



CITY OF
**PALO
ALTO**

STORM WATER MANAGEMENT OVERSIGHT COMMITTEE

Regular Meeting

Monday, October 27, 2025

Community Meeting Room & Hybrid

2:00 PM

Storm Water Management Oversight Committee meetings will be held as “hybrid” meetings with the option to attend by teleconference/video conference or in person. To maximize public safety while still maintaining transparency and public access, members of the public can choose to participate from home or attend in person. Information on how the public may observe and participate in the meeting is located at the end of the agenda. Masks are strongly encouraged if attending in person. The meeting will be broadcast on YouTube <https://www.youtube.com/c/cityofpaloalto>, and on Zoom. Committee member names, biographies, and archived agendas and reports are available at <https://www.cityofpaloalto.org/City-Hall/Boards-Commissions/Storm-Water-Management-Oversight-Committee>.

VIRTUAL PARTICIPATION [CLICK HERE TO JOIN](https://cityofpaloalto.zoom.us/j/82311050397) (<https://cityofpaloalto.zoom.us/j/82311050397>)
Meeting ID: 823 1105 0397 Phone: 1(669)900-6833

PUBLIC COMMENTS

Public comments will be accepted both in person and via Zoom for up to three minutes or an amount of time determined by the Chair. All requests to speak will be taken until 5 minutes after the staff’s presentation. Written public comments can be submitted in advance to Karin.North@PaloAlto.gov and will be provided to the Council and available for inspection on the City’s website. Please clearly indicate which agenda item you are referencing in your subject line.

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Signs and symbolic materials less than 2 feet by 3 feet are permitted provided that: (1) sticks, posts, poles or similar/other type of handle objects are strictly prohibited; (2) the items do not create a facility, fire, or safety hazard; and (3) persons with such items remain seated when displaying them and must not raise the items above shoulder level, obstruct the view or passage of other attendees, or otherwise disturb the business of the meeting.

CALL TO ORDER

PUBLIC COMMENT

Members of the public may speak to any item NOT on the agenda. Three (3) minutes per speaker.

AGENDA CHANGES, ADDITIONS AND DELETIONS

The Chair or Commission majority may modify the agenda order to improve meeting management.

APPROVAL OF MINUTES

1. Approval of Minutes from April 22, 2025 – *Action Needed* (5 min)

NEW BUSINESS ITEMS

2. Review Fiscal Year 2025 Actuals and 2026 Adopted – *No Action Needed* (10 min)
3. Memorandum for Fiscal Year 2025 Actual Expenditures – *Action Needed* (5 min)
4. Capital Update – *No Action Needed* (5 min)
5. Update from Public Works Operations – *No Action Needed* (15 min)
6. Update on Municipal Regional Stormwater NPDES Permit (MRP) requirements – *No Action Needed* (15 min)
7. Update on Attaining Trash Reduction Requirements – *No Action Needed* (10 min)

COMMITTEE QUESTIONS, COMMENTS, ANNOUNCEMENTS OR FUTURE MEETINGS AND AGENDAS

Members of the public may not speak to the item(s).

ADJOURNMENT

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 - You may be asked to enter an email address and name. We request that you identify yourself by name as this will be visible online and will be used to notify you that it is your turn to speak.
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STORMWATER MANAGEMENT OVERSIGHT COMMITTEE

Regular Meeting

Tuesday, April 22, 2025

Community Meeting Room & Hybrid

1:00 PM

Stormwater Management Oversight Committee meetings will be held as “hybrid” meetings with the option to attend by teleconference/video conference or in person. To maximize public safety while still maintaining transparency and public access, members of the public can choose to participate from home or attend in person. Information on how the public may observe and participate in the meeting is located at the end of the agenda. Masks are strongly encouraged if attending in person. The meeting will be broadcast on YouTube <https://www.youtube.com/c/cityofpaloalto>, and on Zoom. Committee member names, biographies, and archived agendas and reports are available at <https://www.PaloAlto.gov/City-Hall/Boards-Commissions/Storm-Water-Management-Oversight-Committee>.

VIRTUAL PARTICIPATION **CLICK HERE TO JOIN** (<https://cityofpaloalto.zoom.us/j/99098475635>)
Meeting ID: 990 9847 5635 Phone: 1(669)900-6833

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CALL TO ORDER

Present: Perman (chair), Bennett (vice chair), Mayer, Mickelson, Pajjuri, Mossar

Absent: Owes

Committee Chair Perman called the meeting to order at 1:02 p.m.

PUBLIC COMMENT

Members of the public may speak to any item NOT on the agenda. Three (3) minutes per speaker.

AGENDA CHANGES, ADDITIONS AND DELETIONS

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APPROVAL OF MINUTES

1. Approval of Minutes from November 7, 2024 – *Action Needed* (5 min)

Motion: Committee member Mayer moved to approve the November 7, 2024 meeting minutes. Committee member Mossar seconded the motion.

Motion Passed: 6-0

OLD BUSINESS ITEMS

None

NEW BUSINESS ITEMS

2. Introducing new staff – *No Action Needed* (5 min)
3. Terms Now Expire on October 31 and Begin on November 1 – *No Action Needed* (5 min)
4. CIP Updates – *No Action Needed* (15 min)
5. Review Proposed Budget for Fiscal Year 2026 – *No Action Needed* (15 min)
Late Packet Report

6. Memorandum for Fiscal Year 2026 Proposed Budget – *Action Needed* (10 min)

Motion: Committee member Mossar moved to approve the memorandum assuming the addition of the following sentence as the penultimate sentence of the memorandum:

“Based on current staff analysis, there is no indication that present funds will be insufficient to complete the 13 Capital Improvement Projects.”

Committee member Pajjuri seconded the motion.

Motion Passed: 6-0

7. Stormwater Management Fee Rate Increase – *No Action Needed* (5 min)

8. Workplan Update – *Action Needed* (15 min)

Motion: Committee member Mossar moved to approve the 2026-2027 Workplan assuming the correction of typos and removal of Project/Goal 4. Committee member Pajjuri seconded the motion.

Motion Passed: 6-0

COMMITTEE QUESTIONS, COMMENTS, ANNOUNCEMENTS OR FUTURE MEETINGS AND AGENDAS

Members of the public may not speak to the item(s).

Due to technical difficulties at the beginning of the meeting, members of the public were invited to speak at this time. Hamilton Hitchings brought to our attention that the Zoom number on the packet is incorrect and requested information about the Hamilton CIP.

ADJOURNMENT

Motion: Committee Vice Chair Bennett moved to adjourn the meeting. Committee Chair Perman seconded the motion.

Motion Passed: 6-0

Meeting adjourned at 2:36 p.m.

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Agenda Item #2



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Stormwater Management Fund FY2025 Actuals

Environmental Services Division

October 27, 2025

Packet Pg. 8

www.paloalto.gov

STORMWATER MANAGEMENT PROGRAM	ACTUALS	ADOPTED	ACTUALS	ADOPTED
Fiscal Year 2025 Actuals	Year 7	Year 8	Year 8	Year 9
(Amounts in 1000s,)	2024	2025	2025	2026
REVENUES	8,907	10,319	9,404	10,603
Fee Revenue	8,599	8,791	8,788	9,002
Interest Earnings	294	228	327	301
Storm Drain Violation Fines	3	3	-	3
Storm Drain Development Review Fees	10	81	81	81
Other Revenue	1	1,216	208	1,008
From Reserves	-	-	-	-
EXPENSES - Base Program	5,654	5,665	5,870	5,806
Flood Control Improvement	147	165	149	169
Engineering Support	437	462	326	476
Storm Water Quality Protection	1,251	1,382	1,581	1,721
Emergency Response	135	177	131	182
Administrative Support Costs	1,686	1,540	1,732	1,265
Storm Drainage Maintenance	1,998	1,939	1,951	1,993
To Fund Reserves	392	(4,361)	2,532	(4,361)
EXPENSES - Project & Infrastructure Program	2,861	9,015	1,002	9,158
Capital Improvements Projects*	2,018	7,164	489	7,860
Storm Drain System Repairs*	490	202	295	597
Debt Service	43	949	-	-
Capital Program Engineer Support	190	195	195	196
Green Municipal Infrastructure	113	380	22	380
Innovative Projects	7	125	1	125
Subtotal – non-Major CIP	843	1,851	513	1,298
Total Expenses	8,515	14,680	6,872	

*CIP totals excl.

