977	PALO VERDE AV	159	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0090/1922-0103/1922		315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0694/1977-0695/1977	DASHWOOD ST	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0086/1923-0087/1923	VANGOLD AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0164/1923-0196/1923	KLONDIKE AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0725/1923-0726/1923	CHAMBERS CT	145	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0668/1923-0669/1923	DEL AMO BV	440	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	21	
0058/2030-0059/2030	OSTROM AV	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0285/1923-0286/1923	ARBOR ST	365	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0035/1923-0036/1923	DEEBOYAR AV	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0111/2030-0112/2030	LEMMING ST	195	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0092/1924-0251/1923	OBISPO AV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0112/1923-0113/1923	FRANKEL ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0457/1923-0468/1923	HAYTER AV	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0114/1924-0115/1924	CLUBHOUSE DR	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0653/1977-0001/2030	CARDALE ST	149	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0170/1923-0171/1923	DANELAND ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0610/1977-0641/1977	IROQUOIS AV	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0459/1977-0465/1977	YEARLING ST	225	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0680/1977-0702/1977	IROQUOIS AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0614/1977-0660/1977	JOSIE AV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0055/1924-0056/1924	BIXBY RD	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0020/1924-0021/1924	PIXIE AV	371	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0217/1924-0218/1924	FLEET HAVEN RD	220	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0075/1978-0117/1978	FAIRMAN ST	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0219/1978-0220/1978	IROQUOIS AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0133/1978-0134/1978	CARSON ST	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0045/1924-0150/1924	CARSON ST	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0407/1976-0408/1976		338	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0765/1977-0821/1977	ELSA ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0242/1977-0250/1977	HARDWICK ST	253	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0579/1977-0580/1977	ARBOR ST	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0228/1977-0229/1977	ADENMOOR AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0438/1977-0508/1977	ALLEY	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0126/1977-0127/1977	BELLFLOWER AV	44	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0429/1923-0430/1923	HAYTER AV	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0126/1923-0127/1923	CANDLEWOOD ST	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0229/1923-0262/1923	ALLEY	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0594/1923-0595/1923	HAZELBROOK AV	453	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0696/1923-0697/1923		125	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0075/1923-0076/1923	DEEBOYAR AV	354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0208/1977-0209/1977	MONTAIR AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0340/1976-0341/1976	ASHWORTH ST	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0047/1923-0048/1923	DENMEAD ST	225	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	

0642/1977-0643/1977	MICHELSON ST	309	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0805/1977-0835/1977	LADOGA AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0454/1923-0455/1923	DEL AMO BV	265	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0816/1977-0817/1977	ARBOR ST	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0077/2030-0078/2030	HENRILEE ST	93	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0132/1976-0192/1976	ALLEY	348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0174/2030-0175/2030	ROSETON AV	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0274/2030-0275/2030	WALCROFT ST	148	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0251/1922-0252/1922	HEDDA ST	189	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0093/1922-0094/1922		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0197/1923-0390/1923	HARDWICK ST	223	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0698/1923-0699/1923	ELDERHALL AV	17	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0032/1923-0144/1923	YEARLING ST	378	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0170/2030-0171/2030	ROSETON AV	341	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0118/2031-0119/2031	212TH ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0725/1977-0008/2030	EBERLE ST	360	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0249/1977-0474/1977	DENMEAD ST	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0273/1923-0274/1923	LOOMIS ST	341	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0038/1924-0081/1924	WARWOOD RD	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0680/1923-0689/1923	CENTRALIA ST	154	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0666/1923-0667/1923	DEL AMO BV	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	21	
0052/1924-0158/1924		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	12	
0397/1977-0398/1977	CANDOR ST	175	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0540/1977-0541/1977	WOODRUFF AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0085/1976-0335/1976	ASHWORTH ST	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0038/2084-0039/2084	215TH ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0665/1976-0666/1976	SNOWDEN AV	348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0039/1978-0047/1978	SAN ANSELIN AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0283/1977-0284/1977	ADENMOOR AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0666/1976-0667/1976	SNOWDEN AV	106	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10	
0133/1923-0134/1923	CANDLEWOOD ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0386/1977-0387/1977	ALLEY	173	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0324/1922-0325/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0540/1923-0587/1923	BONFAIR AV	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0097/2030-0180/2030	HARVEST AV	176	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0293/1923-0294/1923	CENTRALIA ST	347	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0320/2030-0321/2030	SEINE AV	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0171/1977-0172/1977	EASTBROOK AV	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0119/1978-0120/1978	GONDAR AV	251	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0621/1976-0622/1976	WOODRUFF AV	321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0751/1977-0755/1977	CANEHILL AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0287/1977-0320/1977	ADENMOOR AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0354/1977-0386/1977	ALLEY	173	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0141/1977-0224/1977	ADENMOOR AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0308/2030-0309/2030	ARLINE AV	137	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0817/1977-0818/1977	ARBOR ST	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0316/2030-0317/2030	VIOLETA AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0117/2083-0119/2083	WILKES WY	165	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0417/2030-TRNK/2030	NORWALK BV	177	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0312/1922-0313/1922		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0554/1977-0555/1977	MC NAB AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0768/1977-0829/1977	CONQUISTA AV	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0088/1978-0089/1978	HARVEY WY	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0628/1976-0629/1976	FANWOOD AV	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0764/1977-0814/1977	ARBOR ST	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0617/1976-0618/1976	WOODRUFF AV	93	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0207/1978-0208/1978	PALO VERDE AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0283/2030-0284/2030	JERSEY AV	175	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0815/1977-0816/1977	ARBOR ST	265	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0105/2083-0106/2083	WILDER AV	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0150/1977-0151/1977	COLDBROOK AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0115/1976-0116/1976		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0404/1977-0405/1977		104	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0131/2030-0132/2030	205TH ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0468/1923-0469/1923	HAYTER AV	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0213/1923-0394/1923	ECKLESON ST	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0127/1977-0128/1977	BELLFLOWER AV	363	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0231/1978-0262/1978	JOSIE AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0574/1977-0575/1977	ARBOR ST	251	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0010/2031-0011/2031	JOHANNA AV	292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0082/2031-0083/2031	CARSON ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0270/1922-0271/1922		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0282/2031-0070/2030	BELSHIRE AV	371	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0211/1924-0222/1924	FAIRMAN ST	106	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0378/2030-0402/2030	DELVIN AV	136	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0154/1923-0188/1923	DENMEAD ST	101	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0601/1923-0602/1923	GRAYWOOD AV	314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0332/1923-0361/1923	MICHELSON ST	386	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0539/1923-0540/1923	CAMERINO ST	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0544/1923-0605/1923	FACULTY AV	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0064/1923-0065/1923	SILVA ST	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0316/1923-0317/1923	DOWNEY AV	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0056/1977-0057/1977	CLARK AV	103	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0031/1977-0032/1977	LORELEI AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0407/1977-0408/1977	CAMERINO ST	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0051/2084-0052/2084	TILBURY ST	169	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0088/1976-0145/1976		292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0267/1977-0507/1977	DEL AMO BV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0195/2031-0209/2031	215TH ST	166	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	10	
0533/1976-0534/1976	WOODRUFF AV	148	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0750/1977-TRNK/1977	DEL AMO BV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0087/1976-0736/1976		46	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	

0245/1977-0246/1977	DUNROBIN AV	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0296/1977-0297/1977	COLDBROOK AV	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0022/1924-0039/1924	PIXIE AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0419/1976-0420/1976		356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0210/2031-0211/2031	215TH ST	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0169/1977-0371/1977	SOUTH ST	253	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0035/2084-0036/2084	WARDHAM AV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0035/2084-0038/2084	215TH ST	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0829/1977-TRNK/1977	CENTRALIA ST	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0460/1923-0461/1923	DOWNEY AV	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0112/1976-0113/1976		322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0223/1923-0224/1923	DEL AMO BV	352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0014/2031-0050/2031	PETALUMA AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0237/1923-0238/1923	PARAMOUNT BV	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0166/2031-0167/2031	MASSINGER ST	138	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0017/1978-0018/1978	HARVEY WY	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0022/1923-0056/1923	LARK BAY LN	221	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0547/1923-0548/1923	CANDLEWOOD ST	200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0025/2030-0033/2030	PETALUMA AV	208	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0085/1924-0086/1924	PARAMOUNT BV	129	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0039/2084-0041/2084	215TH ST	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0185/1923-0186/1923	DENMEAD ST	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0384/2030-0408/2030	IBEX AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0250/1922-0271/1922		320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0150/2031-0304/2030	ALLEY	208	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	12	
0097/1977-0098/1977	DEL AMO BV	285	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0192/1978-0193/1978	CARFAX AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0104/1923-0107/1923	LOOMIS ST	168	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0206/1923-0207/1923	ECKLESON ST	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0366/1976-0367/1976		310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	12	
0016/2031-0061/2031	QUIGLEY AV	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0660/1977-0661/1977	CANDLEWOOD ST	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0676/1977-0749/1977	TURNERGROVE DR	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0481/1977-0482/1977	YEARLING ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0042/1977-0053/1977	HERSHOLT AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0230/1977-0231/1977	BRIERCREST AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0242/1977-0243/1977	DUNROBIN AV	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0130/2031-0131/2031	214TH ST	348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0336/1977-0626/1976	WOODRUFF AV	115	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0663/1977-0664/1977	CANDLEWOOD ST	227	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0107/1978-0178/1978	WARWOOD RD	333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0569/1923-0570/1923	LAKEWOOD BV	354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0123/1924-0124/1924	FAIRWAY DR	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0084/2083-0085/2083	WALCROFT ST	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0155/1924-0230/1924		67	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	12	
0041/2031-0042/2031	OSTROM AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	

0578/1977-0579/1977	ARBOR ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0044/1924-0045/1924	CARSON ST	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0183/2031-0184/2031	ROCKWALL ST	229	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0163/1923-0164/1923	KLONDIKE AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0268/2030-0287/2030	208TH ST	333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0146/2084-0148/2084	VERNE AV	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0256/1922-0303/1922		335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0391/1923-0398/1923	DOWNEY AV	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0114/1923-0115/1923	GREENTOP ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0312/2031-TRNK/2031	ELAINE AV	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0091/2031-0092/2031	LONGWORTH AV	190	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0007/2084-0008/2084	CENTRALIA ST	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0122/2030-0123/2030	ELVINS ST	179	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0392/2030-0393/2030	208TH ST	129	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0152/2030-0157/2030	WALCROFT ST	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0226/2030-0227/2030	VILLAGE GREEN DR	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0435/2030-TRNK/2030	DEL AMO BV	83	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0089/1976-0118/1976	SUNFIELD AV	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0301/1923-0302/1923	ELKPORT ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0394/2030-0395/2030		261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0082/1923-0083/1923	DEEBOYAR AV	189	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0014/1923-0015/1923	ELDERHALL AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0165/1977-0185/1977	CARDALE ST	261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0410/1976-0429/1976	DUNROBIN AV	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0799/1977-0800/1977	KNOXVILLE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0604/1977-0605/1977	KIRTLAND AV	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0160/1923-0161/1923	LEVELSIDE AV	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0243/1923-0271/1923	DEERFORD ST	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0549/1976-0636/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0063/1977-0064/1977	FIDLER AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0170/1924-0171/1924		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0167/1924-0168/1924		257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0555/1977-0580/1977	MC NAB AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0753/1977-0761/1977	CONQUISTA AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0155/1976-0200/1976		348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0266/1977-0267/1977	DEL AMO BV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0369/1977-0370/1977	CHARLESWOOD ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0506/1977-0727/1977	SILVA ST	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0453/1977-0454/1977	TURNERGROVE DR	196	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0357/1977-0395/1977	MICHELSON ST	174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0143/1923-0144/1923	PARAMOUNT BV	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0132/1923-0383/1923	CANDLEWOOD ST	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0244/1923-0275/1923	LOOMIS ST	341	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0204/1977-0258/1977	AUTRY AV	177	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0341/1923-0342/1923	HAYTER AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0017/2084-0019/2084	WILDER AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	

0098/1922-0099/1922		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0748/1977-0749/1977	DEL AMO BV	309	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0203/1977-0210/1977	MONTAIR AV	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0790/1977-0817/1977	JOSIE AV	352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0308/1922-0309/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0473/1923-0521/1923	FAIRMAN ST	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0599/1923-0600/1923	GRAYWOOD AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0206/2030-0210/2030	STANGATE ST	113	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0432/1923-0448/1923	HAYTER AV	381	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0433/2030-0434/2030	BELSHIRE AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0153/1923-0183/1923	DASHWOOD ST	106	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0114/1922-0115/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0065/2083-0066/2083	208TH ST	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0057/1923-0058/1923	TERN BAY LN	218	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0006/2031-0007/2031	PAULA ST	194	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0684/1977-0695/1977	KNOXVILLE AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0091/1922-0092/1922	HEDDA ST	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0199/1923-0200/1923	YEARLING ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0348/1976-0402/1976	COLDBROOK AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0259/1978-TRNK/1978	CARSON ST	56	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0699/1977-0700/1977	DENMEAD ST	128	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0185/1977-0186/1977	CARDALE ST	261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0465/1923-0466/1923	COKE AV	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0209/1923-0210/1923	ECKLESON ST	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0250/1922-0251/1922	HEDDA ST	128	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0100/1922-0101/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0046/2084-0052/2084		230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0395/1976-0427/1976	BRIERCREST AV	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0022/1978-0023/1978	RAVIA ST	196	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0272/1922-0273/1922		254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0336/1923-0337/1923	COKE AV	200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0573/1923-0574/1923	LAKEWOOD BV	127	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0156/2030-0157/2030	NECTAR AV	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0054/1923-0143/1923	HARDWICK ST	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0225/1978-0232/1978	FAIRMAN ST	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0163/2030-0164/2030	ROSETON AV	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0189/1978-0249/1978	CARFAX AV	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0227/1978-0254/1978	JOSIE AV	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0122/2030-0127/2030	RENVILLE ST	137	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0081/1923-0082/1923	DEEBOYAR AV	189	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0357/1923-0358/1923	ALLEY	380	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0519/1923-0520/1923	FAIRMAN ST	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0433/1923-0434/1923	OLIVA AV	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0090/1924-0091/1924	BROCK AV	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0068/1978-0088/1978	ALBURY AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0436/1977-0437/1977	WOODRUFF AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0731/1976-0732/1976	CARFAX AV	139	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0519/1976-0601/1976	IBBETSON AV	208	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0077/1977-0078/1977	PEARCE AV	361	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0252/1978-0253/1978	HARVEY WY	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0761/1977-0762/1977	CONQUISTA AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0675/1977-0676/1977	TURNERGROVE DR	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0594/1977-0828/1977	CENTRALIA ST	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0462/1977-0463/1977	CHESTEROAK DR	68	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0025/1924-0026/1924	NELSONBARK AV	142	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0421/1976-0422/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0095/2083-0096/2083	STILLMAN ST	210	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0127/1977-0134/1977	ALLEY	371	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0538/1977-0539/1977	ALLEY	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0132/1977-0190/1977	BELLFLOWER AV	285	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0115/2030-TRNK/2030	WALCROFT ST	69	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0749/1977-0750/1977	DEL AMO BV	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0256/1922-0302/1922		345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0001/1924-0002/1924	FLANGEL AV	196	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0574/1923-0575/1923	LAKEWOOD BV	143	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0630/1977-0631/1977	WOLFE ST	201	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0401/1923-0402/1923	DOWNEY AV	164	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0055/2030-0056/2030	NIPOMO AV	397	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0125/1923-0317/1923	WOLFE ST	200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0394/1923-0401/1923	DOWNEY AV	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0225/2030-0226/2030	VILLAGE GREEN DR	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0143/2030-0144/2030	SYLVANWOOD AV	188	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0445/1923-0446/1923	DEL AMO BV	204	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0016/1924-0017/1924	PIXIE AV	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0337/1923-0338/1923	COKE AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0093/1924-0094/1924	OBISPO AV	284	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	10	
0127/1923-0128/1923	CANDLEWOOD ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0194/1978-0829/1977	CONQUISTA AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0240/1978-0263/1978	KNOXVILLE AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0176/1976-0177/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0180/1978-0192/1978	VILLAGE RD	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0524/1976-0525/1976		128	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0801/1977-0819/1977	LADOGA AV	165	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0030/2084-0031/2084	BLOOMFIELD AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0413/1976-0414/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0338/1977-0373/1977	SOUTH ST	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0099/1978-0100/1978	ALLEY	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0539/1977-0540/1977	WOODRUFF AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0824/1977-0825/1977	HENRILEE ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0332/1977-0333/1977		192	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0030/2084-0034/2084	215TH ST	232	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0023/2031-0068/2031	LOS COYOTES DIA	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	

0414/1976-0415/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0131/1977-0132/1977	BELLFLOWER AV	357	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0350/1976-0417/1976	EASTBROOK AV	284	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0518/1923-0519/1923	FAIRMAN ST	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0518/1976-0526/1976	ASHWORTH ST	200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0769/1977-0770/1977	PALO VERDE AV	341	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0159/1977-0176/1977	MC AULEY ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0013/1977-0014/1977	FIDLER AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0216/2031-0217/2031	ROSETON AV	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0134/2031-0135/2031	215TH ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0096/2031-0097/2031	LONGWORTH AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0245/1922-0292/1922		319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0085/1922-0213/1922	ASHWORTH ST	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0117/2031-0118/2031	212TH ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0156/1977-0193/1977	COLDBROOK AV	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0040/2031-0041/2031	OSTROM AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0023/1923-0058/1923	TERN BAY LN	218	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0278/1923-0279/1923	SANDWOOD ST	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0172/2031-0191/2031	MASSINGER ST	136	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0214/1924-0215/1924	FLEET HAVEN RD	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0324/2030-WEST/2030	209TH ST	135	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0049/1978-0050/1978	LOMINA AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0019/1923-0044/1923	DASHWOOD ST	227	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0089/1922-0090/1922	HEDDA ST	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0615/1977-0616/1977	KNOXVILLE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0626/1923-0627/1923	PEPPERWOOD AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0405/1923-0452/1923	DEL AMO BV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0599/1977-0600/1977	HACKETT AV	87	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0139/1923-0159/1923	LEVELSIDE AV	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0160/1977-0161/1977	DUNROBIN AV	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0215/2031-0216/2031	ROSETON AV	225	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0085/1922-0107/1922		335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0416/1923-0417/1923	BARLIN AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0057/2030-0072/2030	NIPOMO AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0009/1924-0010/1924	FLANGEL AV	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0603/1923-0604/1923	FACULTY AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0036/2030-0037/2030	SHADEWAY RD	206	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0075/1923-0101/1923	ALLRED ST	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0258/1923-0259/1923	LEVELSIDE AV	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0030/2031-0031/2031	MONOGRAM AV	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0062/1924-0068/1924		318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	10	
0244/2030-0283/2030	RENVILLE ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0302/1977-0303/1977	DUNROBIN AV	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0296/1923-0297/1923	FAIRMAN ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0717/1977-0718/1977	EBERLE AV	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0266/2030-0321/2030	207TH ST	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	

0137/1977-0138/1977	ADENMOOR AV	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0163/2031-0198/2031	VIOLETA AV	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0011/1924-0012/1924	VANGOLD AV	136	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0040/2030-0046/2030	ARBOR RD	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0056/1977-TRNK/1977	CLARK AV	56	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0258/2030-0285/2030	206TH ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0788/1977-0832/1977	IROQUOIS AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0709/1923-0710/1923	RYAN AV	230	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0606/1923-0332/1922	PENNSWOOD AV	285	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0260/2030-0308/2030	206TH ST	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0053/1978-0054/1978	LOMINA AV	287	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0356/1923-0374/1923	OLIVA AV	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0077/2083-TRNK/2083	BLOOMFIELD AV	44	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0121/1922-0267/1922	ALLEY	365	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0255/2030-0401/2030	205TH ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0034/2084-0035/2084	215TH ST	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0206/1924-0221/1924	ANN ARBOR RD	118	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0095/1923-0096/1923	MAYBANK AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0532/1977-0533/1977	ALBURY AV	120	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0195/1977-0196/1977	CANDLEWOOD ST	162	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0117/1977-0118/1977	ALLEY	379	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0201/1978-0202/1978	PALO VERDE AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0834/1977-0835/1977	CENTRALIA ST	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0474/1923-0475/1923	HAYTER AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0292/1977-0321/1977	BRIERCREST AV	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0426/1976-0427/1976	ALLINGTON ST	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0191/1978-0192/1978	CARFAX AV	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0288/1977-0289/1977	ADENMOOR AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0350/1977-0369/1977	CHARLESWOOD ST	119	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0009/1978-0010/1978	ADENMOOR AV	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0464/1977-0465/1977	CHESTEROAK DR	155	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0298/1977-0322/1977	COLDBROOK AV	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0046/1924-0047/1924		150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0632/1977-0633/1977	BIGELOW ST	201	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0169/1924-0170/1924		307	IN SERVICE	GRAVITY	DUCTILE IRON PIPE	1924	8	
0107/1977-0187/1977	AUTRY AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0535/1923-0536/1923	MICHELSON ST	161	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0028/2030-0037/2030	CLEMATIS WY	165	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0571/1923-0572/1923	LAKEWOOD BV	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0364/1923-0365/1923	CANDOR ST	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0211/1977-0212/1977	BELLFLOWER AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0312/1923-0313/1923	FAIRWAY DR	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0406/2030-0407/2030	ELAINE AV	282	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0623/1923-0624/1923	LAKEWOOD BV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0722/1923-0723/1923	ESQUIVEL AV	350	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0538/1923-0567/1923	CAMERINO ST	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	

0162/1976-0163/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0149/1976-0150/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0212/1977-0213/1977	BELLFLOWER AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0059/1978-0087/1978	RADNOR AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0105/1977-0106/1977	AUTRY AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0299/1977-0300/1977	COLDBROOK AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0136/1976-0197/1976		348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0267/1923-0268/1923	DEERFORD ST	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0024/2030-0032/2030	OSTROM AV	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0001/1923-TRNK/1923		117	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0377/1976-0425/1976	ALLINGTON ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0473/1923-0522/1923	FAIRMAN ST	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0208/1978-0259/1978	PALO VERDE AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0314/1977-0330/1977	EASTBROOK AV	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0558/1923-0559/1923	PIMENTA AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0583/1923-0584/1923	BONFAIR AV	349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0218/1977-0219/1977	BELLFLOWER AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0177/2030-0178/2030	CHADWELL ST	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0434/1977-0435/1977	WOODRUFF AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0544/1923-0545/1923	CAMERINO ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0263/2030-0286/2030	207TH ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0145/2030-0146/2030	SYLVANWOOD AV	130	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0523/1923-0524/1923	FAIRMAN ST	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0225/1978-0226/1978	JOSIE AV	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0217/2030-0218/2030	CORBY AV	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0029/1924-0030/1924	MAYBANK AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0056/1978-0057/1978	RADNOR AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0339/1977-0340/1977	WOODRUFF AV	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0162/1976-0201/1976		348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0067/1978-0068/1978	ALBURY AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0063/2031-0064/2031	QUIGLEY AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0647/1976-0729/1976	ARABELLA ST	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0377/1976-0378/1976	BELLFLOWER BV	229	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0646/1976-0724/1976	HUNGERFORD ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10	
0435/1976-0436/1976	ROCKET ST	124	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10	
0095/1977-0096/1977	DEL AMO BV	139	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0439/1976-0440/1976	ROCKET ST	221	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0033/2084-0034/2084	DARTMOOR AV	233	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0673/1977-0674/1977	TURNERGROVE DR	204	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0115/2031-0116/2031	211TH ST	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0727/1976-0728/1976	BALFERN AV	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0504/1977-0505/1977	SILVA ST	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0142/2084-0143/2084	212TH ST	253	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0403/1976-0428/1976	COLDBROOK AV	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0556/1923-0557/1923	PIMENTA AV	220	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0020/2031-0021/2031	MC MANUS ST	243	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	

0269/1977-0302/1977	DUNROBIN AV	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0719/1923-0720/1923	WAGNER AV	348	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0192/2031-0193/2031	PIONEER AV	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0072/2031-0073/2031	STEVELY AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0123/2030-0124/2030	ELVINS ST	251	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0719/1977-0720/1977	EBERLE AV	76	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0310/2030-0311/2030	ARLINE AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0276/1923-0421/1923	MINTURN AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0147/1923-0148/1923	PARAMOUNT BV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0409/1923-0410/1923	VERDURA AV	357	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0225/1924-0226/1924	ALLEY	130	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0066/1977-0067/1977	FIDLER AV	370	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0450/1977-0480/1977	HARDWICK ST	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0557/1977-0558/1977	SNOWDEN AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0174/2031-0175/2031	HASTON PL	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0008/1978-0009/1978	ADENMOOR AV	227	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0083/1978-0084/1978	GREENTOP ST	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0016/2031-0060/2031	QUIGLEY AV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0090/1978-0091/1978	HARVEY WY	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0524/1977-0573/1977	LOMINA AV	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0043/1978-0284/1978		124	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0312/1977-0331/1977	TANGLEWOOD ST	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0456/1923-0457/1923	DEL AMO BV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0110/2030-0111/2030	LEMMING ST	195	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0277/2031-0311/2031	ALLEY	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0264/1923-0265/1923	ALLRED ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0515/1977-0561/1977	ALLEY	199	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0102/2031-0103/2031	NECTAR AV	85	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0099/2083-0100/2083	206TH ST	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0002/1978-0003/1978	BELLFLOWER BV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0489/1923-0490/1923	DEERFORD ST	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0403/2030-0404/2030	ELAINE AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0077/1923-0084/1923	VANGOLD AV	145	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0084/2083-0086/2083	WALCROFT ST	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0208/1923-0209/1923	ECKLESON ST	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0239/2030-0240/2030	DEL AMO BV	219	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0682/1977-0694/1977	JOSIE ST	158	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0242/1923-0266/1923	ALLRED ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0107/2083-0116/2083	WINKLER AV	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0083/2030-0442/2030	LONGWORTH AV	275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0027/1923-0045/1923	DASHWOOD ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0420/2030-0421/2030	NORWALK BV	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0612/1977-0659/1977	IROQUOIS AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0447/1923-0456/1923	COKE AV	155	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0247/2030-0285/2030	ALBURTIS AV	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0101/1922-0102/1922		310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	

0191/1924-0531/1923	COUNTRY CLUB DR	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0146/1923-0147/1923	PARAMOUNT BV	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0004/1923-0005/1923	DEEBOYAR AV	60	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0030/2030-0031/2030	LOOMIS ST	208	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0658/1977-0659/1977	CANDLEWOOD ST	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0100/1978-0101/1978	ALLEY	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0118/1978-0119/1978	GONDAR AV	243	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0062/1977-0063/1977	FIDLER AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0622/1977-0623/1977	SOUTH ST	376	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0138/2030-0139/2030	STILLMAN ST	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0220/1977-0221/1977	BELLFLOWER AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0097/1978-0125/1978	MC NAB AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0253/1978-0254/1978	HARVEY WY	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0490/1977-0491/1977	ECKLESON ST	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0614/1976-0627/1976		291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0257/1978-0258/1978	CARSON ST	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0544/1977-0545/1977	WOODRUFF AV	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0088/1977-0089/1977	HERSHOLT AV	361	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0012/2031-0035/2031	NIPOMO AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0220/1924-0221/1924	ANN ARBOR RD	120	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0333/1977-0334/1977		301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0071/1923-0072/1923	DEL AMO BV	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0055/1978-0281/1978	LOMINA AV	287	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0027/2083-0028/2083	HAWAIIAN AV	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0292/1923-0293/1923	CENTRALIA ST	347	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0053/2083-TRNK/2083	207TH ST	44	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0250/2030-0290/2030	205TH ST	62	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0244/1977-0245/1977	DUNROBIN AV	261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0226/2030-0230/2030	BRENDA CT	142	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0498/1923-0499/1923	ARBOR ST	338	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0165/1923-0166/1923	BIXLER AV	151	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0305/1923-0306/1923	FRANKEL ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0689/1977-0742/1977	KNOXVILLE AV	195	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0006/2084-0037/2083	CLARETTA AV	375	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	12	
0019/2030-0020/2030	STEVELY AV	186	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0710/1977-0711/1977	YEARLING ST	275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0622/1977-TRNK/1977	SOUTH ST	107	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0028/1923-0029/1923	DEEBOYAR AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0123/2031-0124/2031	GRADWELL ST	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0288/1922-0289/1922	ALLEY	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0043/1977-0086/1977	HERSHOLT AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0012/1977-NORTH/1977	FIDLER AV	71	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0838/1977-0839/1977	CENTRALIA ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0523/1977-0524/1977	LOMINA AV	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0068/1977-0069/1977	PREMIERE AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0257/1977-0841/1977	SILVA ST	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0172/2084-0173/2084		182	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	10	
0046/2084-0047/2084	FARLOW ST	282	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0427/1976-0428/1976	ALLINGTON ST	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0101/1978-0102/1978	ALLEY	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0628/1977-TRNK/1977	WOLFE ST	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0063/1978-0281/1978	TILBURY ST	164	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0065/2031-0075/2031	LOS COYOTES DIA	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0261/2030-0262/2030	206TH ST	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0214/2031-0492/2031		124	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0616/1923-0617/1923		140	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0380/2030-0404/2030	207TH ST	292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0596/1977-0597/1977	PALO VERDE AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0617/1977-0653/1977	CARDALE ST	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0252/2030-0307/2030	ARLINE AV	169	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0320/1922-0321/1922		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0259/1922-0328/1922		335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0351/1923-0352/1923	OLIVA AV	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0491/1923-0492/1923	LOOMIS ST	314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0121/1923-0695/1923	OBISPO AV	81	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0395/2030-0396/2030		109	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0195/1923-0196/1923	HARDWICK ST	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0097/1923-0098/1923	MAYBANK AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0385/1923-0419/1923	MINTURN AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0092/1922-0116/1922		320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0299/1923-0300/1923	FAIRMAN ST	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0110/2031-0111/2031	ROSETON AV	84	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0604/1976-0608/1976	HEDDA ST	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0184/1923-0185/1923	DENMEAD ST	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0100/1924-0154/1924	OBISPO AV	294	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0317/1977-0325/1977	OCANA AV	329	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0172/1977-0173/1977	EASTBROOK AV	186	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0087/1977-0088/1977	HERSHOLT AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0240/1977-0241/1977	COLDBROOK AV	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0143/2031-0144/2031	CARSON ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0375/1923-0376/1923	CANDLEWOOD ST	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0249/1923-0303/1923	ELKPORT ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0355/1923-0356/1923	OLIVA AV	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0053/2083-0050/2083	HAWAIIAN AV	133	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0608/1977-0626/1977	DILLMAN ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0037/2030-0043/2030	SHADEWAY RD	225	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0168/1976-0169/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0171/1976-0172/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0126/2031-0127/2031	213TH ST	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0150/2031-TRNK/2031	ALLEY	212	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	12	
0444/2030-0445/2030		45	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0136/2030-TRNK/2030		271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	

