



## MONTEREY SEA

Stormwater Education Alliance

Carmel-by-the-Sea • County of Monterey • Del Rey Oaks  
Monterey • Pacific Grove • Sand City • Seaside

### NOTICE AND AGENDA

## MANAGEMENT COMMITTEE for the MONTEREY REGIONAL STORMWATER MANAGEMENT PROGRAM

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**DATE:** May 28, 2025  
**TIME:** 9:30 a.m.  
**LOCATION:** Monterey One Water Conference Room, 5 Harris Court, Building D, Monterey

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### THIS HYBRID MEETING WILL BE HELD BOTH IN-PERSON AND VIRTUALLY

To join the Zoom Webinar Meeting, click on this link:

<https://us02web.zoom.us/j/89246755123?pwd=NDOMwkbN6w8F8Xh5iwpEbAWgGvTVH.1>

or copy and paste the link into your browser. If your computer does not have audio, you will need to join the meeting via phone. To participate telephonically, you can call the number below and enter the webinar ID number and password when prompted:

(669) 900-9128

**Webinar ID: 892 4675 5123 Password: 257007**

**PUBLIC COMMENTS:** If you are unable to participate via telephone or webinar, you may submit your comments by e-mailing them to [MontereySEA@my1water.org](mailto:MontereySEA@my1water.org) with one of the following subject lines: "PUBLIC COMMENT ITEM #" (insert the item number relevant to your comment) or "PUBLIC COMMENT – NON-AGENDA ITEM". Comments must be received by 12:00 p.m. on Tuesday, May 27, 2025. All submitted comments will be provided to the Committee, may be read into the record, and will be compiled as part of the public record.



In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Program Administrator at (831) 645-4635 or by email at [MontereySEA@my1water.org](mailto:MontereySEA@my1water.org). Notification 30 hours prior to the meeting will enable the Committee to make reasonable arrangements to ensure accessibility to this meeting. Later requests will be accommodated to the extent feasible.

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**Officers:** Chairperson: Kevin Anderson, City of Monterey  
Vice-Chairperson: Patrick Grogan, City of Seaside

**Participating Entities:** City of Carmel-by-the-Sea City of Del Rey Oaks  
City of Monterey City of Pacific Grove City of Sand City  
City of Seaside County of Monterey

**Other Coordinating Entities:** Carmel Unified School District Pacific Grove Unified School District  
Monterey Peninsula Unified School District Pebble Beach Company

**Ex-Officio Members:** Association of Monterey Bay Governments Monterey Bay National Marine Sanctuary

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## AGENDA ITEMS

## Page #

- |  |     |
|--|-----|
| 1. Call to Order / Roll Call   | N/A |
| 2. Public Comments   | N/A |
| 3. Approve Management Committee (MC) Meeting Minutes for 04/23/25 (Attachment 1) | 03  |

## INFORMATION AND DISCUSSION ITEMS

- |  |                |     |
|--|----------------|-----|
| 4. Update on PE/PO Program                                   |                |     |
| a. Monthly Update  | (Attachment 2) | 08  |
| b. Press Release - ASBS                                      | (Attachment 3) | 18  |
| 5. Dry Run/First Flush Annual Report Analysis                |                |     |
| Proposed Feedback for California Marine Sanctuary Foundation | (Attachment 4) | 20  |
| 6. Jurisdiction-Specific Stormwater Presentations            | (Attachment 5) | 30  |
| 7. Memorandum of Agreement Ad Hoc Committee Update           |                | N/A |
| 8. 2025 Committee Meeting Calendar                           | (Attachment 6) | 33  |

## ACTION ITEMS

- |   |                |    |
|---|----------------|----|
| 9. Select Approach to Snapshot Day Monitoring Event           | (Attachment 7) | 34 |
| 10. Consider Budget Amendments for E.7/E.8 Annual Preparation | (Attachment 8) | 37 |

## ADMINISTRATIVE REPORTS

- |   |                 |     |
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| 11. Program Administrator Update        |                 |     |
| a. SWRCB Trash Compliance Notification  | (Attachment 9)  | 39  |
| b. Stormwater Funding Opportunities     | (Attachment 10) | 41  |
| 12. Management Committee Member Updates |                 | N/A |
| a. City of Carmel-by-the-Sea            |                 |     |
| b. City of Del Rey Oaks                 |                 |     |
| c. City of Monterey                     |                 |     |
| d. City of Pacific Grove                |                 |     |
| e. City of Sand City                    |                 |     |
| f. City of Seaside                      |                 |     |
| g. County of Monterey                   |                 |     |

## SCHEDULE NEXT MEETING / ADJOURNMENT

N/A

### 13. Schedule Next Meeting:

The next MC Meeting is scheduled for Wednesday, June 25, 2025, at 9:30 a.m.

### 14. Meeting Adjournment



## MONTEREY SEA

Stormwater Education Alliance

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## Monterey Regional Stormwater Management Program Management Committee

### MEETING MINUTES for April 23, 2025

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#### **AGENDA ITEMS**

##### **1. Call to Order / Roll Call**

Chairperson Anderson (*City of Monterey*) called the meeting to order at 9:30 a.m. and performed the roll call.

##### **Management Committee Members:**

City of Carmel-by-the-Sea - Mary Bilse  
City of Del Rey Oaks - Ron Fucci  
City of Monterey - Kevin Anderson  
City of Pacific Grove - George Fuerst  
City of Sand City - Leon Gomez  
City of Seaside - Patrick Grogan  
County of Monterey - Michael Trapani

##### **Other In-Person:**

Maris Sidenstecker (PE/PO Coordinator)  
Lacey Raak (Environmental Innovations)  
Jakki Castorena-Davila (Environmental Innovations)  
Mollie Wooden (Pebble Beach Company)

##### **Monterey One Water (M1W, Program Administrator):**

Michelle Bumgardner  
Erica Parker  
Yohana Vargas

##### **Other Virtual:**

Sasha Smirensky (Caltrans)  
Ryan Blanc (Caltrans)  
Douglas Dowden  
Val Gaino (City of Carmel-by-the-Sea)  
Duane Dauphinee (City of Carmel-by-the-Sea)  
Jermel Laurie (City of Carmel-by-the-Sea)

##### **2. Public Comments**

Chairperson Anderson called for public comment, none received.

##### **3. Approve Management Committee Meeting Minutes for 03/26/2025**

**Action:** On a motion by Grogan (*City of Seaside*), seconded by Gomez (*City of Sand City*), the Management Committee (MC) unanimously approved the Management Committee Meeting Minutes for 03/26/2025.

#### **INFORMATION AND DISCUSSION ITEMS**

##### **4. Update on PE/PO Program**

###### **a. Monthly Update**

Sidenstecker explained that classroom presentations are slowing down as the permit outreach requirements have been met for this category. Other activities included beach cleanup with university student volunteers, storm drain emblem installation, and two outreach events. Whalefest Monterey was particularly successful; her team interacted with approximately 225 individuals. She also discussed the recent press release regarding storm drains and public

involvement in identifying missing emblems. The bilingual TV ad campaign with regional partners concluded in early April, and invoices will be sent out to participating jurisdictions in the near future. Members expressed interest in having another press release focused on Areas of Special Biological Significance (ASBS).

- Follow-up action: Support staff will coordinate on a press release for ASBS.

b. Review of Snapshot Day Monitoring Event Alternatives

Parker reminded the MC of staffing changes at the California Marine Sanctuary Foundation (CMSF) and reviewed the two permit requirement elements related to Snapshot Day: publicity and monetary contribution for the monitoring event. She stated that no feedback has been received from the Regional Waterboard contact, Leah Lemoine, and staff will continue to follow up with her. Members discussed interest in pursuing sample collection, the availability of necessary equipment, volunteer availability, and other coordination needs to conduct water quality assessments. Parker shared the request from CMSF to provide input on the content and format of the Dry Run/First Flush (DR/FF) Final Report to make it as relevant as possible to the jurisdictions.