CEWB/P and S&B

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Storm Water Management Oversight Committee

MEMORANDUM

Date: October 27, 2025

To: Honorable Finance Committee of the Palo Alto City Council

From: Members of the Storm Water Management Oversight Committee

Subject: Review of Fiscal Year 2025 Storm Drainage Fund Expenditures

As directed by the City Council, the Committee met to discuss the Fiscal Year 2025 Storm Drainage (Stormwater Management) Fund expenditures on Monday, October 27, 2025. Prior to the meeting, Public Works staff provided informational materials about the approved 2017 ballot measure and the proposed budget for the Committee's review. During the meeting, staff presented information and answered questions from the Committee members.

We have reviewed the expenditures for Fiscal Year 2025 and compared them with the provisions of the Storm Water Management Fee approved by Palo Alto property owners in 2017. Relying upon information by staff, we find that the attached spreadsheet describing the expenditures for Fiscal Year 2025 fairly summarizes the use of the revenue generated by the Storm Water Management Fee and that the expenditures are compatible with the provisions of the ballot measure.

Attachment A:
Stormwater Management Program – Fiscal Year 2025 Actual Expenditures

Storm Water Management Oversight Committee

Attachment A: Stormwater Management Program – Fiscal Year 2025 Actual Expenditures

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Total Expenses	8,515	14,680	6,872	14,964

Agenda Item #4



CITY OF
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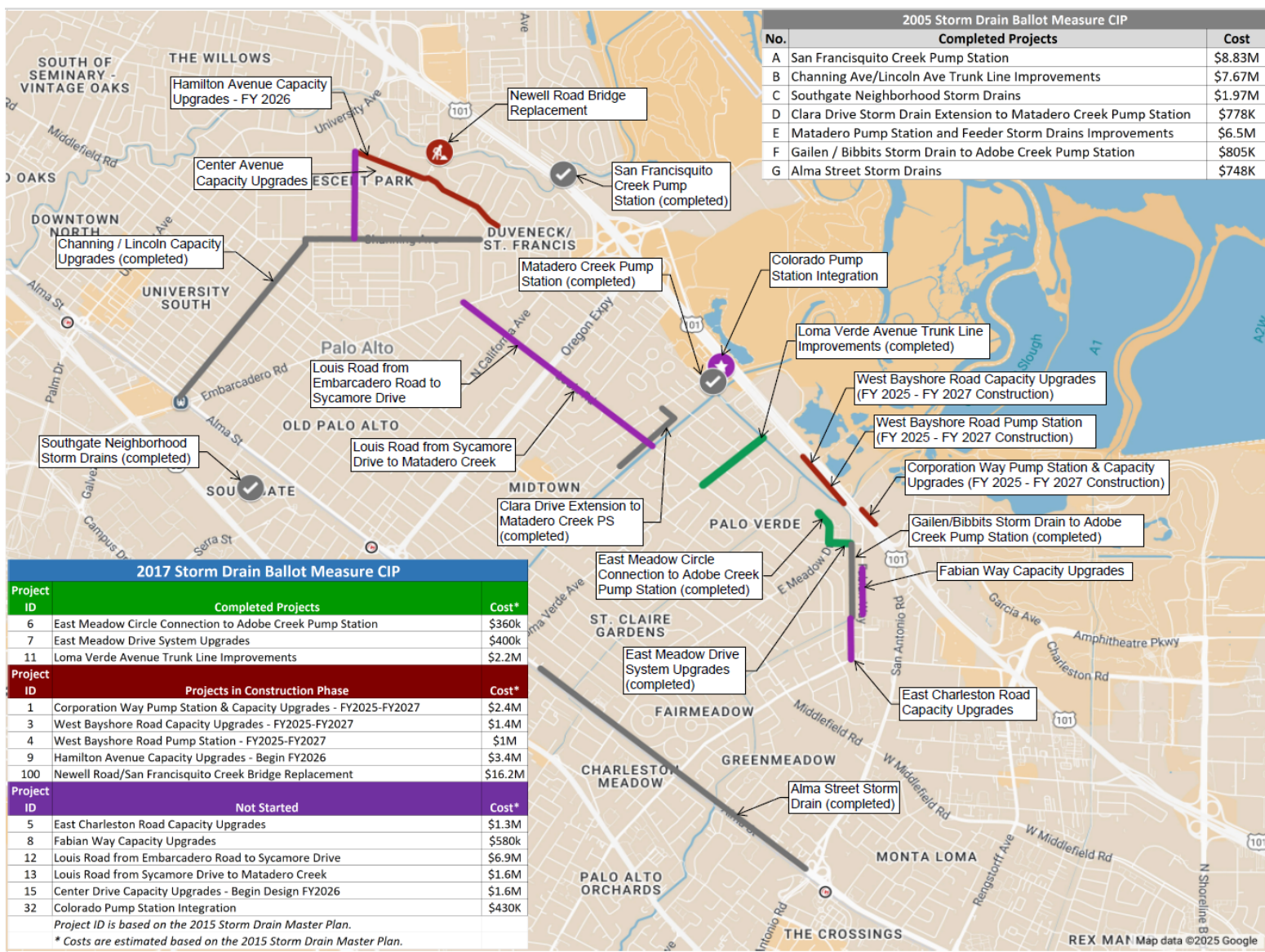
Engineering Group
Michel, Rajeev, and Vicki

October 27, 2025

Packet Pg. 12

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2017 BALLOT MEASURE CIP PROJECTS



OBJECTIVE: Implement projects that will reduce flooding risk

- 13 PROJECTS / 15 YEARS (2032)
- Three Projects Completed as of July 1, 2024
 1. Loma Verde Capacity Upgrades
 2. East Meadow Circle Connect to Adobe Creek
 3. East Meadow Drive Capacity Upgrades
- Three Projects Under Construction Contract as of April 7, 2025
- Hamilton Avenue Award Contract on October 6, 2025
- Six Projects Remaining



**CORPORATION WAY
AND WEST BAYSHORE
ROAD PUMP STATIONS
AND SYSTEM
UPGRADES PROJECT**

October 27, 2025

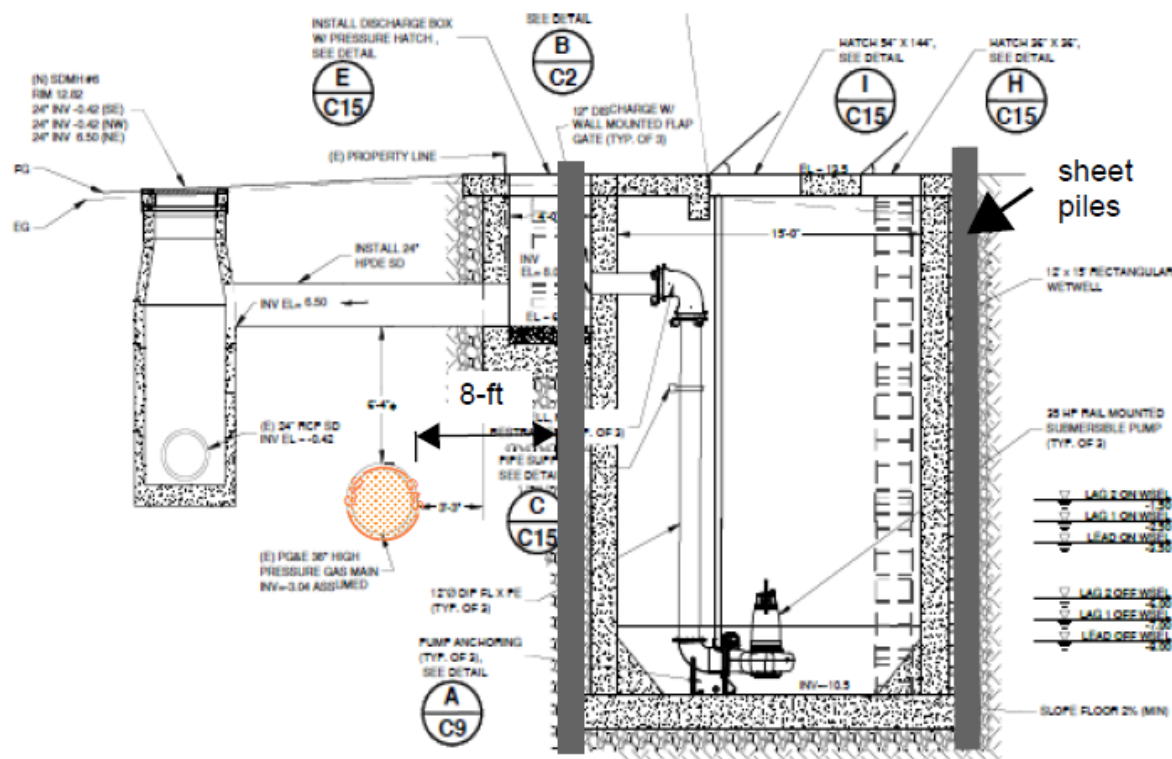
Packet Pg. 14

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- Potholing uncovered existing utility alignments and relocations needed
- Water (blue), Gas (orange), Fiber (green)
Storm (purple)
- 34-inch PG&E gas transmission line cannot be disturbed.

