

CITY OF SAN LEANDRO

Stormwater Fee Report

March 12, 2024
Final Report



This page intentionally left blank for double-sided printing purposes.



590 Ygnacio Valley Road, Suite 105
Walnut Creek, California 94596
Tel: (925) 977-6950
Fax: (925) 977-6955
hfh-consultants.com

HF&H CONSULTANTS, LLC
Managing Tomorrow's Resources Today

John W. Farnkopf, PE
Laith B. Ezzet, CMC
Richard J. Simonson
Marva M. Sheehan, CPA
Robert C. Hilton

March 12, 2024

Fran Robustelli
City Manager
City of San Leandro
835 E. 14th Street
San Leandro, CA 94577

Subject: Stormwater Fee Report

Fran Robustelli:

HF&H is pleased to submit this stormwater fee report for the City of San Leandro (City). The report summarizes the analysis that was conducted to develop updated fees, by land use, to become effective July 1, 2024.

We greatly appreciate your assistance in developing the cost-of-service analysis.

Sincerely,

HF&H CONSULTANTS, LLC

A blue ink signature of Rick Simonson, written in a cursive style.

Rick Simonson
Senior Vice President

TABLE OF CONTENTS

1. INTRODUCTION	2
Overview	2
City's Facilities	2
Stormwater Funding Background	3
Legal Requirements of Stormwater Fee	4
2. STORMWATER FUNDING NEEDS	5
Annual Revenue Requirement	6
3. RATE STRUCTURE ANALYSIS	7
Single-Family Residential Parcels	7
Non-Single Family Residential Parcels	7
Calculation of Estimated Impervious Surface Areas – by Land Use	8
Developed Vacant Parcels	9
Stormwater Fee Calculation	9
Stormwater Fee Calculation – Alternative Funding Level	10
Annual Adjustment	10
Use of Stormwater Fee Funds	11

TABLE OF FIGURES

Table 1. Summary of Capital and Operations and Maintenance Costs	5
Table 2. Estimate of Annual Revenue Requirement	6
Table 3 – Summary of Single-Family Parcels	7
Table 4. Summary of SFEs per Acre for Each Non-Single Family Land Use	8
Table 5. Impervious Area Sampling Results	8
Table 6. Proposed Updated Stormwater Fee (FY 2024-25) – Fund All Capital Projects	10
Table 7. Proposed Updated Stormwater Fee (FY 2024-25) – Fund High and Very High Projects Only	10

1. INTRODUCTION

OVERVIEW

The City of San Leandro (City) has engaged HF&H Consultants, LLC (HF&H) to study, make recommendations, and assist in the implementation of an updated stormwater fee to fund the operation of the municipal stormwater system, including environmental programs, maintenance and operations, capital improvements, and compliance with all state and federal regulations associated with the National Pollutant Discharge Elimination System¹ (NPDES) permit.

In 2023, the City contracted with an engineering firm, Schaaf & Wheeler, to conduct a study to evaluate the condition of, and recommended improvements to, the City's storm drain infrastructure. The Storm Drain Master Plan (SDMP)² presented options for the City to update their storm drain infrastructure to better serve the community and meet capacity requirements to prevent or minimize flooding, to achieve the goals and responsible environmental stewardship, to incorporate the costs of mandated compliance measures (i.e., installation and maintenance of trash capture devices), and guide smart investments in the City's aging storm drain infrastructure.

The City has now embarked on the second phase: implementation of a funding mechanism to fund the recommended improvements as described in the SDMP. For this stormwater fee report, the first step in the process, incorporates information from the SDMP, establishes needs and associated revenues required, and presents two options for a fee structure that are fair and meets all legal requirements in accordance with Proposition 218. Subsequent steps in this implementation phase include a public hearing and a ballot proceeding over the coming months.

CITY'S FACILITIES

The City operates and maintains a storm drainage system, as it is empowered to do per Government Code Sections 38900 and 38901. This complex system is comprised of integrated storm drainage pipes, inlets, outfalls, culverts, pump stations, lagoons and sea walls and perimeter levees to prevent flooding. Parts of the system date back nearly 150 years.