0563/1923-0564/1923	LAKEWOOD BV	332	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0772/1977-0815/1977	ARBOR ST	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0008/1923-0009/1923	DEL BAY CR	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0647/1977-0648/1977	CANDOR ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0552/1923-0553/1923	ALLEY	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0075/2083-0076/2083	LEMMING ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0141/1924-0180/1924	WARWOOD RD	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0199/1976-0206/1976	HEDDA ST	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0383/1976-0384/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0457/1977-0458/1977	MC KNIGHT DR	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0019/2031-0079/2031	HARVEY WY	358	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0389/1976-0390/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0075/2031-TRNK/2031	STEVELY AV	126	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0078/1977-0079/1977	PEARCE AV	361	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0118/1977-0119/1977	BELLFLOWER AV	366	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0166/1977-0424/1976		221	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0063/2030-0064/2030	SHADEWAY RD	186	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0316/2031-TRNK/2030	HORST AV	137	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0094/1922-0095/1922		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0377/2030-0425/2030	THORNLAKE AV	180	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0255/1922-0256/1922	HEDDA ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0031/2083-0032/2083	VERNE AV	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0140/1924-0141/1924	WARWOOD RD	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0654/1977-0655/1977	PALO VERDE AV	144	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0337/1977-0338/1977	WOODRUFF AV	108	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0086/2031-TRNK/2031	CARSON ST	90	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0376/1923-0377/1923	CANDLEWOOD ST	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0512/1977-0747/1977	DEL AMO BV	309	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0008/1924-0039/1924	GREENMEADOW RD	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0017/1923-0018/1923	MEADOW WOOD AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0572/1923-0573/1923	LAKEWOOD BV	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0297/1977-0298/1977	COLDBROOK AV	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0251/2030-0295/2030	205TH ST	143	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0092/1923-0093/1923	PIXIE AV	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0108/2031-0109/2031	NECTAR AV	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0562/1977-0563/1977	SUGARWOOD ST	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0765/1977-0766/1977	CONQUISTA AV	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0397/1976-0398/1976		352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0197/1978-0250/1978	CONQUISTA AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0031/1978-0032/1978	MARWICK AV	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0094/1978-0095/1978	HARVEY WY	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0203/1924-0204/1924	ANN ARBOR RD	232	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0141/2031-0142/2031	CARSON ST	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0543/1977-0575/1977	ARBOR ST	282	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0002/1977-0003/1977	SUNFIELD AV	354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0276/1923-0415/1923	HARDWICK ST	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	

0297/2030-0298/2030	ALLEY	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0201/1923-0202/1923	YEARLING ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0437/1976-0438/1976	ROCKET ST	61	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0396/1923-0403/1923	DOWNEY AV	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0006/2030-0007/2030	YEARLING ST	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0119/2030-0120/2030	DEL AMO BV	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0102/1977-0370/1976	AUTRY AV	422	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0141/2030-0166/2030	STILLMAN ST	145	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0034/1978-0035/1978	SERBEN AV	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0024/1923-0074/1923	MEADOW WOOD AV	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0257/1923-0258/1923	LEVELSIDE AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0032/2031-0082/2031	MONOGRAM AV	275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0085/1924-0142/1924	FRECKLES RD	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0386/1976-0387/1976	ADENMOOR AV	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0213/2031-0214/2031	216TH ST	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0066/2030-0067/2030	SHADEWAY RD	133	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0685/1977-0686/1977	KNOXVILLE AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0214/1977-0215/1977	BELLFLOWER AV	372	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0766/1977-0823/1977	TANGLEWOOD ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0700/1977-0701/1977	DENMEAD ST	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0106/1978-0107/1978	WARWOOD RD	333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0186/1976-0187/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0081/1976-0082/1976	ASHWORTH ST	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0135/1977-0136/1977	ADENMOOR AV	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0367/1977-0368/1977	EDGEFIELD ST	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0109/1924-0120/1924	CARTAGENA ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0537/1976-0546/1976	REVA ST	166	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0837/1977-0838/1977	CENTRALIA ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0067/2031-0068/2031	LOS COYOTES DIA	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0157/1976-0158/1976		280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0446/1923-0447/1923	DEL AMO BV	71	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0475/1923-0530/1923	COUNTRY CLUB DR	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0420/1923-0421/1923	MINTURN AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0213/1977-0214/1977	BELLFLOWER AV	372	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0412/1977-0413/1977	EASTBROOK AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0517/1977-0549/1977	GONDAR AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0649/1977-TRNK/1977	CAPETOWN AV	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0118/1924-0119/1924	CLUBHOUSE DR	347	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0290/1977-0291/1977	BRIERCREST AV	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0074/1977-0075/1977	PEARCE AV	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0093/1924-0127/1924	BOMBERRY ST	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0501/1923-0502/1923	ARBOR ST	367	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0593/1923-0307/1922	HAZELBROOK AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0513/1923-0514/1923	CENTRALIA ST	333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0282/2030-0283/2030	JERSEY AV	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0072/1923-0102/1923	MAYBANK AV	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	

0005/2031-0006/2031	PAULA ST	261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0101/2031-0116/2031	SYLVANWOOD AV	175	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0407/1923-0408/1923	VERDURA AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0413/1923-0414/1923	BARLIN AV	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0354/1923-0355/1923	OLIVA AV	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0040/2031-0073/2030	OSTROM AV	365	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0096/2030-0107/2030		160	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0004/2031-0056/2031	PAULA ST	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0221/2030-0222/2030	LOS COYOTES BV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0221/1923-0222/1923	DEL AMO BV	237	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0129/1924-0130/1924	FLANGEL ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0199/1924-0200/1924		305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0038/1978-0039/1978	SAN ANSELINE AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0552/1977-0572/1977	SANDWOOD ST	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0251/1978-TRUNK/1978	HARVEY WY	64	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0374/1977-0375/1977	SOUTH ST	132	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0168/1924-0169/1924		125	IN SERVICE	GRAVITY	DUCTILE IRON PIPE	1924	8	
0619/1976-0624/1976	WOODRUFF AV	53	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0428/1977-0429/1977	CANDLEWOOD ST	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0714/1977-0715/1977	EBERLE AV	72	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0616/1976-0617/1976	WOODRUFF AV	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0108/1977-0198/1977	AUTRY AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0420/1977-0421/1977	CANDLEWOOD ST	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0656/1977-0662/1977	CANDLEWOOD ST	50	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0072/1978-0089/1978	WOODRUFF AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0020/1977-0021/1977	PREMIERE AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0382/1977-0383/1977	SOUTH ST	55	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0552/1977-0579/1977	GONDAR AV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0543/1923-0544/1923	CAMERINO ST	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0011/2083-0012/2083		229	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	12	
0152/1977-0153/1977	COLDBROOK AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0193/2031-0194/2031	PIONEER AV	116	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0715/1923-0716/1923	WRENCH AV	260	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0378/2030-0403/2030	206TH ST	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0481/1923-0482/1923	OLIVA AV	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0114/2031-0115/2031	211TH ST	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0021/2083-0024/2083	HAWAIIAN AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0739/1977-0740/1977	NIXON ST	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0386/2030-0387/2030	LEMMING ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0688/1923-0689/1923	LAKEWOOD BV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0399/1923-0400/1923	DOWNEY AV	116	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0179/1923-0180/1923	DASHWOOD ST	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0149/1923-0150/1923	PARAMOUNT BV	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0733/1923-0734/1923		115	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0687/1977-0723/1977	KNOXVILLE AV	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0262/1922-0278/1922		250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	

0507/1977-0508/1977	DEL AMO BV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0699/1923-0700/1923	ELDERHALL AV	50	IN SERVICE	SIPHON	DUCTILE IRON PIPE	1923	8	
0442/1923-0443/1923	DEL AMO BV	199	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0435/1923-0436/1923		320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0033/1923-0034/1923	DEEBOYAR AV	153	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0009/2084-0010/2084	CENTRALIA ST	42	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0189/2031-0209/2031	ROSSFORD AV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0775/1977-0776/1977	PALO VERDE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0163/2031-0164/2031	CENTRALIA AV	349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0676/1977-0727/1977	SILVA ST	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0299/1977-0322/1977	COLDBROOK AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0070/2031-0071/2031	REDLINE DR	178	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0097/2031-0098/2031	LONGWORTH AV	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0521/1977-0556/1977	SNOWDEN AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0248/1977-0471/1977	DASHWOOD ST	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0710/1923-0711/1923	RYAN AV	230	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0043/1978-0044/1978	TILBURY ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0246/1977-0841/1977	SILVA ST	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0245/1977-0256/1977	ECKLESON ST	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0023/1978-0024/1978	MARBER AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	12	
0223/1978-0224/1978	IROQUOIS AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0406/1923-0407/1923	VERDURA AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0793/1977-0794/1977	JOSIE AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0093/1923-0094/1923	PIXIE AV	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0370/1923-0371/1923	CAMERINO ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0286/1922-0287/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0385/2030-0433/2030	BELSHIRE AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0147/1977-0148/1977	BRIERCREST AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0396/2030-0417/2030		188	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0283/1923-0494/1923	SANDWOOD ST	357	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0318/2030-0319/2030	SEINE AV	282	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0218/1922-0222/1922	ASHWORTH ST	74	IN SERVICE	SIPHON	VITRIFIED CLAY PIPE	1922	8	
0586/1923-0587/1923	BONFAIR AV	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0350/1923-0373/1923	CASTANA AV	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0099/1923-0100/1923	MAYBANK AV	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0205/1924-0206/1924	ANN ARBOR RD	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0704/1923-0710/1923	GOREN CT	152	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0082/1976-0083/1976	ASHWORTH ST	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0127/1976-0128/1976	CLARK AV	201	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0254/2030-0255/2030	205TH ST	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0246/1978-0247/1978	LADOGA AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0082/1977-0083/1977	LORELEI AV	365	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0713/1923-0714/1923	PIERC Y AV	348	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0222/1924-0689/1923	LAKEWOOD BV	425	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0064/1924-0065/1924		161	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0436/1976-0437/1976	ROCKET ST	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10	

0162/1924-0227/1924		55	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0198/1976-0205/1976	HEDDA ST	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0103/1977-0104/1977	AUTRY AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0399/1976-0400/1976		345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0153/1924-0154/1924	CARSON ST	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0026/2084-0027/2084	BLOOMFIELD AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0145/2031-0146/2031	ALLEY	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0169/2084-0171/2084		266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0129/1923-0130/1923	CANDLEWOOD ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0190/1976-0191/1976	HEDDA ST	81	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0225/2030-TRNK/2030	PIONEER BV	55	IN SERVICE	GRAVITY	CAST IRON	2030	8	
0111/1924-0310/1923	CLUBHOUSE DR	373	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0247/1923-0248/1923	OBISPO AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0045/2030-0046/2030	TURNERGROVE DR	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0444/2030-0447/2030		215	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0732/1977-0733/1977	GLORYWHITE ST	380	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0675/1977-0726/1977	ECKLESON ST	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0767/1977-0768/1977	CONQUISTA AV	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0025/1924-0031/1924	NELSONBARK AV	145	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0265/1922-0288/1922		224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0449/1977-0467/1977	SENASAC AV	114	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0394/1976-0438/1976		143	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0160/2030-0161/2030	ROSETON AV	221	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0081/2030-0082/2030	SEABORN ST	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0025/1923-0026/1923	DEEBOYAR AV	287	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0673/1923-0674/1923	PIMENTA AV	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0009/2031-0010/2031	JOHANNA AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0030/1924-0038/1924	MAYBANK AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0006/2084-0010/2084	CENTRALIA ST	58	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0527/1977-0528/1977	RADNOR AV	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0158/1923-0219/1923	SILVA ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0712/1977-0717/1977	YEARLING ST	198	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0161/1976-0201/1976		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0261/1978-0262/1978	CARSON ST	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0218/2031-0219/2031		132	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0515/1977-0516/1977	DEL AMO BV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0443/2030-0444/2030		40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0132/2030-0163/2030	205TH ST	292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0163/2084-0170/2084		199	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0013/2030-0014/2030	STEVELY AV	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0121/1924-0313/1923	FAIRWAY DR	382	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0260/1922-0277/1922		250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0022/2084-0023/2084	WILDER AV	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0651/1977-TRNK/1977	CARDALE ST	180	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0418/1976-0430/1976	EASTBROOK AV	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0099/1924-0100/1924	OBISPO AV	294	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	

0600/1977-0601/1977	HACKETT AV	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0451/1977-0452/1977	TURNERGROVE DR	114	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0026/1978-0027/1978	CHATWIN AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0065/2030-0075/2030	TANGLEWOOD ST	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0189/1924-0190/1924	HAYTER AV	193	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0142/1923-0143/1923	PARAMOUNT BV	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0166/2030-0167/2030	ROSETON AV	89	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0352/1923-0353/1923	OLIVA AV	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0292/2030-0293/2030	PIONEER BV	243	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0632/1923-0633/1923	PEPPERWOOD AV	332	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0721/1923-0722/1923	ESQUIVEL AV	350	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0011/1923-0012/1923	ELDERHALL AV	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0157/1923-0210/1923	ECKLESON ST	132	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0281/1923-0282/1923	SANDWOOD ST	220	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0218/1922-0219/1922		45	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0279/2030-0289/2030	209TH ST	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0079/1978-0080/1978	GALLUP ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0351/1977-0352/1977	SPAHN AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0163/1977-0164/1977	DUNROBIN AV	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0304/2030-0313/2030	209TH ST	204	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0046/1977-TRNK/1977		304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0310/1977-0311/1977	EASTBROOK AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0192/1924-0193/1924	COUNTRY CLUB DR	372	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0551/1977-0552/1977	GONDAR AV	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0107/2083-0108/2083	RENVILLE ST	251	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0044/1978-0045/1978	TILBURY ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0603/1977-0656/1977	HACKETT AV	321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0137/2084-0142/2084	212TH ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0094/1977-TRNK/1977	DEL AMO BV	76	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	21	
0485/1923-0486/1923	ALLRED ST	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0079/1977-0099/1977	PEARCE AV	172	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0062/2083-0063/2083	VANDEMERE ST	237	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0293/2030-0294/2030	PIONEER BV	379	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0194/1923-0195/1923	HARDWICK ST	167	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0168/2031-0173/2031	HASTON PL	115	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0206/2031-0207/2031	215TH ST	181	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	10	
0249/1923-0250/1923	OBISPO AV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0608/1977-0609/1977	IROQUOIS AV	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0375/1976-0376/1976		356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0635/1923-0655/1923	A ST	333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0451/1977-0466/1977	YEARLING ST	183	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0067/1924-0072/1924		317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0145/1923-0146/1923	PARAMOUNT BV	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0106/1923-0235/1923	DEERFORD ST	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0159/2031-0160/2031	CENTRALIA AV	364	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	10	
0107/2031-0108/2031	NECTAR AV	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	

0430/1977-0462/1977		184	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0041/1924-0042/1924	GREENMEADOW RD	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0477/1977-0478/1977	HARDWICK ST	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0005/1924-0006/1924	FLANGEL AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0230/1924-0165/1924		55	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	12	
0663/1976-0667/1976	DROXFORD ST	117	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0424/1977-0425/1977	CANDLEWOOD ST	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0433/1977-0434/1977	WOODRUFF AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0148/1976-0206/1976		320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0726/1976-TRNK/1976		174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10	
0097/1924-0098/1924	OBISPO AV	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0258/1977-0259/1977	DEL AMO BV	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0546/1976-0547/1976	FAUST AV	94	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0418/2030-TRNK/2030	NORWALK BV	113	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0287/2030-0288/2030	ALBURTIS AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0150/2030-0151/2030	LEMMING ST	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0421/1977-0422/1977	CANDLEWOOD ST	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0268/1923-0269/1923	DEERFORD ST	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0090/2030-0101/2030	STORK PL	138	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0591/1977-0592/1977	SEABORN ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0133/1924-0134/1924	HARVEY WY	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0161/2084-0162/2084		183	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0140/1923-0162/1923	KLONDIKE AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0488/1923-0489/1923	DEERFORD ST	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0147/2031-0281/2030	ALLEY	191	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0435/1976-PUMP/1976	BELLFLOWER BV	358	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10	
0166/2084-0167/2084		207	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0109/1977-0110/1977	MONTAIR AV	141	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0172/1976-0173/1976		280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0057/1978-0058/1978	RADNOR AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0270/1977-0309/1977	EASTBROOK AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0036/1978-0037/1978	SAN ANSELINA AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0079/2031-0080/2031	STEVELY AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0092/1978-0121/1978	HARVEY WY	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0651/1923-0740/1923	FACULTY AV	76	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0099/1977-0100/1977	DEL AMO BV	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0136/1923-0137/1923	CANDLEWOOD ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0250/1978-TRNK/1978	HARVEY WAY	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	10	
0770/1977-0771/1977	PALO VERDE AV	341	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0323/1923-0324/1923	DOWNEY AV	148	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0049/2031-0050/2031	PETALUMA AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0048/2030-0049/2030	TURNERGROVE DR	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0007/1977-0140/1976	CLARK AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0322/2030-0323/2030	SEINE AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0377/1923-0378/1923	CANDLEWOOD ST	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0321/1977-0322/1977	ARBOR ST	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0002/2030-0014/2030	DANELAND ST	93	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0646/1977-0647/1977	CANDOR ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0172/2030-0173/2030	ROSETON AV	253	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0517/1923-0518/1923	FAIRMAN ST	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0190/1977-0191/1977	CANDLEWOOD ST	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0156/1923-0202/1923	YEARLING ST	115	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0008/1977-0009/1977	CLARK AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0101/1924-0102/1924	LEVELSIDE AV	213	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0652/1923-0653/1923	FACULTY AV	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0051/1923-0142/1923	DENMEAD ST	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0622/1923-0623/1923	LAKEWOOD BV	232	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0610/1977-0636/1977	BIGELOW ST	217	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0200/1976-0201/1976	HEDDA ST	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0636/1976-0637/1976		247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0393/1976-0437/1976		135	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0223/2031-0224/2031	CARSON ST	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0422/1976-0423/1976		354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0338/1976-0339/1976	ASHWORTH ST	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0041/2084-0043/2084	215TH ST	284	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0064/1978-0133/1978	RADNOR AV	207	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0485/1977-0486/1977	EBERLE ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0707/1977-0708/1977	HARDWICK ST	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0767/1977-0825/1977	HENRILEE ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0141/1976-0205/1976		320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0174/1977-0175/1977	EASTBROOK AV	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0294/1977-0295/1977	BRIERCREST AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0522/1977-0523/1977	LOMINA AV	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0252/1923-0253/1923	LEVELSIDE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0152/2031-0153/2031	ALLEY	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0344/1923-0372/1923	HAYTER AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0135/2084-0136/2084	GRADWELL ST	235	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0514/1923-0515/1923	CENTRALIA ST	369	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0143/1977-0144/1977	BRIERCREST AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0321/1922-0322/1922		321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0724/1977-0725/1977	EBERLE AV	205	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0259/1923-0260/1923	LEVELSIDE AV	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0052/1977-0053/1977	CANDLEWOOD ST	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0461/1923-0488/1923	DEERFORD ST	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0688/1977-0689/1977	KNOXVILLE AV	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0364/1976-0433/1976		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0262/1977-0263/1977	DEL AMO BV	50	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0644/1977-TRNK/1977	CANDOR ST	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0234/1977-0235/1977	BRIERCREST AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0550/1977-0566/1977	DEERFORD ST	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0020/2031-0070/2031	MC MANUS ST	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0773/1977-0774/1977	PALO VERDE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0348/1977-0635/1976	FAUST AV	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0176/2031-0206/2031	HASTON PL	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0408/1977-0409/1977	CAMERINO ST	229	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0073/1976-0221/1922		340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0240/2030-0241/2030	DEL AMO BV	197	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0268/1922-0280/1922	ALLEY	174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0196/1978-0250/1978	CONQUISTA AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0724/1976-0725/1976	HUNGERFORD ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10	
0007/1924-0008/1924	FLANGEL AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0289/1977-0326/1977	ADENMOOR AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0149/1977-0230/1977	BRIERCREST AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0205/2031-0206/2031	215TH ST	93	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	10	
0027/1977-0028/1977	PEARCE AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0547/1923-0549/1923	ALLEY	200	IN SERVICE	SIPHON	VITRIFIED CLAY PIPE	1923	8	
0219/1923-0220/1923	SILVA ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0703/1923-0711/1923	LAMAR CT	152	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0147/1923-0221/1923	DEL AMO BV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0222/1922-0223/1922	ASHWORTH ST	45	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0207/2030-0208/2030	JERSEY AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0078/2083-0079/2083	WALCROFT ST	321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0036/1977-0080/1977	LORELEI AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0197/1924-0208/1924		190	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0077/1924-0173/1924	CONANT ST	368	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0109/1924-0110/1924	LEVELSIDE AV	175	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0706/1977-TRNK/1977	HARDWICK ST	275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0731/1977-0732/1977	GLORYWHITE ST	314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0274/1923-0275/1923	LOOMIS ST	341	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0764/1977-0765/1977	CONQUISTA AV	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0559/1923-0560/1923	PIMENTA AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0067/1923-0069/1923	DEL AMO BV	37	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0191/1923-0192/1923	HARDWICK ST	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0317/1923-0323/1923	DOWNEY AV	84	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0426/1923-0690/1923	COKE AV	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0141/1976-0142/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0396/1976-0397/1976		354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0839/1977-0840/1977	CENTRALIA ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0104/1978-0282/1978	ALLEY	206	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0163/1924-0227/1924		55	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0058/1924-0059/1924		81	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0135/1923-0136/1923	CANDLEWOOD ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0243/1978-0256/1978	LADOGA AV	329	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0222/1923-0223/1923	DEL AMO BV	352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0189/1977-0190/1977	CANDLEWOOD ST	106	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0116/1976-0117/1976		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0060/2083-0061/2083	RENNVILLE ST	202	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0631/1923-0632/1923	PEPPERWOOD AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	

0187/1923-0188/1923	DENMEAD ST	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0619/1923-0620/1923	LAKEWOOD BV	367	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0452/1923-0453/1923	DEL AMO BV	265	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0037/1923-0071/1923	DEL AMO BV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0633/1976-0654/1976	FAUST AV	287	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0019/1977-0020/1977	PREMIERE AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0215/1977-0216/1977	BELLFLOWER AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0028/1978-0044/1978	CHATWIN AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0760/1977-0814/1977	CARFAX AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0375/1977-0383/1977	SOUTH ST	82	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0262/1978-0263/1978	CARSON ST	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0726/1976-0727/1976	BALFERN AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0435/1977-0436/1977	WOODRUFF AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0360/1977-0361/1977		304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0216/1924-0217/1924	FLEET HAVEN RD	180	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0516/1977-0517/1977	DEL AMO BV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0198/1977-0199/1977	AUTRY AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0089/1922-0096/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0414/2030-0415/2030	HORST AV	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0174/1923-0175/1923	DOLLAR ST	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0019/2084-0020/2084	GRADWELL ST	332	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0165/2030-0166/2030	ROSETON AV	193	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0397/2030-0398/2030	209TH ST	154	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0052/2083-0054/2083	WARDHAM AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0800/1977-0834/1977	KNOXVILLE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0290/1923-0291/1923	CENTRALIA ST	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0173/1977-0411/1977	EASTBROOK AV	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0151/1924-0152/1924	CARSON ST	190	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0542/1923-0543/1923	CAMERINO ST	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0732/1923-0733/1923	C ST	53	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0112/2031-0113/2031	ROSETON AV	72	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0249/2030-0250/2030	205TH ST	209	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0483/1977-0484/1977	YEARLING ST	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0543/1977-0544/1977	WOODRUFF AV	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0797/1977-0798/1977	KNOXVILLE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0421/2030-0422/2030	NORWALK BV	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0727/1923-0730/1923	BREAN ST	151	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0078/2030-0079/2030	HENRILEE ST	109	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0258/1922-0259/1922	HEDDA ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0011/2084-0080/2083	BLOOMFIELD AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0039/2030-0041/2030	ARBOR RD	104	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0088/2031-0089/2031	SEABORN ST	180	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0142/1976-0143/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0118/2030-0119/2030	DEL AMO BV	44	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0168/2031-0169/2031	MASSINGER ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0065/1978-0066/1978	ALBURY AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	

0808/1977-0809/1977	TURNERGROVE AV	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0017/2031-0066/2031	LOS COYOTES DIA	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0006/1923-0007/1923	ALLEY	207	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0081/1976-0088/1976	ASHWORTH ST	79	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0017/2031-0067/2031	LOS COYOTES DIA	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0392/1976-0393/1976		129	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0073/1977-0098/1977	PREMIERE AV	185	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0494/1977-0495/1977	ECKLESON ST	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0228/1978-0229/1978	JOSIE AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0119/1977-0120/1977	BELLFLOWER AV	366	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0015/2083-0035/2083	CLARETTA AV	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	12	
0260/2030-0261/2030	206TH ST	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0358/1977-0402/1977	GONDAR AV	156	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0505/1977-0506/1977	SILVA ST	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0419/1923-0420/1923	MINTURN AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0640/1923-0659/1923	D ST	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0217/1923-0218/1923	SILVA ST	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0118/1976-0121/1976	PONDEROSA CT	184	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0692/1923-0732/1923	C ST	70	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0652/1977-0654/1977	CARDALE ST	71	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0264/1922-0265/1922	ALLEY	213	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0046/2083-0047/2083	CORTNER AV	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0537/1923-0607/1923	PENNSWOOD AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0108/2030-0109/2030	LONGWORTH AV	381	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0004/1923-0006/1923	ALLEY	207	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0684/1923-0685/1923	LAKEWOOD BV	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0122/2030-0143/2030	SYLVANWOOD AV	208	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0505/1923-0681/1923	ARBOR ST	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0187/1924-0188/1924	PARKVIEW DR	182	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0136/2084-EAST/2084	GRADWELL ST	41	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0017/2030-0018/2030	STEVELY AV	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0576/1923-0618/1923	LAKEWOOD BV	235	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0121/2031-0122/2031	GRADWELL ST	373	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0470/1923-0471/1923	HAYTER AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0444/1977-0480/1977	HARDWICK ST	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0101/1977-0258/1977	DEL AMO BV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0082/1978-0083/1978	GREENTOP ST	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0183/1978-0184/1978	CANEHILL AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0184/1978-0185/1978	CANEHILL AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0365/1977-0595/1977	CANEHILL AV	367	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0027/2031-0028/2031	SCHROLL ST	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0472/1977-0473/1977	DASHWOOD ST	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0172/1977-0179/1977	MICHELSON ST	194	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0247/1977-0468/1977	DANELAND ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0111/1978-0112/1978	VILLAGE RD	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0032/2084-0033/2084	DARTMOOR AV	167	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	

0014/2084-0015/2084	211TH ST	199	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0269/1922-0270/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0343/1977-0344/1977		295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0093/2031-0094/2031	LONGWORTH AV	123	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0196/1976-0197/1976	HEDDA ST	55	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0737/1923-0738/1923		246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0016/2030-0017/2030	STEVELY AV	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0672/1923-0673/1923	PIMENTA AV	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0362/1923-0363/1923	MICHELSON ST	203	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0317/1922-0318/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0190/1924-0475/1923	HAYTER AV	341	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0234/1978-0235/1978	KNOXVILLE AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0591/1923-0592/1923	BLACKTHRONE AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0138/2031-0139/2031	216TH ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0525/1977-0526/1977	LOMINA AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0217/2031-0218/2031	216TH ST	125	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0415/1976-0416/1976		265	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0015/2031-0016/2031	HARVEY WY	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0021/2031-0080/2031	MC MANUS ST	243	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0603/1976-0607/1976	LA JARA ST	231	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0273/1977-0274/1977	BELLFLOWER BV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0116/1924-0139/1924	WARWOOD RD	66	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0584/1977-0585/1977	TANGLEWOOD ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0277/1977-0320/1977	ARBOR ST	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0285/1977-0286/1977	ADENMOOR AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0022/2030-0023/2030	STEVELY AV	172	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0241/1978-0242/1978	LADOGA AV	329	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0156/2031-0157/2031	CENTRALIA AV	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	10	
0073/2031-0074/2031	STEVELY AV	395	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0695/1977-0696/1977	DASHWOOD ST	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0373/1923-0374/1923	CAMERINO ST	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0130/1976-0194/1976	CLARK AV	204	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0278/2030-0279/2030	209TH ST	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0012/2084-TRNK/2084	CENTRALIA ST	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0379/1923-0427/1923	HAYTER AV	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0190/1923-0191/1923	HARDWICK ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0320/1923-0321/1923	DOWNEY AV	148	IN SERVICE	SIPHON	VITRIFIED CLAY PIPE	1923	8	
0056/2031-0057/2031	SHADEWAY RD	368	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0005/1978-CITY/1978	BELLFLOWER BV	140	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0193/1978-0258/1978	CARFAX AV	182	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0654/1976-0655/1976	ARABELLA ST	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0132/1976-0133/1976	ALLEY	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0009/1977-0010/1977	CLARK AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0794/1977-0833/1977	JOSIE AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0095/2031-0121/2031	GRADWELL ST	135	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0281/1977-0326/1977	CENTRALIA ST	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0155/1977-0156/1977	COLDBROOK AV	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0097/1924-0143/1924	FRECKLES RD	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0288/2030-0289/2030	ALBURTIS AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0275/1977-0276/1977	BELLFLOWER BV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0304/1922-0305/1922		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0006/1924-0007/1924	FLANGEL AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0536/1976-0537/1976	REVA ST	352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0449/1977-0450/1977	TURNERGROVE DR	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0777/1977-0778/1977	HACKETT AV	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0375/1976-0434/1976		352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0032/2030-0033/2030	LOOMIS ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0617/1923-0622/1923		250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0096/1977-0097/1977	DEL AMO BV	357	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0245/2030-0246/2030	205TH ST	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0424/2030-0425/2030	THORNLAKE AV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0546/1923-0613/1923	WHITEWOOD AV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0111/2031-0112/2031	ROSETON AV	41	IN SERVICE	SIPHON	VITRIFIED CLAY PIPE	2031	8	
0273/2030-0274/2030	WALCROFT ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0113/2030-0114/2030	WALCROFT ST	167	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0033/2030-0034/2030	LOOMIS ST	96	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0138/1923-TRNK/1923	PARAMOUNT BV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0728/1977-TRNK/1977	PALO VERDE AV	43	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0207/2031-0208/2031	215TH ST	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	10	
0124/1923-0125/1923	WOLFE ST	284	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0103/1978-0104/1978	ALLEY	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0120/1976-0122/1976	LA JARA CT	184	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0645/1976-0646/1976	CANEHILL AV	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10	
0360/1977-0380/1977	SNOWDEN AV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0020/1924-0038/1924	WARWOOD RD	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0061/1923-0062/1923	ECKLESON ST	348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0111/1976-0112/1976		352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0104/1922-0105/1922		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0012/2083-0013/2083		346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	12	
0671/1923-0682/1923	LAKEWOOD BV	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0041/2030-0042/2030	NIXON ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0346/1976-0386/1976	ADENMOOR AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0408/1923-0409/1923	VERDURA AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0309/1922-0310/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0178/1976-0179/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0069/1924-0070/1924		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0086/1978-0087/1978	HARVEY WY	179	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0159/2084-0164/2084		226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0379/1977-0380/1977	SOUTH ST	223	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0197/1924-0198/1924		238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0150/1924-0151/1924	CARSON ST	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0005/1924-0015/1924	VANGOLD AV	148	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	