PUMP STATIONS & SYSTEM UPGRADES (SD-20000, SD-21000, SD-23000)

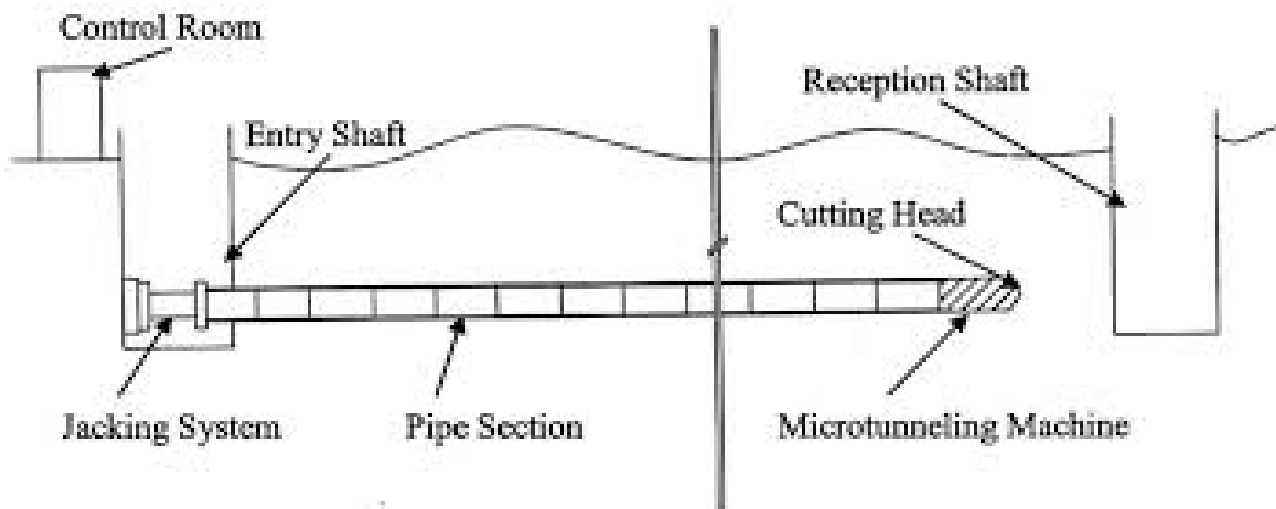


AT EASTBAYSHORE ROAD

PG&E transmission line

- Critical infrastructure, requires vibratory monitoring and inspection
- Provides 60% of service to San Francisco
- Anderson Pacific will need to expose line and install vibratory monitors to verify no deflection during sheet pile installation.

PUMP STATIONS & SYSTEM UPGRADES (SD-20000, SD-21000, SD-23000)



PROJECT STATUS UPDATE CONTINUED

October Activities

- Install construction fencing
- Clearing and grubbing
- Relocate hydrant, valve and lateral
- Relocate transformer, new electrical boxes and services – includes one Saturday work

November Activities

- Begin sheet pile work
- Set up for Micro-tunneling



HAMILTON AVENUE CAPACITY UPGRADES

October 27, 2025

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HAMILTON AVENUE CAPACITY UPGRADES (SD-25000)



PROJECT STATUS UPDATE

- Bidding Completed in August
- Award of Contract on October 6, 2025
 - Bids Range: \$6.8M - \$13.4M
 - Engineer's Estimate: \$8M
 - Lowest Bid: \$6,842,121
 - Precision Engineering, Inc
- SD Work along Alester not included in Contract due to cost work will be done separately.

<http://cityofpaloalto.org/HamiltonStormDrain>



Agenda Item #5



CITY OF
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5



Public Works Operations Updates

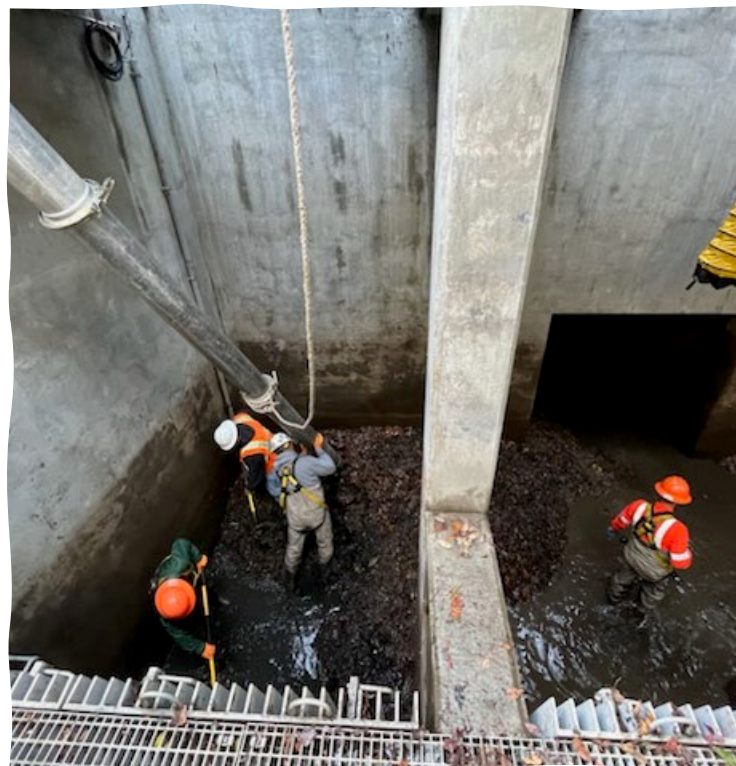
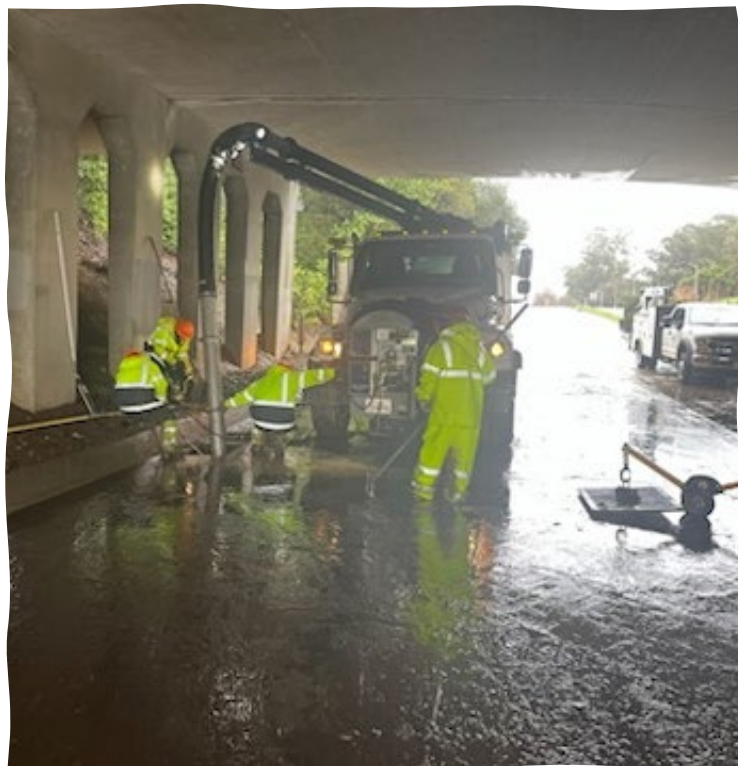
Mike Wong

October 27, 2025

Packet Pg. 20

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Storm Drain Maintenance



Storm Drain Maintenance is a Year-Round Effort

Ongoing tasks include:

- Maintenance and repair of pump stations
- Inspection and cleaning of creeks and outfalls
- Inspection, cleaning, and repair of pipelines and catch basins
- Tide gate cleaning and inspection
- Trash rack inspection and cleaning
- Cleaning and inspection of trash capture devices and green stormwater infrastructure
- Inspection, exercising, and repair of flap gates and outfalls
- Setup and maintenance of sandbag stations
- Preparation of equipment and materials for snow plowing and sanding in upper elevations