- Follow-up action: Support staff will determine equipment needs and availability through coordination with Sidenstecker and Members.
- Follow-up action: Parker will inform the Committee when input is received from the Regional Board and provide additional information for a final decision at the May MC meeting.
- Follow-up action: Parker will prepare a proposal for DR/FF Annual Report feedback and bring it to the May meeting for MC consideration.

c. E.7/E.8 Annual Report Preparation Options

The PE/PO contract with Save the Whales (STW, Sidenstecker) terminates at the end of the fiscal year, and preparation of the two associated reports (E.7 & E.8) for outreach and engagement is likely to fall outside the contract period. Support staff received a cost estimate from Sidenstecker for the creation of the reports and requested from her a scope of work with the costs broken down into line-items. Bumgardner provided alternatives for report preparation: contract amendment for STW, addition of a line-item to the Environmental Innovations contract (should it be approved by the MC in Item 8 below), or explore other routes (i.e. internal preparation of reports). Committee Members requested more detail on cost estimates

- Follow-up action: Support staff will compile E.7/E.8 Annual Report preparation cost estimate data from STW and EI for action by the MC in May.

## **5. Ad Hoc Committee for Memorandum of Agreement (MOA) Update**

### **Summary of Ad Hoc Committee Progress**

The MOA Ad Hoc Committee met on 04/09/2025 with Members Anderson and Trapani (*County of Monterey*). Parker shared that new items incorporated into the draft include a Program Administrator Performance Evaluation form, language to clarify that the Code of Conduct applies to all individuals representing MRSWMP, a MC Member Designee letter, a Budget Amendment form, and tables with M1W Procurement Policy information. Anderson stated that the draft is very close to completion. Target date for presentation to the full Committee is 05/28/2025.

- Follow-up action: Parker will continue to integrate Committee input into the draft and will schedule a final meeting of the Ad Hoc Committee to be held before the May MRSWMP MC meeting.

## 6. Committee Member Invoicing Process

Parker requested feedback from MC Members on how best to issue invoices for MRSWMP expenditures. All jurisdictions requested electronic invoices moving forward.

## 7. 2025 Committee Meeting Calendar

Parker highlighted the addition of Program Administrator evaluations to the scheduled June meeting and reviewed the timeline for MRSWMP budget approval to meet M1W deadlines for the Board of Directors adopting next fiscal year's budget.

Bumgardner stated that using the Oldemeyer Center for the September hybrid training session will not be possible if the MC deems it a priority to host during Storm Water Awareness Week (SWAW, 09/22-09/26/2025). The Center is fully booked during that week. Verux will be the presenter, and SWAW organizers reached out offering to post the video online with other SWAW resources if it runs for at least 50 minutes. Members agreed that a presentation followed by a question-and-answer period would be appropriate to meet the length requirement and emphasized the importance of hosting it at a location within the MRSWMP jurisdictional footprint.

- Follow-up action: Bumgardner will coordinate with Wooden (*Pebble Beach Company*) to explore hosting the training in one of their facilities.

## ACTION ITEMS

### 8. Select Contractor for Fiscal Year 2025-2026 PE/PO Coordinator

Bumgardner reviewed the process for evaluating proposals received for the FY 25-26 PE/PO contract and the scores awarded to each applicant for each component. She introduced Lacey Raak and Jakki Castorena-Davila from Environmental Innovations (EI), and Fucci (*City of Del Rey Oaks*) spoke about the passion and community connections that set EI apart from other candidates. Raak and Castorena-Davila provided a brief overview of the firm and their backgrounds. Bumgardner laid out the timeline for next steps in executing a new PE/PO contract - presentation to the M1W Recycled Water Committee on 6/19/2025, followed by M1W Board of Directors approval on 06/30/2025. This will be a one-year contract, with the option to renew up to four years.

Chairperson Anderson called for public comment, none received.

**Action:** On a motion by Anderson, seconded by Fucci, the MC unanimously selected EI as the contractor for MRSWMP PE/PO activities for the fiscal year 2025-2026.

### 9. Consider Adoption of Draft Fiscal Year 2025-2026 Budget

Parker provided brief comments on the PE/PO budget amount and reminded Members that M1W will be invoicing for expenses incurred, not for estimated budget amounts.

Chairperson Anderson called for public comment, none received.

**Action:** On a motion by Grogan, seconded by Gomez, the MC unanimously approved the draft MRSWMP budget for fiscal year 2025-2026.

## ADMINISTRATIVE REPORTS

### 10. Program Administrator Update

- January through March 2025 Quarterly Report (Q3)

Parker shared that 63% of the fiscal year 2024-2025 budget has been spent, with only 25% of the budget year remaining. She highlighted the addition of cost-share expenditures table, divided by jurisdiction, to date. Sidenstecker stated that some items are missing from the PE/PO progress report.

- Follow-up action: Support staff will work with Sidenstecker to ensure all data is captured in the progress report.

b. Stormwater-Relevant US Supreme Court Rulings

Parker discussed the history of federal regulatory enforcement and the recent Supreme Court rulings *Loper Bright Enterprises et al. v. Raimondo et al.* and the *City and County of San Francisco v. EPA*. She touched on some potential impacts to stormwater activities and permitting.

- Follow-up action: Parker will continue to monitor analyses and other related publications from industry associations and report back on any relevant information.

c. CASQA Subcommittee Meetings Summary

Parker gave an overview of the CASQA Policy & Permitting Subcommittee and Phase II Subcommittee meetings. CASQA has created a Cost Reporting Working Group and a Trash Working Group available to Members. She stated that the State Water Resources Control Board (SWRCB) specifically requested CASQA's input on cost reporting guidance, which is targeted for public release in May 2025. Additionally, CASQA award nominations are open and due by 05/30/2025.

She also mentioned that SWRCB has created a Wastewater Needs Assessment Advisory Group to develop data gathering, baseline needs assessment, and potential solutions for inadequate systems. SWRCB will be looking to amend the Clean Water State Revolving Fund (CWSRF) policy at their May Board of Directors meeting, and Members requested more detail on CWSRF opportunities.

- Follow-up action: Parker will provide information to the MC on CASQA working groups and award categories.
- Follow-up action: Parker will give additional information on funding opportunities, such as CWSRF low-interest loans, at a subsequent MC meeting.

## 11. Management Committee Member Updates

- d. City of Carmel-by-the-Sea: No report.
- e. City of Del Rey Oaks: Fucci reported that Cal Am is installing tie-ins to their new water line along Carlton Drive. The FORTAG project finally received approval for traffic control measures to close off Carlton, and Rosita Road work concluded. The City's Earth Day celebration will be Saturday, 04/26/2025.
- f. City of Monterey: Anderson shared that he has been working with the Planning Department on establishing a Local Coastal Plan, incorporating data from the City's stormwater permit. A consultant is working on a Storm Drain Utility Master Plan to establish stormwater utility rates and to begin the Prop 218 public process for funding. He also is in the process of updating the City's Sanitary Sewer Management Plan and onboarding new staff in May.
- g. City of Pacific Grove: Fuerst stated that the City is hosting a small Arbor Day event on 04/27/2025. He discussed a recent fire at Carl's Jr. and the resulting fire fighting effluent that went to the Pacific Grove storm drain system. The urban diversion system was able to divert a good portion into the sewer system, though the pumps were overwhelmed, and some flow reached the ocean outfall.