0391/1976-0392/1976		250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0067/1923-0068/1923	DEL AMO BV	185	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0013/1924-0014/1924	VANGOLD AV	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0621/1977-0653/1977	STEVELY AV	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0034/1923-0035/1923	DEEBOYAR AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0060/2030-0073/2030	OSTROM AV	216	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0733/1976-0734/1976	DROXFORD ST	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0284/1977-0285/1977	ADENMOOR AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0708/1977-0711/1977		255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0025/2084-0026/2084	BLOOMFIELD AV	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0446/1977-0494/1977	FAUST AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0634/1976-0635/1976	FAUST AV	314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0457/1923-0458/1923	DEL AMO BV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0212/2031-0213/2031	216TH ST	88	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0338/1923-0367/1923	CAPETOWN ST	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0287/1923-0288/1923	ARBOR ST	338	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0426/2030-0427/2030	THORNLAKE AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0795/1977-0796/1977	KNOXVILLE AV	202	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0079/1922-0080/1922		317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0216/1922-0217/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0545/1923-0608/1923	PENNSWOOD AV	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0411/2030-TRNK/2030	FLORCROFT AV	194	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0428/1923-0429/1923	HAYTER AV	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0529/1923-0530/1923	COUNTRY CLUB DR	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0404/1923-TRNK/1923	DEL AMO BV	60	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	15	
0667/1977-0668/1977	EDGEFIELD ST	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0166/1977-0442/1976	ROCKET ST	205	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0168/1977-0169/1977	SOUTH ST	115	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0401/1977-0402/1977	CAPETOWN ST	80	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0226/1924-CITY/1924	CARSON ST	111	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0146/1977-0147/1977	BRIERCREST AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0025/1977-0026/1977	PEARCE AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0545/1977-0546/1977	WOODRUFF AV	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0088/1924-0089/1924	ALLEY	101	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0459/1977-0460/1977	MC KNIGHT DR	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0488/1977-0489/1977	EBERLE ST	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0220/1923-0440/1923	SILVA ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0327/2031-0328/2031	NORWALK BV	234	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0184/1924-0185/1924	PARKVIEW DR	215	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0017/1924-0018/1924	PIXIE AV	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0243/2030-0282/2030	ELVINS ST	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0392/1923-0399/1923	DOWNEY AV	75	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0538/1923-0561/1923	PIMENTA AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0248/1922-0324/1922		319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0137/1923-0151/1923	OBISPO AV	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0383/2030-0384/2030	207TH ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	

0318/1923-0387/1923	DOWNEY AV	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0227/1923-0441/1923	DEL AMO BV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	15	
0238/1977-0239/1977	COLDBROOK AV	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0670/1923-0672/1923	PIMENTA AV	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0115/1922-0116/1922		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0137/2030-0138/2030	STILLMAN ST	123	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0444/1923-0445/1923	DEL AMO BV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0175/2084-0176/2084		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	10	
0525/1976-0526/1976		235	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0271/2030-0272/2030	WALCROFT ST	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0007/2084-0031/2083	VERNE AV	357	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0628/1923-0629/1923	PEPPERWOOD AV	137	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0422/2030-TRNK/2030	NORWALK BV	35	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0299/2030-0300/2030	ALLEY	143	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0014/2031-0015/2031	HARVEY WY	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0784/1977-0831/1977	HACKETT AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0610/1976-0611/1976	ALLEY	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0024/2083-0025/2083	HAWAIIAN AV	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0636/1923-0637/1923	HAZELBROOK AV	155	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0581/1923-0582/1923	PEPPERWOOD AV	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0129/2030-0161/2030	RENVILLE ST	368	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0412/1976-0413/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0401/2030-0402/2030	DELVIN AV	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0200/1977-0201/1977	AUTRY AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0091/1977-0101/1977	HERSHOLT AV	174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0068/1923-0147/1923	DEL AMO BV	191	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0637/1923-0657/1923		260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0145/1976-0146/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0083/2031-0084/2031	CARSON ST	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0525/1923-0526/1923	BOUTON DR	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0127/2030-0128/2030	RENVILLE ST	137	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0182/1923-0183/1923	DASHWOOD ST	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0295/1977-0327/1977	BRIERCREST AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0577/1923-0578/1923	PEPPERWOOD AV	185	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0548/1976-0549/1976		304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0562/1923-0563/1923	LAKEWOOD BV	332	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0049/1923-0050/1923	DENMEAD ST	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0300/1923-0517/1923	FAIRMAN ST	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0059/2031-0060/2031	QUIGLEY AV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0360/1977-0370/1977	CHARLESWOOD ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0165/2031-0166/2031	MASSINGER ST	234	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0033/2031-0034/2031	NIPOMO AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0095/2031-0096/2031	LONGWORTH AV	214	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0743/1977-0744/1977	RACHEL AV	215	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0012/1978-0013/1978	BRIERCREST AV	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0390/1976-0391/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	

0405/1976-0406/1976		352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0283/1978-TRNK/1978		40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0636/1977-0637/1977	BIGELOW ST	217	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0152/1976-0153/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0211/1978-0212/1978	HACKETT AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0517/1976-0518/1976	IBBETSON AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0593/1977-0594/1977	CENTRALIA ST	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0311/1923-0312/1923	CLUBHOUSE DR	333	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0368/1976-0371/1976	ALLEY	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	12	
0403/1977-0404/1977	CAPETOWN ST	201	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0363/1976-0364/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0194/1978-0195/1978	CONQUISTA AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0112/1977-0113/1977	MONTAIR AV	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0105/1923-0106/1923	DEERFORD ST	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0088/1923-0089/1923	VANGOLD AV	186	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0149/2030-0154/2030	CHADWELL ST	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0687/1977-0688/1977	KNOXVILLE AV	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0108/1923-0109/1923	LOOMIS ST	160	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0019/2083-0020/2083	DEL AMO BV	141	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0003/1977-0004/1977	SUNFIELD AV	354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0176/1923-0177/1923	DOLLAR ST	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0017/2084-0018/2084	212TH ST	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0723/1977-0724/1977	EBERLE AV	65	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0124/1924-0179/1924	FAIRWAY DR	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0059/2030-0060/2030	OSTROM AV	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0093/1924-0128/1924	BOMBERRY ST	199	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0032/1978-0045/1978	MARWICK AV	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0015/2031-0057/2031	SHADEWAY RD	208	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0108/2083-0114/2083	CALLAWAY AV	253	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0017/1977-WEST/1977	BIGELOW ST	65	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0335/1976-0336/1976	ASHWORTH ST	341	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0098/1924-0099/1924	OBISPO AV	294	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0347/1976-0395/1976	BRIERCREST AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0050/1978-0051/1978	LOMINA AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0160/1924-0161/1924		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0597/1977-0598/1977		141	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0053/1978-0086/1978	LOMINA AV	287	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0045/1977-TRNK/1977	CLARK AV	46	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0196/2031-0197/2031	PIONEER AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	12	
0649/1977-0650/1977	CAPETOWN AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0178/2031-0179/2031	DALAMAN AV	229	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0039/2083-0040/2083	ELY AV	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0010/2030-0011/2030	GLORYWHITE ST	157	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0579/1923-0580/1923	PEPPERWOOD AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0329/1977-0330/1977	EASTBROOK AV	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0359/1977-0360/1977	SNOWDEN AV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	

0412/1977-0414/1977	EASTBROOK AV	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0179/1978-0191/1978	FRECKLES RD	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0604/1976-0605/1976	IBBETSON AV	185	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0220/1924-0224/1924		224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0390/1923-0392/1923	DOWNEY AV	112	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0116/2030-0117/2030	HARVEST AV	127	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0152/1923-0153/1923	OBISPO AV	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0346/1923-0347/1923	CASTANA AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0087/2030-0442/2030	LONGWORTH AV	21	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0055/2031-0056/2031	SHADEWAY RD	376	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0156/2031-0289/2030	ALBURTIS AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0096/1922-0097/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0071/2030-0072/2030	CENTRALIA ST	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0235/1978-0236/1978	KNOXVILLE AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0422/2030-0423/2030	NORWALK BV	62	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0170/2031-0171/2031	MASSINGER ST	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0164/1977-0182/1977	CAPETOWN ST	178	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0626/1977-0627/1977	DILLMAN ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0048/2030-0058/2030	OSTROM AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0243/1977-0252/1977	YEARLING ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0115/1978-0116/1978	GREENMEADOW RD	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0227/1924-0228/1924		114	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0073/1924-0074/1924		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0014/1977-0015/1977	FIDLER AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0173/2084-0174/2084		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	10	
0605/1977-0657/1977	KIRTLAND AV	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0254/2030-0317/2030	VIOLETA AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0392/2030-0408/2030	IBEX AV	261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0186/1923-0187/1923	DENMEAD ST	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0441/1923-TRNK/1923	DEL AMO BV	116	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	15	
0304/1977-0323/1977	DUNROBIN AV	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0140/2084-0141/2084	WARDHAM AV	167	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0278/1922-0279/1922		275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0603/1923-0323/1922	FACULTY AV	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0251/2030-0298/2030	ALLEY	272	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0346/1977-0622/1976	WOODRUFF AV	134	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0203/1976-0204/1976	HEDDA ST	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0590/1977-0824/1977	HENRILEE ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0008/2031-0057/2031	JOHANNA AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0095/1978-0096/1978	HARVEY WY	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0102/1978-0103/1978	ALLEY	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0658/1976-0659/1976	ANDY ST	364	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0049/2030-0064/2030	TURNERGROVE DR	209	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0174/2084-0175/2084		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	10	
0334/1923-0366/1923	CAPETOWN ST	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0094/1923-0112/1923	PIXIE AV	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	

0087/2030-0088/2030	LONGWORTH AV	31	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0091/2083-TRNK/2083	CHADWELL ST	92	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0276/2030-0277/2030	ALLEY	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0067/2030-0076/2030	HENRILEE ST	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0427/1923-0428/1923	HAYTER AV	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0274/1922-0275/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0226/1923-0234/1923	DEL AMO BV	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0018/2030-0019/2030	STEVELY AV	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0241/1922-0269/1922		320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0228/1924-0229/1924		297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0431/1923-0432/1923	HAYTER AV	380	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0211/1923-0212/1923	ECKLESON ST	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0237/2031-0238/2031	PIONEER AV	123	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	12	
0047/1978-0048/1978	TILBURY ST	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0662/1976-0663/1976	DROXFORD ST	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0393/1923-0394/1923	DOWNEY AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0164/1977-0165/1977	DUNROBIN AV	261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0536/1977-0588/1977	ALBURY AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0009/1923-0010/1923	DEL BAY CR	214	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0158/1923-0218/1923	SILVA ST	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0039/1923-0040/1923	DANELAND ST	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0260/1922-0261/1922		183	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0031/1923-0032/1923	YEARLING ST	377	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0018/1924-0019/1924	PIXIE AV	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0131/1976-0196/1976		184	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0077/1976-0110/1976		304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0040/2083-0041/2083	ELY AV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0113/1978-0180/1978	VILLAGE RD	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0164/1976-0165/1976		280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0392/1977-0393/1977	BIGELOW ST	174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0469/1977-0470/1977	DANELAND ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0526/1976-0527/1976	ASHWORTH ST	119	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0012/2083-0016/2083		194	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0166/1923-0167/1923	BIXLER AV	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0127/2031-0128/2031	213TH ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0217/1977-0218/1977	BELLFLOWER AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0109/2083-0110/2083	RENVILLE ST	195	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0382/1923-0406/1923	VERDURA AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0279/2031-0280/2031	CENTRALIA AV	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0564/1923-0565/1923	LAKEWOOD BV	332	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0677/1923-0678/1923	PIMENTA AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0303/1922-0304/1922		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0810/1977-0811/1977	TURNERGROVE AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0215/1923-0216/1923	SILVA ST	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0086/1977-0087/1977	HERSHOLT AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0060/1977-TRNK/1977	CLARK AV	56	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0023/1924-0024/1924	PIXIE AV	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0025/2084-TRNK/2084	BLOOMFIELD AV	104	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0059/1924-0060/1924		295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0081/1978-0119/1978	GALLUP ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0147/1976-0199/1976		292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0045/2031-0046/2031	OSTROM AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0353/1977-0394/1977	MICHELSON ST	116	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0285/2030-0286/2030	ALBURTIS AV	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0550/1923-0551/1923	ALLEY	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0212/1924-0213/1924	BOUTON DR	287	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0094/1924-0095/1924	OBISPO AV	284	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	10	
0168/2084-0169/2084		268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0186/1976-0204/1976		348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0228/1923-0229/1923	DEL AMO BV	186	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0157/1923-0158/1923	OBISPO AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0035/1924-0036/1924	BOMBERRY ST	122	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0055/1977-TRNK/1977		82	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0032/1977-0033/1977	LORELEI AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0731/1977-0738/1977	NIXON ST	86	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0029/1978-0030/1978	MARWICK AV	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0069/1924-0075/1924	CONANT ST	348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0018/1923-0019/1923	MEADOW WOOD AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0246/1923-0286/1923	ARBOR ST	365	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0444/1977-0445/1977	FAUST AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0654/1923-0660/1923	SILVA ST	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0159/2084-0160/2084		177	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0313/1922-0314/1922		321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0047/2030-0048/2030	TURNERGROVE DR	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0461/1923-0462/1923	DOWNEY AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0104/2083-0105/2083	VANDEMERE ST	210	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0327/1923-0368/1923	ALLEY	407	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0301/2030-0302/2030	ALLEY	309	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0158/2030-0159/2030	NECTAR AV	193	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0334/1923-0368/1923	VERDURA AV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0108/2083-0109/2083	RENVILLE ST	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0275/1922-0276/1922		314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0404/2030-0405/2030	ELAINE AV	237	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0054/2083-0055/2083	WARDHAM AV	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0682/1923-0683/1923	LAKEWOOD BV	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0571/1977-0572/1977	SANDWOOD ST	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0188/1977-0189/1977	CANDLEWOOD ST	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0219/1922-0220/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0195/1976-TRNK/1976	HEDDA ST	56	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0104/1924-0105/1924	LEVELSIDE AV	227	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0459/1923-0480/1923	OLIVA AV	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0011/1977-0045/1977	CLARK AV	265	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0125/1924-0126/1924	BOMBERRY ST	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0027/2030-0042/2030	PETALUMA AV	157	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0609/1977-0610/1977	IROQUOIS AV	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0144/1923-0145/1923	PARAMOUNT BV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0244/1922-0285/1922		319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0376/2030-0377/2030	RENVILLE ST	175	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0484/2031-0159/2030	NECTAR AV	101	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0098/2031-0133/2031	215TH ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0083/2083-0084/2083	CALLAWAY AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0175/1976-0176/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0601/1977-0602/1977	HACKETT AV	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0241/1977-0264/1977	COLDBROOK AV	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0187/1978-0188/1978	CARFAX AV	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0500/1977-0509/1977	ALLEY	211	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0006/1978-0007/1978	ADENMOOR AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0119/1924-0120/1924	CLUBHOUSE DR	347	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0155/1924-0156/1924	PARAMOUNT BV	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	12	
0094/2083-0095/2083	STILLMAN ST	212	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0102/2083-0103/2083	VANDEMERE ST	223	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0030/1977-0174/1976	LORELEI AV	402	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0222/2030-0223/2030	LOS COYOTES BV	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0439/1923-0447/1923	COKE AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0092/1977-0093/1977	DEL AMO BV	198	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	21	
0078/1976-0079/1976	ASHWORTH ST	234	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0711/1923-0712/1923	RYAN AV	230	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0612/1923-0613/1923	WHITEWOOD AV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0019/1924-0020/1924	PIXIE AV	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0405/1923-0460/1923	DOWNEY AV	377	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0001/1924-0083/1923	DEEBOYAR AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0275/2030-0280/2030	ALLEY	164	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0044/1977-0045/1977	CAMERINO AV	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0099/2031-0114/2031	HARVEST AV	189	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0787/1977-0788/1977	IROQUOIS AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0263/1923-0264/1923	ALLRED ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0830/1977-0831/1977	CENTRALIA ST	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0068/1924-0069/1924		44	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0542/1977-0543/1977	WOODRUFF AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0051/1978-0052/1978	LOMINA AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0132/1978-0257/1978	CARSON ST	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0652/1976-0653/1976	ARABELLA ST	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0257/1922-0310/1922		345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0653/1976-0654/1976	ARABELLA ST	123	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0086/2030-0087/2030	LONGWORTH AV	33	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0017/1977-0018/1977	PREMIERE AV	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0351/1977-0384/1977	SPAHN AV	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0375/1977-0376/1977	SOUTH ST	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0103/2031-0104/2031	NECTAR AV	157	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0066/2083-0068/2083	WARDHAM AV	265	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0016/1923-0073/1923	DEL HOLLOW ST	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0402/1923-0403/1923	DOWNEY AV	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0058/2083-0059/2083	ELVINS ST	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0120/1923-0693/1923	OBISPO AV	136	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0108/2030-0177/2030	LONGWORTH AV	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0510/1923-0511/1923	CENTRALIA ST	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0158/1923-0225/1923	OBISPO AV	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0230/1923-0231/1923	DEL AMO BV	349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0161/1923-0195/1923	LEVELSIDE AV	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0347/1923-0348/1923	CASTANA AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0730/1977-0731/1977		200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0329/1977-PVT/1978	DUNROBIN AV	22	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0180/1977-0181/1977	CANDOR ST	106	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0083/1924-0084/1924	PARAMOUNT BV	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0043/2084-0046/2084		280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0173/1924-0174/1924	CONANT ST	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0820/1977-0821/1977	ELSA ST	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0017/2031-TRNK/2031	LOS COYOTES DIA	77	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0220/2031-0221/2031	CARSON ST	107	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0526/1976-0528/1976		295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0195/1924-0196/1924	BOUTON DR	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0129/1976-0130/1976	CLARK AV	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0328/1977-0329/1977	DUNROBIN AV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0015/2030-0016/2030	STEVELY AV	194	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0450/1923-0451/1923	DEL AMO BV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0224/1923-0225/1923	DEL AMO BV	352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0042/2030-0043/2030	NIXON ST	360	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0275/2030-0294/2030	WALCROFT ST	118	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0706/1923-0707/1923	VAN NOSTRAN DR	125	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0269/2030-0287/2030	208TH ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0381/1923-0547/1923	CANDLEWOOD ST	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0146/2084-0147/2084	VERNE AV	74	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0255/1922-0294/1922		345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0092/1922-0117/1922		160	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0246/1923-0247/1923	OBISPO AV	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0252/2030-0253/2030	205TH ST	251	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0098/1923-0238/1923	CENTRALIA ST	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0782/1977-0783/1977	HACKETT AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0389/1977-0390/1977	WOLFE ST	171	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0738/1977-0739/1977	NIXON ST	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0037/1977-0182/1976	HERSHOLT AV	423	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0356/1977-0392/1977	BIGELOW ST	174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0374/1976-0434/1976		321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0195/1978-0196/1978	CONQUISTA AV	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	

0628/1977-0629/1977	WOLFE ST	210	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0221/1977-0222/1977	BELLFLOWER AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0486/1923-0487/1923	ALLRED ST	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0103/1923-0104/1923	DEERFORD ST	154	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0641/1977-0642/1977	MICHELSON ST	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0194/1924-0213/1924	COUNTRY CLUB DR	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0811/1977-0812/1977	TURNERGROVE AV	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0269/2030-0270/2030	208TH ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0278/2031-TRNK/2031	CENTRALIA AV	66	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0095/1924-0096/1924	OBISPO AV	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0493/2031-0494/2031		86	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0121/1923-0122/1923	OBISPO AV	122	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0533/1923-0562/1923	ALLEY	137	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0236/1978-0255/1978	KNOXVILLE AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0153/1977-0154/1977	COLDBROOK AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0269/1923-0270/1923	DEERFORD ST	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0007/1977-0008/1977	CLARK AV	381	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0010/1977-0011/1977	CLARK AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0259/1978-0260/1978	CARSON ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0268/1977-0296/1977	COLDBROOK AV	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0306/1977-0307/1977	DUNROBIN AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0010/1978-0015/1978		275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0541/1923-0592/1923	BLACKTHRONE AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0023/1977-0166/1976	PEARCE AV	449	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0136/1924-0137/1924	WARWOOD RD	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0340/1977-0341/1977	WOODRUFF AV	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0110/2083-0111/2083		144	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0012/1923-0698/1923	ELDERHALL AV	74	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0171/1923-0172/1923	DANELAND ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0073/1976-0074/1976		361	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0062/1923-0065/1923	MAYBANK AV	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0559/1977-0560/1977	ALLEY	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0315/1923-0316/1923	DOWNEY AV	215	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0425/1923-0426/1923	COKE AV	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0054/2030-0055/2030	NIPOMO AV	160	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0029/1923-0030/1923	DEEBOYAR AV	160	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0236/2030-0237/2030	DEL AMO BV	284	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0143/2084-0149/2084	212TH ST	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0611/1923-0612/1923	WHITEWOOD AV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0003/2084-0038/2083	ELY AV	386	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0215/1924-0216/1924	FLEET HAVEN RD	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0225/1977-0226/1977	ADENMOOR AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0066/1924-0067/1924		74	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0087/2031-0088/2031	SEABORN ST	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0062/2030-0074/2030	PETALUMA AV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0191/1976-0192/1976	HEDDA ST	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	

0600/1923-0601/1923	GRAYWOOD AV	314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0042/1923-0173/1923	DOLLAR ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0376/2030-TRNK/2030	RENVILLE ST	65	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0041/1923-0042/1923	DOLLAR ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0520/1923-0521/1923	FAIRMAN ST	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0679/1923-0680/1923	CENTRALIA ST	206	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0070/1924-0071/1924		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0140/2031-0217/2031	216TH ST	203	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0387/1976-0426/1976	ADENMOOR AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0133/1977-0217/1977	BELLFLOWER AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0039/2084-0040/2084	VERNE AV	111	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0334/1977-0335/1977		301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0757/1977-0813/1977	CANEHILL AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0452/1977-0453/1977	TURNERGROVE DR	229	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0337/1976-0338/1976	ASHWORTH ST	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0504/1923-0505/1923	ARBOR ST	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0118/2030-0435/2030	DEL AMO BV	282	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0695/1923-0696/1923		330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0158/2031-0159/2031	CENTRALIA AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	10	
0199/1977-0200/1977	AUTRY AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0157/1977-0158/1977	DUNROBIN AV	218	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0162/1977-0179/1977	MICHELSON ST	194	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0104/1977-0105/1977	AUTRY AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0081/1924-0082/1924	PARAMOUNT BV	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0026/1977-0027/1977	PEARCE AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0024/2031-TRNK/2031	LOS COYOTES DIA	60	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0156/1976-0157/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0057/2083-0058/2083	ELVINS ST	122	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0210/1924-0211/1924	FAIRMAN ST	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0072/1924-0073/1924		223	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0372/1976-0373/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0054/1924-0068/1924		339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0080/1977-0081/1977	LORELEI AV	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0624/1977-0625/1977	DILLMAN ST	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0529/1977-0574/1977	RADNOR AV	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0042/1924-0084/1924	GREENMEADOW RD	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0128/2030-0129/2030	RENVILLE ST	368	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0185/1924-0186/1924	PARKVIEW DR	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0637/1923-0638/1923	HAZELBROOK AV	335	IN SERVICE	GRAVITY	DUCTILE IRON PIPE	1923	8	
0302/2030-0303/2030	ALLEY	309	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0037/1923-0075/1923	DEEBOYAR AV	292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0763/1977-0764/1977	CONQUISTA AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0774/1977-0775/1977	PALO VERDE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0058/1978-0059/1978	RADNOR AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0662/1977-0663/1977	CANDLEWOOD ST	227	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0053/1924-0054/1924		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	

0148/2030-0149/2030	CHADWELL ST	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0077/2083-0078/2083	WALCROFT ST	176	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0478/1923-0479/1923	CASTANA AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0353/1923-0354/1923	OLIVA AV	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0347/1977-0348/1977	EDGEFIELD ST	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0213/1924-0214/1924	BOUTON DR	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0153/2030-0158/2030	209TH ST	221	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0015/1923-0016/1923	ELDERHALL AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0277/1922-0278/1922		264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0081/1922-0212/1922	KIMA CT	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0068/2030-0069/2030	SHADEWAY RD	77	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0136/2031-0215/2031	215TH ST	176	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0804/1977-0805/1977	LADOGA AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0445/1977-0446/1977	FAUST AV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0344/1977-0345/1977		230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0148/2084-0149/2084	VERNE AV	212	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0055/1923-0056/1923	LARK BAY LN	221	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0593/1977-0840/1977	CENTRALIA ST	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0090/2031-TRNK/2031	CENTRALIA AV	52	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0200/1923-0201/1923	YEARLING ST	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0476/1923-0477/1923	CASTANA AV	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0424/1923-0425/1923	COKE AV	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0030/1923-0052/1923	HARDWICK ST	146	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0186/1924-0187/1924	PARKVIEW DR	203	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0001/2084-0282/2031	CENTRALIA AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0137/2031-0138/2031	216TH ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0128/1978-0129/1978	SNOWDEN AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0246/2030-0247/2030	205TH ST	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0649/1923-0738/1923	FACULTY AV	170	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0061/2031-0062/2031	QUIGLEY AV	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0338/1977-0374/1977	SOUTH ST	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0133/2084-0134/2084	GRADWELL ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0054/1977-0055/1977		203	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0122/1923-0123/1923	WOLFE ST	284	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0039/1977-0040/1977	HERSHOLT AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0692/1977-0693/1977	DASHWOOD ST	217	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0448/2030-0449/2030		90	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0105/1922-0106/1922		344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0549/1977-0550/1977	GONDAR AV	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0818/1977-0819/1977	ARBOR ST	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0196/1977-0420/1977	CANDLEWOOD ST	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0207/1923-0208/1923	ECKLESON ST	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0097/2031-0129/2031	214TH ST	164	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0088/1922-0114/1922		320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0570/1977-0571/1977	SANDWOOD ST	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0120/1922-0266/1922	ANDY ST	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	

0159/1977-0160/1977	DUNROBIN AV	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0236/1977-0263/1977	BRIERCREST AV	206	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0473/1923-0474/1923	HAYTER AV	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0001/2031-0233/1978	FAIRMAN ST	104	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0026/1924-0027/1924	NELSONBARK AV	220	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0085/1923-0086/1923	VANGOLD AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0077/1923-0078/1923	DEEBOYAR AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0112/1924-0113/1924	CLUBHOUSE DR	167	IN SERVICE	GRAVITY	LINED VITRIFIED CLAY PIPE	1924	8	
0043/2084-0044/2084	ELY ST	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0235/1977-0236/1977	BRIERCREST AV	206	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0117/1978-0118/1978	GONDAR AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0278/1977-0279/1977	BELLFLOWER BV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0510/1977-0511/1977	DEL AMO BV	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0209/1978-0210/1978	HACKETT AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0468/1977-0469/1977	DANLAND ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0012/1977-0013/1977	FIDLER AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0136/1977-0137/1977	ADENMOOR AV	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0759/1977-0760/1977	CARFAX AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0400/1976-0401/1976		64	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0060/1978-0087/1978	RADNOR AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0069/1978-0548/1977	WOODRUFF AV	191	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0065/1978-0537/1977	ALBURY AV	347	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0545/1923-0546/1923	CAMERINO ST	193	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0069/2030-0074/2030	CENTRALIA ST	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0754/1977-0777/1977	HACKETT AV	233	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0540/1923-0541/1923	CAMERINO ST	261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0020/2083-0021/2083	HAWAIIAN AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0055/2083-0056/2083	WARDHAM AV	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0399/2030-0400/2030	DELVIN AV	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0100/2083-0101/2083	206TH ST	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0226/1923-0227/1923	DEL AMO BV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	15	
0092/2031-0114/2031	211TH ST	179	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0390/2030-0391/2030	208TH ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0093/1977-0094/1977	DEL AMO BV	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	21	
0004/1977-0005/1977	SUNFIELD AV	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0409/2030-0410/2030	ALLEY	235	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0422/1923-0423/1923	MINTURN AV	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0214/1923-0221/1923	ALLEY	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0319/1923-0320/1923	DOWNEY AV	215	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0089/2030-0090/2030	LONGWORTH AV	113	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0013/2083-0014/2083		354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	12	
0018/2031-0069/2031	REDLINE DR	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0146/2031-0147/2031	ALLEY	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0219/2031-0221/2031		328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0136/2030-0137/2030	STILLMAN ST	149	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0363/1977-0364/1977	CANEHILL AV	367	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0439/1977-0440/1977	FANWOOD AV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0096/1978-0121/1978	HARVEY WY	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0218/1924-0219/1924	FLEET HAVEN RD	195	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0674/1977-0675/1977	TURNERGROVE DR	203	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0024/2031-0025/2031	ALLEY	171	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0238/1978-0239/1978	KNOXVILLE AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0195/2031-0196/2031	PIONEER AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	12	
0606/1977-0607/1977	KETTLER AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0205/1978-0206/1978	PALO VERDE AV	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0076/2031-0077/2031	STEVELY AV	197	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0648/1976-0649/1976	CANEHILL AV	140	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0094/1976-0175/1976		256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0608/1977-0625/1977	DILLMAN ST	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0610/1923-0611/1923	WHITEWOOD AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0615/1976-0616/1976	WOODRUFF AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0400/2030-0401/2030	DELVIN AV	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0300/2030-0301/2030	ALLEY	314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0587/1977-0588/1977	TANGLEWOOD ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0114/2030-0115/2030	WALCROFT ST	167	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0069/1923-0072/1923	DEL AMO BV	38	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0042/2083-0043/2083	207TH ST	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0046/2030-0047/2030	TURNERGROVE DR	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0119/2031-0120/2031	212TH ST	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0078/1923-0079/1923	DEEBOYAR AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0613/1976-0614/1976	WOODRUFF AV	60	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0017/1978-0023/1978	MARBER AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	12	
0718/1923-0719/1923	WAGNER AV	335	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0342/1977-0382/1977		203	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0690/1977-TRNK/1977	DASHWOOD AV	157	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0230/1978-0231/1978	JOSIE AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0758/1977-0759/1977	CARFAX AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0210/1978-0211/1978	HACKETT AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0547/1976-0631/1976	FAUST AV	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0762/1977-0763/1977	CONQUISTA AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0216/1977-0223/1977	BELLFLOWER AV	107	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0167/1977-0168/1977	SOUTH ST	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0094/1924-0131/1924	FLANGEL ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0053/1923-0054/1923	HARDWICK ST	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0123/1923-0124/1923	WOLFE ST	284	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0071/2083-0072/2083	CHADWELL ST	162	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0085/2031-0086/2031	CARSON ST	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0079/1924-0080/1924	PARAMOUNT BV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0048/2083-0049/2083	207TH ST	206	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0096/2030-0097/2030	HARVEST AV	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0182/1924-0183/1924	PARKVIEW DR	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0449/1923-0450/1923	DEL AMO BV	119	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	