City's Hydro Excavator Truck

5



Packet Pg. 23

Catch Basins



Catch Basin Debris

5



Packet Pg. 25

San Francisquito Creek Annual Maintenance

5



Packet Pg. 26

Stormwater Pump Stations

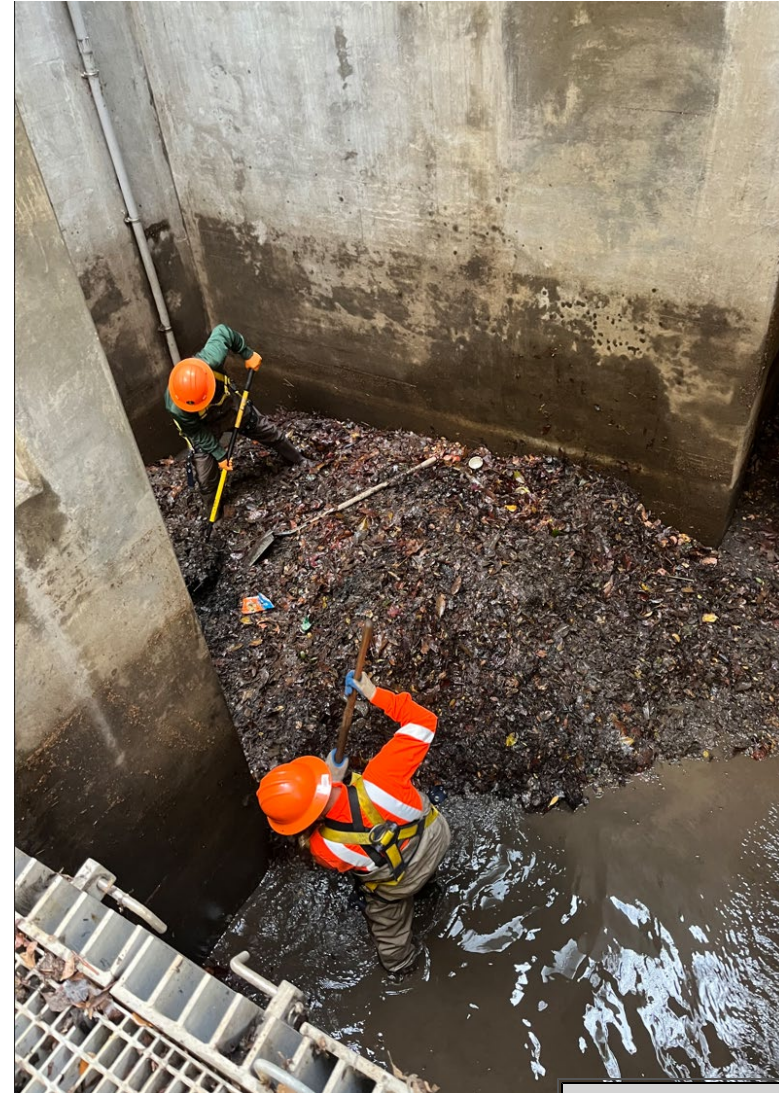
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Packet Pg. 27

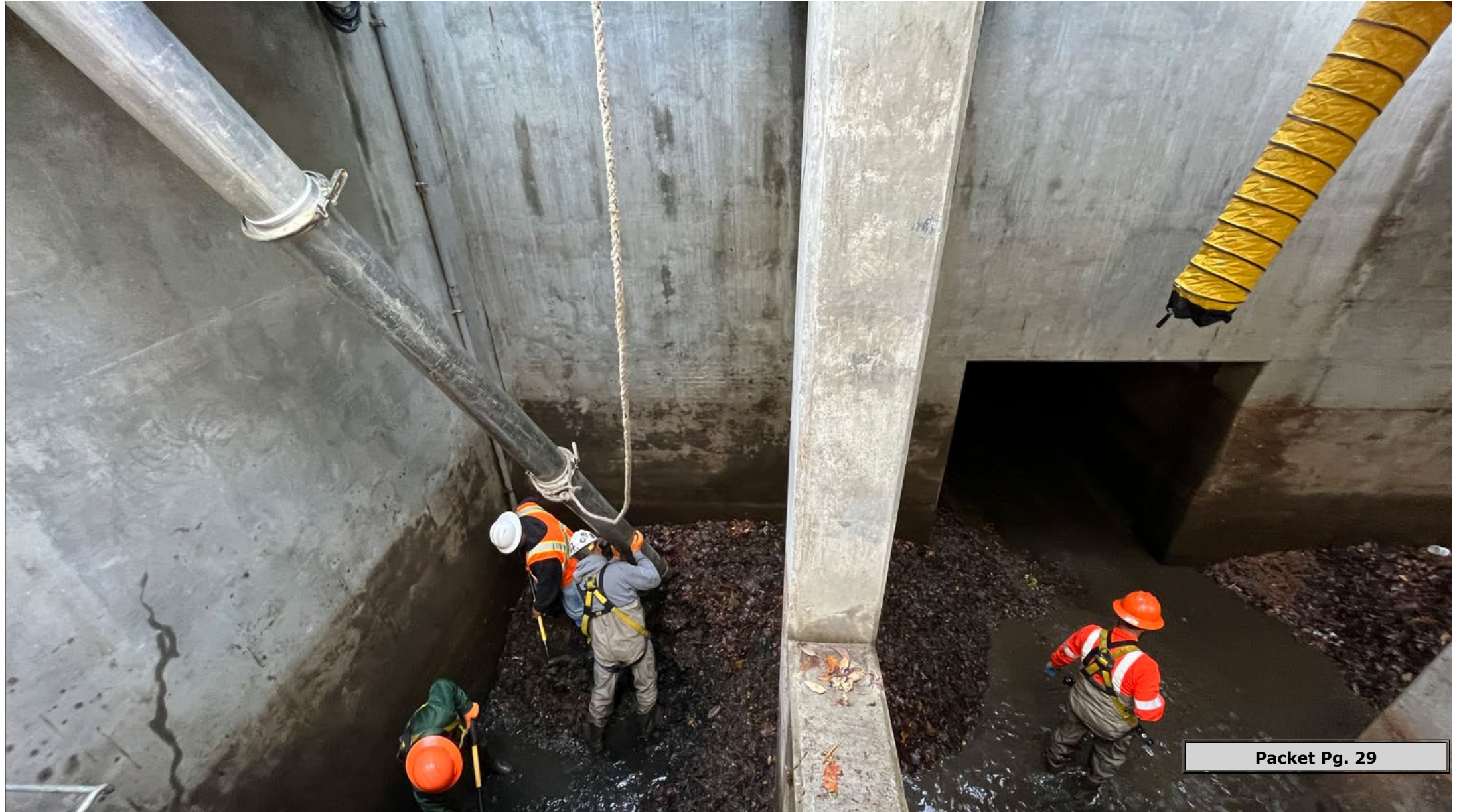
<https://www.mwaarchitects.com/work/san-franciscquito-creek-stormwater-ps/>