- h. City of Sand City: Gomez reported that he received an illicit discharge notice this morning by contractors on private property. He mentioned interest in using the 2NFORM platform for reporting requirements with the discharge.
- i. City of Seaside: Grogan reported that the City's Earth Day event would occur on 04/27/2025. They will be interviewing for the Junior Engineer position and still are recruiting for an Engineering Inspector and a Utilities Supervisor. Work on a Storm Drain Master Plan is underway through a consultant, looking to identify projects to increase the system's efficiency.
- j. County of Monterey: Trapani shared that the water quality monitoring for the rainy season is complete, and dry season street sweeping will begin in May. Mapping of roadside drainage ditches in the Gabilan Creek Watershed has concluded, using the 2NFORM application, to inform the development of the TMDL.

## **SCHEDULE NEXT MEETING / ADJOURNMENT**

### **12. Schedule Next Meeting**

The next MC Meeting is scheduled for Wednesday, May 28, 2025, at 9:30 a.m.

### **13. Meeting Adjournment**

The meeting was adjourned at 11:00 a.m.

# Monterey Regional Storm Water Management Program (MRSWMP) Committee Meeting

## Public Education/Public Outreach Program Update

May 28, 2025

By Maris Sidenstecker, Executive Director, Save The Whales



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# Summary of FY 2024-2025 School Classroom Presentations



Grade Level	# Classes	# Students Reached	Permit Requirements
Grades K-3	32	755	750 Students
Grades 4-12	27	632	600 Students
Total Students		1,387	

Collecting remainder of student surveys for Annual Report tabulation



# Completed Activities

Activity	Date	Location	Notes
Toro Park	April 19, 2025	Monterey County	26 emblems installed
Carmel Earth & Arbor Day	April 26, 2025	Devendorf Park	Reached 74 people
Del Rey Oaks Earth Day	April 26, 2025	Del Rey Oaks	Reached 35 people
Home Depot	April 27, 2025	Seaside	Check on OWOW point of purchase (POP) labels for alternatives to pesticides
Seaside Earth Day	April 27, 2025	Seaside	Reached 48 people



# Press re: Love Your Storm Drains



## Press Release to MRSWMP Members

		Reach
Monterey County Weekly	Digital E-Newsletter April 27, 2025	50,000
Monterey Peninsula Regional Park District	Eblast to subscribers June 2025	

Carmel Earth Day  
74 Reached



DRO Earth Day  
35 Reached



Seaside Earth Day  
48 Reached

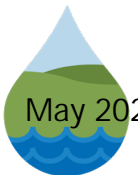


Toro Park Storm Drain Emblems  
26 installed  
Several existing emblems cleaned



# April Bilingual Radio Ads

Activity	Station	Number of Ads
Spanish Radio Ads	KLOK La Tricolor	75
	KSES La Suavecita	75
	Audio Streaming	78
English Radio Ads	KCDU-FM	44
	KHIP-FM	40
	KKHK-FM	40
	KWAV-FM	40
	<b>Total Air &amp; Streaming Ads</b>	<b>392</b>



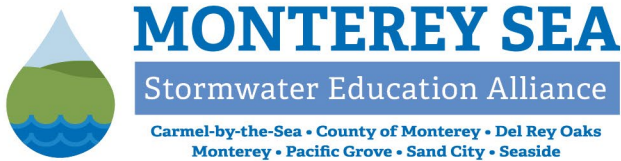
# Questions?



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## FOR IMMEDIATE RELEASE

### Protecting Coastlines from Stormwater Pollution

**Monterey, CA, May 28, 2025:**

Monterey County is home to many natural treasures, including the stunning coastlines of Pacific Grove, Carmel Bay, and Point Lobos. These shoreline zones are designated as Areas of Special Biological Significance (ASBS) due to the wide array of sensitive marine species making up uniquely diverse and fragile ecosystems, many of which are found nowhere else in the world.

Pollution from urban development threatens the pristine, thriving habitats of ASBS through sources like sewer discharge, stormwater runoff, and landscape drainage. Even small amounts of pollution from streets, sidewalks, and storm drains can have a big impact on these critical marine systems. To educate the public and protect these fragile ecosystems, a coalition of local jurisdictions known as the Monterey Regional Stormwater Management Program (MRSWMP) is taking action.

Stormwater runoff is one of the top sources of pollution nationwide, making public education a central focus of MRSWMP's efforts – helping residents understand how everyday actions affect local water quality and what simple steps to take to help protect the health of Monterey Bay for generations.

"Many people don't realize that water flowing down a storm drain often goes straight to the ocean without being treated," said Pacific Grove's Environmental Program Manager and MRSWMP Committee member George Fuerst. "That's why this work is important; it helps protect the places we love to visit and the wildlife that lives just offshore."

MRSWMP provides resources, outreach, and education on best management practices to municipalities and the industrial and construction industries to address contamination upstream from sensitive habitats like those found in ASBS. Additionally, MRSWMP leads water quality monitoring to identify and track pollutants of concern like sewage, metals, and excessive nutrients in storm runoff. Once the source of pollution is identified, then solutions to best address the issue can be determined.

Common sources of polluted runoff are over-irrigation, car washing, and hosing down sidewalks or driveways. However, it also can come from broken pipes, greywater connections, and pool backwash. Help protect Monterey Bay ASBS! Throw away trash, especially cigarette butts and pet waste, in the appropriate receptacles and follow proper liquid waste disposal procedures.



# MONTEREY SEA

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MRSWMP, also known as Monterey SEA, is a regional partnership that includes the Cities of Carmel-by-the-Sea, Del Rey Oaks, Monterey, Pacific Grove, Sand City, Seaside, and the County of Monterey. Together with partners like the Pebble Beach Company, they built a coordinated approach to stormwater management across the region. Learn how you can get involved at <https://montereysea.org/>.

Visit [https://www.waterboards.ca.gov/water\\_issues/programs/ocean/asbs\\_map.shtml](https://www.waterboards.ca.gov/water_issues/programs/ocean/asbs_map.shtml) to learn more about the rich ecological diversity that calls Monterey Peninsula ASBS home.

Contact: Erica Parker, Monterey One Water Administrative Analyst  
(831) 645-4635 | [erica@my1water.org](mailto:erica@my1water.org)  
Facebook, Instagram, YouTube @MontereySEA

###

# Suggested Edits to CMSF Dry Run & First Flush Final Report



Office of National Marine Sanctuaries  
National Oceanic and Atmospheric Administration

MONTEREY BAY NATIONAL MARINE SANCTUARY



## 2023 Dry Run & First Flush Monitoring Report



June 10, 2024

# Background

Dry Rush/First Flush Final Report by CMSF

Staffing changes → mid-Aug 2025 finalization

CMSF requesting feedback on report contents:

- What works
- What content should be added
- Where to simplify
- Added emphasis on solutions

# Existing Content/Layout

## Nutrients

Nitrate, orthophosphate, ammonia, and urea are nutrients. Excess concentrations can assist in identifying a discharge of sewage as well as industrial or commercial liquid wastes. Nitrogen and phosphorus are elements needed for plant growth.

### Nitrate

Primary sources of nitrate in runoff include overwatering of fertilized lawns, agricultural and pasture lands, construction sites, and septic or sewer system leachate. Nitrate in runoff can lead to excessive nitrate in groundwater or increased growth of algal blooms that degrade water quality as algae die off and consume oxygen in their decomposition.