The City's storm drain system intertwines with the Alameda County Flood Control District's (ACFCD) storm drain system; the City may only update portions of the system under their ownership. Due to this, there are areas within the City where upsizing only the City piping will not alleviate flooding as those City pipes flow directly into ones owned by ACFCD. The ACFCD owns seven of the nine pump stations in the City, which further complicates the planning and implementation of Capital Improvement Programs (CIPs). Flooding within San Leandro is caused by two basic interrelated factors: 1) major creeks and channels that overflow due to limited capacity with flood flow and 2) inadequate local drainage infrastructure. The operation and maintenance of major creeks and channels are, for the most part, outside of the City's

¹ Created in 1972 by the Clean Water Act, the NPDES permit program is authorized by the Environmental Protection Agency to allow state governments to perform permitting, administrative, and enforcement aspects of the stormwater program

² City of San Leandro Storm Drain Master Plan Study, Schaaf & Wheeler, January 2024

control. Therefore, the SDMP, and the funding options discussed in this report, focuses on local storm drainage collection facilities owned and operated by the City.

The City encompasses 15.52 square miles and includes several watersheds within the City:

- The Oyster Point Watershed drains a small, primarily industrial region to the east of Oakland Airport and into the San Francisco Bay;
- The San Leandro Marina Watershed drains urban neighborhoods and industrial areas near the marina through an engineered channel and two underground storm drains. It discharges to the San Francisco Bay; and
- The Estudillo Canal Watershed collects urban runoff from a wide area of urban San Leandro, ultimately discharging to the San Francisco Bay utilizing a network of canals and underground storm drains and a small creek along Fairmont.

The City operates and maintains a municipal separate storm sewer system (MS4) within the City's boundaries. The MS4 is made up of man-made drainage systems including, but not limited to, curbs and gutters, ditches, culverts, pipelines, manholes, catch basins (inlets), dry wells and outfall structures.

The primary storm drainage service provided by the City is the collection, conveyance, and overall management of the stormwater runoff from improved parcels. By definition, all improved parcels that shed stormwater into the City's MS4, either directly or indirectly utilize, or are served by, the City's storm drainage system. The need and necessity of this service are derived from property improvements, which historically have increased the amount of stormwater runoff from the parcel by constructing impervious surfaces such as rooftops, pavement areas, and certain types of landscaping that restrict or retard the percolation of water into the soil lens beyond the conditions found in the natural, or unimproved, state. To the extent that a property is in a natural condition or includes features that contain all increased runoff resulting from the property's development, that property is exempted from any MS4 service. As such, open space land (in a natural condition) and agricultural lands that demonstrate stormwater absorption equal to or greater than natural conditions are typically exempt.

The 2023 SDMP contains a thorough set of maps and lists of various elements within the MS4. Those descriptions are the basis for this Report.

STORMWATER FUNDING BACKGROUND

In 1993 the City of San Leandro adopted a Storm Water Fee (Fee) to fund Clean Water Act pollution control mandates and manage the storm drain system. The current Fee generates approximately \$1,070,000 per year. Over the past 30 years, the Fee has not been increased and its purchasing power has decreased by more than half. Over that same period, clean water regulations have increased with more mandates requiring additional investment. Additionally, repair and maintenance of the system is necessary to address flooding and capacity issues and plan for future climate adaptation.

The projected needs of the storm drainage system point toward the need for asking property owners to approve an increase in storm drainage fees in order to ensure a dedicated and sustainable funding stream. As many other municipalities in California have done, including Berkeley, Cupertino, Palo Alto, San Mateo,

and San Jose, the City is considering updating the Fee to provide a more secure and predictable source of funding for the Stormwater system, to remove the reliance on General Funds, when expenses exceed revenue from the current Stormwater Fee, which are less secure. This report is the first step in that process, should the City decide to proceed.

LEGAL REQUIREMENTS OF STORMWATER FEE

This Report calculates the Stormwater Fee as a property-related fee. Property-related fees are subject to the requirements of Articles XIII C and D of the State Constitution, which were approved by voters in 1996 through Proposition 218, as well as the Proposition 218 Omnibus Implementation Act (Government Code Sections 53750 – 53758).