Inspection and Maintenance



Inspection and Maintenance

5



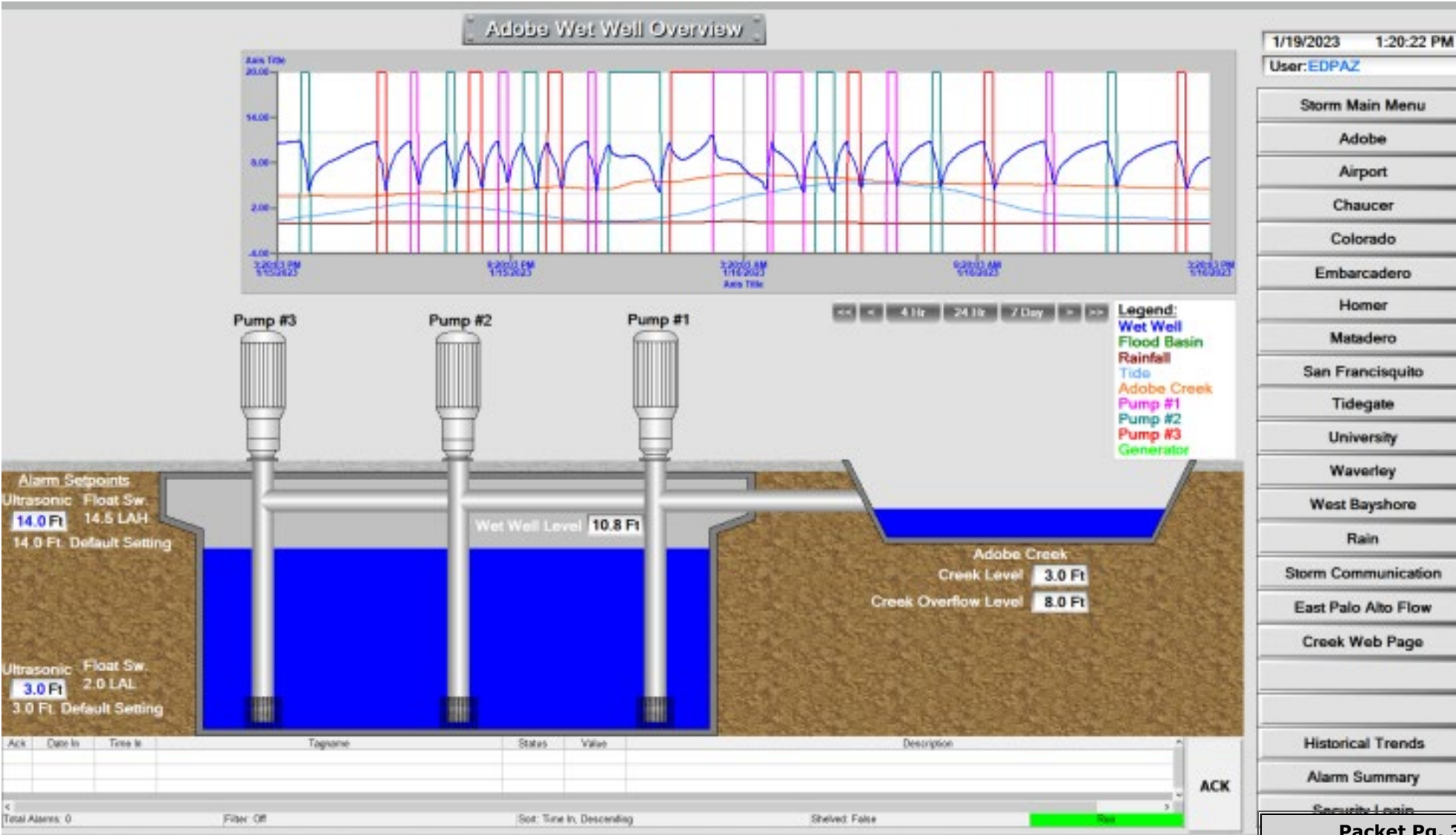
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6-inch Trash Pump Rental

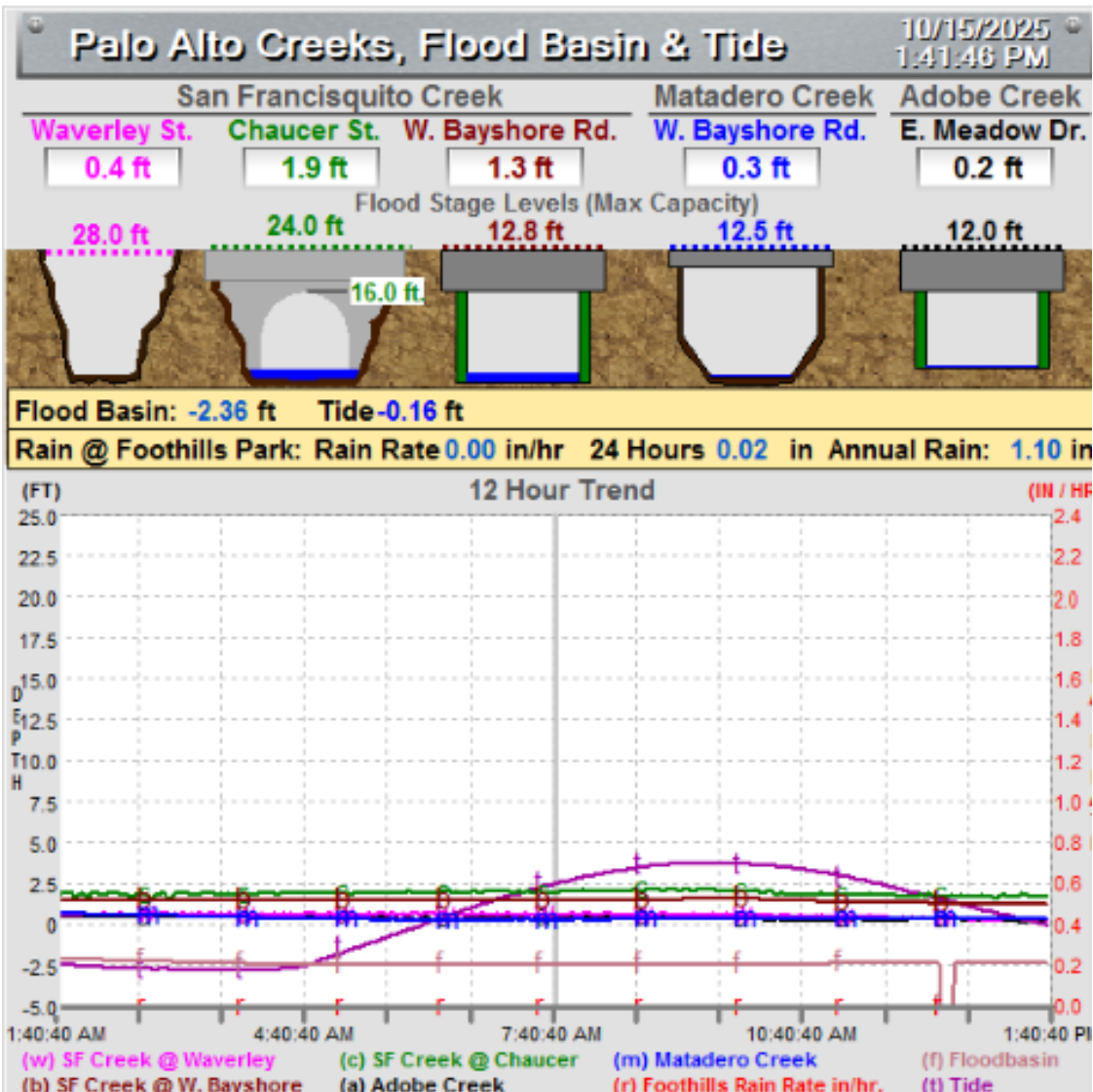
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SCADA – control and monitor creeks and pump stations