0205/1923-0393/1923	YEARLING ST	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0029/2030-0030/2030	LOOMIS ST	208	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0112/1922-0113/1922		344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0160/2031-TRNK/2031	ARLINE AV	158	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	15	
0598/1923-0599/1923	GRAYWOOD AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0586/1977-0587/1977	TANGLEWOOD ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0214/1978-0215/1978	HACKETT AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0356/1977-0357/1977	GONDAR AV	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0463/1977-0464/1977	CHESTEROAK DR	155	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0177/1924-0178/1924	CONANT ST	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0001/1978-0002/1978	BELLFLOWER BV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0620/1976-0621/1976	WOODRUFF AV	355	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0222/1977-0223/1977	BELLFLOWER AV	133	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0224/1924-0225/1924	ALLEY	223	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0089/1922-0095/1922		325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0072/2030-0073/2030	CENTRALIA ST	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0026/1923-0041/1923	DOLLAR ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0013/1923-0698/1923	ELDERHALL AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0463/1923-0519/1923	DOWNEY AV	143	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0001/2084-0003/2084	CENTRALIA ST	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0625/1923-0626/1923	PEPPERWOOD AV	287	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0384/1977-0385/1977	SOUTH ST	136	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0258/1922-0319/1922		335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0259/1922-0327/1922		55	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0082/2030-0436/2030	STEVELY AV	222	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0016/1924-0037/1924	BOMBERRY ST	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0462/1923-0491/1923	LOOMIS ST	314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0345/1923-0346/1923	CASTANA AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0098/2083-0099/2083	206TH ST	160	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0004/2031-0005/2031	PAULA ST	164	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0092/1976-0159/1976		256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0155/1976-0156/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0196/1977-0197/1977	CANDLEWOOD ST	75	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0454/1977-0673/1977	TURNERGROVE DR	204	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0040/1977-0041/1977	HERSHOLT AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0400/1977-0401/1977	CAPETOWN ST	192	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0311/2030-0312/2030	ARLINE AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0035/2083-0036/2083	CLARETTA AV	358	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	12	
0279/1977-0280/1977	BELLFLOWER BV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0045/1923-0046/1923	DASHWOOD ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0067/2030-0437/2030	SHADEWAY RD	89	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0171/2031-0185/2031	SEELEY PL	121	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0151/2031-0152/2031	ALLEY	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0080/1924-0081/1924	PARAMOUNT BV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0043/1924-0044/1924	CARSON ST	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0295/2030-0296/2030	PIONEER BV	66	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	

0119/1976-0128/1976	ALLINGTON ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0201/1976-0202/1976	HEDDA ST	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0781/1977-0782/1977	HACKETT AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0667/1977-0671/1977	EDGEFIELD ST	124	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0108/1978-0109/1978	FRECKLES RD	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0379/1976-0434/1976	HEDDA ST	148	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0117/1924-0118/1924	CLUBHOUSE DR	347	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0077/1978-0078/1978	ELKPORT ST	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0351/1977-0388/1977	WOLFE ST	121	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0072/1977-0073/1977	PREMIERE AV	358	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0138/2084-0139/2084	DARTMOOR ST	120	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0096/1923-0097/1923	MAYBANK AV	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0621/1923-0622/1923	LAKEWOOD BV	118	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0634/1976-0658/1976	ANDY ST	195	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0233/2030-0234/2030		340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0073/2083-0074/2083	WARDHAM AV	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0705/1977-0713/1977	RACHEL AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0093/2031-0117/2031	212TH ST	156	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0343/1923-0344/1923	HAYTER AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0036/2083-0037/2083	CLARETTA AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	12	
0116/1924-0117/1924	CLUBHOUSE DR	89	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0404/1923-0442/1923	DEL AMO BV	199	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0142/2031-0143/2031	CARSON ST	342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0187/2031-0188/2031	ROSSFORD AV	189	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0362/1976-0363/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0432/1977-0433/1977	WOODRUFF AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0082/1924-0083/1924	PARAMOUNT BV	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0776/1977-0830/1977	PALO VERDE AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0601/1977-0640/1977	MICHELSON ST	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0192/1923-0193/1923	HARDWICK ST	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0216/2030-0222/2030	ALBURTIS AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0253/2030-0254/2030	205TH ST	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0266/1922-0273/1922		183	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0372/1923-0379/1923	HAYTER AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0745/1977-0746/1977	MAMIE AV	97	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0003/1923-0004/1923	DEEBOYAR AV	232	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0283/1922-0284/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0495/2031-0496/2031		89	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0076/2031-TRNK/2031	STEVELY AV	87	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0697/1977-0698/1977	DENMEAD ST	237	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0348/1977-0349/1977	EDGEFIELD ST	167	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0611/1976-0612/1976	ALLINGTON ST	140	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0201/1977-0202/1977	AUTRY AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0125/2031-0126/2031	213TH ST	317	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0049/1977-0050/1977	CANDLEWOOD ST	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0186/2031-0187/2031		129	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	

0598/1923-0315/1922	GRAYWOOD AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0813/1977-0814/1977	ARBOR ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0406/1976-0407/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0217/1978-0218/1978	IROQUOIS AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0153/1923-0154/1923	OBISPO AV	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0432/1976-PUMP/1976		116	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0349/1923-0350/1923	CASTANA AV	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0084/1922-0085/1922	ASHWORTH ST	165	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0076/2083-TRNK/2083	BLOOMFIELD AV	50	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0097/2083-0098/2083	WILDER AV	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0085/2030-0092/2030	HARVEST AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0100/1977-0101/1977	DEL AMO BV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0242/1978-0243/1978	LADOGA AV	329	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0251/2030-0252/2030	205TH ST	153	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0045/2083-0046/2083	CORTNER AV	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0087/2031-0109/2030	LONGWORTH AV	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0247/1922-0316/1922		319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0137/1976-0138/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0656/1977-0657/1977	CANDLEWOOD ST	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0051/1924-0052/1924		342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	12	
0139/2031-0140/2031	216TH ST	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0181/1923-0182/1923	DASHWOOD ST	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0499/1977-0500/1977	ALLEY	211	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0414/1923-0415/1923	BARLIN AV	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0198/2031-0199/2031	VIOLETA AV	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0171/2031-0172/2031	MASSINGER ST	132	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0130/1923-0131/1923	CANDLEWOOD ST	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0295/1923-0296/1923	FAIRMAN ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0584/1923-0585/1923	BONFAIR AV	349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0008/1923-0017/1923	DEL BAY CR	115	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0010/1923-0011/1923	DEL BAY CR	213	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0161/2031-0162/2031	CENTRALIA AV	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0436/1923-0615/1923		191	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0506/1923-0507/1923	ELSA ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0177/2031-0178/2031	DALAMAN AV	149	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0326/2031-0423/2030	NORWALK BV	356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0118/2083-0119/2083	WILDER AV	186	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0112/1978-0113/1978	VILLAGE RD	322	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0212/1978-0252/1978	HACKETT AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0070/1978-0071/1978	WOODRUFF AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0031/2084-TRNK/2084	BLOOMFIELD AV	179	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0199/1976-0200/1976	HEDDA ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0256/1977-0490/1977	ECKLESON ST	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0645/1976-0722/1976	HEDDA ST	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0365/1976-0366/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	12	
0163/1976-0164/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	

0450/1977-0451/1977	TURNERGROVE DR	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0649/1976-0650/1976	CANEHILL AV	159	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0030/1978-0031/1978	MARWICK AV	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0380/1923-0381/1923	CANDLEWOOD ST	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0467/1923-0497/1923	SANDWOOD ST	207	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0264/1922-0279/1922	ALLEY	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0319/1923-0357/1923	ALLEY	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0084/1977-0085/1977	LORELEI AV	365	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0249/1978-0250/1978	HARVEY WAY	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	10	
0425/1976-0426/1976	ALLINGTON ST	152	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0542/1923-0597/1923	HAZELBROOK AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0308/1923-0309/1923	GREENTOP ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0361/1977-0381/1977	CANEHILL AV	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	12	
0448/1977-0449/1977	TURNERGROVE DR	243	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0633/1976-0634/1976	FAUST AV	164	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0024/1923-0060/1923	SPARROW HILL LN	216	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0387/2030-0388/2030	LEMMING ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0089/2031-TRNK/2031	SEABORN ST	62	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0447/1923-0691/1923	DEL AMO BV	167	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0325/2031-TRNK/2030	NORWALK BV	99	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0375/1923-0382/1923	CANDLEWOOD ST	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0409/1977-0410/1977	CAMERINO ST	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0128/1923-0129/1923	CANDLEWOOD ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0466/1923-0467/1923	COKE AV	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0274/1977-0275/1977	BELLFLOWER BV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0063/1924-0064/1924		166	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0015/2083-0042/2083	207TH ST	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0735/1977-0736/1977	IANITA ST	220	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0254/1978-0255/1978	HARVEY WY	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0148/1976-0149/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0618/1976-0619/1976	WOODRUFF AV	309	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0147/1924-0148/1924	GREENMEADOW RD	275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0498/1977-0499/1977	ALLEY	176	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0385/1976-0435/1976		316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0669/1977-0670/1977	CHARLESWOOD ST	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0286/2030-0287/2030	ALBURTIS AV	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0243/1922-0282/1922		319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0627/1923-0628/1923	PEPPERWOOD AV	128	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0115/1924-0116/1924	CLUBHOUSE DR	160	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0210/2030-0211/2030	JERSEY AV	106	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0215/2030-0216/2030	ALBURTIS AV	422	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0381/1923-0433/1923	OLIVA AV	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0031/2030-0041/2030	NIPOMO AV	223	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0624/1923-0662/1923	LAKEWOOD BV	354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0088/2083-0089/2083	WILDER AV	180	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0001/1977-0002/1977	SUNFIELD AV	354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0181/2031-0183/2031	ROCKWALL ST	149	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0162/2030-0163/2030	ROSETON AV	166	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0145/1924-0146/1924	VILLAGE RD	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0615/1923-0616/1923	ALLEY	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0801/1977-0812/1977	LADOGA AV	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0601/1976-0602/1976	IBBETSON AV	339	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0271/1977-0315/1977	OCANA AV	329	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0327/1977-0011/1978	BRIERCREST AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0008/1924-0009/1924	FLANGEL AV	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0021/1977-0050/1977	PREMIERE AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0106/1977-0107/1977	AUTRY AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0029/1977-0074/1977	PEARCE AV	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0382/1976-0383/1976		356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0224/1978-0261/1978	IROQUOIS AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0053/2031-0062/2031	PETALUMA AV	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0372/1923-0373/1923	CAMERINO ST	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0440/1976-0441/1976	ROCKET ST	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0158/1977-0159/1977	DUNROBIN AV	218	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0627/1976-0735/1976	FANWOOD AV	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0157/2031-0158/2031	CENTRALIA AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	10	
0543/1923-0602/1923	GRAYWOOD AV	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0225/1923-0226/1923	DEL AMO BV	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	15	
0443/1923-0444/1923	DEL AMO BV	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0327/1923-0328/1923	DOWNEY AV	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0374/1923-0538/1923	CAMERINO ST	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0130/1924-0131/1924	FLANGEL ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0683/1977-0719/1977	JOSIE ST	147	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0369/1923-0370/1923	CAMERINO ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0002/2084-0289/2031	CENTRALIA AV	352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0089/1924-0152/1924	ALLEY	225	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0832/1977-0833/1977	CENTRALIA ST	261	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0535/1976-0536/1976	WOODRUFF AV	137	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0783/1977-0784/1977	HACKETT AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0207/1977-0208/1977	MONTAIR AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0114/1977-0115/1977	MONTAIR AV	335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0077/2031-0078/2031	STEVELY AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0096/1924-0137/1924	WARWOOD RD	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0138/1976-0139/1976		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0316/1922-0317/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0171/1924-0172/1924		350	IN SERVICE	GRAVITY	DUCTILE IRON PIPE	1924	8	
0050/1977-0051/1977	CANDLEWOOD ST	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0329/1923-0397/1923	DOWNEY AV	378	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0119/1923-0693/1923	OBISPO AV	174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0395/1977-0396/1977	MICHELSON ST	174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0492/1923-0493/1923	LOOMIS ST	314	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0254/1922-0255/1922	HEDDA ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	

0499/1923-0500/1923	ARBOR ST	338	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0140/2030-0141/2030	STILLMAN ST	145	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0256/1922-0257/1922	HEDDA ST	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0208/2030-0209/2030	JERSEY AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0091/1923-0092/1923	PIXIE AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0233/1923-0234/1923	DEL AMO BV	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0595/1977-TRNK/1977	CARDALE ST	235	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0460/1923-0484/1923	ALLRED ST	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0215/1978-0216/1978	HACKETT AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0204/1976-0433/1976	HEDDA ST	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0191/1977-0192/1977	CANDLEWOOD ST	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0056/2083-0057/2083	WARDHAM AV	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0242/1922-0274/1922		342	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0124/1977-0211/1977	BELLFLOWER AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0607/1976-0608/1976	HEDDA ST	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0411/1976-0412/1976		356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0037/2084-0038/2084	HAWAIIAN AV	99	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0605/1976-0606/1976		263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0255/1977-0485/1977	EBERLE ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0152/1924-0153/1924	CARSON ST	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0227/1977-0228/1977	ADENMOOR AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0204/1924-0205/1924	ANN ARBOR RD	232	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0186/1978-0187/1978	CARFAX AV	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0408/1976-0440/1976		221	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0280/1977-0281/1977	BELLFLOWER BV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0342/1977-0343/1977		200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0022/1923-0023/1923	MEADOW WOOD AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0155/1923-0156/1923	OBISPO AV	275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0066/1978-0067/1978	ALBURY AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0705/1923-0709/1923	ANDAZOLA CT	152	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0389/1923-0390/1923	DOWNEY AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0398/1923-0399/1923	DOWNEY AV	445	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0281/2030-0304/2030	209TH ST	348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0188/1924-0189/1924	HAYTER AV	207	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0126/1924-0127/1924	BOMBERRY ST	324	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0296/2030-TRNK/2030	PIONEER BV	44	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0015/2084-0016/2084	211TH ST	142	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0228/2030-0232/2030	GLORIA CT	141	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0339/1923-0340/1923	HAYTER AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0651/1923-0692/1923	C ST	136	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0126/1976-0127/1976	CLARK AV	212	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0614/1923-0642/1923	GRAYWOOD AV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0190/1976-0259/1922	HEDDA ST	214	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0297/1922-0298/1922		321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0282/1977-0283/1977	ADENMOOR AV	145	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0021/2084-0022/2084	213TH ST	287	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	

0564/1977-0565/1977	DEERFORD ST	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0166/1924-0167/1924		329	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0085/1978-0086/1978	HARVEY WY	68	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0511/1977-0512/1977	DEL AMO BV	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0095/1977-TRNK/1977	DEL AMO BV	163	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0017/1977-EAST/1977	BIGELOW ST	65	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0551/1977-0569/1977	LOOMIS ST	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0181/1978-0193/1978	GREENMEADOW RD	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0113/2031-0154/2031	CENTRALIA AV	313	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0176/2030-0263/2030	207TH ST	343	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0195/1976-0196/1976	HEDDA ST	47	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0119/1976-0120/1976	SUNFIELD AV	270	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0413/2030-0414/2030	HORST AV	106	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0386/1923-0424/1923	COKE AV	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0116/1923-0241/1923	GREENTOP ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0427/2030-0428/2030	THORNLAKE AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0391/2030-0392/2030	208TH ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0233/1923-0242/1923	OBISPO AV	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0392/1923-0393/1923	DOWNEY AV	179	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0700/1923-0701/1923	ELDERHALL AV	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0253/1923-0254/1923	LEVELSIDE AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0086/1976-0087/1976	ASHWORTH ST	101	IN SERVICE	SIPHON	VITRIFIED CLAY PIPE	1976	8	
0001/1923-0002/1923		123	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0659/1976-0660/1976	ANDY ST	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0069/2031-0077/2031	REDLINE DR	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0120/1978-0121/1978	GONDAR AV	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0560/1977-0561/1977	ALLEY	199	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0309/1977-0310/1977	EASTBROOK AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0168/1977-0170/1977	EASTBROOK AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0177/1976-0203/1976		321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0085/1977-0100/1977	LORELEI AV	168	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0226/1977-0227/1977	ADENMOOR AV	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0199/1978-0200/1978	CONQUISTA AV	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0243/1923-0244/1923	OBISPO AV	291	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0021/2083-0022/2083	ELVINS ST	108	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0104/1923-0105/1923	DEERFORD ST	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0017/2083-0018/2083		262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0314/2030-0315/2030	CLARKDALE AV	282	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0162/1923-0163/1923	KLONDIKE AV	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0114/1976-0115/1976		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0224/2030-0237/2030	LOS COYOTES BV	231	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0280/1922-0281/1922	ALLEY	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0638/1977-0639/1977	MICHELSON ST	223	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0153/1976-0154/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0404/1976-0405/1976		356	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0185/1976-0204/1976		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	

0402/1977-0403/1977	CAPETOWN ST	201	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0037/1978-0038/1978	SAN ANSELINE AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0424/1977-0439/1977	FANWOOD AV	340	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0287/1977-0288/1977	ADENMOOR AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0254/1922-0287/1922		345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0141/2030-0142/2030		85	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0629/1923-0630/1923	PEPPERWOOD AV	137	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0717/1923-0724/1923	VAN NOSTRAN DR	240	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0106/2083-0120/2083	WILDER AV	158	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0609/1977-0630/1977	WOLFE ST	201	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0061/2030-0062/2030	PETALUMA AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0426/1977-0427/1977	CANDLEWOOD ST	108	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0121/1977-0122/1977	BELLFLOWER AV	371	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0541/1977-0542/1977	WOODRUFF AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0676/1923-0677/1923	PIMENTA AV	269	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0619/1976-0620/1976	WOODRUFF AV	185	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0747/1977-0748/1977	DEL AMO BV	309	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0577/1977-0578/1977	ARBOR ST	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0772/1977-TRNK/1977	ARBOR ST	51	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0265/1977-0266/1977	DEL AMO BV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0197/1976-0198/1976	HEDDA ST	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0087/2083-0088/2083	WILDER AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0068/2083-0073/2083	WARDHAM AV	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0048/1924-0049/1924	PIXIE AV	166	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0074/2083-0075/2083	LEMMING ST	260	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0091/2083-0092/2083	CHADWELL ST	217	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0724/1923-0725/1923	VAN NOSTRAN DR	230	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0663/1923-0664/1923	DEL AMO BV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	21	
0151/1923-0172/1923	DANELAND ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0011/2084-TRNK/2084	CENTRALIA ST	42	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0328/1922-0329/1922		308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0163/1977-0180/1977	CANDOR ST	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0024/2084-TRNK/2084	214TH ST	80	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0046/2031-0084/2031	OSTROM AV	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0203/1978-0204/1978	PALO VERDE AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0038/2083-0039/2083	ELY AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0050/1923-0051/1923	DENMEAD ST	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0344/1976-0372/1976		256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0133/2030-0134/2030	206TH ST	359	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0588/1923-0589/1923	BLACKTHRONE AV	349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0144/2030-TRNK/2030		97	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0167/1923-0168/1923	BIXLER AV	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0583/1923-0291/1922	BONFAIR AV	311	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0732/1976-0733/1976	DROXFORD ST	176	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0196/1923-0197/1923	HARDWICK ST	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0051/2030-0052/2030	MONOGRAM AV	335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	

0611/1977-0612/1977	IROQUOIS AV	258	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0553/1923-0554/1923	ALLEY	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0047/1977-0048/1977	CANDLEWOOD ST	371	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0056/1924-0058/1924		252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0327/1977-0328/1977	BRIERCREST AV	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0565/1977-0566/1977	DEERFORD ST	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0771/1977-0772/1977	PALO VERDE AV	341	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0116/1978-0181/1978	GREENMEADOW RD	334	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0716/1977-0717/1977	EBERLE AV	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0019/1978-0020/1978	HARVEY WY	185	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0048/2084-0049/2084	CLARETTA AV	48	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0165/2084-0172/2084		34	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	10	
0089/1977-0090/1977	HERSHOLT AV	361	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0080/1978-0081/1978	GALLUP ST	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0437/1976-0439/1976	ROCKET ST	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0087/1922-0100/1922		330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0084/2030-0088/2030	LONGWORTH AV	237	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0194/1976-TRNK/1976	CLARK AV	102	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	15	
0332/1977-0372/1977		13	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0255/1923-0256/1923	LEVELSIDE AV	289	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0218/2030-0221/2030	CORBY AV	182	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0231/1923-0232/1923	DEL AMO BV	349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0653/1923-0654/1923	FACULTY AV	335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0708/1923-0709/1923	RYAN AV	200	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0110/2031-0171/2030	ROSETON AV	95	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0115/1923-0116/1923	GREENTOP ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0255/1922-0295/1922		335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0121/1922-0122/1922	ALLEY	300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0003/2031-0072/2031	FAIRMAN ST	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0671/1977-0732/1976	CARFAX AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0644/1977-0645/1977	CANDOR ST	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0458/1923-0476/1923	CASTANA AV	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0365/1976-0433/1976		298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	12	
0650/1976-0651/1976	CANEHILL AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0175/1977-0842/1977	EASTBROOK AV	191	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0331/1977-0586/1977	TANGLEWOOD ST	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0115/1977-0188/1977	MONTAIR AV	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0102/1977-0103/1977	AUTRY AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0091/1978-0092/1978	HARVEY WY	316	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0092/2031-0093/2031	LONGWORTH AV	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0100/2031-0115/2031	GRIDLEY AV	306	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0399/1977-0400/1977	CAPETOWN ST	126	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0244/1977-0254/1977	EBERLE ST	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0580/1977-0581/1977	ARBOR ST	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0113/1924-0114/1924	CLUBHOUSE DR	227	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0113/2083-0114/2083	CALLAWAY AV	177	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	

0168/1923-0197/1923	BIXLER AV	326	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0081/1923-0089/1923	VANGOLD AV	205	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0160/1977-0177/1977	WOLFE ST	253	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0020/1923-0048/1923	DENMEAD ST	225	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0029/2083-0030/2083	HAWAIIAN AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0151/2031-TRNK/2031	ALLEY	42	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0172/2031-0186/2031		225	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0620/1977-0621/1977	STEVELY AV	389	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0415/2030-TRNK/2030	HORST AV	100	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0130/2030-0131/2030	205TH ST	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0730/1923-0731/1923	DOWNEY AV	235	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0150/1923-0174/1923	DOLLAR ST	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0141/2084-0142/2084	WARDHAM AV	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0028/1923-0049/1923	DENMEAD ST	223	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0445/1977-0483/1977	YEARLING ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0460/1977-0836/1977	MC KNIGHT DR	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0098/1978-0129/1978	SNOWDEN AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0257/1977-0501/1977	SILVA ST	323	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0131/1923-0132/1923	CANDLEWOOD ST	308	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0009/1923-0038/1923	TRI BAY CR	200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0148/1923-0235/1923	PARAMOUNT BV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0003/1978-0004/1978	BELLFLOWER BV	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0696/1977-0003/2030	DASHWOOD ST	222	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0495/1923-0496/1923	SANDWOOD ST	415	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0100/1923-0113/1923	MAYBANK AV	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0272/2030-0288/2030	WALCROFT ST	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0118/1923-0694/1923		174	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0456/1923-0464/1923	COKE AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0121/1924-0122/1924	FAIRWAY DR	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0250/1977-0251/1977	HARDWICK ST	253	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0352/1977-0353/1977	SPAHN AV	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0023/1977-0024/1977	PEARCE AV	362	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0027/1924-0041/1924	NELSONBARK AV	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0247/1978-0264/1978	LADOGA AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0151/1977-0152/1977	COLDBROOK AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0148/1977-0192/1977	BRIERCREST AV	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0229/1977-0235/1977	ADENMOOR AV	285	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0310/1923-0311/1923	CLUBHOUSE DR	352	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0002/2031-0003/2031	FAIRMAN ST	329	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0248/1923-0297/1923	FAIRMAN ST	325	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0102/1924-0103/1924	LEVELSIDE AV	331	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0144/2030-0145/2030	SYLVANWOOD AV	101	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0212/2030-0213/2030	FLALLON AV	364	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0342/1923-0343/1923	HAYTER AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0717/1923-0718/1923	TURNER AV	260	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0183/1976-0184/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	

0040/1924-0041/1924	GREENMEADOW RD	147	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0566/1923-0567/1923	LAKEWOOD BV	332	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0155/1923-0193/1923	HARDWICK ST	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0117/1923-0314/1923		240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0016/1924-0036/1924	BOMBERRY ST	116	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0033/1977-0034/1977	LORELEI AV	312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0600/1977-0634/1977	BIGELOW ST	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0300/1977-0301/1977	COLDBROOK AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0550/1977-0551/1977	GONDAR AV	263	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0038/2031-0039/2031	NIPOMO AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0307/1977-0308/1977	DUNROBIN AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0420/1976-0421/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0065/1923-0067/1923	MAYBANK AV	280	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0039/2031-0083/2031	NIPOMO AV	278	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0248/1923-0249/1923	OBISPO AV	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0242/1923-0243/1923	OBISPO AV	259	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	12	
0254/1923-0255/1923	LEVELSIDE AV	281	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0366/1923-0367/1923	CAPETOWN ST	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0049/2030-0061/2030	PETALUMA AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0551/1923-0552/1923	ALLEY	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0596/1923-0597/1923	HAZELBROOK AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0448/1923-0449/1923	DEL AMO BV	162	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0181/1924-0188/1924	MANOR DR	376	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0556/1977-0557/1977	SNOWDEN AV	319	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0023/2083-0024/2083	RENVILLE ST	172	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0534/1923-0290/1922	ALLEY	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0477/1923-0478/1923	CASTANA AV	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0197/1977-0418/1977	CANDLEWOOD ST	328	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0384/1976-0385/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0671/1977-0672/1977	CARFAX AV	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0159/1976-0160/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0142/1977-0143/1977	BRIERCREST AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0087/1978-0088/1978	HARVEY WY	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0050/1924-0051/1924	PIXIE AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	10	
0248/1978-0249/1978	HARVEY WAY	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0047/2084-0048/2084	CLARETTA AV	66	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0003/1924-0004/1924	FLANGEL AV	349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0585/1923-0586/1923	BONFAIR AV	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0638/1977-TRNK/1977	MICHELSON ST	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0159/2030-0171/2030		277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0568/1923-0569/1923	LAKEWOOD BV	354	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0429/2030-0430/2030	BELSHIRE AV L	228	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0802/1977-0803/1977	LADOGA AV	310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0194/1977-0195/1977	CANDLEWOOD ST	337	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0647/1923-0648/1923	FACULTY AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0025/1923-0039/1923	DANELAND ST	226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	

0046/1977-0555/1923	ALLEY	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0646/1923-0647/1923	FACULTY AV	112	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0731/1923-0327/1923	DOWNEY AV	88	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	10	
0010/2083-CITY/2083		138	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0279/1923-0280/1923	SANDWOOD ST	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0835/1977-0071/2030	CENTRALIA ST	275	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0004/1978-0009/1978	ADENMOOR AV	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0657/1977-0658/1977	CANDLEWOOD ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0325/1977-0573/1977	ARBOR ST	249	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0183/1977-0184/1977	CAPETOWN ST	191	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0128/1977-0129/1977	BELLFLOWER AV	363	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0830/1977-TRNK/1977	CENTRALIA ST	44	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0048/1978-0281/1978	TILBURY ST	286	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0431/1976-PUMP/1976		125	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0265/2030-TRNK/2030	PIONEER BV	41	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0223/1922-0300/1922		299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0412/1923-0413/1923	BARLIN AV	288	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0220/2030-0221/2030	LOS COYOTES BV	176	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0445/2030-0446/2030		237	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0294/1923-0508/1923	CENTRALIA ST	347	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0686/1977-0721/1977	KNOXVILLE AV	139	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0358/1923-0359/1923	ALLEY	371	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0050/2030-0051/2030	MONOGRAM AV	335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0565/1923-0566/1923	LAKEWOOD BV	332	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0111/1923-0112/1923	FRANKEL ST	147	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0665/1977-0666/1977	CANDLEWOOD ST	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0068/2030-0437/2030	SHADEWAY RD	127	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0272/1977-0273/1977	ALLEY	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0179/1976-0180/1976		300	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0023/1924-0040/1924	PIXIE AV	239	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0357/1977-0358/1977	GONDAR AV	244	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0161/1977-0162/1977	DUNROBIN AV	247	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0034/2031-0035/2031	NIPOMO AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0053/2030-0071/2030	MONOGRAM AV	211	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0253/1922-0254/1922	HEDDA ST	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0118/2083-PUMP/2083		94	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0393/1923-0400/1923	DOWNEY AV	40	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0034/1923-0061/1923	ECKLESON ST	348	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0693/1977-0694/1977	DASHWOOD ST	255	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0714/1923-0715/1923	PIERCY AV	335	IN SERVICE	GRAVITY	ABS COMPOSITE PIPE	1923	8	
0522/1923-0523/1923	FAIRMAN ST	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0175/1923-0176/1923	DOLLAR ST	345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0253/1922-0284/1922		345	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0110/1922-0111/1922		310	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0648/1923-0656/1923	A ST	204	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0264/1977-0265/1977	DEL AMO BV	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	