Any property-related fee must comply with requirements of Article XIII D, Section 6. These include the following:

- Revenues derived from the fee shall not exceed the funds required to provide the property-related service;
- Revenues derived from the fee shall not be used for any purpose other than that for which the fee was imposed;
- The amount of a fee upon any parcel or person as an incident of property ownership shall not exceed the proportional costs of the service attributable to the parcel;
- No fee may be imposed for a service unless that service is actually used by, or immediately available to, the owner of the property in question. Fees based on potential or future use of service are not permitted. Standby charges, whether characterized as charges or assessments, shall be classified as assessments and shall not be imposed without compliance with the assessment section of the code; and
- No fee may be imposed for general governmental services including, but not limited to, police, fire, ambulance or library services where the service is available to the public at large in substantially the same manner as it is to the property owners.

The procedural requirements of Proposition 218 require that new or increased property-related fees submit to a two-step process: 1) a 45-day public protest period culminating in a public hearing, and 2) a ballot proceeding whereby it must be approved by a 50% simple majority of property owners (or a two-thirds supermajority of registered voters) before new or increased fees could be authorized.

2. STORMWATER FUNDING NEEDS

The 2023 SDMP identified a Capital Improvement Plan (CIP) totaling \$79,590,000 worth of capital improvements and repairs and \$1,967,000 in on-going operations and maintenance costs. The on-going operations and maintenance costs include a \$107,000 annual payment to repay the General Fund³ for the cumulative stormwater fund shortfalls through FY 2022-23. The City's General Fund has been covering the stormwater fund shortfalls in years in which the stormwater expenses exceeded the annual revenue collected by the current Fee. **Table 1** summarizes the funding needs and provides a breakdown of capital projects by priority.

Table 1. Summary of Capital and Operations and Maintenance Costs

Priority	Description	Estimated Cost
Capital Improvement Projects		
Very High	Mitigate the most frequent, recurring flooding issues and the most severe system deficiencies with the greatest impact to properties. Includes installation of 177 small and 6 large trash capture devices to meet MRP requirements by June 2025	\$8,240,000
High	Mitigate areas of frequent, but less damaging flooding areas where extensive deficiencies are identified in the SDMP model.	\$24,010,000
Medium	Mitigate areas where moderate and/or isolated capacity deficiency is identified by the SDMP model or known to occur.	\$24,590,000
Low	Mitigate isolated capacity deficiencies identified in the SDMP model that have the least potential impact on properties, or areas where the benefit of City projects is limited by the capacity of ACFCD facilities. Includes a \$10,000,000 cost for a new pump station on Neptune Ave.	\$22,750,000
Subtotal - Capital Projects		\$79,590,000
Annual Operating and Maintenance Costs		
Trash Capture Devices Maintenance		\$200,000
Compliance		\$540,000
Street Cleaning		\$780,000
Pipe Cleaning		\$100,000
Green Infrastructure		\$100,000
General Fund Repayment		\$107,000
Other Operations & Maintenance		\$140,000
Subtotal - Operations & Maintenance		\$1,967,000

³ Annual repayment to the General Fund reflects the cumulative shortfall of \$2.5 million paid back over a term of 30 years, with an annual interest rate of 1.75% (which reflects the historical average annual return on investment of the City's reserves)

The CIP costs shown in **Table 1** above are expressed in 2024 dollars. Costs are shown as one-time project expenses and include all phases such as environmental, permitting, design, and construction. The summary reflects a list of specific recommended projects in the Schaaf & Wheeler 2023 SDMP.

ANNUAL REVENUE REQUIREMENT

Since stormwater fees are subject to voter approval, it is recommended that a fee be structured in the beginning to be steady over the long term as well as sustainable. Unlike other utilities (e.g., water and sewer) where the fees can be reviewed and re-set at five-year (or less) intervals, stormwater fees are usually set at a level that can be increased annually in accordance with a predetermined formula or index for many years to come. As a result, the revenue requirements must be expressed in annual terms that will reflect future years' needs (with the formulaic adjustments).

While the O&M costs are shown in **Table 1** as annual costs, the CIP costs are shown as lump-sum, one-time costs. Therefore, the CIP costs must be annualized, either through annual debt service payments if a project or projects will be debt-funded (e.g., revenue bond, bank loans) or cash-funded with fee revenue. Therefore, the revenue needs shown below in **Table 2** convert the CIP costs to annual amounts based on an assumed 15-year revenue bond or 30-year, pay-as-you-go (PAYGo) expenditure plan. Table 2 calculates the Net Annual Costs to be covered by the Stormwater Fee under two scenarios: 1) funding all capital projects identified in the SDMP and 2) funding only Very High and High priority projects. **Section 3** of this report calculates the proposed Stormwater Fee for both scenarios.