The CCAMP Action Level for nitrate as N ( $\text{NO}_3\text{-N}$ ) is 2.25 mg-N/L. The MDL was 0.04 mg-N/L for the Dry Run and 0.16 mg-N/L for the First Flush for all sites. **Figure 3** represents Dry Run and **Figure 5** represents the First Flush nitrate ( $\text{NO}_3\text{-N}$ ) data since 2000. All outfall results are listed in **Appendix B**.

- **Dry Run:** In 2023, three of the seven outfalls (43%) exceeded the Action Level at 4th Avenue in Carmel at 2.3 mg-N/L, and Lover's Point and Sea Palm at 5.5 mg-N/L and 3.1 mg-N/L respectively.
- **First Flush:** None of the outfall sites exceeded the Action Level in 2023.

### Orthophosphate

Phosphorus is also an essential element for plant growth. Orthophosphate is a form of phosphorus commonly found bound to soil particles, in sewage, fertilizers, and in surfactants that contain phosphates. In aquatic systems, orthophosphate is rapidly taken up by algae and aquatic plants. When excessive amounts are present, large algal blooms can occur which can lead to degraded water quality conditions toxic to marine or aquatic life.

The CCAMP Action Level for orthophosphate ( $\text{PO}_4\text{-P}$ ) is 0.12 mg-P/L. The MDL was 0.04 mg-P/L for the Dry Run and 0.16 mg-P/L for First Flush for all sites. **Figure 3** represents the Dry Run and **Figure 5** represents the First Flush data for all MRSWMP orthophosphate data since 2000. All outfall results are listed in **Appendix B**.

## Results by Jurisdiction

The following section is broken out by city or county for this permit year. All 2023 outfall results can be found in **Appendix B** and by jurisdiction in **Appendix C**.

### Carmel-by-the-Sea

For the 2023-2024 permit year, two sites were monitored in Carmel: 4th Avenue and Ocean Avenue. There was no flow at Ocean Avenue for the Dry Run.

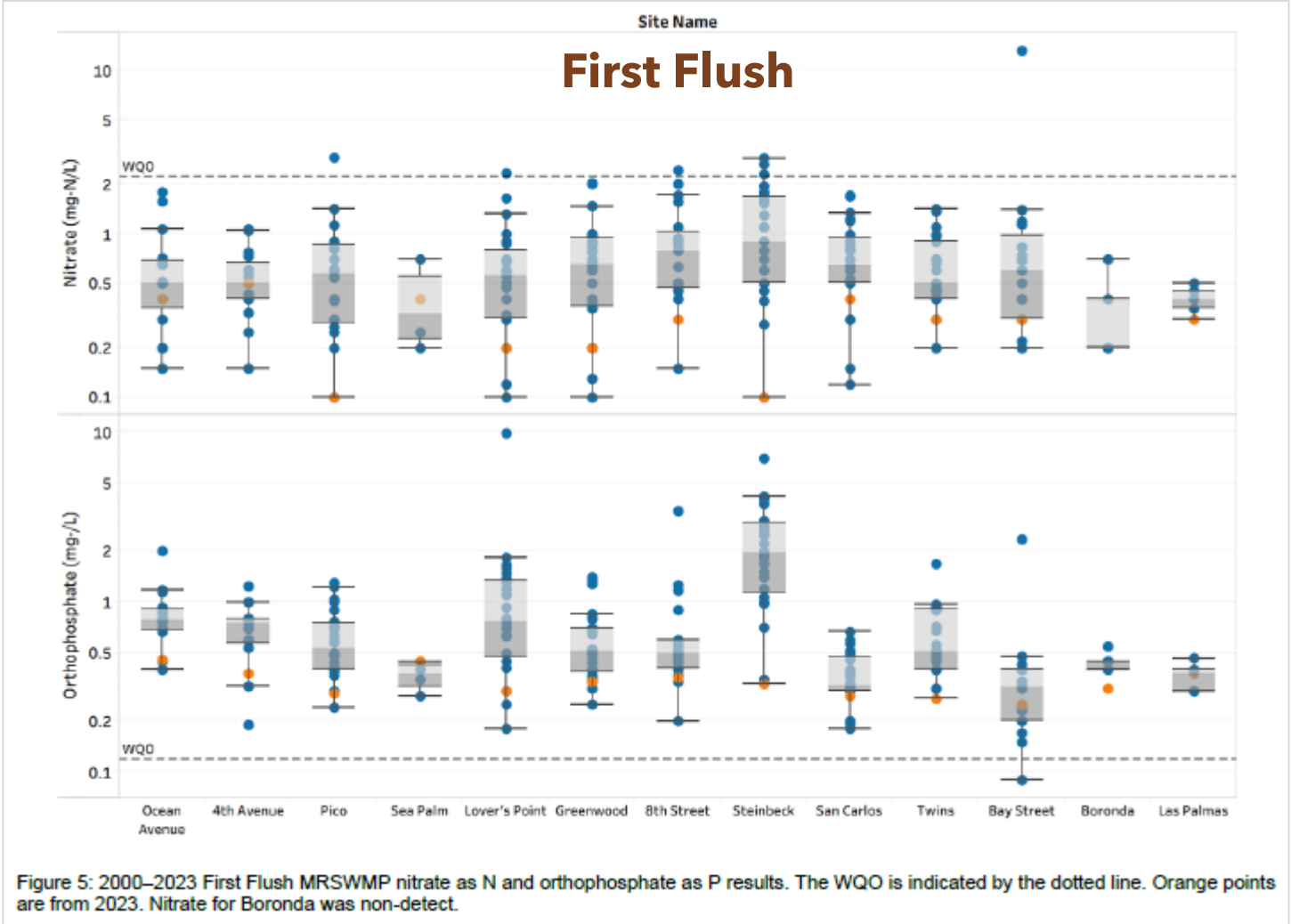
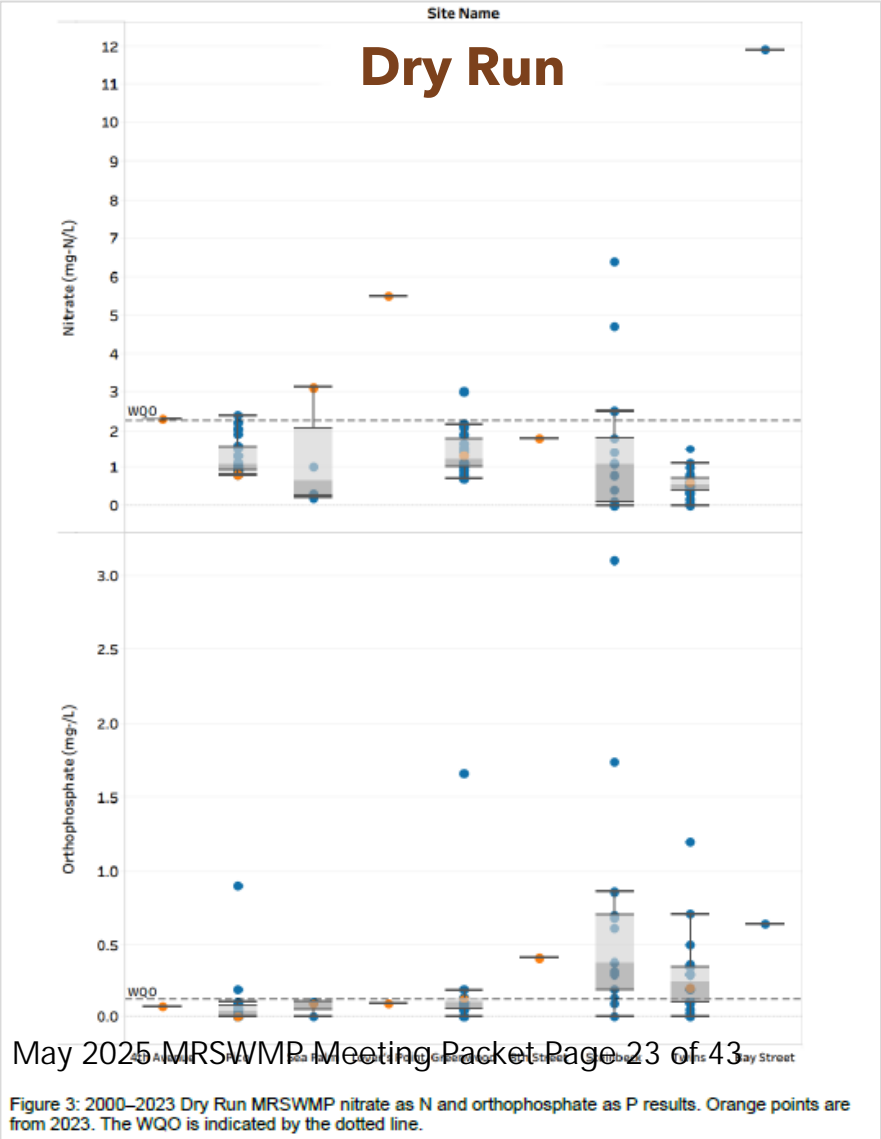
For Dry Run:

- 4th Avenue exceeded the nitrate CCAMP Action Level at 2.3 mg-N/L.
- Potassium exceeded the SWRCB NPDES MS4 General Permit Action Level at 20.9 mg/L and was the highest concentration of potassium measured throughout all the samples collected during the 2023 MRSWMP sampling.

For First Flush:

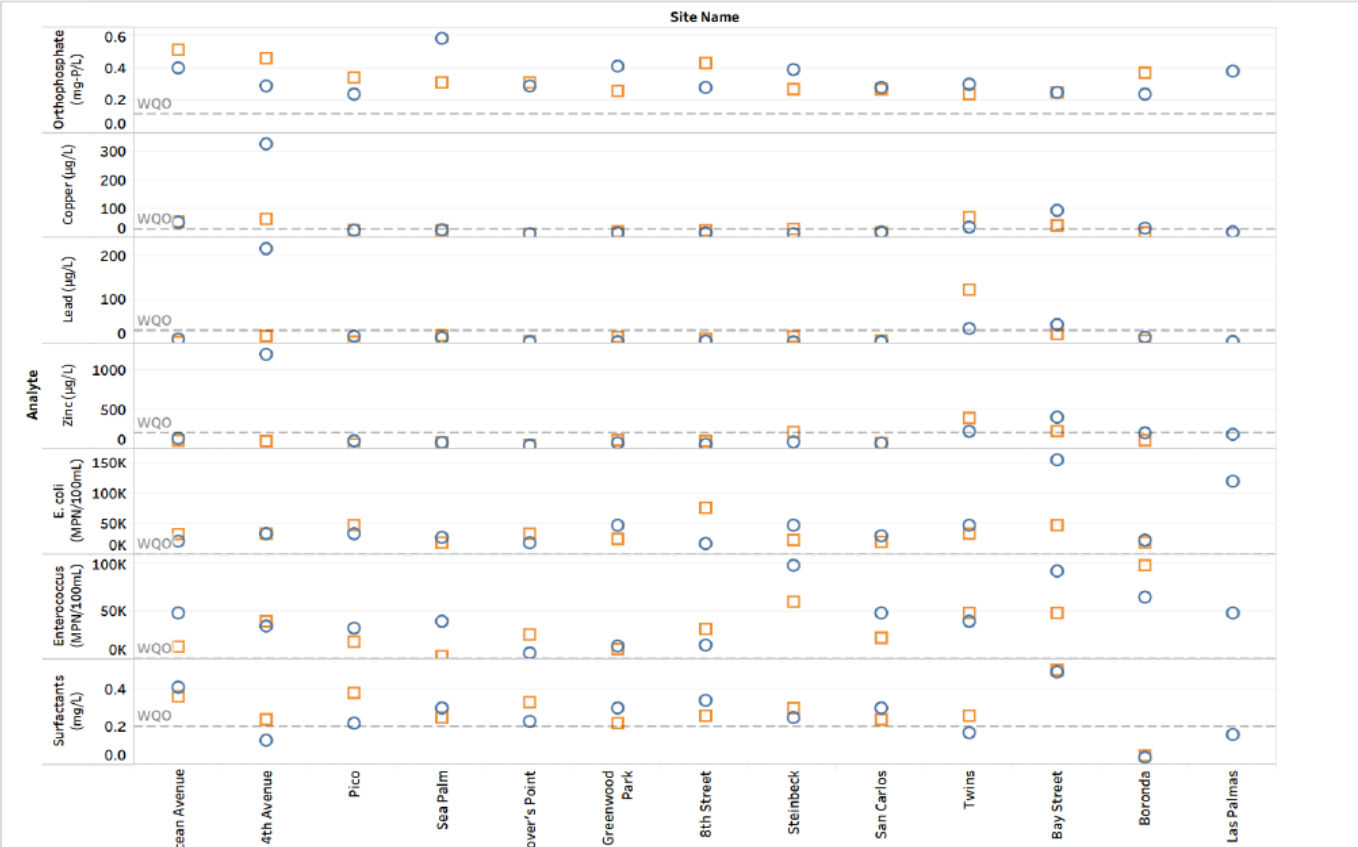
- Copper exceeded the Basin Plan WQO in all samples at both sites. The highest single sample copper result from all 2023 MRSWMP sites was from 4th Avenue at 325  $\mu\text{g/L}$  during the first time series.
- Lead and zinc exceeded the Basin Plan WQO for the first time series at 4th Avenue at 217 and 1,210  $\mu\text{g/L}$  respectively. These were the highest concentrations of lead and zinc out of all the 2023 MRSWMP sites.
- *E. coli* and Enterococcus results exceeded the U.S. EPA WQO in all samples at both sites.
- MBAS surfactant results exceeded the Basin Plan WQO in both samples at Ocean Avenue and the second series sample at 4th Avenue.
- Orthophosphate as P results exceeded the CCAMP Action Level in all samples at both sites.
- Turbidity results exceeded the CCAMP Action Level in all samples from 4th Avenue. The first time series from 4th Avenue had the highest turbidity results out of all MRSWMP sites at 340 NTU.
- Color exceeded the SWRCB NPDES MS4 General Permit for the first time series at 4th Avenue and was the highest out of all 2023 MRSWMP sites at 1,000.
- HF183 was relatively high at 348 GC/mL from the first time series at 4th Avenue.
- Total suspended solids exceeded the CCAMP Action Level for the first time series at 4th Avenue and was the highest out of all 2023 MRSWMP sites at 615 mg/L.
- Ammonia, hardness, nitrate, potassium, and total suspended solids results were all below WQOs and Action Levels for both time series samples at both sites.

# Existing Content/Layout



# Existing Content/Layout

## First Flush Sample Series



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Figure 15: First and second time series data for analytes of concern for the 2023 MRSWMP monitoring during First Flush. The blue circles indicate the first time series, and the orange squares indicate the second time series. Las Palmas only had the first time series collected.

### Conclusion

Since 2006, the MRSWMP Monterey SEA program has utilized MBNMS' Dry Run and First Flush protocols to ascertain what concentrations of pollutants are found in both dry and wet weather storm drain flows that discharge into surface waters or the ocean. The outfall sites monitored as part of the MRSWMP program were selected as sites representative of water quality throughout a jurisdiction. For the 2023–2024 permit year, 13 outfall sites were monitored for Dry Run and First Flush in six jurisdictions: Monterey County, Seaside-Sand City, Monterey, Pacific Grove, and Carmel-by-the-Sea.