0482/1923-0483/1923	OLIVA AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0058/1977-0059/1977	CLARK AV	217	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0190/2031-0191/2031	PIONEER AV	200	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0001/2084-0047/2083	CORTNER AV	408	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0737/1923-0739/1923		148	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0494/1923-0495/1923	SANDWOOD ST	403	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0211/2030-0236/2030	JERSEY AV	297	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0725/1976-0726/1976	HUNGERFORD ST	207	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	10	
0388/2030-0408/2030	LEMMING ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0301/1977-0328/1977	COLDBROOK AV	320	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0321/2030-0379/2030	207TH ST	250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0072/2031-0082/2030	STEVELY AV	267	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0143/2084-0144/2084	HAWAIIAN AV	183	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0252/2030-0306/2030	ARLINE AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0094/2030-0095/2030	HARVEST AV	299	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0062/1978-0063/1978	RADNOR AV	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0028/2083-0029/2083	HAWAIIAN AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0245/1923-0280/1923	SANDWOOD ST	307	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0103/2083-0104/2083	VANDEMERE ST	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0020/1923-0021/1923	MEADOW WOOD AV	233	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0208/2031-0209/2031	215TH ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	10	
0388/1923-0389/1923	DOWNEY AV	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0625/1976-0626/1976	WOODRUFF AV	318	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0107/1924-0108/1924	LEVELSIDE AV	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0003/2030-0016/2030	DASHWOOD ST	206	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0071/1977-0072/1977	PREMIERE AV	358	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0043/2031-0044/2031	OSTROM AV	295	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0002/1924-0011/1924	VANGOLD AV	170	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0277/2030-0280/2030	ALLEY	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0149/2031-0150/2031	ALLEY	84	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0617/1977-0661/1977	KNOXVILLE AV	133	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0539/1923-0573/1923	CAMERINO ST	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0301/1922-0302/1922		349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0322/1977-0323/1977	ARBOR ST	268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0026/2031-0027/2031	SCHROLL ST	264	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0197/1924-0217/1924		221	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0833/1977-0834/1977	CENTRALIA ST	257	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	10	
0185/1978-0248/1978	CANEHILL AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0368/1976-0369/1976	ALLEY	351	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0091/1922-0109/1922		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0305/2030-0306/2030	ARLINE AV	274	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0331/1923-0332/1923	VERDURA AV	236	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0606/1923-0607/1923	PENNSWOOD AV	350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0114/1976-0191/1976		335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0226/1978-0227/1978	JOSIE AV	346	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0258/2030-0259/2030	206TH ST	245	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	

0405/2030-0406/2030	ELAINE AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0090/1923-0091/1923	PIXIE AV	254	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0018/2031-0070/2031	REDLINE DR	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0060/1977-0061/1977	CLARK AV	367	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0177/2084-TRNK/2084	BLOOMFIELD AV	64	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0602/1976-0611/1976	ALLINGTON ST	212	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0108/1924-0109/1924	LEVELSIDE AV	344	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0347/1977-0630/1976	FANWOOD AV	385	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0094/2031-0095/2031	LONGWORTH AV	123	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0509/1977-0510/1977	DEL AMO BV	327	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0203/1977-0204/1977	AUTRY AV	186	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0176/1924-0177/1924	CONANT ST	330	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	15	
0312/1977-0313/1977	EASTBROOK AV	230	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0006/1977-0044/1977	SUNFIELD AV	277	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0454/1977-0489/1977	EBERLE ST	252	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0136/1978-0282/1978	ALLEY	84	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0602/1977-0603/1977	HACKETT AV	321	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0373/1976-0374/1976		350	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0323/2030-0324/2030	SEINE AV	302	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0028/1924-0029/1924	MAYBANK AV	262	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0179/2030-0180/2030	CHADWELL ST	238	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0078/1924-0241/1923	PARAMOUNT BV	294	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0557/1923-0558/1923	PIMENTA AV	305	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0106/2083-0107/2083	RENVILLE ST	242	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2083	8	
0674/1923-0675/1923	PIMENTA AV	296	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0003/2084-0006/2084	CENTRALIA ST	271	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0265/1923-0266/1923	ALLRED ST	283	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0293/1922-0294/1922		312	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0003/2031-0011/2031	JOHANNA AV	292	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2031	8	
0807/1977-0029/2030		215	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0204/1978-0251/1978	PALO VERDE AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0144/2084-0145/2084	HAWAIIAN AV	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0087/1924-0089/1924		250	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0549/1977-0563/1977	SUGARWOOD ST	224	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0778/1977-0779/1977	HACKETT AV	266	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0632/1977-TRNK/1977	BIGELOW ST	150	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0456/1977-0457/1977	MC KNIGHT DR	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0021/1924-0022/1924	PIXIE AV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0427/1977-0428/1977	CANDLEWOOD ST	373	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0061/1978-0062/1978	RADNOR AV	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0678/1977-0699/1977	DENMEAD ST	54	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0429/1977-0430/1977	CANDLEWOOD ST	117	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0024/1978-0025/1978	MARBER AV	303	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	12	
0151/2084-0152/2084	211TH ST	119	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2084	8	
0190/1978-0249/1978	CARFAX AV	253	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0410/1977-0428/1977		226	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	

0447/1977-0448/1977	TURNERGROVE DR	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0089/1976-0090/1976	REVA CT	184	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0192/1977-0193/1977	CANDLEWOOD ST	256	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0262/1922-0263/1922		183	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1922	8	
0418/1923-0444/1923	BARLIN AV	241	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0326/1923-0327/1923	DOWNEY AV	353	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0580/1923-0581/1923	PEPPERWOOD AV	301	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0105/2030-0106/2030	STILLMAN ST	201	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0382/2030-0383/2030	207TH ST	248	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0515/1923-0678/1923	PIMENTA AV	169	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0662/1923-0663/1923	DEL AMO BV	102	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	18	
0195/1924-0528/1923	BOUTON DR	403	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0214/2030-0223/2030	FLALLON AV	335	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0311/2031-0407/2030	ELAINE AV	373	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	10	
0120/1923-0695/1923	OBISPO AV	164	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0341/1976-0342/1976	ASHWORTH ST	290	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0145/1977-0146/1977	BRIERCREST AV	336	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0283/1978-0284/1978		116	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	15	
0231/1977-0232/1977	BRIERCREST AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0067/1977-0097/1977	FIDLER AV	180	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0353/1977-0400/1977	SPAHN AV	294	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0064/1924-0066/1924		268	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0387/1923-0388/1923	DOWNEY AV	293	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0088/2031-0117/2030	HARVEST AV	102	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0093/2030-0094/2030	HARVEST AV	298	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	2030	8	
0664/1977-0692/1977	DASHWOOD ST	222	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0263/1978-0264/1978	CARSON ST	279	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0589/1923-0590/1923	BLACKTHRONE AV	349	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0098/1977-0099/1977	DEL AMO BV	273	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	15	
0378/1976-0379/1976	BELLFLOWER BV	246	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1976	8	
0122/1978-0123/1978	MC NAB AV	304	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0135/1978-0136/1978	CARSON ST	240	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	
0031/1924-0032/1924	MAYBANK AV	276	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1924	8	
0509/1923-0510/1923	CENTRALIA ST	347	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1923	8	
0239/1977-0240/1977	COLDBROOK AV	315	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1977	8	
0014/1978-0015/1978	BRIERCREST AV	190	IN SERVICE	GRAVITY	VITRIFIED CLAY PIPE	1978	8	

APPENDIX D

City Emergency Spill Response Reference Sheet



Spills in Public Right-of-Way Emergency Response Quick Reference Sheet

The following steps summarize the steps for spills in the Public Right-of-Way. Refer to the Los Angeles County Public Works' "Spill Emergency Response Plan" document for more details on their response plan for spills from sanitary sewer system.

Notification Response Steps:

1. **Immediately:** Contact LA County Public Works, Sewer Maintenance District (LACPW-SMD) for public sewer spills 1-800-675-4357. Wait at spill site until they arrive. If original notification is from the Public, contact City Field crew to go to the site.
2. If LACPW-SMD does not arrive **within 15 minutes**, contact LA County Department of Public Health, 1-888-700-9995 or 213-974-1234 (24-hour reporting) to report a spill.
 - a. If possible, contain/block the spill so that it does not reach gutter or storm drain;
 - b. Document the spill (photos, address, estimated volume/flow, description, etc.).
 - c. If it looks like it is from private property, contact City Gatekeeper.
3. If LACPW-SMD does not show up, or they refer it back to City, report any spill that is equal to or greater than 1,000 gallons to 1-800-852-7550 **within 2 hours**.
4. If it is not a public sewer issue, LACPW-SMD will refer back to City to clean up and work with private party for clean-up/citation.

Sequence	Position/Name	Phone
1	Public Works 24 Hour Gatekeeper	562-866-9771 ext. 2
2	Public Works Standby	562-562-866-9771 ext. 2
3	Environmental Programs Manager	562-562-866-9771 ext. 2507
4	Director of Public Works	562-866-9771 ext. 2501

Agency	Location & Contact Info.
LA County Public Works – Sewer Maintenance District	1-800-675-4357 (24-hr emergency line)
ENVIRONMENTAL HEALTH (LA County) District Surveillance & Enforcement Branch East Region District Office	12440 E. Imperial Hwy. #519 Norwalk, CA 90650 1-562-345-6800
California State Warning Center Governor's Office of Emergency Services	1-800-852-7550 warning.center@oes.ca.gov

Other Resources	Phone
Ocean Blue	562-624-4120 / 562-755-2677

APPENDIX E

City Maintenance Map Periodics 2022-2024

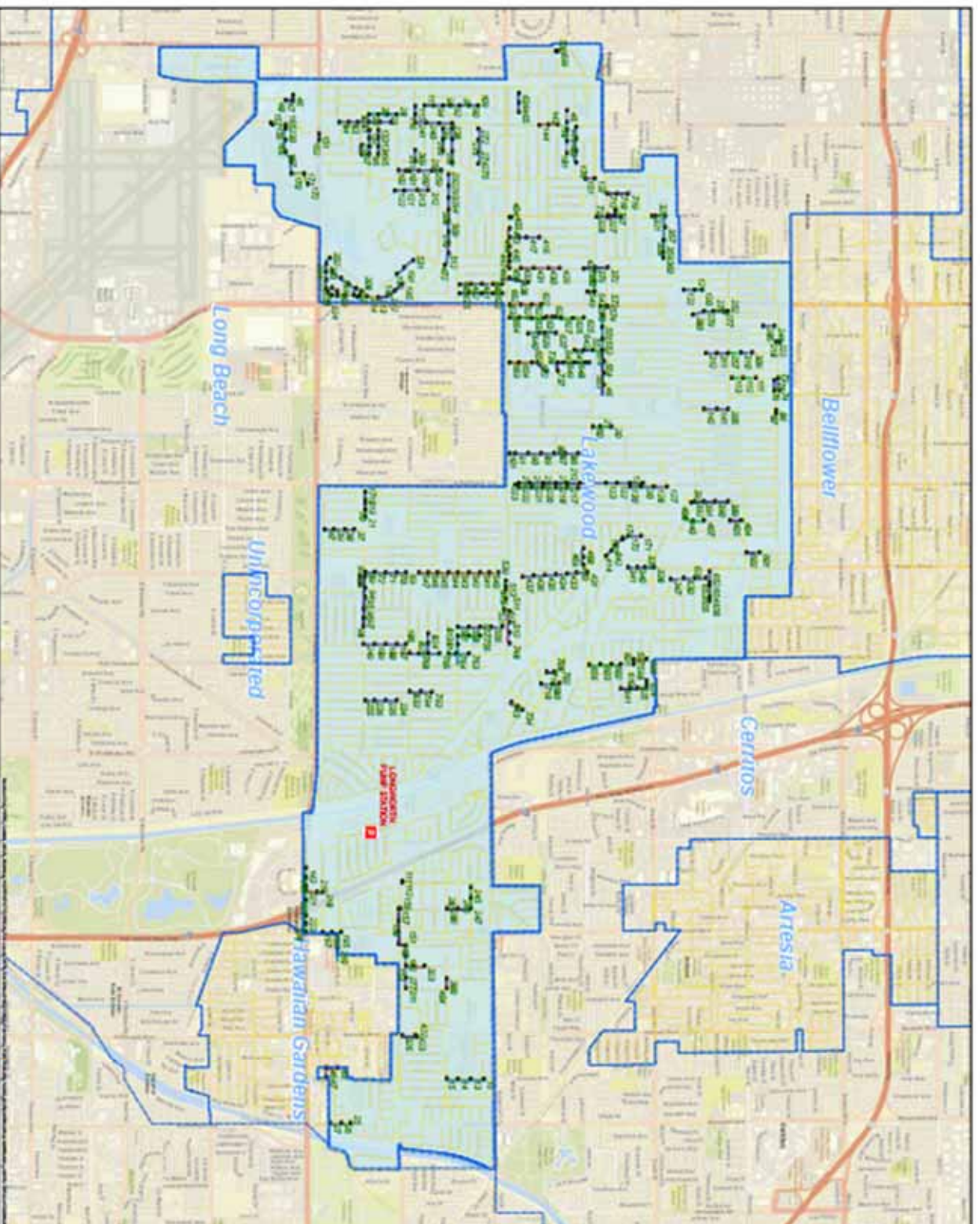




Legend

Periodic Frequency

- 60 DAYS
- 90 DAYS
- 120 DAYS
- 150 DAYS
- 180 DAYS
- 12 MONTHS
- 15 MONTHS
- 18 MONTHS
- PUMP STATION
- MANHOLE
- SEWER



APPENDIX F

CSMD Request for Time Extension



From: [WB-DWQ-SanitarySewer](#)
To: [May Hong](#); [WB-DWQ-SanitarySewer](#)
Cc: [Alex Villarama](#); [Voltaire Llana](#); [Linh La](#); [Andrew Ngumba](#); [Voltaire Llana](#); [Linh La](#)
Subject: RE: CSMD SSMP Extension Request
Date: Friday, May 2, 2025 9:19:11 AM

CAUTION: External Email. Proceed Responsibly.

May,

There is no formal approval of an SSMP Extension Request, however, it will be good to include this cover letter when the SSMP is eventually submitted so that is on record the reason for the delay. The system will still keep the current due date and once the SSMP is submitted the county will be in compliance. The schedule for future SSMPs will continue as specified by the current Sanitary Sewer Order 2022-0103-DWQ. The due dates will not change. Anything else, let us know. Thanks.

Renan Jauregui
WRC Engineer
SWRCB/DWQ
NPDES Wastewater Unit
(916) 341-5505

Confidentiality Notice: This e-mail message, including any attachments, is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply e-mail and destroy all copies of the original message

From: May Hong <MAHONG@dpw.lacounty.gov>
Sent: Thursday, May 1, 2025 4:31 PM
To: WB-DWQ-SanitarySewer <DWQ-SanitarySewer@Waterboards.ca.gov>
Cc: Alex Villarama <AVILLA@dpw.lacounty.gov>; Voltaire Llana <VLLANA@dpw.lacounty.gov>; Linh La <LLa@dpw.lacounty.gov>; Andrew Ngumba <ANGUMBA@dpw.lacounty.gov>; Voltaire Llana <VLLANA@dpw.lacounty.gov>; Linh La <LLa@dpw.lacounty.gov>
Subject: RE: CSMD SSMP Extension Request

Caution: External Email. Use caution when clicking links or opening attachments. When in doubt, contact DIT or use the Phish Alert Button.

To Whom It May Concern:

Please see attached deadline extension request for the Los Angeles County Public Works Consolidated Sewer Maintenance District Sewer System Management Plan. If you have any questions, please contact me.

Thank you,

May Hong
Civil Engineer
Los Angeles County Public Works
(O) 626-300-3388
(C) 626-842-7247



MARK PESTRELLA, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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

IN REPLY PLEASE
REFER TO FILE: **SM-1**

May 1, 2025

Ms. Susana Arredondo, Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Attention Isabella Suarez

Dear Ms. Arredondo:

**REQUEST FOR TIME EXTENSION
SEWER SYSTEM MANAGEMENT PLAN
CONSOLIDATED SEWER MAINTENANCE DISTRICT**

This letter serves to formally request a four-month extension on the submission of the updated Sewer System Management Plan (SSMP) for the 30 member Cities and 2 unincorporated County areas (Northwest and South County Sanitation District) listed on the Enclosure and are within the Consolidated Sewer Maintenance District.

The original deadlines of May 2, 2025, and August 2, 2025, are no longer feasible due to the extensive recovery efforts undertaken by Los Angeles County Public Works in response to the recent Eaton and Palisades fires. Additionally, the earliest we can obtain Los Angeles County Board of Supervisors adoption of the SSMP is August 5, 2025.

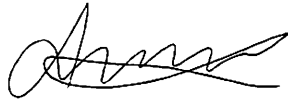
Given these extraordinary circumstances, we respectfully request an extension of the submission deadline to September 2, 2025.

Ms. Susana Arredondo
May 1, 2025
Page 2

If you have any questions, please contact me or your staff may contact Mr. Voltaire Llana, Sewer Maintenance Division, at (626) 300-3343 or vllana@pw.lacounty.gov.

Very truly yours,

MARK PESTRELLA, PE
Director of Public Works

A handwritten signature in black ink, appearing to read 'Andrew Ngumba', written over a horizontal line.

ANDREW NGUMBA, PE
Assistant Deputy Director
Sewer Maintenance Division

VL:nv
H:\SMHOME\SEWER\2025\LETTERS & MEMOS\2025-81.DOCX025-81

Enc.

ATTACHMENT 1

List of Cities and Unincorporated LA County area impacted and WDID number.

	Sanitation Sewer System	WDID NO.
1	AGOURA HILLS	4SSO11366
2	ARTESIA	4SSO10364
3	BALDWIN PARK	4SSO10366
4	BELL GARDENS	4SSO10368
5	BELLFLOWER	4SSO10369
6	CALABASAS	4SSO11447
7	CARSON	4SSO10374
8	COMMERCE	4SSO10377
9	CUDAHY	4SSO10380
10	DIAMOND BAR	4SSO10382
11	DUARTE	4SSO10384
12	GLENDORA	4SSO10389
13	HAWAIIAN GARDENS	4SSO10390
14	LA CANADA FLINTRIDGE	4SSO10397
15	LA MIRADA	4SSO10399
16	LAKEWOOD	4SSO10402
17	LAWNDALE	4SSO10403
18	LOMITA	4SSO10404
19	MAYWOOD	4SSO10409
20	PALOS VERDES ESTATES	4SSO10414
21	PARAMOUNT	4SSO10415
22	PICO RIVERA	4SSO10417
23	RANCHO PALOS VERDES	4SSO10420
24	ROSEMEAD	4SSO10424
25	SAN DIMAS	4SSO10425
26	SANTA CLARITA	4SSO10429
27	SANTA FE SPRINGS	4SSO10430
28	SOUTH EL MONTE	4SSO10434
29	TEMPLE CITY	4SSO10437
30	WALNUT	4SSO10441
31	Unincorporated County Area CSMD-NW/County Sanitation District CS	4SSO11374
32	Unincorporated County Area CSMD South/County Sanitation District CS	4SSO11365

DIVIDER SHEET

Public Hearings



COUNCIL AGENDA

September 9, 2025

TO: Honorable Mayor and Members of the City Council

SUBJECT: CDBG Program Public Hearing on the Consolidated Annual Performance and Evaluation Report (CAPER) Fiscal Year 2024-2025

INTRODUCTION

Community Development Block Grant (CDBG) regulations require grantees to prepare an annual performance report. The Consolidated Annual Performance and Evaluation Report (CAPER) summarizes a grantee's programmatic and financial accomplishments during the previous program year (July 1, 2024 to June 30, 2025). The CAPER is used by the U.S. Department of Housing and Urban Development (HUD) to: 1) Assess each grantee's ability to carry out its programs in compliance with applicable regulations and requirements; 2) Provide information necessary for HUD to report to Congress; and 3) Provide the grantee with an opportunity to describe its program achievements with its citizens. The CAPER is required to be submitted to HUD no later than 90 days after the close of the grantee's program year.

STATEMENT OF FACTS

The CAPER includes a summary of the City of Lakewood's ("City") overall progress in meeting local priorities and goals during the program year. The City's CAPER discusses annual and cumulative performance in the context of the strategic goals of the five-year Consolidated Plan and the annual goals of the Annual Action Plan, including the following areas: decent housing, continuum of care, and citizen participation. The CAPER summarizes the City's accomplishments in furthering fair housing and other program requirements such as subrecipient monitoring, displacement and/or relocation activities, anti-poverty strategies, and an annual financial summary. It also includes a self-evaluation, which describes the City's accomplishments and identifies any changes necessary to meet the listed goals and strategies.

The total amount of CDBG funding during FY 2024-2025 was \$1,046,424, which consisted of newly awarded CDBG funds of \$442,613; carry-over CDBG funds of \$594,811 and \$9,000 in program income.

The CDBG accomplishments for FY 2024-2025 are summarized as follows:

1. Community Conservation – During FY 2024-2025 Code Enforcement responded to 1,380 service requests of which, 393 were located within CDBG eligible areas.

2. Public Services - unduplicated participants served:
 - Meals on Wheels - 53 individuals
 - Community Family Guidance - 70 individuals
 - Pathways Volunteer Hospice - 38 individuals
 - Human Services Association – 161 individuals
3. Fair Housing Program – During FY 2024-2025, a total of 178 households were assisted.
4. Single Family Rehabilitation Loan Program – During FY 2024-2025, a total of ten loans were approved and funded with Lakewood Housing Successor Agency funds.
5. Fix-Up Paint-Up Grant Program - During FY 2024-2025, a total of five grants were approved and funded with Lakewood Successor Agency funds.
6. Accessible Modification Grant Program - During FY 2024-2025, a total of two grants were approved and funded with Permanent Local Housing Allocation funds.

The total amount expended in FY 2024-2025 was \$563,290. The City will carry over \$483,133 in CDBG to FY 2025-2026 to be used for the Weingart Senior Center improvement project.

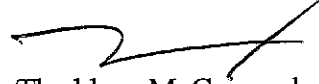
As required by Code of Federal Regulations (24 CFR Part 91.105) and the Citizen Participation Plan, a Public Hearing must be held to give Lakewood residents an opportunity to comment on this report. A 15-day comment period began on August 22, 2024 to allow citizens to review the CAPER and submit written comments to the Community Development Director no later than September 8, 2025. The Comment period concludes on September 9, 2025 with a Public Hearing held before the City Council. Any comments received will be submitted in conjunction with the CAPER, which is due to the local HUD office no later than September 27, 2025.

STAFF RECOMMENDATION

It is recommended that the City Council hold a Public Hearing to solicit citizen comments on the City's Consolidated Annual Performance and Evaluation Report for fiscal year July 1, 2024 through June 30, 2025, and direct staff to take into consideration all comments received and submit them along with the CAPER to the local HUD office.



Aldo Cervantes
Director of Community Development



Thaddeus McCormack
City Manager



CITY OF LAKEWOOD CONSOLIDATED ANNUAL PERFORMANCE AND EVALUATION REPORT

FOR THE

**COMMUNITY DEVELOPMENT
BLOCK GRANT PROGRAM**

JULY 1, 2024 - JUNE 30, 2025

**Prepared by the City of Lakewood
Community Development Department**

City Lakewood
FY 2024-2025 CAPER

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CR-05 - Goals and Outcomes

Progress the jurisdiction has made in carrying out its strategic plan and its action plan.

91.520(a)

This could be an overview that includes major initiatives and highlights that were proposed and executed throughout the program year.

The City of Lakewood was successful in carrying out its Strategic Plan and its Action Plan during FY 2024-2025. The City expected to serve 250 households during FY 2024-2025 experiencing fair housing issues and 1,250 Lakewood households during the five-year 2020-2024 Consolidated Plan years. During FY 2024-2025, Lakewood's Fair Housing Consultant assisted 178 households and 961 households throughout the five year Consolidated Plan years 2020-2024. Lakewood's Code Enforcement staff was expected to assist 250 residents located within CDBG eligible areas in FY 2024-2025 and 1,250 residents during the five-year 2020-2024 Consolidated Plan years. During FY 2024-2025 Code Enforcement responded to 393 residents located in CDBG entitlement areas and during FY 2020-2024 five-year Consolidated Plan years, code enforcement responded to 1,890 calls for service within CDBG entitlement areas.

During FY 2024-2025 Lakewood's subrecipients providing public service were expected to assist 300 residents and 1,500 during Five-Year 2020-2024 Consolidated Plan years. Lakewood's subrecipients assisted 322 Lakewood residents during FY 2024-2025 and during the five-year 2020-2024 Consolidated Plan years, Lakewood subrecipients assisted 1,803 Lakewood residents. Services include congregate and delivered meals to Lakewood seniors, counseling for abused and neglected children and non-medical hospice care for Lakewood residents facing end of life.

Using new state grant funds, Permanent Local Housing Allocation (PLHA), the City created the Accessible Modification Grant Program during FY 2024-2025. This program provides grants to low-income residents with mobility issues. This program along with the City's Single-Family Rehabilitation Home Improvement Loan and Fix-Up, Paint-Up Grant Programs, was expected to assist a total of 18 households to rehabilitate their homes during FY 2024-2025. The City processed ten rehabilitation loans, five Fix-Up, Paint-Up grants and two Accessible Modification grants during FY 2024-2025 for a total of 16 households. The City expected to assist 80 households during the Five-Year 2020-2024 Consolidated Plan years. The City processed 48 rehabilitation loans, 27 fix-up, paint-up grants and two accessible modification grants for a total of 77 households assisted during the five-year 2020-2024 Consolidated Plan years.

Comparison of the proposed versus actual outcomes for each outcome measure submitted with the consolidated plan and explain, if applicable, why progress was not made toward meeting goals and objectives. 91.520(g)

Categories, priority levels, funding sources and amounts, outcomes/objectives, goal outcome indicators, units of measure, targets, actual outcomes/outputs, and percentage completed for each of the grantee's program year goals.

The City fell short of its goal to process six Fix-Up, Paint-Up Grants during FY 2024-2025. After Lakewood's

former painting contractor retired, the City contracted with a new painting contractor whose estimates are market rate, therefore funding was only available to process five grants.

Progress on the construction of 37 affordable for-sale housing is continuing. The City transferred title of the properties to Habitat for Humanity of Greater Los Angeles. Plans for the first site are in plan check.



Goal	Category	Source / Amount	Indicator	Unit of Measure	Expected – Strategic Plan	Actual – Strategic Plan	Percent Complete	Expected – Program Year	Actual – Program Year	Percent Complete
Equal Housing Opportunity	Non-Homeless Special Needs	CDBG: \$36,974	Public service activities for Low/Moderate Income Housing Benefit	Households Assisted	1,250	961	76.88%	250	178	71%
Housing Development	Affordable Housing	Private: \$18,528,814 PLHA: \$760,600	Homeowner Housing Added	Household Housing Unit	37	0	0%	37	0	0%
Housing Preservation and Improvement	Affordable Housing	CDBG: \$99,283	Homeowner Housing Rehabilitated	Household Housing Unit	80	77	96%	18	15	93.7%
Housing Preservation and Improvement	Affordable Housing	CDBG: \$16,879	Housing Code Enforcement/Foreclosed Property Care	Household Housing Unit	1,500	1,890	151.2%	300	393	131%
Improve and Provide Community Facilities	Non-Housing Community Development	CDBG: \$174,815	Public Facility or Infrastructure Activities for Low/Moderate Income Housing Benefit	Households Assisted	1,674	1,674	100%	674	674	100%
Provide Community Services	Non-Housing Community Development	CDBG: \$26,740 GF: \$2,080	Public service activities for Low/Moderate Income Housing Benefit	Households Assisted	1,500	1,416	94.4%	250	292	116.8%
Provide Community Services	Non-Housing Community Development	GF:	Homelessness Prevention / Continuum of Care	Persons Assisted	300	370	123%	100	117	117%

Table 1 - Accomplishments – Program Year & Strategic Plan to Date

Assess how the jurisdiction's use of funds, particularly CDBG, addresses the priorities and specific objectives identified in the plan, giving special attention to the highest priority activities identified.

The City of Lakewood's Consolidated Plan goals are used as the basis for the budgetary principles that were outlined in the Consolidated Plan. During FY 2024-2025, the City received \$442,613 in CDBG funds, carried over \$594,811 in CDBG funds from the prior program years, and received \$9,000 in program income, for a total of \$1,046,424.

The City spent a total of \$563,290 of the total CDBG allocation on activities that include \$33,876 for Code Enforcement, Lakewood's Fair Housing Consultant received \$38,700 and Lakewood's subrecipients providing public services received \$30,825. The City spent \$90,656 on Rehabilitation Delivery Costs, \$88,375 on Program Administration and \$97,043 on plans for the Weingart Senior Center renovation and \$183,815 on replacing curbs with ADA compliant curbs. All CDBG funds were expended on CDBG eligible activities that include assisting low and moderate income households through home delivered and congregate meals to senior citizens, providing counseling services to abused children, providing emergency and transitional housing to victims of domestic violence, providing hospice care to persons experiencing terminal illness and affirmatively furthering fair housing. At the end of FY 2024-2025, the City has \$483,133 to carry over to FY 2025-2026 which is reserved for community facilities improvements at the Weingart Senior Center.