Table 2. Estimate of Annual Revenue Requirement

Cost Description	Estimated Current Cost	Less: Costs Funded by Other Sources	Net Cost	Net Annual Cost	
				Fund All Projects	Fund High and Very High Projects Only
Operations & Maintenance					
Trash Capture Devices Mainteance	\$200,000	\$0	\$200,000	\$200,000	\$200,000
Compliance	\$540,000	\$0	\$540,000	\$540,000	\$540,000
Street Cleaning	\$780,000	\$0	\$780,000	\$780,000	\$780,000
Pipe Cleaning	\$100,000	\$0	\$100,000	\$100,000	\$100,000
Green Infrastructure	\$100,000	\$0	\$100,000	\$100,000	\$100,000
General Fund Repayment	\$107,000	\$0	\$107,000	\$107,000	\$107,000
Other Operations & Maintenance	\$140,000	\$0	\$140,000	\$140,000	\$140,000
O&M Subtotal	\$1,967,000	\$0	\$1,967,000	\$1,967,000	\$1,967,000
Capital Improvement Projects					
Very High Priority Projects	\$8,240,000	(\$3,749,000) ¹	\$4,491,000	\$424,447 ²	\$424,447
High Priority Projects	\$24,010,000		\$24,010,000	\$800,333 ³	\$800,333
Medium Priority Projects	\$24,590,000		\$24,590,000	\$819,667 ³	
Low Priority Projects	\$22,750,000		\$22,750,000	\$758,333 ³	
Capital Subtotal	\$79,590,000	(\$3,749,000)	\$75,841,000	\$2,802,780	\$1,224,780
Total Annual Revenue Requirement				\$4,769,780	\$3,191,780

¹ Estimated contribution from CalTrans (\$2,749,000) and grant (\$1,000,000) for the installation of trash capture devices

² Reflects bond-financing Very High Priority Projects (15-year term, 4.5% interest rate)

³ Reflects PAYGo funding amortized over 30 years

3. RATE STRUCTURE ANALYSIS

Proposition 218 states that the amount of a fee upon any parcel shall not exceed the proportional costs of the service attributable to the parcel. The use of the City's stormwater system that is attributed to each parcel must be proportionate to the estimated amount of stormwater runoff contributed by the parcel, which is, in turn, proportionate to the amount of impervious surface area on a parcel (such as building roofs and pavements).

SINGLE-FAMILY RESIDENTIAL PARCELS

The most widely used method of establishing storm drainage rates is to use the average Single-Family Residential parcel (SFR) as the basic unit of measure, which is called the Single Family Equivalent (SFE). The metric for this fee structure is impervious surface area, a benchmark amount of impervious surface area must be established for the average single-family residential property. The City has a wide range of sizes of SFR parcels, which have varying percentages of impervious area. Generally, smaller, denser parcels tend to have a higher proportion of impervious area than larger, less dense parcels, which tend to have a lower percentage of impervious area, as larger residential properties tend to have a larger proportion of pervious landscaping, and therefore a smaller proportion of impervious area.

The City has a large range of sizes of SFR parcels; therefore, the range of SFR was broken into three size categories as shown in **Table 3** below with the medium category containing the largest number of parcels. A random sample of 484 parcels in that size category was selected, and the Impervious Surface Area (ISA) (e.g., concrete, asphalt, roofs, pavers) of each sample parcel was measured using aerial photographs. The average ISA is 3,069 square feet, which will be used as the benchmark for all other size categories and other non-residential land uses. Therefore, for subsequent calculations for all non-medium sizes Single-Family parcels, 1 SFE equals 3,044 square feet of Impervious Surface Areas).