Creek Monitoring

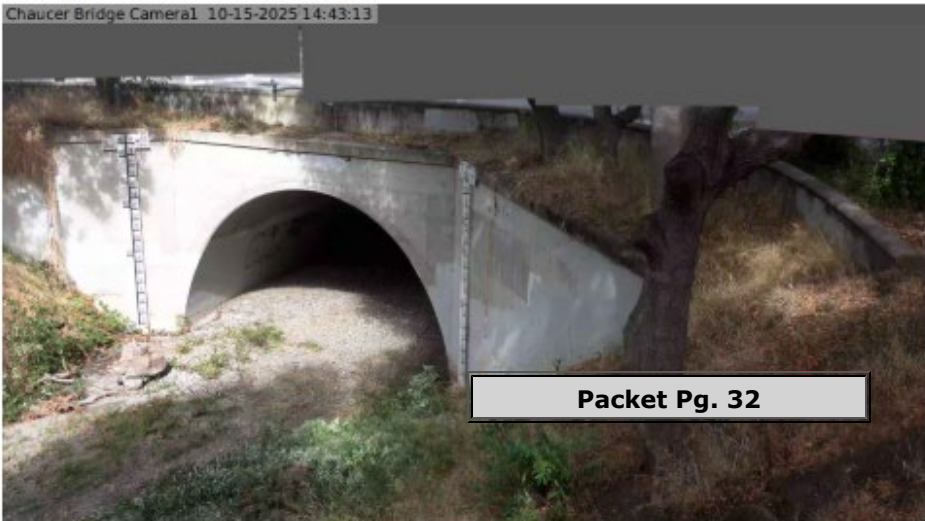


San Francisquito Creek Cameras

At W. Bayshore Road



At Pope / Chaucer Bridge



Trash Racks Inspections & Cleaning – Creek and Channels

5



Packet Pg. 33

Matadero Creek



Excavator at Pope Chaucer Bridge

5



Agenda Item #6



CITY OF
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6



Municipal Regional Stormwater Permit (MRP) Compliance Update

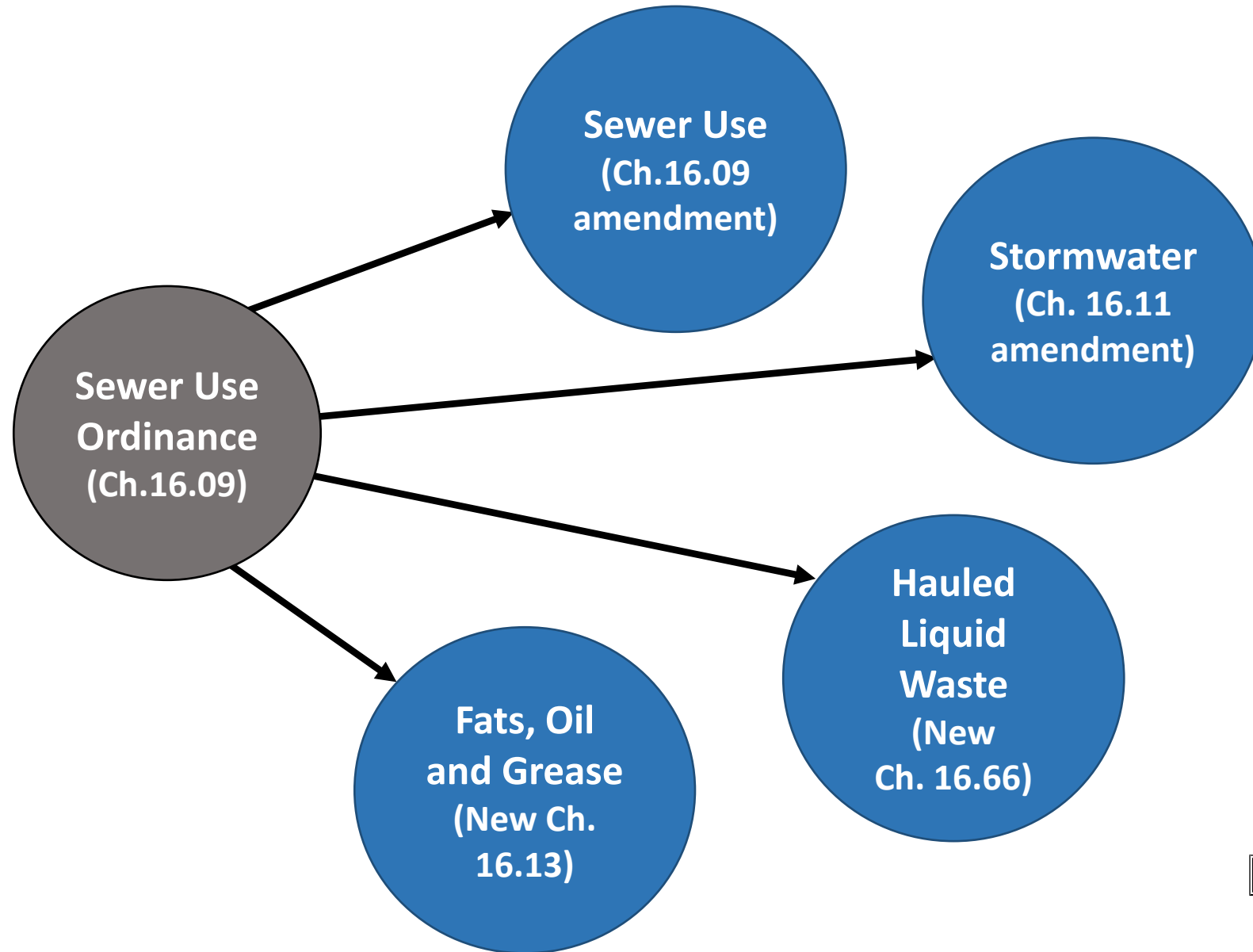
Pam Boyle Rodriguez
Stormwater Compliance Manager

October 27, 2025

Packet Pg. 36

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New Ordinances/Regulations Adopted (Municipal Code Chapters)



MRP Overview

- MRP issued to 79 agencies in the Bay Area, including the City of Palo Alto
- Third iteration (“MRP 3.0”) effective July 2022 - July 2027; each permit lasts five years
- Current MRP has 21 provisions (or chapters) of requirements (16 applicable to Palo Alto)
- Palo Alto part of SCVURPPP – coordination and support



MRP Provisions Applicable To Palo Alto

6

General Operations

C.2 Municipal Operations

C.7 Public Information and Outreach

C.4 Industrial/Commercial Site Controls

C.9 Pesticides Toxicity Control

C.5 Illicit Discharge Controls

C.13 Copper Controls

C.6 Construction Site Controls

Countywide/Regional Support

C.8 Water Quality Monitoring

C.15 Exempted and Conditionally Exempted Discharges (NEW)

C.11/12 PCB and Mercury Controls

C.17 Unsheltered Homeless Populations

Major FY 25 Projects

C.3 New Development and Redevelopment (NEW)

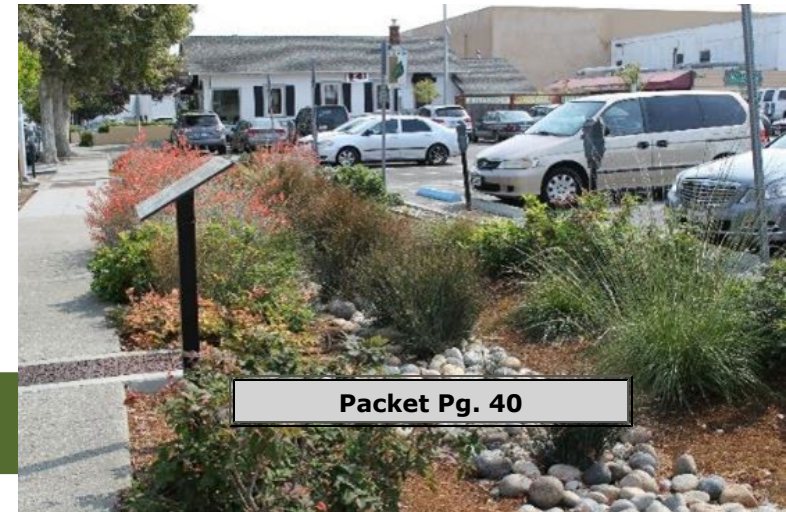
C.20 Cost Reporting (NEW)

C.10 Trash Load Reduction

C.21 Asset Management (NEW)

Compliance Progress: New Development & Redevelopment

- Non-single family projects $\geq 5,000$ SF: stormwater treatment (GSI), site design and source control measures
 - Improved plan review process
 - Upcoming web page
- Implement actions in 2019 GSI Plan
 - Integrate GSI into City projects where feasible (East Meadow Dr, Public Safety Building)
 - Integrate GSI into City plans (e.g. Bike and Pedestrian Safety Plan)
- Construct GSI projects @ target of 3 acres treated per 50,000 population up to 5 acres;
 - Palo Alto @ 65,364 population = 3.92 ac
 - Proposed Juana Briones Park GSI – “Stormwater Park”



Packet Pg. 40

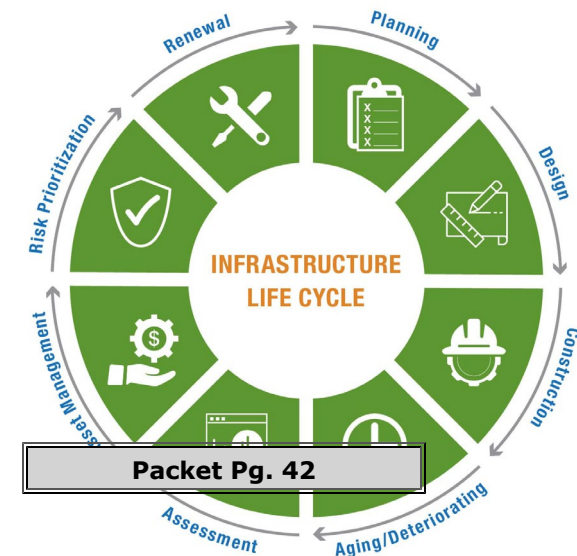
Compliance Progress: Cost Reporting

- Fiscal analysis of City's stormwater compliance costs
 - Program management and countywide costs (e.g., SCVURPPP)
 - Source of funds and funding resources
 - Analysis of current year and estimate costs for upcoming FY
- Does not include most O&M like street sweeping and storm drain cleaning or storm drain CIPs unless related to stormwater treatment or trash capture
- Annual Report submittals started FY 25 (based on regional template), to continue indefinitely

Compliance Progress: Asset Management

6

- Develop and implement Asset Management Plan for stormwater quality assets (e.g., GSI & trash capture devices); does not include storm drain (piped) system
- Maintain asset inventory and periodically evaluate condition
- Ensure satisfactory condition of assets
- Establish prioritized plan for O&M of assets
- Determine current and future costs for O&M and adequately plan for system replacements
- Identify asset management system (City to use inspection and asset management software)
- Plan submitted FY 25



Upcoming Projects (FY 26)

- Coordination with CMO's Unhoused Workgroup to address water quality impacts from unhoused populations; implementation to be determined by City Council
- Firefighting discharges: evaluate best management practices
- Implementation of Asset Management Plan
- Meet 100% trash reduction target
- Begin design of proposed Juana Briones Stormwater Park

Questions?