Outfall monitoring results provide city representatives and residents with information on the concentration of pollutants from their own streets and neighborhoods. Cities can use this information not only to satisfy permit requirements but also engage and inform residents on practical solutions for preventing water quality pollution in storm drains. While First Flush results due to higher loads typically indicate worst-case scenarios of water quality, results can provide insight into sub-watersheds within each jurisdiction that warrant further attention and investigation into pollutant sources. Source tracking within sub-watersheds is an important and useful tool for local jurisdictions. Using these results can help pinpoint problem watersheds to track down sources of pollutants before they reach receiving waters and MBNMS. Sub-watersheds with elevated orthophosphate, *E. coli*, *Enterococcus*, and surfactants are high on the list for watersheds needing further investigation into sources and possible mitigation through public education campaigns.

First Flush data is also useful for cities to track major storms and total rainfall impacted by climate change. Prior to 2016, First Flush generally occurred during the second half of October to the first half of November. Starting in 2017, each year was successively later for the First Flush, with 2020's First Flush occurring mid-December. However, this year's First Flush occurred in mid-November. In the uncertain climate future, storms are predicted to become less frequent but stronger with heavier rainfall which may impact First Flush results as watersheds get a greater dousing that creates more flow through the storm drain system. Resident engagement will become essential in preparing for First Flush by removing outside oil or paint cans, trash, pet waste, or other debris that can get picked up by strong rainwater flows and enter the storm drain system and MBNMS.

Through coordinated and collaborative efforts, water quality within the MRSWMP region can improve for the benefit of residents on the land and in the ocean.

# Existing Content/Layout

## Appendix B: Results by Analyte (listed alphabetically)

Red highlight indicates that the water quality criteria was exceeded for the given analyte.

ND - Non-detect

NA - Not available

NF - No flow, no sample collected

EM - Equipment malfunction that impeded sample collection

## Dry Run

Run	Date	Sample Time/Time Visited	Jurisdiction	Site ID	Site Name	Analyte	Result	WQO	Units
Dry Run	9/15/23	12:40	Carmel	307-CASD-02	Ocean Avenue	Ammonia	NF	50	mg-N/L
Dry Run	9/15/23	12:55	Carmel	307-CASD-01	4th Avenue	Ammonia	ND	50	mg-N/L
Dry Run	9/15/23	14:20	Monterey County	309-SASD-02	Las Palmas	Ammonia	NF	50	mg-N/L
Dry Run	9/15/23	15:12	Monterey County	309-SASD-01	Boronda	Ammonia	NF	50	mg-N/L
Dry Run	9/16/23	9:25	Monterey/U.S. Army Presidio of Monterey	309-MSD-03	Twins	Ammonia	0.16	50	mg-N/L
Dry Run	9/16/23	9:45	Pacific Grove	309-CENTR-31	Greenwood Park	Ammonia	0.18	50	mg-N/L
Dry Run	9/16/23	10:10	Monterey	309-MSD-04	San Carlos	Ammonia	NF	50	mg-N/L
Dry Run	9/16/23	10:10	Monterey	309-MSD-05	Steinbeck	Ammonia	NF	50	mg-N/L
Dry Run	9/16/23	10:20	Pacific Grove	309-PGSD-01	8th Street	Ammonia	0.21	50	mg-N/L
Dry Run	9/16/23	10:28	Seaside/Sand City	309-SSD-02	Bay Street	Ammonia	NF	50	mg-N/L
Dry Run	9/16/23	10:30	Pacific Grove	309-PGSD-15	Sea Palm	Ammonia	ND	50	mg-N/L
Dry Run	9/16/23	11:00	Pacific Grove	309-PGSD-03	Lover's Point	Ammonia	ND	50	mg-N/L

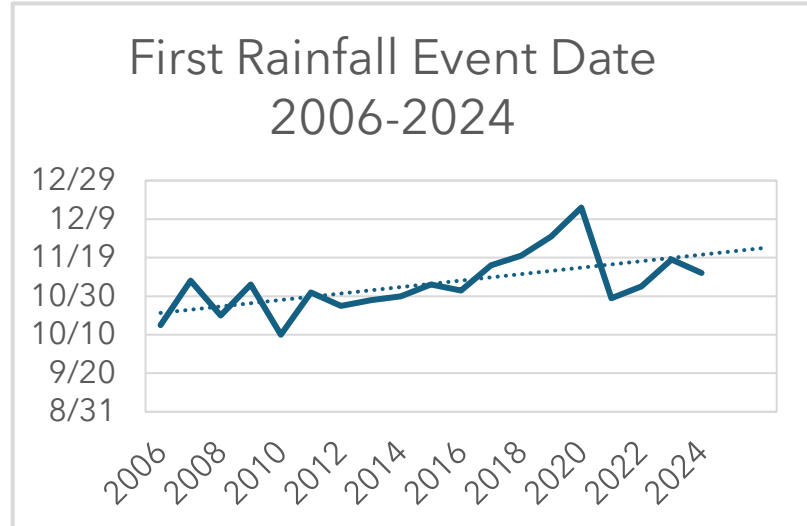
## First Flush

Run	Date	Sample Time/Time Visited	Jurisdiction	Site ID	Site Name	Analyte	Result	WQO	Units
First Flush	11/18/23	5:25	Pacific Grove	309-PGSD-01	8th Street	Ammonia	0.19	50	mg-N/L
First Flush	11/18/23	5:28	Monterey	309-MSD-04	San Carlos	Ammonia	0.29	50	mg-N/L
First Flush	11/18/23	5:31	Seaside/Sand City	309-SSD-02	Bay Street	Ammonia	0.54	50	mg-N/L
First Flush	11/18/23	5:33	Carmel	307-CASD-02	Ocean Avenue	Ammonia	0.38	50	mg-N/L
First Flush	11/18/23	5:35	Pacific Grove	309-CENTR-31	Greenwood Park	Ammonia	0.46	50	mg-N/L
First Flush	11/18/23	5:52	Monterey	309-MSD-05	Steinbeck	Ammonia	0.43	50	mg-N/L
First Flush	11/18/23	5:54	Carmel	307-CASD-01	4th Avenue	Ammonia	0.36	50	mg-N/L
First Flush	11/18/23	5:55	Monterey/U.S. Army Presidio of Monterey	309-MSD-03	Twins	Ammonia	0.45	50	mg-N/L
First Flush	11/18/23	5:56	Pacific Grove	309-PGSD-01	8th Street	Ammonia	0.35	50	mg-N/L
First Flush	11/18/23	5:58	Monterey	309-MSD-04	San Carlos	Ammonia	0.27	50	mg-N/L
First Flush	11/18/23	6:04	Seaside/Sand City	309-SSD-02	Bay Street	Ammonia	0.56	50	mg-N/L
First Flush	11/18/23	6:05	Pacific Grove	309-CENTR-31	Greenwood Park	Ammonia	0.27	50	mg-N/L
First Flush	11/18/23	6:14	Carmel	307-CASD-02	Ocean Avenue	Ammonia	0.66	50	mg-N/L
First Flush	11/18/23	6:14	Monterey County	309-SASD-02	Las Palmas	Ammonia	0.15	50	mg-N/L
First Flush	11/18/23	6:17	Pacific Grove	309-PGSD-15	Sea Palm	Ammonia	0.25	50	mg-N/L
First Flush	11/18/23	6:22	Pacific Grove	309-PGSD-04	Pico	Ammonia	0.16	50	mg-N/L