CR-10 - Racial and Ethnic composition of families assisted

Describe the families assisted (including the racial and ethnic status of families assisted).
91.520(a)

	CDBG
White	215
Black or African American	89
Asian	44
American Indian or American Native	7
Native Hawaiian or Other Pacific Islander	1
Other/Multi Racial	116
Black or African American & White	
Total	485
Hispanic	169
Not Hispanic	314

Table 2 – Table of assistance to racial and ethnic populations by source of funds

Narrative

CR-15 - Resources and Investments 91.520(a)

Identify the resources made available

Source of Funds	Source	Resources Made Available	Amount Expended During Program Year
CDBG	Public - Federal	\$1,046,423	\$563,159
PLHA	Public – State	\$27,080	\$26,423

Table 3 - Resources Made Available

Narrative

The resources available in FY 2024-2025 include CDBG entitlement, program income received, carryover funds and the PLHA grant from the State. During FY 2024-2025, the City of Lakewood expended \$563,290 of CDBG funds and \$26,423 on PLHA funds on CDBG eligible programs and administrative activities. The remaining resources will be carried over to FY 2025-2026.

Identify the geographic distribution and location of investments

Target Area	Planned Percentage of Allocation	Actual Percentage of Allocation	Narrative Description
5550.01 BG 1	10	10	Code Enforcement
5550.01 BG 2	10	10	Code Enforcement
5550.01 BG 3	10	10	Code Enforcement
5550.01 BG 4	10	10	Code Enforcement
5550.02 BG 1	10	10	Code Enforcement
5551.02 BG 2	10	10	Code Enforcement
5551.05 BG 1	10	10	Code Enforcement
5551.05 BG 3	10	10	Code Enforcement
5551.07 BG 2	10	10	Code Enforcement
5551.07 BG 3	10	10	Code Enforcement

Table 4 – Identify the geographic distribution and location of investments

Narrative

The City's CDBG and housing programs were advertised and made available throughout the City during FY 2024-2025 to assist in the reduction of concentration of low income persons. The programs were not directed to one geographical area but to extremely low to low income (0 to 80% of the County MFI) persons and families. The City continues to promote a balanced and integrated community and is committed to providing assistance throughout the City.

The only exception to this policy is that CDBG funded Code Enforcement activities are limited to low to income census tracts, which are known as area benefit activities. An area benefit activity is an activity that meets the identified needs of low income persons residing in an area where at least 51 percent of the residents (or less if the exception criteria are applicable) are low income persons. During FY 2024-2025,

an area where at least 46.1 percent of the residents are low income persons is considered an area where the exception criteria is applied. The benefits of the activity are available to everyone in that area despite their income. A map of these low income census tracts is included in the CAPER. The City has traditionally used 80 percent or more of its CDBG resources to operate programs available exclusively to low income people (whereas HUD regulations only require a minimum 70 percent low and moderate benefit for CDBG activities). To achieve this high ratio of low income benefit for its CDBG resources and the compelling need to assist these areas, the City used CDBG resources within low income census tracts areas. The allocation of funds is evenly distributed to the targeted census tracts listed in the table above.

Leveraging

Explain how federal funds leveraged additional resources (private, state and local funds), including a description of how matching requirements were satisfied, as well as how any publicly owned land or property located within the jurisdiction that were used to address the needs identified in the plan.

The City used CDBG funds to leverage funds from other sources for the Weingart Senior Center Improvement Project, including:

- State funds from the Department of Parks and Recreation
- State funds from the Department of Aging
- Other Federal funds

Additionally, the City offers an annual Neighborhood Clean-Up Program that is operated through the City's Code Enforcement program. The program provides assistance to tenants and property owners in disposing of unsightly and unwanted debris in neighborhoods identified as needing assistance. Each year a total of six clean-up events are scheduled and each event has three or more roll-off bins available to residents in the vicinity of the bin. Neighborhood residents are notified of the event date and community volunteer assistance is provided. A private waste disposal company donated the bins for this FY 2023-2024 event saving the City \$11,111 in rental fees.

Lakewood's City facilities that are used to address the needs identified in the plan includes the Weingart Senior Center and Burns Community Center. Both facilities serve Lakewood's senior population. The Weingart Senior Center hosts a wide variety of services for Lakewood's 50 plus population. Services include educational and social engagement programs, fitness programs, special events, passive recreational programs, case management referrals, food assistance programs such as the congregate meals provided by Human Services Association, tax assistance and volunteer opportunities. Burns Community Center provides many services, including the administration of Meals on Wheels, senior exercise programs, Continuum of Care, and Mothers At Work, a day care operation.

CR-20 - Affordable Housing 91.520(b)

Evaluation of the jurisdiction's progress in providing affordable housing, including the number and types of families served, the number of extremely low-income, low-income, moderate-income, and middle-income persons served.

	One-Year Goal	Actual
Number of Homeless households to be provided affordable housing units	30	35
Number of Non-Homeless households to be provided affordable housing units	281	281
Number of Special-Needs households to be provided affordable housing units	0	0
Total	321	294

Table 5 – Number of Households

	One-Year Goal	Actual
Number of households supported through Rental Assistance	0	0
Number of households supported through The Production of New Units	75	118
Number of households supported through Rehab of Existing Units	17	15
Number of households supported through Acquisition of Existing Units	0	0
Total	31	118

Table 6 – Number of Households Supported

Discuss the difference between goals and outcomes and problems encountered in meeting these goals.

Su Casa Ending Domestic Violence provided emergency and transitional shelter for 103 individuals and 35 households.

The City expected The City offers a \$35,000 Single-Family Rehabilitation Loan, a Fix-Up, Paint-Up Grant up to \$10,000 and an Accessible Modification Grant also up to \$10,000 to low income residents. The goal was to process ten loans, five Fix-Up, Paint-Up grants and two Accessible Modifications grants during FY 2024-2025. The City met its goal by processing ten loans, five Fix-UP, Paint Up grants and two Accessible Modification grants. While the City met its goal of processing 17 applications during the program year, two of the applications were to duplicated households.

The City counts the number of ADUs toward its goal of number of households supported through the production of new units constructed. The City used a conservative 75 new units in its estimate for the

anticipated number of ADUs to be constructed. As the table above shows, the number of ADUs that were constructed in FY 2024-2025 was 118.

Discuss how these outcomes will impact future annual action plans.

Given that 118 ADUs were constructed and received a final inspection, the City will increase its estimate of the number of households supported through the production of new units constructed in future Action Plans.

Include the number of extremely low-income, low-income, and moderate-income persons served by each activity where information on income by family size is required to determine the eligibility of the activity.

Number of Households Served	CDBG Actual	HOME Actual
Extremely Low-income	222	0
Low-income	153	0
Moderate-income	96	0
Total	471	0

Table 7 – Number of Households Served

Narrative Information

The activities where information on income by family size is required to determine the eligibility of activity includes Fair Housing, Community Family Guidance, Pathways Volunteer Housing, Human Services Association, and the City's Single Family Rehabilitation Loan and Grant Programs. The total number of households served in Lakewood was 485 and 515 individuals. Of those households, 222 were very low income, 153 were low income and 96 were moderate income. Not included in the table above, there were 14 households and 16 individuals that were high income.

CR-25 - Homeless and Other Special Needs 91.220(d, e); 91.320(d, e); 91.520(c)

Evaluate the jurisdiction's progress in meeting its specific objectives for reducing and ending homelessness through:

Reaching out to homeless persons (especially unsheltered persons) and assessing their individual needs

The City is located within Service Planning Area (SPA) 7, a division within Los Angeles County designated by LAHSA to target the specific needs of the homeless in the community. City staff attends regular monthly SPA meetings to address homeless issues through the Continuum of Care (CoC) Model. The City along with LAHSA conduct an annual Point-In-Time Homeless Count (count). The official numbers from the count in February 2025 are 33 total unsheltered persons not in a dwelling and 27 total dwellings. Dwellings include cars, vans, RVs, makeshift shelter and tents. The counts indicate observed dwellings and do not indicate how many persons were staying in the dwellings.

Services are provided to people experiencing homelessness in Lakewood by multiple non-profit agencies, which include PATH, LAHSA Jovenes, Salvation Army, Bell Shelter and Pacific Clinic. Lakewood contracts with the Los Angeles County Sheriff's Department providing Lakewood with a Homeless Services Deputy and also contracts a Homeless Services Liaison. Services begin with outreach and continue until a person is permanently housed and supportive services are in place. The Homeless Services Deputy and Homeless Services Liaison refer and connect homeless individuals to the agency that best suits their housing and health needs.

City staff at the Burns Community Center assisted 14 unhoused individuals during FY 24-25. Assistance included referrals to

Addressing the emergency shelter and transitional housing needs of homeless persons

LAHSA's 2024 Los Angeles CoC Housing Inventory Count includes a total of 2,673 units and 3,918 beds within SPA 7. The shelter types consist of 1,298 emergency shelters containing 1,659 beds, 290 transitional housing units with 290 beds and 30 safe havens offering 30 beds. The housing types include 626 permanent supportive housing units with 1,134 beds, 28 other permanent housing units with 41 beds and 401 rapid housing units offering 764 beds.

Additionally, Lakewood has secured 15 shelter beds at Bell Shelter. During FY 24-25, there were over 69 referrals provided to Lakewood's unhoused and over 69 intakes were processed.

Another form of transitional housing in the City is Adult Residential Facilities, Residential Care Facilities for the Elderly, Group Homes and Small Family Homes and is described as follows:

- The City has 16 Adult Residential Facilities that each house up to six adults aged 18-59. The facilities provide 24-hour non-medical care to individuals who may be physically, mentally or developmentally disabled.
- The City has 10 Residential Care Facilities for the Elderly, which each house up to six persons aged

60 or older. These facilities were accepted as transitional housing by the State Department of Housing and Community Development during the FY 2013-2021 Housing Element update.

- The City has one Small Family Home that provides 24-hour care for families with less than six children who are in need of assistance because of a physical, mental or developmental disability.

Helping low-income individuals and families avoid becoming homeless, especially extremely low-income individuals and families and those who are: likely to become homeless after being discharged from publicly funded institutions and systems of care (such as health care facilities, mental health facilities, foster care and other youth facilities, and corrections programs and institutions); and, receiving assistance from public or private agencies that address housing, health, social services, employment, education, or youth needs

The short-term emergency housing location allows a maximum stay of 30 days providing supportive services to battered women and their children. At this facility, Su Casa Ending Domestic Violence has 20 beds and a shelter capacity of 24 persons. Their support services include food, shower facilities, laundry facilities, mail drop (the site is used as a mailing address), clothing, childcare, transportation, and intensive individual and group counseling for children.

At the second location, Su Casa provides transitional housing for up to one year in an apartment complex, which facilitates residents' ability to adapt to independent living and break the cycle of abuse. The maximum capacity at this facility is 16 persons and the residents are provided counseling, assistance in seeking jobs, schooling, and assistance with the location of permanent housing. Those persons who are employed while residing in the shelter are charged a small percentage of their income, which is saved in an escrow account and used for the costs associated with securing permanent housing.

Admittance to the program is strictly on a referral basis. The City provided funding for the purchase of the Transitional Housing Facility and has secured the transitional shelter with affordable housing covenants, which will expire in December 2063.

In addition to the City's partnership with Su Casa Ending Domestic Violence, the City uses CDBG funds to benefit low-income persons who are likely to become homeless under the City's Fair Housing Program which is administered by the City's Fair Housing consultant. During FY 2024-2025, 192 low and moderated income families were served under the Fair Housing Program, 53 families of the Fair Housing clients were referred to Section 8 assistance to help avoid becoming homeless. The City also partners with PATH (People Assisting the Homeless) and LAHSA for homeless prevention services.

Helping homeless persons (especially chronically homeless individuals and families, families with children, veterans and their families, and unaccompanied youth) make the transition to permanent housing and independent living, including shortening the period of time that individuals and families experience homelessness, facilitating access for homeless individuals and families to affordable housing units, and preventing individuals and families who were recently homeless from becoming homeless again

Chronically homeless persons require rehabilitation services, employment training and placement, health services, and case management services to move from homelessness to transitional housing, and then to supportive/permanent housing. The CoC Strategy coordinated by LAHSA offers a full range of services and facilities. The City supports LAHSA's strategy for constructing housing facilities that help transition chronically homeless persons to a stable housing situation and receive supportive services that would improve their employment skills. LAHSA's main goals include Housing First (permanent supportive housing), Housing Plus (wraparound services and support), Homeless Prevention, Enhanced Data Collection, and Securing Mainstream Resources. The Homeless Services Deputy and Homeless Services Liaison refer and connect homeless individuals to the agency that best suits their housing and health needs. Agencies focus on decreasing the barriers to housing and include:

- Providing **Basic Needs** such as: clothing, hygiene products and showers and transportation.
- Assistance **obtaining documents** necessary for housing i.e. social security card, picture identification, DD214, proof of income, disability verification etc.
- **Emergency and temporary housing** via SPA 7 facilities and motel placements.
- **Liaison and referral** to subsidy providers that include: Los Angeles Homeless Services Authority, Veteran's Administration, Department of Mental Health and non-profit providers like PATH Ventures.
- **Access** to medical and mental health, substance addiction treatment services, and primary care home establishment i.e. Department of Mental Health, Veterans Administration, and federally qualified health centers located in the SPA.
- **Benefit establishment assistance** for General Relief, Social Security programs, Temporary Assistance to Needy Families, and Veteran's Administration.
- **Referral** to employment and education services i.e. Goodwill Industries and local centers of the Workforce Investment Board.
- **Housing** location and re-location and rapid re-housing assistance.

Once a person is permanently housed, support services can continue until the individual can successfully maintain housing:

- **Household** set up assistance
- **Case management**, including prevention assistance to maintain housing
- **Home** visits
- **Linkage** to mainstream support services

CR-30 - Public Housing 91.220(h); 91.320(j)

Actions taken to address the needs of public housing

There are no public housing developments in the City; therefore, funding for FY 2024-2025 does not apply to this section.

Actions taken to encourage public housing residents to become more involved in management and participate in homeownership

There are no public housing developments in the City; therefore, funding for FY 2024-2025 does not apply to this section.

Actions taken to provide assistance to troubled PHAs

There are no public housing developments in the City; therefore, funding for FY 2024-2025 does not apply to this section.

CR-35 - Other Actions 91.220(j)-(k); 91.320(i)-(j)

Actions taken to remove or ameliorate the negative effects of public policies that serve as barriers to affordable housing such as land use controls, tax policies affecting land, zoning ordinances, building codes, fees and charges, growth limitations, and policies affecting the return on residential investment. 91.220 (j); 91.320 (i)

The City is committed to addressing the negative effects of public policies over which it has control. In order to promote integration and prevent low income concentrations, the City has designed its affordable housing programs to be available Citywide. This priority also serves to make sure that the City does not have any policies, rules, or regulations that would lead to minority or racial concentrations.

Since 1989, Lakewood has demonstrated a willingness to encourage housing development of all types. It has approved several zone changes to allow the construction of housing including General Commercial (C-4) to Multiple Family Residential (M-F-R) to allow for the building of a 201-unit senior citizen apartment complex in 1989, Light Manufacturing (M-1) to Planned Development Single Family (PDSF), to allow for the building of 184 single family residences in 1994, Open Space (O-S) to MFR, to allow for the building of a 85-unit senior citizen apartment complex in 1996, C-4 to MFR, to allow for the conversion of the Cloud Motel into apartments in 1999, Intermediate Commercial (C-3) to PDSF to all a 20 unit single-family residential project in 2003, C-4 to M-F-R in 2014 to allow an existing apartment complex to expand by adding 22 additional apartments, O-S to M-F-R to allow a three-unit condominium project in 2015, and Code amendments to allow for development of a variety of housing types, including those that benefit low and moderate income people.

The City has worked cooperatively within existing legislatively mandated constraints to develop and encourage public policies that foster affordable housing development and assistance. During FY 2018-2019, the City amended its zoning ordinance to allow the construction of Accessory Dwelling Units (ADU) on Single-Family Residentially (R-1) zoned properties as mandated by the State of California. During FY 2024-2025 the City approved the construction and finalized the building permits of 118 ADUs within the City of Lakewood.

The City makes an effort to fast track projects and process permits in a timely manner. Review policies have been modified to streamline the planning approval process, such as review for ADUs and other single-family addition projects. The City intends to maintain its current posture of openness and willingness to consider new ideas and eliminate any regulatory barriers under its control in the provision of a variety of housing to meet the needs of all income groups.

Actions taken to address obstacles to meeting underserved needs. 91.220(k); 91.320(j)

The City promoted its housing and community service programs in all areas of the City to ensure all low and moderate income households received notifications of services provided by the City and to address the continuing needs of the underserved population. The City used the Chamber of Commerce, local newspaper, City newsletter, and community events to promote these services. The City, in conjunction with, the Los Angeles County Housing Authority and the Los Angeles County Community Development Department, provided the following services for low and moderate income Renter Households and

Owner-occupied Households:

- Referrals for mortgage assistance programs
- Coordination with neighborhood networks to elaborate on the needs of the community
- Code enforcement
- Home Improvement Programs
- Infrastructure improvements
- Provision of Fair Housing Services

Actions taken to reduce lead-based paint hazards. 91.220(k); 91.320(j)

No specific actions concerning lead-based paint was taken for FY 2024-2025. To reduce lead-base paint hazards in Lakewood, the City disseminates information and monitors the lead-poisoning data provided by Los Angeles County. In addition, the City's Residential Rehabilitation Program provides funding to low and moderate income households in making necessary improvements and correct code violations.

Actions taken to reduce the number of poverty-level families. 91.220(k); 91.320(j)

According to the 2012-2016 American Community Survey (ACS) 5-Year Estimates, it is estimated that approximately 12.48% of the City's population were living below the poverty level. This includes 5.2% in families and 12.1% in female head of household. Lakewood's rate of poverty is significantly lower, when compared to the 17.8% in Los Angeles County and 15.4% in the nation overall.

The County's Department of Public and Social Services administers various programs that provide cash aid and other benefits and services to individuals and families in need. These programs are designed to alleviate hardship and promote family health, personal responsibility, and economic independence. According to the County, the majority of persons who seek these programs are primarily in need of medical assistance and in-home support services.

A fundamental way to reduce poverty is through job creation and enhancement. There are a number of local, state, and federal programs that focus on job creation and retention. The most notable is the State of California's welfare reform plan, known as CalWORKS. CalWORKS is designed to move welfare recipients from dependency to self-sufficiency through employment, and to divert potential recipients from dependency. Job related education and training are provided through the County of Los Angeles, Department of Public and Social Services, as well as the State of California.

During FY 2024-2025, the City's Recreation and Community Services Department referred persons to the County anti-poverty programs described above. In addition, the City coordinated efforts with public and private organizations providing economic development and job training opportunities. Some of these are summarized as follows:

- Southeast Los Angeles County Workforce Investment Board
- California Trade and Commerce Agency-Team California

- California Employment Development Department
- Los Angeles County ROP

The City fostered employment growth through the expansion and rehabilitation of commercial centers located throughout the City. The new and improved commercial centers enhance the economic vitality of the City and work to attract and retain employment opportunities for Lakewood's residents.

Actions taken to develop institutional structure. 91.220(k); 91.320(j)

The institutions involved in carrying out the aforesaid Priority actions include the Lakewood Community Development Department, the Housing Authority of the County of Los Angeles, Successor Agency, and private sector owners of rental property. The City, for its part, will promote and encourage fair housing, housing assistance and single-family home rehabilitation through:

- Continued utilization of the services of a Fair Housing Consultant or organization to promote, educate and enforce fair housing in the community.
- Continued use of the Los Angeles County Housing Authority to refer residents who are interested in receiving affordable housing assistance.

Continued use of Housing Trust funds and PLHA funds to assist low income homeowners in rehabilitating their homes and in eliminating substandard conditions. The City will continue to encourage the Single Family Residential Rehabilitation Loan and Grant Programs by advertising the programs in a variety of ways.

Actions taken to enhance coordination between public and private housing and social service agencies. 91.220(k); 91.320(j)

In FY 2024-2025, the City's housing programs are limited by resources to Housing Rehabilitation and Fair Housing.

The Single Family Residential Rehabilitation Loan and Fix-Up, Paint-Up Grant Program are funded with Housing Trust funds and the Accessible Modification Grant is funded using PLHA grant funds. The Section 8 Housing Program is federally funded and is administered entirely by HACOLA. Lakewood's Fair Housing Consultant referred 36 residents who are interested in affordable housing to contact HACOLA.

Identify actions taken to overcome the effects of any impediments identified in the jurisdictions analysis of impediments to fair housing choice. 91.520(a)

For the fiscal year FY 2024-2025, the City, along with the Fair Housing Consultant, affirmatively furthered fair housing and addressed impediments to fair housing by:

1. Provided Public Education publications in both English and Spanish outlining the objectives and services of the Fair Housing Program. Information was made available at City Hall and was distributed to community organizations.

2. Provided referral assistance to 36 low and moderate income housing consumers, especially those who are disabled, members of minority groups, the senior population, and those who have been unable to find decent, safe, and sanitary housing.
3. Attended monthly SPA 7 meetings to discuss homeless services and resources.
4. Attended quarterly PATH meetings held by the City of Long Beach Homeless Services coordinator.

CR-40 - Monitoring 91.220 and 91.230

Describe the standards and procedures used to monitor activities carried out in furtherance of the plan and used to ensure long-term compliance with requirements of the programs involved, including minority business outreach and the comprehensive planning requirements

The Consolidated Plan provides the City with a number of benchmarks for measuring its progress toward the five-year goals. The FY 2024-2025 Action Plan is developed with this progress in mind, with quantifiable objectives and measurable outcomes for each of the proposed activities to adequately assess the City's Housing and Community Development accomplishments.

The City follows the monitoring requirements for the use of federal funds as established by HUD. The Community Development Department tracks the City's progress in implementing all of the strategies outlined in the Consolidated Plan. The lead person responsible for the Consolidated Plan preparation and yearly reporting is the Housing Specialist, under the supervision of the Neighborhood Preservation Manager and Director of Community Development.

Careful evaluation of the housing and public service delivery system can be the most effective tool in detecting gaps and making appropriate modifications. The City notifies all subrecipients that annual monitoring of their agency's day-to-day operations will take place to ensure compliance with all CDBG rules and regulations. The City also coordinates with the Fair Housing Organization in the administration of the Fair Housing Program.

The Department's loan portfolio, including loan administration and servicing functions, is managed and tracked by the Community Development Department. Loans are monitored for compliance and regulatory requirements such as affordability restrictions, occupancy and rent requirements, maintenance requirements, and loan repayments.

In addition to this monitoring, the Community Development Department tracks housing unit production through a housing database, which identifies housing projects from concept to completion. This database provides opportunity for staff to respond to City Council and public inquiries regarding the City's progress toward its Regional Housing Needs Goals.

In September 2003, HUD issued a notice to all entitlement grantees encouraging the development and use of a local performance measurement system. This performance measurement system has two critical components - productivity and program impact. Productivity reflects the level of efficiency (quantity, quality, and pace) and program impact reflects the desired outcomes in the community or in the lives of persons assisted.

The City's performance measurement system, as requested by HUD, is modeled from the City of Los Angeles' Matrix of Goals versus Accomplishments by Priority. The matrix collects an array of data, including priority, activity, funding source and amount spent, strategy, goals, and annual and long-term accomplishments. In addition, a performance indicator for each activity is defined. These performance indicators help the City identify if goals are being met and/or if outcomes are being produced. Generally,

the performance indicators relate to people, housing units, public facilities, and jobs.

The required tracking matrix is attached to the City's Consolidated Annual Performance Evaluation Report (CAPER). The matrix yields the following outcomes over a five-year period:

- Improved quality of life for CDBG program participants and low and moderate income persons
- Maintained current property values
- Increased percentage of housing units that are standard
- Increased business sales volume

Citizen Participation Plan 91.105(d); 91.115(d)

Describe the efforts to provide citizens with reasonable notice and an opportunity to comment on performance reports.

On August 22, 2025, a notice was published in the Press Telegram announcing the public hearing before the Lakewood City Council on September 9, 2025 and announced a 15-day public comment period that will conclude on September 9, 2025. Public hearing notices were also posted in three locations within the City.

The Draft CAPER was available for public review at the following locations:

- Lakewood City Hall, Community Development Department, 5050 Clark Avenue, Lakewood, CA 90712
- Lakewood City Hall, City Clerk's Office, 5050 Clark Avenue, Lakewood, CA 90712
- Angelo M. Iacoboni Library, 4990 N. Clark Avenue, Lakewood, CA 90712

The City welcomed any written recommendations, suggestions, or other input. Any opinions or comments related to the CAPER were to be addressed to the following person:

Aldo Cervantes
Director of Community Development
City of Lakewood
5050 North Clark Avenue
Lakewood, CA 90712
(562) 866-9771 extension 2301

All comments received during the 15-day comment period will be submitted to City Council for consideration and recommendation prior to being submitted to HUD.

No comments were received during the 15-day comment period to City Council for consideration and recommendation.

CR-45 - CDBG 91.520(c)

Specify the nature of, and reasons for, any changes in the jurisdiction's program objectives and indications of how the jurisdiction would change its programs as a result of its experiences.

The City of Lakewood will not be changing any of the program objectives as a result of its experiences during FY 2024-2025.

Does this Jurisdiction have any open Brownfields Economic Development Initiative (BEDI) grants?

The City of Lakewood does not have any open Brownfields Economic Development Initiative grants.

[BEDI grantees] Describe accomplishments and program outcomes during the last year.

N/A



CR-58 – Section 3

Identify the number of individuals assisted and the types of assistance provided

Total Labor Hours	CDBG	HOME	ESG	HOPWA	HTF
Total Number of Activities	0	0	0	0	0
Total Labor Hours					
Total Section 3 Worker Hours					
Total Targeted Section 3 Worker Hours					

Table 8 – Total Labor Hours

Qualitative Efforts - Number of Activities by Program	CDBG	HOME	ESG	HOPWA	HTF
Outreach efforts to generate job applicants who are Public Housing Targeted Workers					
Outreach efforts to generate job applicants who are Other Funding Targeted Workers.					
Direct, on-the job training (including apprenticeships).					
Indirect training such as arranging for, contracting for, or paying tuition for, off-site training.					
Technical assistance to help Section 3 workers compete for jobs (e.g., resume assistance, coaching).					
Outreach efforts to identify and secure bids from Section 3 business concerns.					
Technical assistance to help Section 3 business concerns understand and bid on contracts.					
Division of contracts into smaller jobs to facilitate participation by Section 3 business concerns.					
Provided or connected residents with assistance in seeking employment including: drafting resumes, preparing for interviews, finding job opportunities, connecting residents to job placement services.					
Held one or more job fairs.					
Provided or connected residents with supportive services that can provide direct services or referrals.					
Provided or connected residents with supportive services that provide one or more of the following: work readiness health screenings, interview clothing, uniforms, test fees, transportation.					
Assisted residents with finding child care.					
Assisted residents to apply for, or attend community college or a four year educational institution.					
Assisted residents to apply for, or attend vocational/technical training.					
Assisted residents to obtain financial literacy training and/or coaching.					
Bonding assistance, guaranties, or other efforts to support viable bids from Section 3 business concerns.					
Provided or connected residents with training on computer use or online technologies.					
Promoting the use of a business registry designed to create opportunities for disadvantaged and small businesses.					
Outreach, engagement, or referrals with the state one-stop system, as designed in Section 121(e)(2) of the Workforce Innovation and Opportunity Act.					
Other.					

Table 9 – Qualitative Efforts - Number of Activities by Program

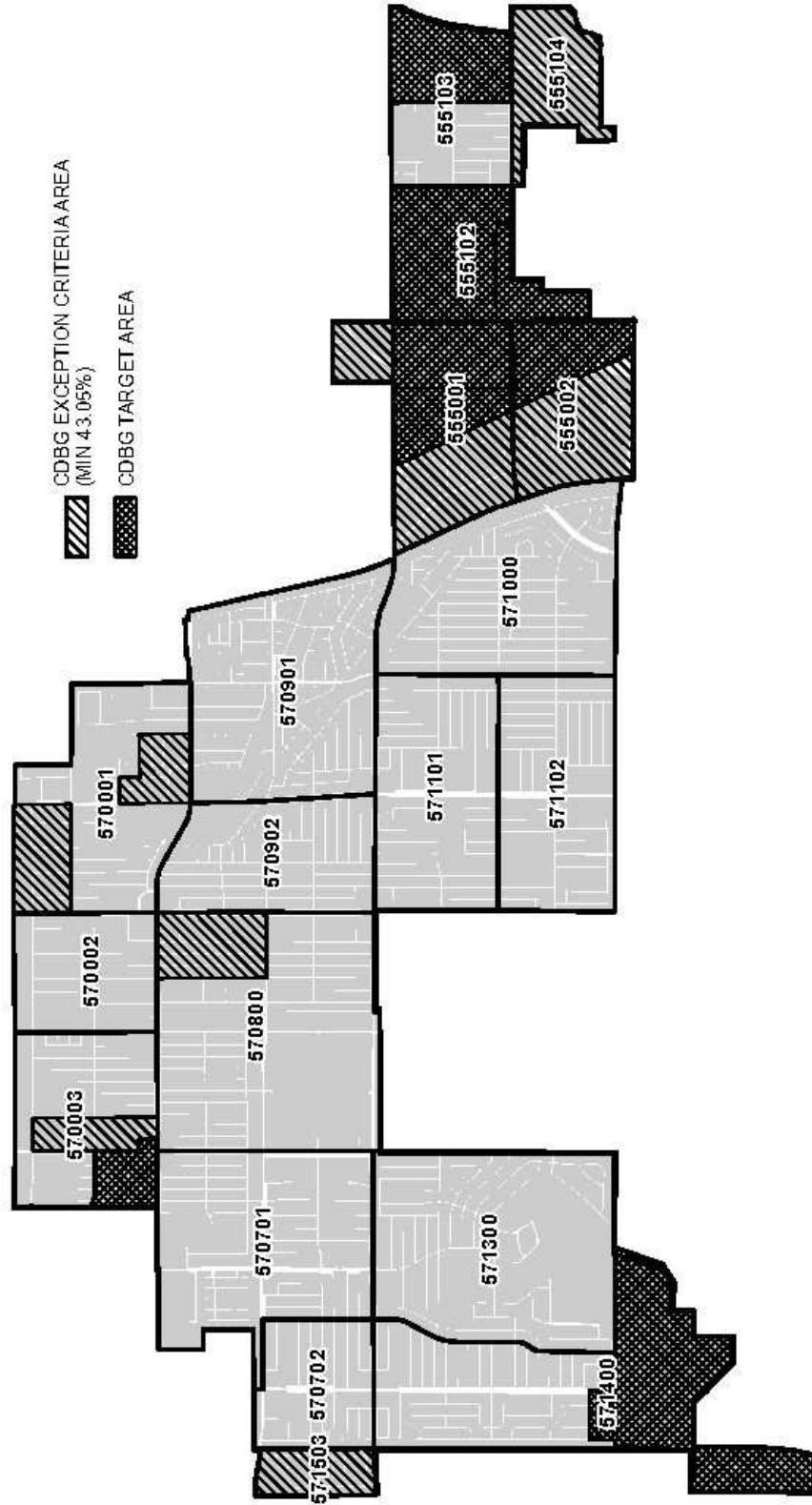
Narrative

The City did not fund any activities using CDBG funds requiring Section 3 reporting.