Table 3 – Summary of Single-Family Parcels

Single-Family Residential (SFR) Parcel Sizes	Parcel Size Range (square footage)	# of Parcels	% of SFR Parcels	Average Impervious Surface Area ¹	SFE ² per Parcel
Small	< 3,200	1,193	6%	1,602	0.52
Medium	3,200 to 7,200	16,111	79%	3,067	1.00
Large	> 7,200	3,094	15%	4,617	1.51
		20,398	100%	9,287	

¹ As calculated in Table 5

² Single-Family Equivalent as compared to the Median Impervious Surface Area of Medium Size SFR parcels

NON-SINGLE FAMILY RESIDENTIAL PARCELS

Unlike residential parcels, non-single family parcels can vary widely in size (e.g., anywhere from 0.08 acres to 100+ acres), as well as impervious characteristics (e.g., parcels with commercial offices tend to have a high percentage of impervious surfaces from office buildings and parking lots, while parks tend to have a lower percentage of impervious surfaces from significant landscaped areas, while multi-family complexes fall somewhere in between). For this reason, the parcels have been grouped into land use categories

according to their Impervious Surface Area characteristics. To account for various sizes of non-residential properties, the SFE for each land use category is calculated on a per-acre basis, so size of the parcel can be a variable. The SFE-per-acre is computed for each non-residential category using the formula below, taking into account the average Impervious Surface Area for each non-single family category as sampled and summarized in **Table 5**.

$$SFE \text{ Per Acre} = \frac{(43,560 \text{ square feet per acre}) \times \text{Average \% of Impervious Area}}{3,067 \text{ square feet of Impervious Areas per SFE (from Table 3)}}$$

Table 4 shows a summary of resulting parcel SFEs for each non-Single Family land use category.

Table 4. Summary of SFEs per Acre for Each Non-Single Family Land Use

Non-Single Family Land Use Category	Acres	% Impervious	SFE per Acre
Apartments/Condos	1,288	71.3%	10.13
Commercial/Municipal	2,258	87.6%	12.44
Schools	150	55.4%	7.87
Parks	72	16.6%	2.36
Golf Courses	240	1.8%	0.25
Vacant - Developed Parcels	176	1.8%	0.25

CALCULATION OF ESTIMATED IMPERVIOUS SURFACE AREAS – BY LAND USE

For most land use categories, a sample of parcels was analyzed using the Alameda County's Geographic Information System (GIS) to determine the average percentage Impervious Surface Area. **Table 5** below shows the results of that analysis.

Table 5. Impervious Area Sampling Results

Land Use Category		# of Parcels	# of Parcels Sampled	Total Acres			
				Total Acres Sampled	Impervious Area		
Single-Family Residential							
Small	< 3,200 sq. ft.	1,193	36	1.9	1.3	1,602	sq. ft.
Medium	3,200 to 7,200 sq. ft.	16,111	484	58.7	33.7	3,067	sq. ft.
Large	> 7,200 sq. ft.	3,094	93	20.7	9.8	4,617	sq. ft.
Non-Single-Family Residential							
Apartments/Condos		2,036	61	49.2	35.1	71.3%	
Commercial/Municipal		1,929	58	22.1	19.4	87.6%	
Schools		19	19	151.3	83.9	55.4%	
Parks		35	35	90.8	15.1	16.6%	
Golf Courses		6	6	239.5	4.2	1.8%	
Vacant - Developed Parcels		299	Not Sampled				
Undeveloped Parcels/Open Space		447	Not Sampled				

Each individual parcel's SFE is then calculated by multiplying the parcel size (in acres) times the SFE per acre for that land use category, as shown in the following formula:

$$\text{Parcel Size (acres)} \times \text{SFE per Acre} = \text{SFE}$$

DEVELOPED VACANT⁴ PARCELS

Developed vacant parcels are devoid of obvious structures or improvements but are distinguished from undeveloped vacant land by one of several characteristics. Typically, a developed vacant parcel has been graded to be ready for building construction (possibly as part of the original subdivision or adjacent street grading). In some cases, the parcel previously contained a structure or improvement that has been removed, but its fundamental alteration from a natural state remains. Although developed vacant parcels may have significant vegetative cover, the underlying soil conditions resulting from grading work or previous improvements usually cause some rainfall to runoff into the storm drainage system. The average percentage of Impervious Area for developed vacant parcels is reasonably assumed to be 1.8%, which is also used as a minimum value of imperviousness for any land use type (excluding open space and agricultural land, which assumes to have no impervious surface area). Vacant parcels that have significant impervious paving remaining from prior improvements may be classified as Commercial/Municipal or some other classification best representing the average Impervious Surface Area of the parcel.