# Proposed Changes

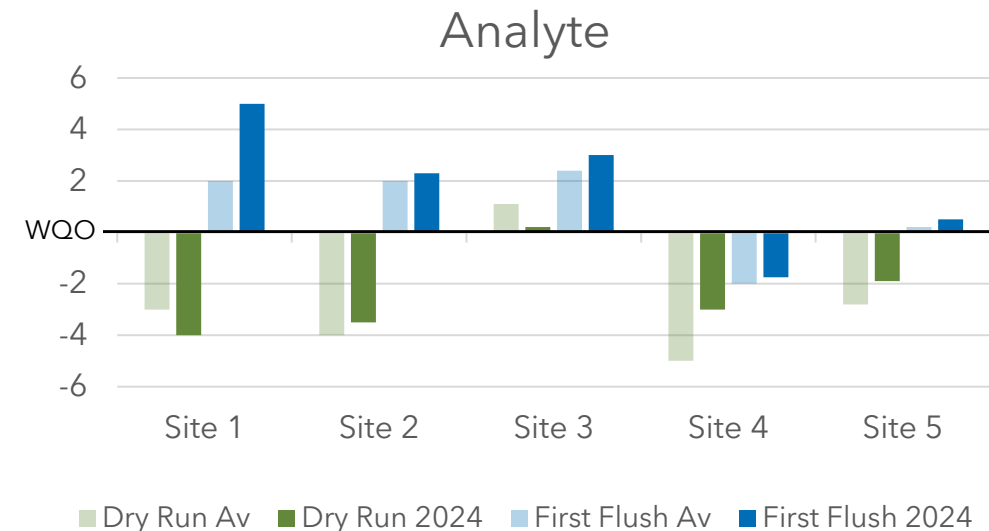
## Introduction:

- Add a chart displaying dates of First Flush events



## Priority Content for Summaries

- Narratives?
- Graphs?  
Reco: clustered bar charts



# Proposed Changes

## Results by Jurisdiction:

- Color-coded report card for sites & analyte NO FLOW, PASS, FAIL
- Summary of historic trends
- Location-specific potential pollution sources
- Permittee-specific recos on investigation, mitigation, outreach

## Conclusion:

- Explanation of potential sources of WQO exceedances
- Suggestions for future investigation
- Description of potential solutions/mitigation
- Highlight successes, areas of significant concern

# Proposed Changes

## Tables, Graphs:

- Combine Dry Run & First Flush data
- Simplify columns (i.e. remove site ID, sample time?)
- Color-code for all values (NF, pass, fail)

Existing									
Dry Run	9/16/23	9:25	Monterey/U.S. Army Presidio of Monterey	309-MSD-03	Twins	Enterococcus	991	104	MPN/100mL
First Flush	11/18/23	5:55	Monterey/U.S. Army Presidio of Monterey	309-MSD-03	Twins	Enterococcus	48392	104	MPN/100mL

Proposed							
Site Name	Jurisdiction	Run	Date	Result	Units	WQO	
Twins	Monterey/U.S. Army Presidio of Monterey	DR	9/16/2023	991	MPN/100mL	104	
		FF	11/18/2023	48392	MPN/100mL	104	
Sea Palm	Pacific Grove	DR	9/16/2023	73	MPN/100mL	104	
		FF	11/18/2023	31690	MPN/100mL	104	

## Appendix B: Results by Analyte

Red highlight indicates that the water quality criteria was exceeded for the given analyte.

ND - Non-detect

NA - Not available

NF - No flow, no sample collected

EM - Equipment malfunction that impeded sample collection

Ammonia  
WQO = 50

Run	Date	Sample Time/Time Visited	Jurisdiction	Site ID	Site Name	Analyte	Result	WQO	Units
Dry Run	9/15/23	12:40	Carmel	307-CASD-02	Ocean Avenue	Ammonia	NF	50	mg-N/L
Dry Run	9/15/23	12:55	Carmel	307-CASD-01	4th Avenue	Ammonia	ND	50	mg-N/L
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Dry Run	9/16/23	10:10	Monterey	309-MSD-04	San Carlos	Ammonia	NF	50	mg-N/L
Dry Run	9/16/23	10:10	Monterey	309-MSD-05	Steinbeck	Ammonia	NF	50	mg-N/L
Dry Run	9/16/23	10:20	Pacific Grove	309-PGSD-01	8th Street	Ammonia	0.21	50	mg-N/L
Dry Run	9/16/23	10:28	Seaside/Sand City	309-SSD-02	Bay Street	Ammonia	NF	50	mg-N/L
Dry Run	9/16/23	10:30	Pacific Grove	309-PGSD-15	Sea Palm	Ammonia	ND	50	mg-N/L
Dry Run	9/16/23	11:00	Pacific Grove	309-PGSD-03	Lover's Point	Ammonia	ND	50	mg-N/L

# Jurisdiction-Specific Stormwater Briefings

## Stormwater Capture and Reuse in Monterey: A Sustainable Approach to Water Management

BY ENGINEERING PROJECT MANAGER KEVIN ANDERSON

The City of Monterey is leading the way in sustainable water management with innovative strategies for stormwater capture and reuse. As climate change continues to impact water resources, the city has implemented best management practices (BMPs) to improve water quality, reduce flooding, and protect the environment. Key BMPs include **bioretention** and **biofiltration**, both of which treat and capture stormwater runoff.

### Bioretention Systems: Managing Stormwater and Recharging Groundwater

Monterey utilizes bioretention systems, which use vegetation, soil, and microorganisms to treat stormwater. Notable examples include basketball courts at Breakwater Cove Marina and Waterfront and Marina parking lots. These basins help slow the flow of stormwater, allowing it to be absorbed into the ground, recharging groundwater and filtering pollutants. These systems are critical for managing storm water runoff and maintaining local water quality.

### Biofiltration: Tree Filters and Green Infrastructure

Another essential BMP in Monterey is biofiltration, which uses soil and plant-based systems to filter and treat stormwater. This includes tree filters, where stormwater is directed through soil and gravel around tree bases, naturally filtering the water. Biofiltration can be seen at locations like the Monterey Conference Center, Van Buren Street, Hawthorne Street, and CR7 parking lot, where stormwater is cleaned before reaching storm drains. These green solutions not only manage stormwater but also enhance urban spaces with trees that provide shade and improve air quality.

### Building a Resilient Future

By integrating bioretention and biofiltration systems, Monterey is enhancing water conservation, reducing flooding, and protecting local ecosystems. These efforts ensure a more resilient, sustainable future for the city and its residents.

*Photos: Four examples of bio-retention systems constructed in Monterey.*



## SEA-BUTTS, SEA OTTERS, AND PROTECTING THE MONTEREY BAY

What are SEA-butts? Cigarette butts thrown in on our streets, tossed in our storm drains, and dropped on our beaches that eventually make their way to the sea. Protect Monterey Bay, our precious sea otter population and other sea life by disposing of cigarette butts in designated receptacles and trash cans. Learn more about how you can protect the natural beauty and wonder of the Monterey Bay at <https://montereysea.org/>.