APPENDIX

- Map of CDBG Eligible Areas
- Map of Public Service Providers
- Homeless Services and Shelters,
Transitional and Permanent Housing
within Lakewood Nearby Cities
- Code Enforcement Summary Report
- PR26 Report
- Public Notice Affidavit

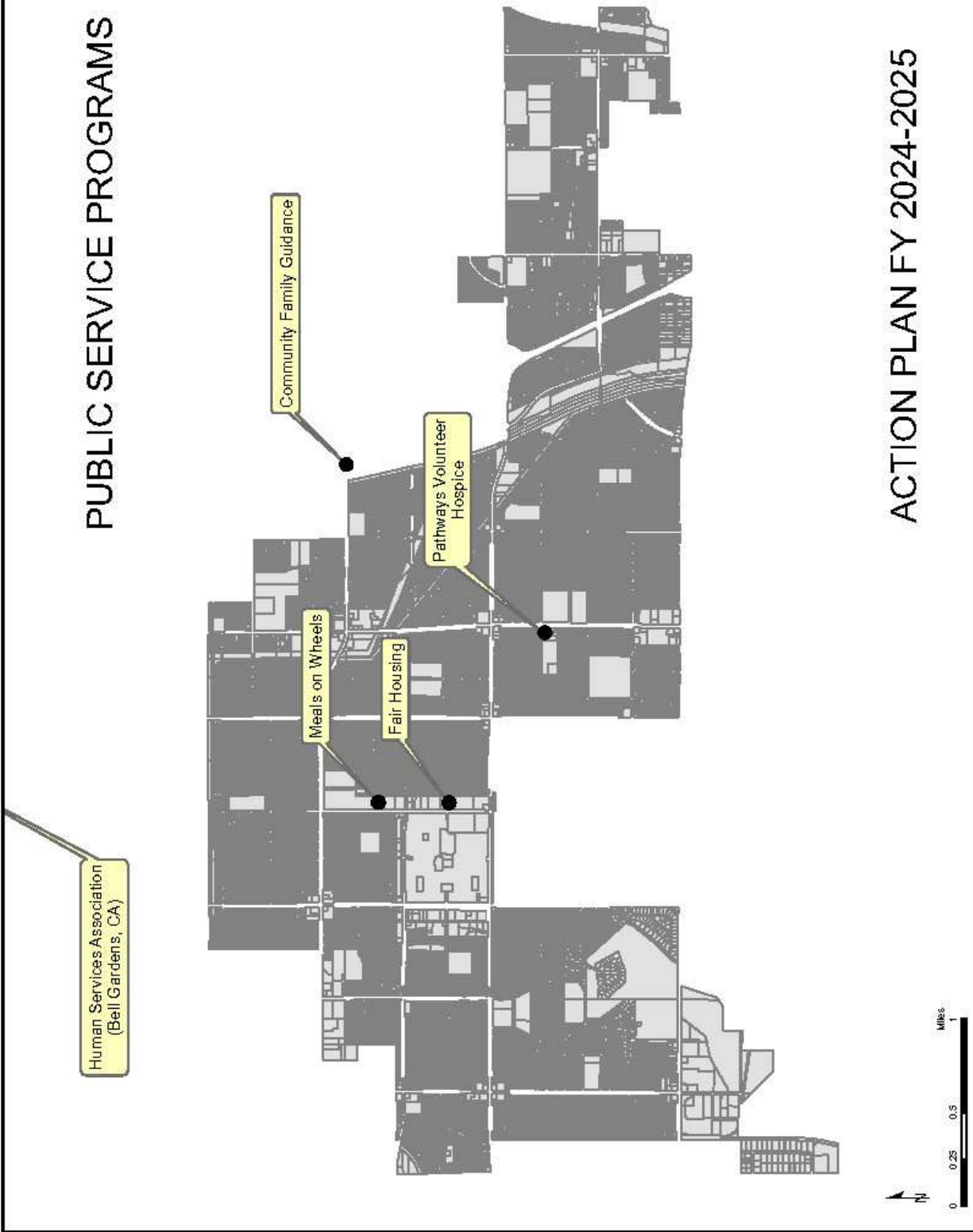
CDBG ELIGIBLE AREAS



FISCAL YEAR ACTION PLAN 2024-2025

DATA FROM FY 2018 CDBG GRANTEES AND 2010-2015 ACS LMI SD, BY HUD OFFICE OF COMMUNITY PLANNING AND DEVELOPMENT

PUBLIC SERVICE PROGRAMS



ACTION PLAN FY 2024-2025

HOMELESS SERVICES AND SHELTERS, TRANSITIONAL AND PERMANENT HOUSING WITHIN LAKEWOOD AND NEARBY CITIES

Long Beach Rescue Mission Long Beach 90813 562-591-1292 Men	Multi-Service Center Long Beach 90813 562-570-4500 Homeless Outreach Services	Omni Recovery Residence Long Beach 90805 714-296-4289 Boarding Rooms for Men
Granada Gardens Long Beach 90815 562-257-5100 Housing Assistance	Salvation Army Long Beach 90802 562-491-8755 Housing Assistance	Christian Outreach Long Beach 90813 562-432-1440 Homeless Shelter
Samaritan House Long Beach 90813 562-591-1292 Transitional Housing	Bakersfield Senior Housing Long Beach 90815 562-257-5100 Housing Assistance	
Tranquility Transitional Living The Place Between 1372 Gaviota Avenue Long Beach 90813 Transitional Housing	Women Shelter Long Beach 90807 562-437-7233 Domestic Violence Shelter for Women	Mentoring – A Touch From Above Long Beach 5536 Linden Avenue Long Beach 90805 Housing Assistance
Rescue Mission – Lydia House Long Beach 90813 562-570-4500 Services for Women and Children	Catholic Charities Century Villages At Cabrillo Long Beach 90810 Multi Service Center – Homeless Housing services	Su Casa Family Crisis and Support Center Long Beach 90808 562-402-4888 Transitional Housing
Substance Abuse Foundation Long Beach 90804 562-987-5722 Halfway House, Substance Abuse Treatment	Helping Hands Outreach 5150 Candlewood St, Ste 24A Lakewood 90712 800-935-6085 Emergency Housing Vouchers, Section 8	Housing Authority Long Beach 9082 562-570-6985 Housing Authority, Low Income Affordable Housing, Public Housing
TLM Properties Shared Homes 1411 E Broadway Long Beach 90802 562-612-2050 Affordable Housing, shared living space	Horizon Recuperative Care 10510 S Vermont Avenue Los Angeles 90044 323-676-1000 Post-hospital care for homeless and displaced individuals	New Image 4201 Long Beach Blvd Suite 218 Long Beach 90802 323-846-8307 Supportive Services, emergency shelter individuals and families
The Good Seed Long Beach Long Beach 90813 323-758-5433 Supportive Housing, service, street outreach youth drop-in, case management	Choices Recovery Services Halfway House 1601 E 10 th Street Long Beach 90813 562-218-3639 Substance Abuse Treatment	

FY 2024-2025 Code Enforcement Cases Within CDBG Eligible Areas

ID	ADDRESS	ID	ADDRESS	ID	ADDRESS
1	11419 215th Street	45	5919 Lakewood Boulevard	89	5402 Bonfair Avenue
2	11503 213th Street	46	6162 Eastbrook Avenue	90	11609 208th Street
3	11503 213th Street	47	20137 Pioneer Boulevard	91	5006 Montair Avenue
4	20303 Devlin Avenue	48	5617 Bellflower Boulevard	92	5606 Bellflower Boulevard
5	5617 Bellflower Boulevard	49	11330 212th Street	93	5058 Autry Avenue
6	5623 Hersholt Avenue	50	11556 207th Street	94	5419 Hazelbrook Avenue
7	11725 209th Street	51	12218 Centralia Street	95	21002 Longworth Avenue
8	11716 216th Street	52	4140 Pixie Avenue	96	21002 Longworth Avenue
9	4010 Watson Plaza Drive	53	12603 Walcroft Street	97	21002 Longworth Avenue
10	11875 Centralia Street	54	20821 Norwalk Boulevard	98	11418 206th Street
11	11875 Centralia Street	55	11724 215th Street	99	11555 215th Street
12	11704 207th Street	56	20123 Fallon Avenue	100	5606 Bellflower Boulevard
13	12017 Lemming Street	57	20535 Devlin Avenue	101	11400 215th Street
14	11620 206th Street	58	20803 Elaine Avenue	102	11512 215th Street
15	11827 Centralia Street	59	20913 Callaway Avenue	103	11614 206th Street
16	5515 Montair Avenue	60	21113 Hawaiian Avenue	104	11620 206th Street
17	5703 Bellflower Boulevard	61	5737 Fanwood Avenue	105	11702 Walcroft Street
18	200824 Arline Avenue	62	5959 South Street	106	12355 Tilbury Street
19	21426 Rossford Avenue	63	6100 Bellflower Boulevard	107	21002 Claretta Avenue
20	6131 Droxford Street	64	6215 Woodruff Avenue	108	21119 Hawaiian Avenue
21	6142 Dunrobin Avenue	65	6223 Woodruff Avenue	109	21119 Hawaiian Avenue
22	11624 207th Street	66	12029 Lemming Street	110	5465 Del Amo Boulevard
23	11703 209th Street	67	20534 Harvest Avenue	111	6215 Woodruff Avenue
24	11759 Carson Street	68	207th St & Pioneer Blvd	112	11747 Carson Street
25	4140 Pixie Avenue	69	2128 Lark Bay Lane	113	11840 Centralia Street
26	11610 207th Street	70	21315 Wilder Avenue	114	21119 Hawaiian Avenue
27	11703 209th Street	71	5713 Autry Avenue	115	5409 Hazelbrook Avenue
28	11729 Walcroft Street	72	11644 206th Street	116	12603 211th Street
29	11733 209th Street	73	12121 Centralia Street	117	21105 Seeley Place
30	11754 Walcroft Street	74	12403 Gradwell Avenue	118	21447 Dartmoor Avenue
31	12534 215th Street	75	12403 Gradwell Avenue	119	5015 Del Amo Avenue
32	21114 Pioneer Boulevard	76	20408 Wilder Avenue	120	5103 Minturn Avenue
33	4140 Pixie Avenue	77	2128 Lark Bay Lane	121	5440 Ocana Avenue
34	6200 Bellflower Boulevard	78	5713 Autry Avenue	122	11346 215th Street
35	20726 Alburis Avenue	79	Studebaker Rd & Gordon Pl	123	20722 Pioneer Boulevard
36	20840 Roseton Avenue	80	20425 Arline Avenue	124	21010 Hawaiian Avenue
37	5325 Meadow Wood Avenue	81	11609 206th Street	125	4903 Autry Avenue
38	5528 Lorelei Avenue	82	11614 206th Street	126	11620 206th Street
39	5626 Hersholt Avenue	83	20931 Pioneer Boulevard	127	4909 Lakewood Boulevard
40	6012 Bonfair Avenue	84	20832 Pioneer Boulevard	128	20707 Seine Avenue
41	11402 216th Street	85	6236 Bellflower Boulevard	129	20709 Seine Avenue
42	11727 Carson Street	86	5102 Hersholt Avenue	130	4010 Watson Plaza Drive
43	4010 Watson Plaza Drive	87	11330 212th Street	131	5861 Daneland Avenue
44	20938 Hawaiian Avenue	88	12007 Centralia Street	132	5717 Ashworth Avenue

ID	ADDRESS	ID	ADDRESS	ID	ADDRESS
133	5933 Eastbrook Avenue	179	11503 Gradwell Street	225	11346 215th Street
134	5409 Hazelbrook Avenue	180	5655 Pimenta Avenue	226	5247 Lakewood Boulevard
135	11555 216th Street	181	5860 Briercrest Avenue	227	20915 Pioneer Boulevard
136	5503 Adenmoor Avenue	182	6059 Faculty Avenue	228	20806 Pioneer Boulevard
137	6236 Bellflower Boulevard	183	5445 Del Amo Boulevard	229	5247 Lakewood Boulevard
138	21012 Claretta Avenue	184	11337 214th Street	230	5247 Lakewood Boulevard
139	11346 215th Street	185	5834 Adenmoor Avenue	231	5215 Lakewood Boulevard
140	11756 214th Street	186	11537 Elvins Street	232	5409 Hazelbrook Avenue
141	20806 Seine Avenue	187	5716 Capetown Street	233	5409 Hazelbrook Avenue
142	5852 Adenmoor Avenue	188	5938 Eastbrook Avenue	234	5861 Dunrobin Avenue
143	6903 Carson Street	189	5938 Eastbrook Avenue	235	3718 Loomis Street
144	11750 214th Street	190	21501 Pioneer Boulevard	236	5227 Lakewood Boulevard
145	5712 Capetown Avenue	191	20702 Seine Avenue	237	5521 South Street
146	6245 Woodruff Avenue	192	12121 Centralia Street	238	5601 South Street
147	5858 Graywood Avenue	193	5608 Rocket Street	239	11853 207th Street
148	5939 Eastbrook Avenue	194	6142 Dunrobin Avenue	240	4001 Hardwick Street
149	6003 Dunrobin Avenue	195	21003 Bloomfield Avenue	241	20818 Seine Avenue
150	5861 Daneland Street	196	6219 Ibbetson Avenue	242	11938 207th Street
151	5861 Daneland Street	197	5453 Del Amo Boulevard	243	11853 207th Street
152	11537 Elvins Street	198	5118 Minturn Avenue	244	11938 207th Street
153	4125 Paramount Boulevard	199	12355 Tilbury Street	245	20904 Roseton Avenue
154	20812 Seine Avenue	200	11421 Carson Street	246	12534 215th Street
155	5867 Eastbrook Avenue	201	4954 Castana Avenue	247	11605 Carson Street
156	11400 215th Street	202	6155 Pennswood Avenue	248	4954 Castana Avenue
157	11720 215th Street	203	21017 Alburtis Avenue	249	20842 Arline Avenue
158	11728 207th Street	204	5938 Dunrobin Avenue	250	11854 209th Street
159	4412 Paula Street	205	2015 DelAmo Boulevard	251	11614 205th Street
160	5465 Del Amo Boulevard	206	5938 Eastbrook Avenue	252	4954 Castana Avenue
161	5939 Eastbrook Avenue	207	21017 Alburtis Avenue	253	5215 Lakewood Boulevard
162	6143 Dunrobin Avenue	208	11442 Gradwell Street	254	11503 Gradwell Street
163	4412 Paula Street	209	11442 Gradwell Street	255	12338 Farlow Street
164	4492 Paula Street	210	5227 Lakewood Boulevard	256	4223 Los Coyotes Diagonal
165	5507 South Street	211	5255 Lakewood Boulevard	257	12338 Farlow Street
166	21423 Ely Avenue	212	5215 Lakewood Boulevard	258	11532 213th Street
167	11750 214th Street	213	5227 Lakewood Boulevard	259	11745 209th Street
168	20807 Elaine Avenue	214	5823 Pennswood Avenue	260	20849 Alburtis Avenue
169	20807 Elaine Avenue	215	5823 Pennswood Avenue	261	20716 IbeX Avenue
170	5928 Dunrobin Avenue	216	5234 Barlin Avenue	262	500 Lakewood Center Mall
171	4139 Maybank Avenue	217	11620 205th Street	263	5101 Clark Avenue
172	5860 Briercrest Avenue	218	4814 Hedda Street	264	21017 Alburtis Avenue
173	5402 Briercrest Avenue	219	5849 Pennswood Avenue	265	11656 215th Street
174	11853 209th Street	220	5823 Pennswood Avenue	266	5860 Briercrest Avenue
175	4934 Barlin Avenue	221	6213 Ibbetson Avenue	267	4954 Castana Avenue
176	6236 Bellflower Boulevard	222	11934 207th Street	268	12017 Lemming Street
177	6236 Bellflower Boulevard	223	4954 Castana Avenue	269	3120 Carson Street
178	4925 Bellflower Boulevard	224	11436 215th Street	270	11716 216th Street

ID	ADDRESS	ID	ADDRESS	ID	ADDRESS
271	2742 Flangel Street	317	20816 Alburtis Avenue	363	2817 Flangel Street
272	11711 209th Street	318	20853 Pioneer Boulevard	364	2837 Flangel Street
273	11703 209th Street	319	11733 209th Street	365	5022 Autry Avenue
274	11750 214th Street	320	20703 Alburtis Avenue	366	20826 Seine Avenue
275	4718 Camerino Street	321	11619 208th Street	367	4000 Hardwick Street
276	11521 214th Street	322	20915 Roseton Avenue	368	5804 Candlewood Street
277	20720 Seine Avenue	323	5520 South Street	369	20822 Seine Avenue
278	5032 Camerino Street	324	11733 209th Street	370	12047 Centralia Street
279	5415 Clark Avenue	325	11400 215th Street	371	11445 211th Street
280	5902 Dunrobin Avenue	326	11624 208th Street	372	5938 Eastbrook Avenue
281	12018 207th Street	327	20915 Roseton Avenue	373	4091 Hardwick Street
282	5539 Hazelbrook Avenue	328	21525 Pioneer Boulevard	374	5557 Woodruff Avenue
283	11555 216th Street	329	5319 Dunrobin Avenue	375	5538 Hazelbrook Avenue
284	5608 Rocket Street	330	6223 Woodruff Avenue	376	11924 207th Street
285	3608 Deerford Street	331	5415 Woodruff Avenue	377	6142 Briercrest Avenue
286	5409 Hazelbrook Avenue	332	11704 207th Street	378	4618 Camerino Street
287	4906 Candlewood Street	333	4751 Hayter Avenue	379	4618 Camerino Street
288	11754 Walcroft Avenue	334	4950 Faculty Avenue	380	4618 Camerino Street
289	4377 Obispo Avenue	335	4126 Brock Avenue	381	4618 Camerino Street
290	11959 Centralia Street	336	4126 Brock Avenue	382	4618 Camerino Street
291	11703 209th Street	337	11699 216th Street	383	5249 Coke Avenue
292	20859 Pioneer Boulevard	338	11699 216th Street	384	2633 Arbor Road
293	11738 Walcroft Avenue	339	20720 Seine Avenue	385	21010 Hawaiian Avenue
294	11726 Walcroft Avenue	340	20720 Seine Avenue	386	5249 Bellflower Boulevard
295	4935 Autry Avenue	341	5015 Del Amo Boulevard	387	21501 Pioneer Boulevard
296	11720 Walcroft Avenue	342	4254 Stevely Avenue	388	11720 215th Street
297	20718 Pioneer	343	11641 Centralia Street	389	6200 Ibbetson Avenue
298	11421 Carson Street	344	20720 Seine Avenue	390	3633 Deerford Street
299	5718 Rocket Avenue	345	11715 208th Street	391	11607 209th Street
300	11624 209th Street	346	11452 216th Street	392	3633 Deerford Street
301	Hardwick St & Lakewood Bl	347	11556 216th Street	393	3602 Deerford Street
302	11729 Walcroft Avenue	348	11556 216th Street	394	
303	11620 206th Street	349	11556 216th Street	395	
304	4950 Montair Avenue	350	5465 Del Amo Boulevard	396	
305	11421 Carson Street	351	20816 Alburtis Avenue	397	
306	20853 Pioneer Boulevard	352	11502 212th Street	398	
307	11620 206th Street	353	5467 Del Amo Boulevard	399	
308	11729 Walcroft Avenue	354	5322 Briercrest Avenue	400	
309	6148 Bellflower Boulevard	355	2703 Flangel Street	401	
310	11709 209th Street	356	2713 Flangel Street	402	
311	5711 Rocket Street	357	2718 Flangel Street	403	
312	5059 Montair Avenue	358	2738 Flangel Street	404	
313	11409 Carson Street	359	2742 Flangel Street	405	
314	11872 207th Street	360	2802 Flangel Street	406	
315	4615 South Street	361	2803 Flangel Street	407	
316	5322 Briercrest Avenue	362	2812 Flangel Street	408	



Office of Community Planning and Development
U.S. Department of Housing and Urban Development
Integrated Disbursement and Information System
PR26 - CDBG Financial Summary Report
Program Year 2024
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PART I: SUMMARY OF CDBG RESOURCES

01 UNEXPENDED CDBG FUNDS AT END OF PREVIOUS PROGRAM YEAR	0.00
02 ENTITLEMENT GRANT	442,613.00
03 SURPLUS URBAN RENEWAL	0.00
04 SECTION 108 GUARANTEED LOAN FUNDS	0.00
05 CURRENT YEAR PROGRAM INCOME	9,000.00
05a CURRENT YEAR SECTION 108 PROGRAM INCOME (FOR SL TYPE)	0.00
06 FUNDS RETURNED TO THE LINE-OF-CREDIT	0.00
06a FUNDS RETURNED TO THE LOCAL CDBG ACCOUNT	0.00
07 ADJUSTMENT TO COMPUTE TOTAL AVAILABLE	0.00
08 TOTAL AVAILABLE (SUM, LINES 01-07)	451,613.00

PART II: SUMMARY OF CDBG EXPENDITURES

09 DISBURSEMENTS OTHER THAN SECTION 108 REPAYMENTS AND PLANNING/ADMINISTRATION	474,784.50
10 ADJUSTMENT TO COMPUTE TOTAL AMOUNT SUBJECT TO LOW/MOD BENEFIT	0.00
11 AMOUNT SUBJECT TO LOW/MOD BENEFIT (LINE 09 + LINE 10)	474,784.50
12 DISBURSED IN IDIS FOR PLANNING/ADMINISTRATION	88,374.71
13 DISBURSED IN IDIS FOR SECTION 108 REPAYMENTS	0.00
14 ADJUSTMENT TO COMPUTE TOTAL EXPENDITURES	0.00
15 TOTAL EXPENDITURES (SUM, LINES 11-14)	563,159.21
16 UNEXPENDED BALANCE (LINE 08 - LINE 15)	(111,546.21)

PART III: LOW/MOD BENEFIT THIS REPORTING PERIOD

17 EXPENDED FOR LOW/MOD HOUSING IN SPECIAL AREAS	0.00
18 EXPENDED FOR LOW/MOD MULTI-UNIT HOUSING	0.00
19 DISBURSED FOR OTHER LOW/MOD ACTIVITIES	474,784.50
20 ADJUSTMENT TO COMPUTE TOTAL LOW/MOD CREDIT	0.00
21 TOTAL LOW/MOD CREDIT (SUM, LINES 17-20)	474,784.50
22 PERCENT LOW/MOD CREDIT (LINE 21/LINE 11)	100.00%

LOW/MOD BENEFIT FOR MULTI-YEAR CERTIFICATIONS

23 PROGRAM YEARS(PY) COVERED IN CERTIFICATION	FY: PY: PY:
24 CUMULATIVE NET EXPENDITURES SUBJECT TO LOW/MOD BENEFIT CALCULATION	0.00
25 CUMULATIVE EXPENDITURES BENEFITTING LOW/MOD PERSONS	0.00
26 PERCENT BENEFIT TO LOW/MOD PERSONS (LINE 25/LINE 24)	0.00%

PART IV: PUBLIC SERVICE (PS) CAP CALCULATIONS

27 DISBURSED IN IDIS FOR PUBLIC SERVICES	69,524.84
28 PS UNLIQUIDATED OBLIGATIONS AT END OF CURRENT PROGRAM YEAR	0.00
29 PS UNLIQUIDATED OBLIGATIONS AT END OF PREVIOUS PROGRAM YEAR	0.00
30 ADJUSTMENT TO COMPUTE TOTAL PS OBLIGATIONS	0.00
31 TOTAL PS OBLIGATIONS (LINE 27 + LINE 28 - LINE 29 + LINE 30)	69,524.84
32 ENTITLEMENT GRANT	442,613.00
33 PRIOR YEAR PROGRAM INCOME	38,975.87
34 ADJUSTMENT TO COMPUTE TOTAL SUBJECT TO PS CAP	0.00
35 TOTAL SUBJECT TO PS CAP (SUM, LINES 32-34)	481,588.87
36 PERCENT FUNDS OBLIGATED FOR PS ACTIVITIES (LINE 31/LINE 35)	14.44%

PART V: PLANNING AND ADMINISTRATION (PA) CAP

37 DISBURSED IN IDIS FOR PLANNING/ADMINISTRATION	88,374.71
38 PA UNLIQUIDATED OBLIGATIONS AT END OF CURRENT PROGRAM YEAR	0.00
39 PA UNLIQUIDATED OBLIGATIONS AT END OF PREVIOUS PROGRAM YEAR	0.00
40 ADJUSTMENT TO COMPUTE TOTAL PA OBLIGATIONS	0.00
41 TOTAL PA OBLIGATIONS (LINE 37 + LINE 38 - LINE 39 +LINE 40)	88,374.71
42 ENTITLEMENT GRANT	442,613.00
43 CURRENT YEAR PROGRAM INCOME	9,000.00
44 ADJUSTMENT TO COMPUTE TOTAL SUBJECT TO PA CAP	0.00
45 TOTAL SUBJECT TO PA CAP (SUM, LINES 42-44)	451,613.00
46 PERCENT FUNDS OBLIGATED FOR PA ACTIVITIES (LINE 41/LINE 45)	19.57%

				Office of Community Planning and Development U.S. Department of Housing and Urban Development Integrated Disbursement and Information System PR26 - CDBG Financial Summary Report Program Year 2024 Lakewood , CA			DATE: 08-22-25 TIME: 16:08 PAGE: 4
Plan Year	IDIS Project	IDIS Activity	Voucher Number	Activity Name	Matrix Code	National Objective	Drawn Amount
2024	8	401	6984927	Program Administration	21A		\$28,403.97
2024	8	401	7002503	Program Administration	21A		\$17,253.15
2024	8	401	7015162	Program Administration	21A		\$2,935.17
2024	8	401	7043505	Program Administration	21A		\$56.45
Total					21A	Matrix Code	\$88,374.71



LINE 17 DETAIL: ACTIVITIES TO CONSIDER IN DETERMINING THE AMOUNT TO ENTER ON LINE 17

No data returned for this view. This might be because the applied filter excludes all data.

LINE 18 DETAIL: ACTIVITIES TO CONSIDER IN DETERMINING THE AMOUNT TO ENTER ON LINE 18

No data returned for this view. This might be because the applied filter excludes all data.