STORMWATER FEE CALCULATION

The primary metric in this analysis is the SFE as illustrated above. To arrive at the fee amount for the various land use categories, the total City-wide SFEs must be divided into the total revenue requirement to arrive at the rate per SFE. Using the analysis above, that calculation is represented by the following formula:

$$\text{SFE Rate} = \frac{\text{Annual Revenue Requirement}}{\text{Total SFEs}}$$

Based on the numbers from our analysis, the rate per SFE is calculated as follows:

$$\text{SFE Rate} = \frac{\$4,769,780}{63,931} = \$74.61$$

The SFE rate amount is then multiplied by the SFEs per parcel or acre for the various land use categories to arrive at the updated Stormwater Fees shown in **Table 6** (fund all capital projects) and **Table 7** (fund high and very high priority projects only).

⁴ "Vacant" in this Report refers to land that is devoid of improvements. It does not refer to land with vacant buildings or improvements, which would continue to shed water as if they were occupied.

Table 6. Proposed Updated Stormwater Fee (FY 2024-25) – Fund All Capital Projects

Land Use Category		SFEs	Medium SFE Rate	Proposed Fee FY 2024-25
		a	b	c = a * b
Single-Family Residential				\$ per parcel
Small	< 3,200 sq. ft.	0.52	\$74.61	\$38.96
Medium	3,200 to 7,200 sq. ft.	1.00	\$74.61	\$74.61
Large	> 7,200 sq. ft.	1.51	\$74.61	\$112.31
Non-Single-Family Residential				\$ per Acre
Apartments/Condos		10.13	\$74.61	\$755.79
Commercial/Municipal		12.44	\$74.61	\$928.13
Schools		7.87	\$74.61	\$587.17
Parks		2.36	\$74.61	\$176.08
Golf Courses		0.25	\$74.61	\$18.65
Vacant - Developed Parcels		0.25	\$74.61	\$18.65
Undeveloped Parcels/Open Space				No Charge

STORMWATER FEE CALCULATION – ALTERNATIVE FUNDING LEVEL

Table 2 summarizes the annual revenue requirement to be funded by the updated Stormwater Fee and presents to scenarios: 1) fund all capital projects (annual revenue requirement = \$4,769,780) and 2) fund only high and very high priority projects (annual revenue requirement = \$3,191,780). **Table 7** summarizes the proposed Stormwater Fees for Scenario 2 – Fund High and High Priority Projects only.

Table 7. Proposed Updated Stormwater Fee (FY 2024-25) – Fund High and Very High Projects Only

Land Use Category		SFE Rate	Medium SFE Rate	Proposed Fee FY 2024-25
		a	b	c = a * b
Single-Family Residential				\$ per parcel
Small	< 3,200 sq. ft.	0.52	\$49.92	\$26.07
Medium	3,200 to 7,200 sq. ft.	1.00	\$49.92	\$49.92
Large	> 7,200 sq. ft.	1.51	\$49.92	\$75.15
Non-Single-Family Residential				\$ per Acre
Apartments/Condos		10.13	\$49.92	\$505.70
Commercial/Municipal		12.44	\$49.92	\$621.02
Schools		7.87	\$49.92	\$392.88
Parks		2.36	\$49.92	\$117.81
Golf Courses		0.25	\$49.92	\$12.48
Vacant - Developed Parcels		0.25	\$49.92	\$12.48
Undeveloped Parcels/Open Space				No Charge

ANNUAL ADJUSTMENT

The updated Fee is subject to an annual adjustment tied to the percentage change in the Consumer Price Index-U (CPI) for the San Francisco-area as of December of each succeeding year, with a maximum annual adjustment not to exceed 3.0%. Any change in the CPI in excess of 3.0% shall carryover as “Unused CPI” and shall be used to increase the then-current rate in years in which the CPI is less than 3.0%.