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Brad Hunt

Associate Engineer

brad.hunt@paloalto.gov

650-329-2502

Agenda Item #7



Trash Load Reduction Progress Update

Brad Hunt, Associate Engineer

October 27, 2025

Packet Pg. 46

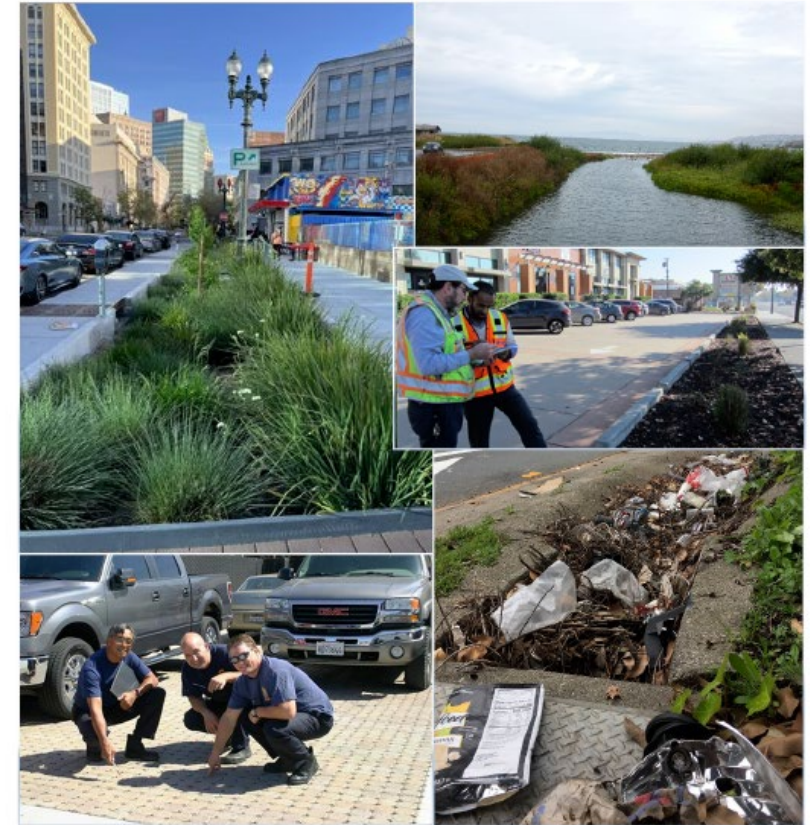
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TRASH REDUCTION REQUIREMENTS

- Stormwater Permit Requirements (compared to 2014 baseline)
 - Achieve 90% reduction by June 30, 2023
 - Achieve 100% reduction by June 30, 2025
- City's Progress
 - Trash Load Reduction (6/30/2023)~75%
 - Trash Load Reduction (6/30/2025)~97%
- Currently
 - **Trash Load Reduction (8/29/2025) – 99.2%**

California Regional Water Quality Control Board
San Francisco Bay Region
Municipal Regional Stormwater NPDES Permit

Order No. R2-2022-0018
NPDES Permit No. CAS612008
May 11, 2022



HOW DO WE GET TO 100% TRASH REDUCTION

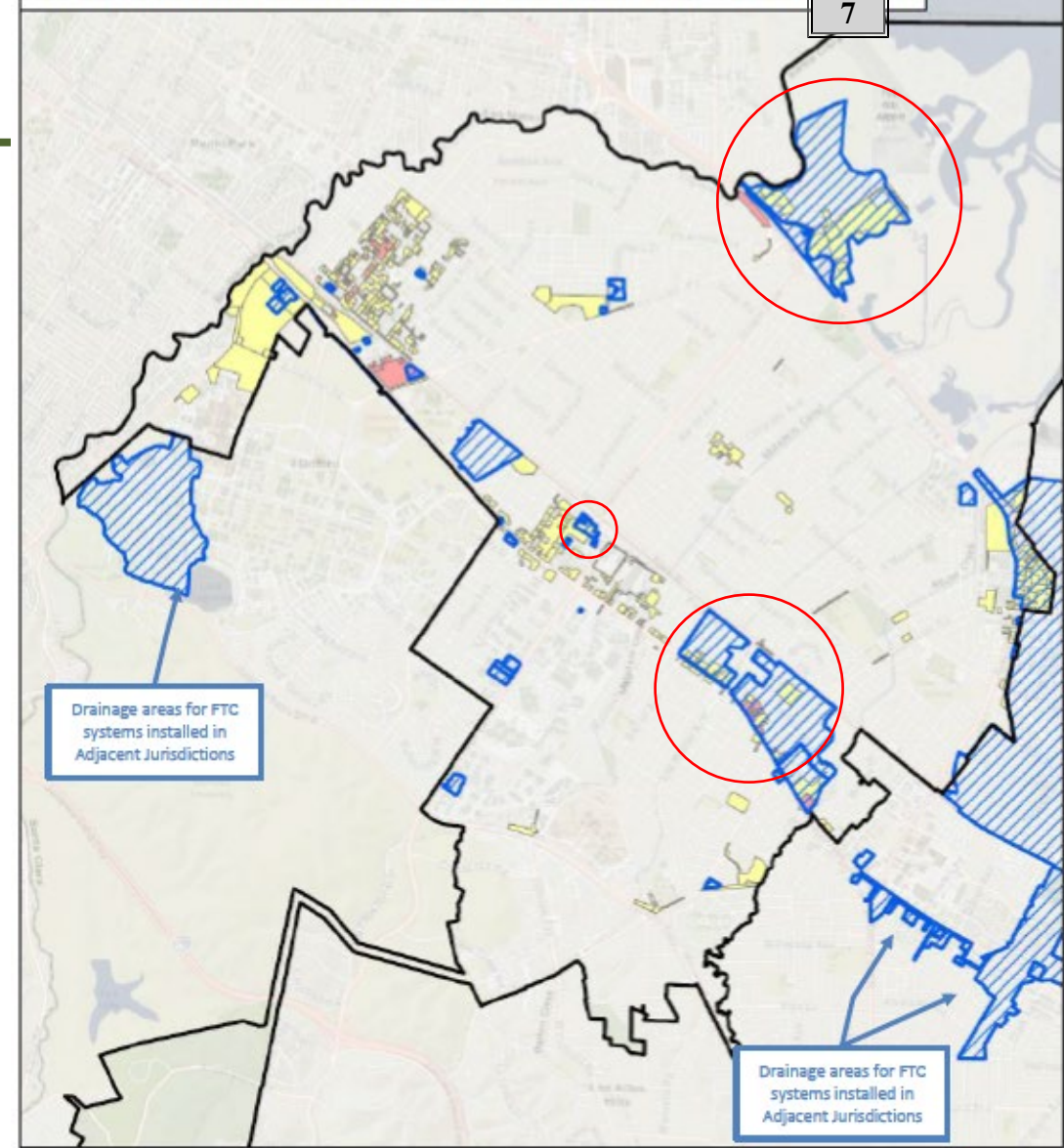
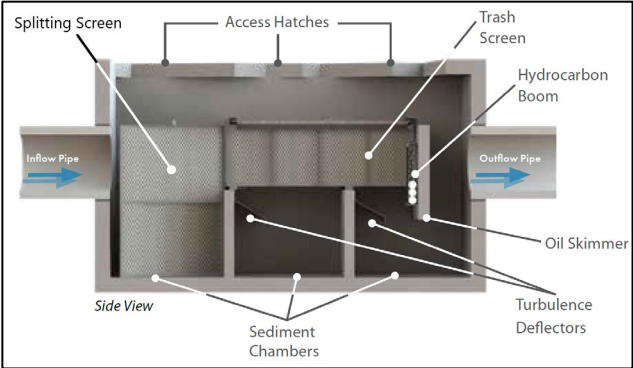
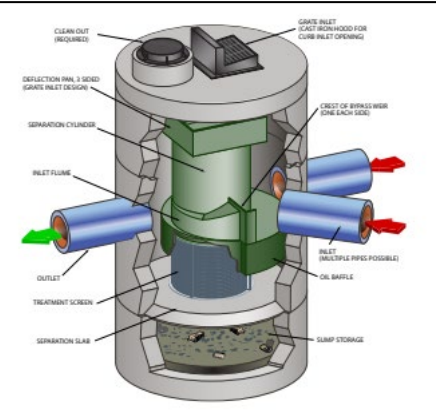
- Trash Capture Devices – Full Credit once installed
- Trash Assessments – Full Credit if results show “No Trash”
 - Assessments where trash control measures implemented
 - Examples - Street sweeping, litter cleanups, trash container/bin management
- Private Property Inspections – Full Credit if results show “No Trash” or have Trash Capture Devices