LINE 19 DETAIL: ACTIVITIES INCLUDED IN THE COMPUTATION OF LINE 19

Plan Year	IDIS Project	IDIS Activity	Voucher Number	Activity Name	Matrix Code	National Objective	Drawn Amount
2019	9	348	6947909	Weingart Senior Center Improvements	03A	LMC	\$63,639.25
2019	9	348	6963241	Weingart Senior Center Improvements	03A	LMC	\$15,262.50
2019	9	348	6984927	Weingart Senior Center Improvements	03A	LMC	\$13,163.00
2019	9	348	7002503	Weingart Senior Center Improvements	03A	LMC	\$2,478.25
2019	9	348	7043505	Weingart Senior Center Improvements	03A	LMC	\$2,500.00
					03A	Matrix Code	\$97,043.00
2024	12	402	7015162	ADA Compliant Curb Replacement Project	03B	LMC	\$174,815.74
2024	12	402	7057543	ADA Compliant Curb Replacement Project	03B	LMC	\$9,000.00
					03B	Matrix Code	\$183,815.74
2024	4	397	6947909	Meals on Wheels	05A	LMC	\$1,393.32
2024	4	397	6963241	Meals on Wheels	05A	LMC	\$696.66
2024	4	397	6984927	Meals on Wheels	05A	LMC	\$2,089.98
2024	4	397	7002503	Meals on Wheels	05A	LMC	\$696.66
2024	4	397	7015162	Meals on Wheels	05A	LMC	\$696.66
2024	4	397	7043505	Meals on Wheels	05A	LMC	\$1,393.32
2024	4	397	7057535	Meals on Wheels	05A	LMC	\$1,393.32
2024	5	398	6947909	Pathways Volunteer Hospice	05A	LMC	\$583.33
2024	5	398	6963241	Pathways Volunteer Hospice	05A	LMC	\$1,131.70
2024	5	398	6984927	Pathways Volunteer Hospice	05A	LMC	\$1,749.99
2024	5	398	7002503	Pathways Volunteer Hospice	05A	LMC	\$583.33
2024	5	398	7015162	Pathways Volunteer Hospice	05A	LMC	\$583.33
2024	5	398	7043505	Pathways Volunteer Hospice	05A	LMC	\$1,749.99
2024	5	398	7057535	Pathways Volunteer Hospice	05A	LMC	\$583.33
2024	6	399	6947909	Human Services Association	05A	LMC	\$708.33
2024	6	399	6963241	Human Services Association	05A	LMC	\$1,416.66
2024	6	399	6984927	Human Services Association	05A	LMC	\$1,416.66
2024	6	399	7002503	Human Services Association	05A	LMC	\$1,416.66
2024	6	399	7015162	Human Services Association	05A	LMC	\$708.33
2024	6	399	7043505	Human Services Association	05A	LMC	\$2,124.99
2024	6	399	7057535	Human Services Association	05A	LMC	\$708.33
					05A	Matrix Code	\$23,824.88
2024	2	395	6947909	Fair Housing	05J	LMC	\$6,450.00
2024	2	395	6963241	Fair Housing	05J	LMC	\$3,225.00
2024	2	395	6984927	Fair Housing	05J	LMC	\$6,450.00
2024	2	395	7002503	Fair Housing	05J	LMC	\$3,225.00
2024	2	395	7015162	Fair Housing	05J	LMC	\$8,471.58
2024	2	395	7043505	Fair Housing	05J	LMC	\$7,653.92
2024	2	395	7057535	Fair Housing	05J	LMC	\$3,224.50
					05J	Matrix Code	\$38,700.00
2024	3	396	6947909	Community Family Guidance	05N	LMC	\$1,166.66
2024	3	396	6963241	Community Family Guidance	05N	LMC	\$583.33
2024	3	396	6984927	Community Family Guidance	05N	LMC	\$1,749.99
2024	3	396	7002503	Community Family Guidance	05N	LMC	\$583.33
2024	3	396	7015162	Community Family Guidance	05N	LMC	\$583.33
2024	3	396	7043505	Community Family Guidance	05N	LMC	\$1,881.33
2024	3	396	7057535	Community Family Guidance	05N	LMC	\$451.99
					05N	Matrix Code	\$6,999.96
2024	7	400	6947909	Rehabilitation Delivery Costs	14H	LMH	\$3,792.94
2024	7	400	6963241	Rehabilitation Delivery Costs	14H	LMH	\$12,521.73



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Plan Year	IDIS Project	IDIS Activity	Voucher Number	Activity Name	Matrix Code	National Objective	Drawn Amount
2024	7	400	6984927	Rehabilitation Delivery Costs	14H	LMH	\$44,160.29
2024	7	400	7002503	Rehabilitation Delivery Costs	14H	LMH	\$4,276.31
2024	7	400	7015162	Rehabilitation Delivery Costs	14H	LMH	\$13,682.97
2024	7	400	7043505	Rehabilitation Delivery Costs	14H	LMH	\$12,090.87
							\$90,525.11
2024	1	394	6947909	Code Enforcement	15	LMA	\$5,027.24
2024	1	394	6963241	Code Enforcement	15	LMA	\$7,722.44
2024	1	394	6984927	Code Enforcement	15	LMA	\$6,718.55
2024	1	394	7002503	Code Enforcement	15	LMA	\$1,956.18
2024	1	394	7015162	Code Enforcement	15	LMA	\$5,188.08
2024	1	394	7043505	Code Enforcement	15	LMA	\$7,263.32
							\$33,875.81
Total							\$474,784.50

LINE 27 DETAIL: ACTIVITIES INCLUDED IN THE COMPUTATION OF LINE 27

Plan Year	IDIS Project	IDIS Activity	Voucher Number	Activity to prevent, prepare for, and respond to Coronavirus	Activity Name	Grant Number	Fund Type	Matrix Code	National Objective	Drawn Amount
2024	4	397	6947909	No	Meals on Wheels	B23MC080521	PI	05A	LMC	\$1,393.32
2024	4	397	6963241	No	Meals on Wheels	B24MC080521	EN	05A	LMC	\$898.88
2024	4	397	6984927	No	Meals on Wheels	B24MC080521	EN	05A	LMC	\$2,089.98
2024	4	397	7002503	No	Meals on Wheels	B24MC080521	EN	05A	LMC	\$898.88
2024	4	397	7015162	No	Meals on Wheels	B24MC080521	EN	05A	LMC	\$898.88
2024	4	397	7043505	No	Meals on Wheels	B24MC080521	EN	05A	LMC	\$1,393.32
2024	4	397	7057535	No	Meals on Wheels	B24MC080521	EN	05A	LMC	\$1,393.32
2024	5	398	6947909	No	Pathways Volunteer Hospice	B23MC080521	PI	05A	LMC	\$583.33
2024	5	398	6963241	No	Pathways Volunteer Hospice	B24MC080521	EN	05A	LMC	\$1,131.70
2024	5	398	6984927	No	Pathways Volunteer Hospice	B24MC080521	EN	05A	LMC	\$1,749.99
2024	5	398	7002503	No	Pathways Volunteer Hospice	B24MC080521	EN	05A	LMC	\$583.33
2024	5	398	7015162	No	Pathways Volunteer Hospice	B24MC080521	EN	05A	LMC	\$583.33
2024	5	398	7043505	No	Pathways Volunteer Hospice	B24MC080521	EN	05A	LMC	\$1,749.99
2024	5	398	7057535	No	Pathways Volunteer Hospice	B24MC080521	EN	05A	LMC	\$583.33
2024	6	399	6947909	No	Human Services Association	B23MC080521	PI	05A	LMC	\$708.33
2024	6	399	6963241	No	Human Services Association	B24MC080521	EN	05A	LMC	\$1,418.88
2024	6	399	6984927	No	Human Services Association	B24MC080521	EN	05A	LMC	\$1,418.88
2024	6	399	7002503	No	Human Services Association	B24MC080521	EN	05A	LMC	\$1,418.88
2024	6	399	7015162	No	Human Services Association	B24MC080521	EN	05A	LMC	\$708.33
2024	6	399	7043505	No	Human Services Association	B24MC080521	EN	05A	LMC	\$2,124.99
2024	6	399	7057535	No	Human Services Association	B24MC080521	EN	05A	LMC	\$708.33
								05A	Matrix Code	\$23,824.88
2024	2	395	6947909	No	Fair Housing	B23MC080521	PI	05J	LMC	\$8,450.00
2024	2	395	6963241	No	Fair Housing	B24MC080521	EN	05J	LMC	\$3,225.00
2024	2	395	6984927	No	Fair Housing	B24MC080521	EN	05J	LMC	\$8,450.00
2024	2	395	7002503	No	Fair Housing	B24MC080521	EN	05J	LMC	\$3,225.00
2024	2	395	7015162	No	Fair Housing	B22MC080521	EN	05J	LMC	\$2,021.58
2024	2	395	7015162	No	Fair Housing	B24MC080521	EN	05J	LMC	\$8,450.00
2024	2	395	7043505	No	Fair Housing	B24MC080521	EN	05J	LMC	\$7,853.92
2024	2	395	7057535	No	Fair Housing	B24MC080521	EN	05J	LMC	\$3,224.50
								05J	Matrix Code	\$38,700.00
2024	3	396	6947909	No	Community Family Guidance	B23MC080521	PI	05N	LMC	\$1,188.88
2024	3	396	6963241	No	Community Family Guidance	B24MC080521	EN	05N	LMC	\$583.33
2024	3	396	6984927	No	Community Family Guidance	B24MC080521	EN	05N	LMC	\$1,749.99
2024	3	396	7002503	No	Community Family Guidance	B24MC080521	EN	05N	LMC	\$583.33
2024	3	396	7015162	No	Community Family Guidance	B24MC080521	EN	05N	LMC	\$583.33
2024	3	396	7043505	No	Community Family Guidance	B24MC080521	EN	05N	LMC	\$1,881.33
2024	3	396	7057535	No	Community Family Guidance	B24MC080521	EN	05N	LMC	\$451.99
								05N	Matrix Code	\$6,999.96
										\$69,524.84
				No	Activity to prevent, prepare for, and respond to Coronavirus					\$69,524.84
Total										\$69,524.84

LINE 37 DETAIL: ACTIVITIES INCLUDED IN THE COMPUTATION OF LINE 37

Plan Year	IDIS Project	IDIS Activity	Voucher Number	Activity Name	Matrix Code	National Objective	Drawn Amount
2024	8	401	6947909	Program Administration	21A		\$304.45
2024	8	401	6963241	Program Administration	21A		\$39,421.52

Long Beach Press-Telegram
5150 E. Pacific Coast Highway Suite 200
Long Beach, California 90804
(310) 540-5511

CITY OF LAKEWOOD/LEGALS
PO BOX 220
LAKEWOOD, California 90714

FILE NO. 0011751730

**PROOF OF PUBLICATION
(2015.5 C.C.P.)**

**STATE OF CALIFORNIA
County of Los Angeles**

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not party to or interested in the above-entitled matter. I am the principal clerk of the printer of Long Beach Press-Telegram, a newspaper of general circulation, printed and published in the City of Long Beach*, County of Los Angeles, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Los Angeles, State of California, under the date of March 21, 1934, Case Number 370512. The notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

08/22/2025

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Executed at Long Beach, California,
this 22nd day of August, 2025.



Signature

*Long Beach Press-Telegram, a newspaper of general circulation, is delivered to and available in but not limited to the following cities: Long Beach, Lakewood, Bellflower, Compton, Downey, Norwalk, Artesia, Paramount, Wilmington, Carson, South Gate, Los Alamitos, Seal Beach, Cypress, La Brea, Lynwood, San Pedro, Hawaiian Gardens, and Signal Hill.

**NOTICE OF PUBLIC HEARING FOR FY 2024-2025
CONSOLIDATED ANNUAL PERFORMANCE AND
EVALUATION REPORT
AND 15-DAY COMMENT PERIOD**

NOTICE IS HEREBY GIVEN that on Tuesday, September 9, 2025, a Public Hearing will be held before the City of Lakewood's City Council for citizen comments on the City's Consolidated Annual Performance and Evaluation Report (CAPER) for the Fiscal Year (FY) July 1, 2024 – June 30, 2025. The CAPER is an assessment of the effectiveness of the City of Lakewood's performance during the reporting period of FY 2024 – 2025, and the achievement of its five-year strategy objectives and priorities as described in the Consolidated Plan.

The CAPER will be available for public review during the 15-day comment period beginning Friday, August 22, 2024. The City of Lakewood welcomes any written recommendations, suggestions, or other input on the CAPER.

The City of Lakewood intends to provide reasonable accommodations in accordance with the Americans with Disabilities Act of 1990. If special accommodations are required, please call Carolyn Lehouillier, Housing Specialist, at (562) 866-9771, extension 2320, at least 48 hours prior to the Public Hearing.

Citizens wishing to comment on the FY 2024 – 2025 CAPER may be heard at the September 9, 2025 Public Hearing or may do so in writing and be received by September 8, 2025 to:

City of Lakewood
Community Development Department
5050 Clark Avenue
Lakewood, CA 90712
Attention: Carolyn Lehouillier
Housing Specialist

NOTICE IS FURTHER GIVEN that said Public Hearing will be held Tuesday, September 9, 2025, at 7:30 p.m. in the Council Chambers at the Civic Centre, 5000 Clark Avenue, Lakewood, California 90712. All interested persons may attend at said time and testify in this matter. The current proposed CAPER is available for review online at www.lakewoodcity.org, in the City Clerk's office and Community Development Department at Lakewood City Hall, 5050 Clark Avenue, Lakewood, California, and at Iacaboni Library, 4990 Clark Avenue, Lakewood California.

NOTICE IS FURTHER GIVEN that if you challenge the aforementioned action in court, you may be limited to raise only those issues you or someone else raised at the Public Hearing described in this notice, or in written correspondence delivered to the City, at or prior to the Public Hearing.

Thaddeus McCormack
City Manager, City of Lakewood
Dated this 22nd day of August, 2025

Long Beach Press-Telegram
Published: 8/22/25

DIVIDER SHEET



Reports

COUNCIL AGENDA

September 9, 2025

TO: The Honorable Mayor and City Council

SUBJECT: Lakewood Boulevard – Paving Change Order and Willdan Proposal

INTRODUCTION

In June of 2025, the City Council awarded a contract to Hardy and Harper, Inc. to perform concrete and paving improvements per the Annual Streets and Alley Resurfacing Project. The project will resurface approximately 13.5 centerline miles of street segments using various transportation funds. The areas include portions of Carson Street, Centralia Street, Clark Avenue, Downey Avenue, Norwalk Boulevard, a few residential alleys, and two residential neighborhoods. One of the residential neighborhoods is bounded by Del Amo, Woodruff, Bellflower, and Arbor, and the other residential neighborhood is bounded by Del Amo, Norwalk, Pioneer, and Centralia. The total contract award was in the amount of \$12,320,469, and an additional \$2,000,000 in contingency funds for change orders authorized by staff. Project construction has begun and is expected to continue through Spring of 2026. Concrete and asphalt improvements have already been performed along portions of Downey Avenue and Carson Street.

STATEMENT OF FACT

To date, staff has identified the need for the following modifications utilizing the awarded contingency pf \$2,000,000, and additions to the work which total an estimated \$402,500:

1. Provide changeable message boards to alert drivers of construction impacts – Additional estimated cost: \$12,500.
2. Perform a one-inch levelling course of pavement and a subsequent two-inch surface course of pavement in lieu of the planned three inches of pavement. Post award, Caltrans paving standards changed to no longer recommend a three-inch thick operation with rubberized material. This will provide a longer lasting and higher quality product for the arterial streets as rubberized asphalt is difficult to compact to the required project densities when constructed in a single three-inch thick pavement course – Additional estimated cost: \$390,000.

All funding allocations assigned to the project are accumulated funds from Fiscal Year 2024-25 funds that are being carried over to Fiscal Year 2025-26 and do not affect the current fiscal year's appropriations.

Subsequent to award of the larger paving project, staff determined it was impractical to continue to patch potholes on Lakewood Boulevard. In the interest of efficiency, staff approached Hardy and Harper, Inc., to provide an estimate to perform a resurfacing of Lakewood Boulevard. The work will include: necessary concrete repairs and ADA Curb ramp replacements, a variable depth of 3 to 4 inches of asphalt replacement, traffic loop replacement, manhole adjustment to grade, and striping replacement. The contractor's estimate is \$2,315,740, and staff recommend including an additional contingency of \$275,000 to account for unforeseen modifications on the added scope.

In order to ensure proper striping replacement, staff is proposing to utilize the services of the City's on-call engineering company, Willdan. They will provide a striping plan for Lakewood Boulevard and a technical memorandum justifying the need to remove the unprotected crosswalks located at Michelson Street and Hedda Street. These locations were identified within the "Analysis of Uncontrolled Marked Crosswalks – 23 Locations" dated March 2024, prepared by Willdan, and presented to the CIP Committee on March 17, 2025. The total amount proposed by Willdan is \$17,000.

In addition to Lakewood Boulevard scope, PW staff approached Hardy and Harper to provide additional scope to the project for the following items:

1. Replace ten (10) speed feedback signs to ensure regulatory compliance and ease of maintenance. The original project scope included the installation of two signs, and there are eight (8) additional signs in the City that have been recently determined to be noncompliant with the latest requirements of the Manual for Uniform Traffic Control Devices (MUTCD). The City has been able to gain governmental pricing for these additional signs and the estimated cost is \$100,000. These signs feature:
 - a. Solar powered stand alone device with up to 12 days of battery autonomy.
 - b. Complies with current MUTCD regulations. The current ones do not.
 - c. Driver Feedback software will allow:
 - i. Adjust sign settings remotely online
 - ii. Set minimum and maximum display speeds
 - iii. Set speed limit/violator speed
 - iv. Configure alternative speed settings during school zone operation
 - v. Display fastest speed or strongest signal
 - vi. Adjust radar sensitivity to control vehicle display distance
 - vii. Data Viewing and analyze recorded driver speed data in RTC-Connect.com via the Average Speed graph, Vehicle Volume graph

d. The locations are as follows:

Street	Direction	Location
Clark Avenue	North	North of Burns Driveway
	South	Between Allington and Ashworth
	North	Between South Street and Hedda
	South	Between South Street and Michelson
Downey Avenue	North	Between Candlewood and Michelson
	South	At Wolfe
Norwalk Boulevard	North	North of 209 th Street
	South	South of Renville
Pioneer Boulevard	North	South of 207 th Street
	South	North of 205 th Street

2. Perform modifications to the raised median at the intersection of Carson Street and Obispo Avenue to improve ADA access throughout the intersection. The additional estimated cost for this work is \$21,000. Improvements expected are:
 - a. Modifications to the median “noses” to relocate them outside of the crosswalk areas
 - b. Additional ADA compliant curb ramps
 - c. Reconfiguration of proposed bus stop with ADA curb ramp access.
 - d. Modifications to the traffic signal to address split phasing have been submitted to Los Angeles County through a work order.

FISCAL IMPACT

The total new allocation needed is \$2,728,740. There are \$2,746,802 currently available through the end of Fiscal Year 24-25 within the city’s RMRA and Proposition C fund balances. This will allow the remaining amount of \$1,277,000 available in Measure M and Measure R funds through the end of Fiscal Year 25-26 for the future needs of the Annual Street and Alleys project.

RECOMMENDATION

Staff recommends that the City Council:

1. Increase the appropriation of special restricted SB1 (RMRA) funds toward the project in the amount of \$1,727,802.
2. Increase the appropriation of special restricted Proposition C funds toward the project in the amount of \$1,000,938
3. Authorize staff to approve a change order with Hardy and Harper for the inclusion of Lakewood Blvd into the project scope in the amount of \$2,315,740.
4. Authorize staff to approve a change order with Hardy and Harper for the inclusion of ten (10) speed feedback signs into the project scope in the amount of \$100,000.

5. Authorize staff to approve a change order with Hardy and Harper for the inclusion of raised median modifications at the intersection of Carson Street and Obispo Avenue into the project scope in the amount of \$21,000.
6. Increase project contingency by an additional \$275,000 for a total of \$2,275,000.

For  Kelli Pickler
Director of Public Works


Thaddeus McCormack
City Manager

DIVIDER SHEET

COUNCIL AGENDA
September 9, 2025

TO: The Honorable Mayor and City Council

SUBJECT: Fall/Winter Recreation Programs and Events

INTRODUCTION

From youth sports activities to community service initiatives, the Recreation and Community Services department plays a central role in creating opportunities that enrich the lives of all those who participate in the many programs and activities offered. Registration for 2025 fall classes began over the Labor Day weekend and classes will start on Monday, September 29 and run through January 2026.

STATEMENT OF FACT

The seasonal recreation catalog is the guidebook for recreation programs, activities and events scheduled at city parks and community centers. The catalog was mailed to all residential addresses and made available online beginning Thursday, August 28. Additionally, a limited number of hard copies of the catalog are available for pick up at Lakewood parks, community centers, and Lakewood City Hall. Falling in line to promote this season's recreational opportunities, the catalog lists over 350 classes and workshops. The cover features fall and winter activities including Tree Lighting, LYS flag football, Fest-of-All and Halloween Carnivals.

After-School and School Vacation Supervision

Lakewood's Recreation and Community Services Department is dedicated to keeping city parks a healthy and fun place for kids to enjoy self-directed activities after school. Clean, safe parks overseen by trained recreation staff are a great place for kids to be creative, active and to socialize with friends. Kids can check out supplies to use while enjoying the park, and return to park staff when done, including:

- Playground equipment
- Board games
- Arts and crafts supplies

Park supervision hours adjust to school schedules to provide additional supervision on early dismissal days and holidays.

For the traditional two-week winter holiday school recess, a "Winter Wonderland" Day Camp will be offered for children ages 6-12 at Mayfair Park featuring arts and crafts, outdoor sports, indoor games, and specialized activities. Week 1 of camp will take place the week of December 22 and will include an excursion to Starlight Cinemas on Tuesday, December 23. Week 2 will run the week of December 29 and will feature a New Year's-themed party with special entertainment on Tuesday, December 30. Each week includes three full days of programming, with no camp held on Christmas Eve, Christmas Day, New Year's Eve, or New Year's Day.

Facility supervision schedules at most city parks are:

	August 25 – November 1, 2025	November 2– March 7, 2026
Monday – Friday	3 – 6 p.m.	3 – 5 p.m.
Saturday	9 a.m. – 6 p.m.	9 a.m. – 5 p.m.
Sunday/School Holidays	12 noon – 6 p.m.	12 noon – 5 p.m.
All parks are closed on Thanksgiving Day, Christmas Eve and Christmas Day		

Teen Programs

The Lakewood Youth Center and Teen Resource Center at Bloomfield Park will provide a slate of educational and social programs as well as volunteer opportunities for teens in Lakewood. Both centers are open daily and offer a variety of amenities including gaming systems, computers, air hockey, ping-pong, movies and music. Additionally, specialized programming opportunities include Fusion Fridays at the Youth Center and Super Saturdays at the Teen Resource Center.

Middle and High School students can join the Lakewood Teen Action Committee to earn community service hours, meet teens from other schools, gain work experience through volunteering at parks and at special events, learn life skills and plan events for teens. The 2025-26 volunteer kick-off meeting will be held on Saturday, September 27 from 10 a.m. – 12 p.m. at the Lakewood Youth Center.

The Annual College Fair returns to The Centre on Tuesday, October 14 from 6-8 p.m. Over 50 colleges from across the country are expected to host a display booth and over 300 students and caregivers are anticipated to attend.

Lakewood Youth Sports

The Lakewood Youth Sports (LYS) program continues to be a core focus area of recreational opportunities for youth in Lakewood, providing young residents a free, fun, and inclusive sports atmosphere to learn athletic skills and the value of sportsmanship. The fall season will offer flag football, volleyball and volleytennis. Registration took place July 26 through August 9. There is no fee for Lakewood residents. Non-resident registration is \$20 per athlete.

The flag football program will offer three divisions. The Rookie Division, for ages 4-5, offers participants a fun introduction to flag football fundamentals using a foam football and modified rules for fun with minimal competition. The Smurf Division, for ages 6-7, offers participants a non-competitive league to prepare athletes for the transition from Smurf to competitive play. The Competitive Division is for youth ages 8-17.

The volleytennis program, for ages 8-9, is a fast-moving game played like volleyball with a modified format where the ball is allowed to bounce during play. Volleyball is offered for participants ages 10-17. Players are assigned to teams for league play and city championships.

Teams will practice and play on weekday evenings and Saturdays. Volleyball teams will practice and play games at the Hoover Middle School gymnasium. LYS practices began the week of September 1, while league games will be played September 20 through November 8. Playoffs will conclude by Saturday, November 15.

Older Adult Programming

Lakewood's senior population will also find many opportunities to stay busy this fall. At the Burns Community Center, fitness classes, including a cardio circuit class, stretching, walking club, and chair volleyball, are offered daily, with a few of the more popular classes meeting twice per week. The competitive pickleball group attracts over 200 members and will continue to offer six meeting times a week, with three days of morning play and three days of evening play. Also scheduled this fall are regular programs including: two driving courses sponsored by AARP; three Canvas and Cupcake classes; two Bunco parties; three seasonal cookie decorating classes; two Trivia Nights; a Spooky Signs class; and a new "All about Instagram" class.

Daily activities at the Weingart Senior Center are going strong and include a variety of classes that keep older adults interested and engaged. The fitness room provides stationary bikes, treadmills, and weights, and is open for daily use. Additionally, recreation staff leads and conducts fitness classes including chair exercise, mat exercise, aerobics and cardio salsa. A variety of dance, art, handicraft, and other recreation programs are also offered throughout the week. Karaoke Dance and Sing is currently offered twice per month. The Human Services Association Nutrition Program provides in-person congregate dining five days per week. Additionally, the 43rd annual Fall Craft Festival will take place on Saturday, September 27 from 10 a.m. to 3 p.m., inviting sellers age 50+ to sell a variety of handmade items at reasonable prices. The 14th annual Older Adults Benefits Fair takes place at Weingart Senior Center on Monday, October 20 from 10 a.m. to noon. Representatives of various health plans will help seniors compare benefits.

Fall Special Events

The City of Lakewood will commemorate Patriot Day with a flag-lowering ceremony from 6:30-7 p.m. on Thursday, September 11 in the west parking lot at Lakewood City Hall. The 30 minute ceremony includes the presentation of the colors, remarks from city council, patriotic musical performances, and a moment of silence. At the conclusion of the event, Los Angeles County Sheriff's Department trumpet players will play as the nation's flag is lowered for the night.

The fall issue of the catalog promotes lots of family fun this season with FUN-Tastic Family Nights and Play at Palms events. The first FUN-Tastic Family Night is the Swashbuckling Pirate Show on Friday, September 19, which sends guests on a quest to learn what it takes to be a pirate. The other FUN-Tastic Family Night event will be Powerhouse Percussion Tap, a high-energy stomp dance experience, on Friday, November 21.

Play at Palms offers additional fun family activities this fall, with two events. The first event includes a free Concert in the Outfield featuring "Ivan Estrella and Mariachi Angeles" on September 12. The second event will include The Amazing Dave's Jurassic Magic Show on January 9, 2026, with hilarious magic and other dinosaur themed surprises.

The Lollipop Lane Craft Boutique will once again take place at Mayfair Park on Saturday, October 18 from 9 a.m. to 3 p.m. This shopping venue will feature over 100 vendors, many of whom are Lakewood residents, selling affordable handmade craft and gift items.

Fest-of-All

This year the fifth annual Fest-Of-All multi-cultural food and music festival will be held on Saturday, October 11 from 2 to 8 p.m. at its new location, Palms Park. Representing a wide variety of cultures, Fest-Of-All will include the following key event elements:

- Multi-Cultural Food Court
- Two entertainment stages—with a wide variety of musical acts and dance performers
- Family Fun Zone with inflatable attractions
- Craft Village
- Children's Cultural Booth
- Community display booths for Lakewood non-profit organizations

Food traditionally brings people together and creates a bridge amongst cultures. This year, the Multicultural Food Court is once again expected to provide samples of cuisine representing many cultures.

Two stages, a main concert stage and a cultural stage, will showcase a variety of entertainment throughout the event. There will be a shaded picnic area centrally located between the two stages for event attendees to enjoy the entertainment.

Upstream, a Caribbean, Reggae, Latin, Soul band, will lead the entertainment schedule on the concert stage beginning at 3:30 p.m., and Adelaide Pillar's Tribute to Selena will close out the event.

The cultural stage will host a variety of acts that highlight different dances and performances from around the world. Hoku Mae'ole Polynesia, The Magic of Bellydance by Fahtiem, Latinas Art Foundation, Powerhouse Percussive Dance and Xipe Totec Danzantes Aztecas are all scheduled to perform.

Fun Zone activities will begin at 2 p.m. Elite Special Events will again provide kid-oriented attractions at the Fest-Of-All. Amusements will include a giant slide, an inflatable obstacle course, and bounce houses. Inflatable attractions will be free for participants.

The Fest-Of-All Craft Village will offer a unique outdoor shopping experience for event attendees. A variety of vendors will participate in this year's Fest-Of-All, selling items such as soaps, lotions, candles, clothing, jewelry, books, artwork, ceramics, and home décor.

The Passport Around the World will encourage event attendees to visit vendor and community booths by collecting stamps from each booth. Participants will benefit by learning what each display booth has to offer and vendors appreciate being able to showcase the items they have for sale. Upon completion, passports can be redeemed for this year's special Fest-of-All giveaway item.

Children, ages 12 and under, can participate in free craft and cooking activities in the Children's Cultural Booth. The activities in the cultural booth feature activities representing multiple countries and provide a hands-on experience for the young people who participate.

Community display booths feature and promote Lakewood community organizations. These groups will provide free promotional material and information about their organization.

City staff will be working during the course of the event, monitoring the various event components, assisting Fest-Of-All attendees, entertainers, and vendors. Additionally, to ensure a safe and clean event, staff will manage crowd control issues, such as litter collection, replenishing event supplies, distributing handouts, and staffing the first aid station. Event staff will be identifiable in a Fest-Of-All event staff t-shirt.

Halloween

Lakewood's Halloween carnivals will take place at eight parks on Friday, October 31 from 6 to 8:30 p.m. The free carnivals feature game booths and contests in a safe Halloween environment for youngsters 6 to 12 years of age. Over 200 attractions for preschool and school-age children will be featured. Winners will receive candy or novelty prizes at each booth. Special contests and games are scheduled throughout the evening, highlighted by a costume parade for all ages at 7 p.m. Popular attractions include the haunted house, specially designed for children 6 to 11 years old, which will be open throughout the evening at Bolivar, Del Valle, Palms and San Martin Parks. Mayfair Park will also have inflatable bounce houses, obstacle courses, and extreme attractions on site for additional Halloween fun at family-friendly rates.

Project Shepherd

The Project Shepherd Holiday Program will support Lakewood families in need with canned food, grocery store gift cards and gifts for children this holiday season. Local schools will be encouraged to support efforts with a food drive again this year. Children enrolled in the Project Shepherd program can request individualized gifts through the Teddy Bear Tree Program. Community members, employee groups, churches, and businesses throughout the city traditionally fulfill gift requests for this holiday giving program. Virtual options such as online donations and the Amazon Gift Registry will once again be offered this year. Registration for the Project Shepherd Program opens on Monday, November 3 at the Burns Community Center and Palms Park, with distribution of gifts and food on Friday, December 12th and Saturday, December 13th.

SUMMARY

The department's youth sports leagues, programs for older adults, teen programming, community special events, and contract classes continue to provide residents with opportunities to learn, be active, have fun, and connect with the community.

RECOMMENDATION

It is the recommendation of staff that the City Council receive and file the report on Fall/Winter Recreation Programs and Events.

Valarie Frost, Director 
Recreation and Community Services


Thaddeus McCormack
City Manager

DIVIDER SHEET

Housing Successor



**CITY OF LAKEWOOD SUCCESSOR AGENCY - HOUSING
FUND SUMMARY 8/14/2025**

In accordance with section 2521 of the Lakewood Municipal Code, presented herewith is a summary of obligations to be paid by the City of Lakewood. Each of the following demands has been audited by the Director of Finance and Administrative Services and approved by the City Manager.

3901	HOUSING SUCCESSOR AGENCY	9,863.00
		9,863.00

Council Approval		
	Date	City Manager
Attest		
	City Clerk	Director of Finance and Administrative Services

**CITY OF LAKEWOOD SUCCESSOR AGENCY - HOUSING
SUMMARY CHECK/EFT REGISTER**

CHECK/EFT DATE	VENDOR NAME	CHECK/EFT AMOUNT
08/14/2025	FLEX PAINTING	9,863.00
	Totals:	9,863.00

CITY OF LAKEWOOD SUCCESSOR AGENCY - HOUSING
FUND SUMMARY 8/21/2025

In accordance with section 2521 of the Lakewood Municipal Code, presented herewith is a summary of obligations to be paid by the City of Lakewood. Each of the following demands has been audited by the Director of Finance and Administrative Services and approved by the City Manager.

3901	HOUSING SUCCESSOR AGENCY	35,000.00
		<u>35,000.00</u>

Council Approval	_____	_____
	Date	City Manager

Attest	_____	_____
	City Clerk	Director of Finance and Administrative Services



**CITY OF LAKEWOOD SUCCESSOR AGENCY - HOUSING
SUMMARY CHECK/EFT REGISTER**

<u>CHECK/EFT DATE</u>	<u>VENDOR NAME</u>	<u>CHECK/EFT AMOUNT</u>
08/21/2025	OZORIO, DAN AND ANNA AND	35,000.00
	Totals:	<u>35,000.00</u>