USE OF STORMWATER FEE FUNDS

The City shall deposit into a separate account(s) all Stormwater Fee revenues collected and shall appropriate and expend such funds only for the purposes outlined by this Report. The specific assumptions utilized in this Report, the specific programs and projects listed, and the division of revenues and expenses between the two primary categories (capital improvements and O&M) are used as a reasonable model of future revenue needs and are not intended to be binding on future use of funds.

Appendix A – List of Planned Capital Projects by Level of Priority

Priority	Project	Pipe Length (ft)	Estimated Cost
Very High	1 Williams St, Aurora Drive to Marina outfall	1,170	\$ 1,631,000
	20 San Leandro Boulevard / Best Avenue	1,083	\$ 671,000
	51 Aurora Dr connecting pipe	827	\$ 440,000
	52 Trash Capture installation by June 2025	--	\$ 5,500,000
High	37 Williams St from ACFCF pipes	2,267	\$ 1,842,000
	2 Nicholson and Republic	1,627	\$ 1,319,000
	3 Williams / Sundberg / Marina Blvd	1,678	\$ 1,014,000
	5 Hesperian Blvd and branching systems	717	\$ 666,000
	6 Bancroft Ave	2,877	\$ 2,867,000
	7 East 14 th St north of channel	1,978	\$ 1,354,000
	8 East 14 th St south of Channel	1,159	\$ 899,000
	9 Lakeview Dr system in northeast of City	3,598	\$ 2,330,000
	17 Hubbard Ave to Washington Manor Park	7,430	\$ 6,759,000
	21 Estabrook St	594	\$ 350,000
	22 Reed and 143 rd	1,141	\$ 974,000
	23 Lark St	283	\$ 246,000
	26 Washington Pump Station Piping	1,344	\$ 827,000
	32 West of Mendocino/Laverne Dr	675	\$ 940,000
	52 Wicks Blvd	1,510	\$1,620,000
Medium	38 Williams / Sundberg / Marina Blvd	2,254	\$ 1,942,000
	4 West of Upton Ave	1,400	\$ 914,000
	39 Hesperian Blvd and branching systems to the	1,901	\$ 1,228,000
	10 Belvedere Ave and Flagship St	3,201	\$ 2,648,000
	11 Farallon Dr and Wicks Blvd	4,633	\$ 3,864,000
	12 Willow Ave South	746	\$ 434,000
	14 Corvallis St North	2,054	\$ 1,346,000
	15 Corvallis St South	1,090	\$ 729,000
	16 Portola Dr, Figueroa Dr, Arguelo Dr	1,502	\$ 1,233,000
	18 Washington Ave	4,607	\$ 2,770,000
	19 Carmel Way and Monterey Blvd to Serra Dr	400	\$ 370,000
	46 Lark St	1,290	\$ 819,000
	24 Central Ave	177	\$ 131,000
	25 Martell Ave	311	\$ 130,000
	27 Beatrice St	843	\$ 567,000
	28 Fargo Ave	1,408	\$ 914,000
	29 North of Manor Blvd (west)	838	\$ 418,000
	30 Off Lewelling Blvd and Farnsworth	3,475	\$ 2,941,000
	31 South of Stenzel Park	347	\$ 275,000
	33 Inverness St	87	\$ 65,000
	35 Nimitz Fwy near Teagarden St	825	\$ 851,000
Low	40 Hesperian Blvd and branching systems to the	7,996	\$ 4,983,000
	41 Belvedere Ave and Flagship St	1,645	\$ 1,336,000
	42 Farallon Dr and Wicks Blvd	444	\$ 276,000
	13 Willow Ave North	2,210	\$ 1,422,000
	43 Portola Dr, Figueroa Dr, Arguelo Dr	1,927	\$ 1,140,000
	44 Hubbard Ave to Washington Manor Park	560	\$ 235,000
	45 Carmel Way and Monterey Blvd to Serra Dr	2,050	\$ 1,280,000
	47 Off Lewelling Blvd and Farnsworth	1,368	\$ 882,000
	48 West of Mendocino/Laverne Dr	683	\$ 349,000
	49 Inverness St	538	\$ 325,000
	34 Teagarden St to east side of Nimitz Fwy	503	\$ 292,000
	50 Nimitz Fwy near Teagarden St	324	\$ 225,000
	36 Neptune PS (195 cfs)	--	\$ 10,000,000
TOTAL:		85,595	\$ 79,538,000