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TRASH CAPTURE DEVICES

- Three (3) high-flow capacity Full Trash Capture (FTC) Devices
- One Small Catch Basin Type FTC Device



LEGEND

AGENCY BOUNDARY

FULL TRASH CAPTURE DRAINAGE AREA

BASELINE TRASH GENERATION

MODERATE

HIGH

VERY HIGH

NOTES

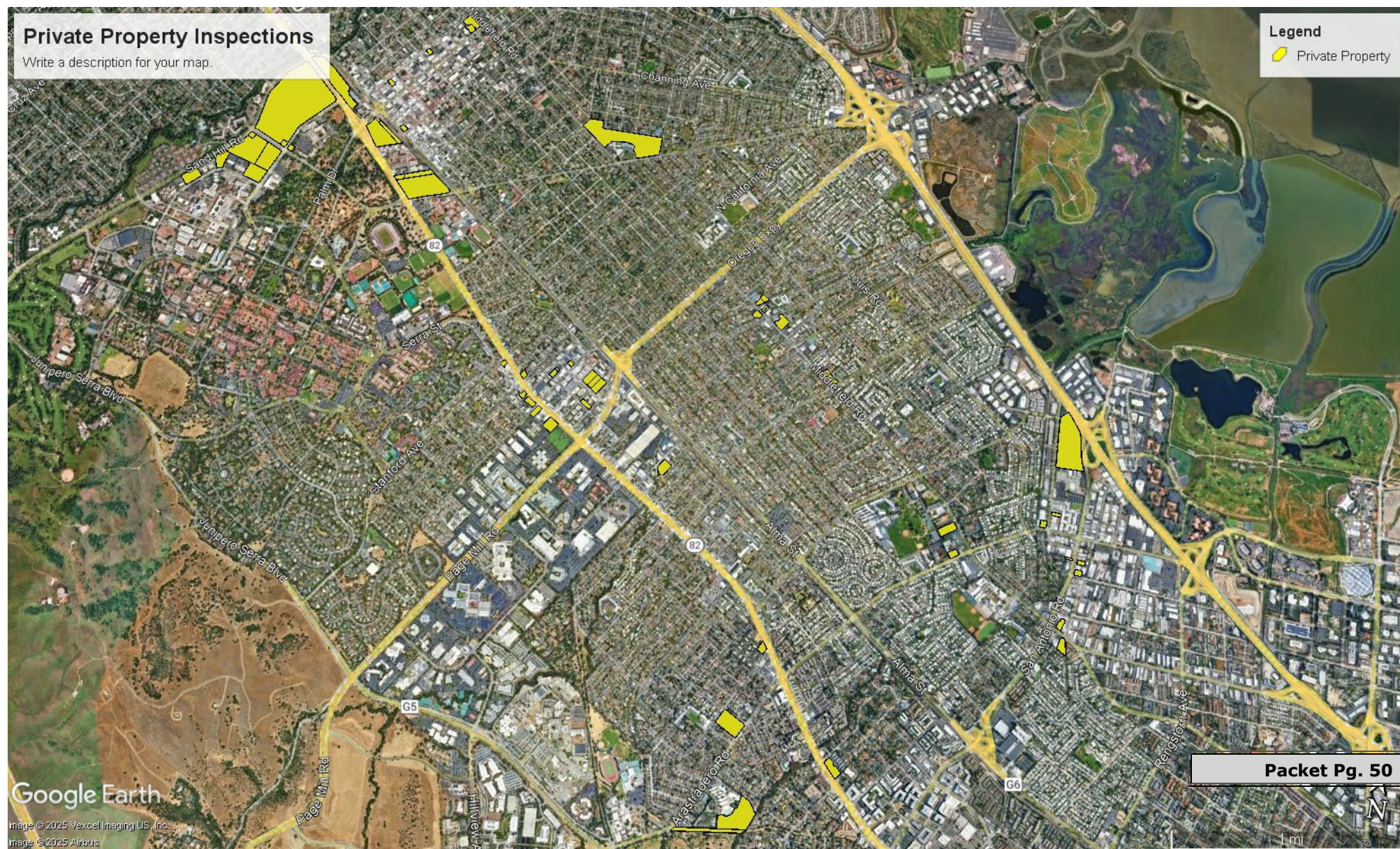
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Date Created: December 27, 2023

San Joaquin Valley Urban Storm Pollution Prevention Program

0 0.5 1 Miles

PRIVATE PROPERTY INSPECTION PROGRAM



INSTALLATION OF SMALL TRASH CAPTURE DEVICES

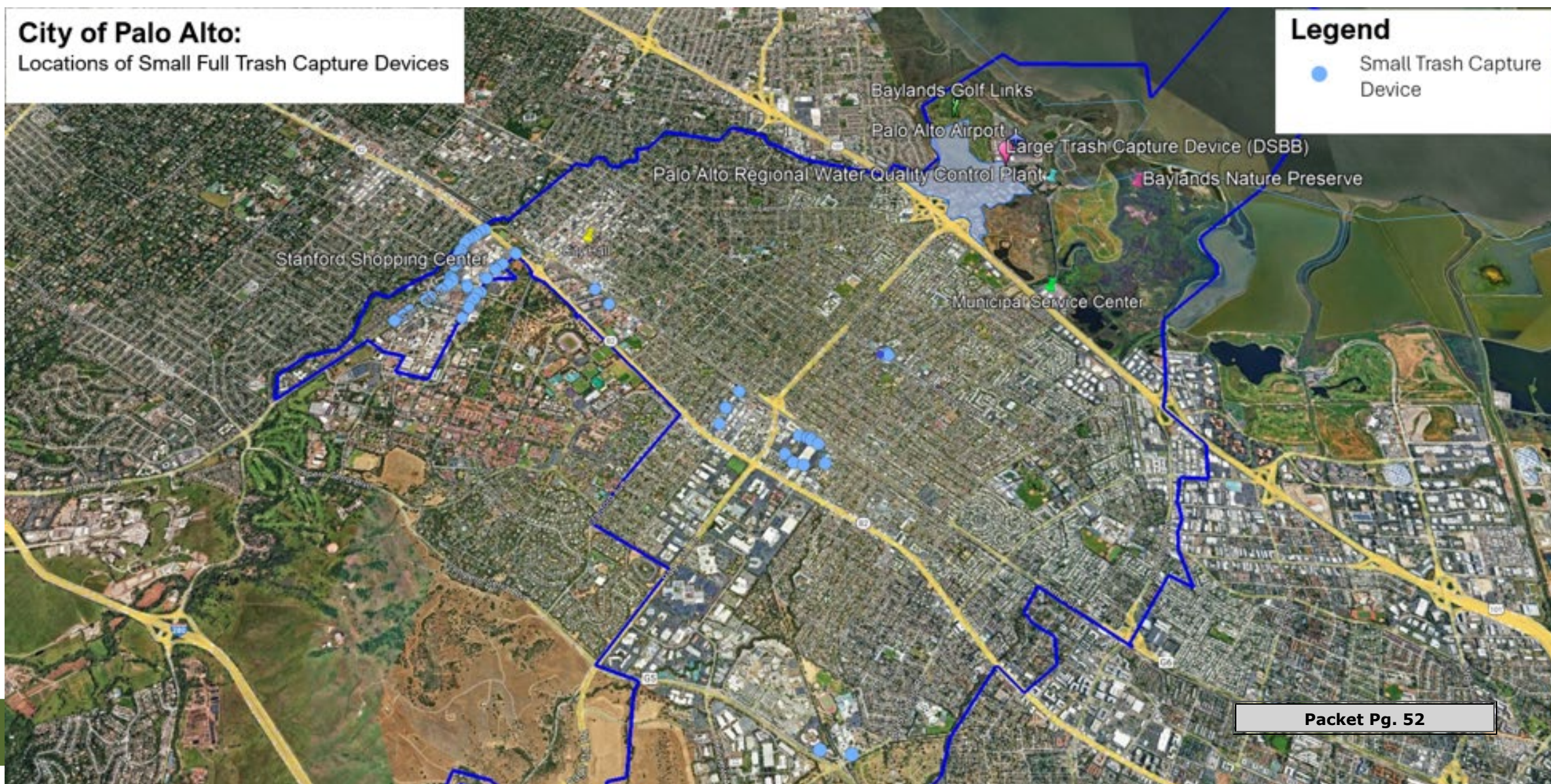
Stormtek Connector Pipe
Screen (CPS)



Enviropod Littatrap



Small Trash Capture Device Locations



Questions?





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