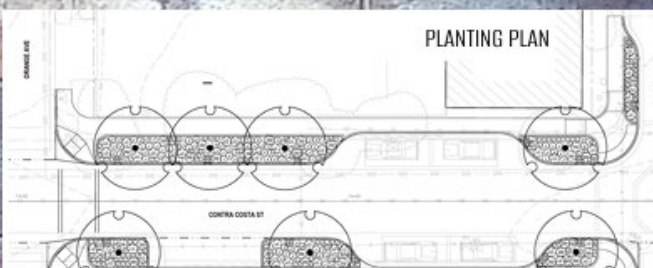
KEEP BUTTS OFF STREETS AND BEACHES  
AND OUT OF STORM DRAINS



## CONTRA COSTA STREET AND CATALINA STREET STORMWATER IMPROVEMENT PROJECT

The project will rehabilitate and construct new street pavement, curb, gutter, sidewalk, and incorporate low-impact development (LID) improvements including bioretention facilities, permeable pavement, new storm drain

inlets, pipes, and infiltration chambers. The project will greatly enhance the street corridor with new green spaces and improve walkability. The project plans and construction documents are almost complete with bidding and construction anticipated this summer.





## City Administrator Friday Letter

May 9, 2025

### Clean Drains

In preparation for the summer tourist season, the City cleans our CDS units and blocks the storm drains from emptying to the beach – this ensures that if there is an accidental spill into the storm drain during dry season our beach visitors and coastal inhabitants will stay safe from contamination.



# THE ACORN

*Published by the City of Del Rey Oaks*  
650 Canyon Del Rey Blvd. | Del Rey Oaks, CA 93940  
(831) 394-8511

2025 SPRING EDITION



## MONTEREY SEA

Stormwater Education Alliance

Carmel-by-the-Sea • County of Monterey • Del Rey Oaks  
Monterey • Pacific Grove • Sand City • Seaside

**FOR IMMEDIATE RELEASE**

### Love Your Storm Drains & Protect Monterey Bay!

**Monterey, CA, April 22, 2025:**

In honor of Earth Month, the Monterey Stormwater Education Alliance (Monterey SEA) encourages residents and visitors to take action to protect Monterey Bay by understanding the critical role of storm drains in our community and how our actions contribute to the health of the environment.

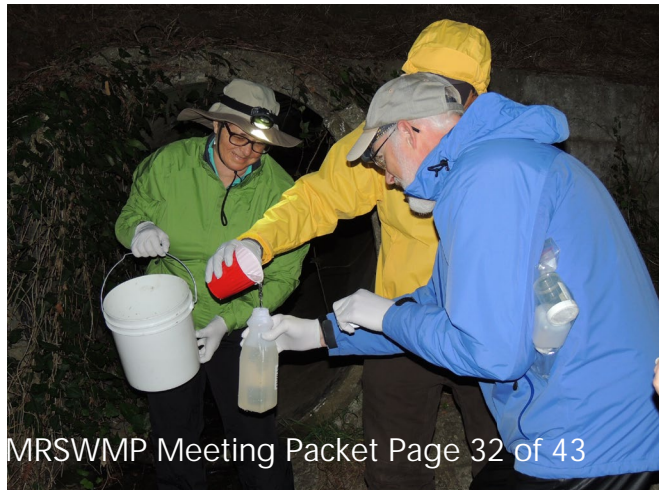
Monterey Bay Begins on Your Street – water runoff that enters storm drains flows mostly untreated to local waterways. Pollutants that can flow into local creeks, rivers, and ultimately the Monterey Bay National Marine Sanctuary include:

- Plastic litter
- Cigarette butts
- Motor oil
- Soap and grime from washing vehicles on the street
- Pet waste
- Pesticides

This highlights the urgent need for collective responsibility in safeguarding our waters.

As part of this initiative, the Monterey SEA team actively has been marking storm drains with eye-catching emblems featuring a leaping dolphin and the message, “No Dumping - Flows to Bay,” in both English and Spanish. Spearheaded by Save the Whales, this outreach effort mobilizes CSUMB students and community volunteers, marking over 3,000 storm drains since its inception.

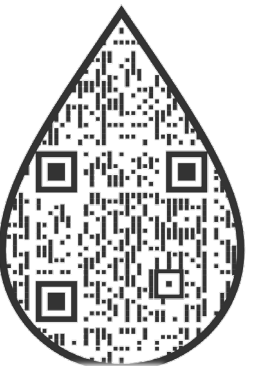
# Annual Ocean Outfall Monitoring



Dry Run & First Flush



Volunteer!





## MONTEREY SEA

Stormwater Education Alliance

Carmel-by-the-Sea • County of Monterey • Del Rey Oaks  
Monterey • Pacific Grove • Sand City • Seaside

## 2025 Calendar

### Management Committee Meetings

Committee Meeting Date (4th Wed @ 09:30)	Staff Review Agenda w/Chair and Vice Chair	Agenda Packet Publish Date
<b>2025*</b>		
<b>January 22, 2025</b> <i>Election of Chair and Vice Chair</i>	January 8, 2025	January 17, 2025
<b>February 26, 2025</b> <i>Begin budget analysis for FY 25-26</i>	February 12, 2025	February 21, 2025
<b>March 26, 2025</b> <i>Draft budget consideration by committee</i>	March 12, 2025	March 21, 2025
<b>April 23, 2025</b> <i>Target budget approval by committee</i>	April 9, 2025	April 18, 2025
<b>May 28, 2025</b> <i>Deadline to submit MRSWMP budget to Monterey One Water</i>	May 14, 2025	May 23, 2025
<b>June 25, 2025</b> <i>Target Program Administrator evaluations</i>	June 11, 2025	June 20, 2025
<b>July 23, 2025</b>	July 9, 2025	July 18, 2025
<b>August 27, 2025</b>	August 13, 2025	August 22, 2025
<b>September 24, 2025</b>	September 10, 2025	September 19, 2025
<b>October 22, 2025</b>	October 8, 2025	October 17, 2025
<b>November 26, 2025</b>	<b>CANCELLED</b>	
<b>December 10, 2025</b> <b>RESCHEDULED</b>	November 26, 2025	December 5, 2025

#### \*NOTES:

2025 Staff Review dates with Chair and Vice Chair are estimates  
TBD by new leadership  
Nov and Dec meetings conflict with staff holidays

### Member Training Schedule

	Date	Trainer
<b>2024</b>		
<b>Quarter 3</b>	September 23, 2024	Milam
Topic	Flow chart on CGPs and PCRs	
<b>Quarter 4</b>	November 14, 2024	Grogan
Topic	Construction BMPs	
<b>2025</b>		
<b>Quarter 1</b>	February 10, 2025	Patsch,
Topic	Drywell Maintenance	Pacheco
<b>Quarter 2</b>	April 8, 2025	Webinar
Topic	PCR Compliance & Evaluation (Video)	
<b>Quarter 3</b>	September 25, 2025	Verux
Topic	Construction Site BMPs	
<b>Quarter 4</b>	November 15, 2025	
Topic	Landscape Design & Maintenance (Video)	

### Other Important Dates

March 15, 2025	Monterey Cutting Day & Horticulture Faire
April 6, 2025	CA Wildlife Day
April 12-13, 2025	Whalefest Monterey
April 26, 2025	Carmel Earth & Arbor Day
April 26, 2025	Del Rey Oaks Earth Day
April 27, 2025	Seaside Earth Day
TBD - July	Marine Sanctuary Snapshot Day
August 1, 2025	Begin volunteer recruitment for First Flush
Sept 15-17, 2025	CASQA Conference
September 20, 2025	Coastal Cleanup Day
Sept 22-26, 2025	Storm Water Awareness Week
October 15, 2025	Annual Reports due

Monterey Regional Stormwater Management Program (MRSWMP) Committee  
Informational Memo

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**TO: MRSWMP Committee Members**

**FROM: Michelle Bumgardner & Erica Parker, MRSWMP Program Administrator Support Staff**

**DATE: May 23, 2025**

**SUBJECT: Snapshot Day Monitoring Event**

### **Background**

Given the California Marine Sanctuary Foundation's (CMSF's) recent staffing changes, MRSWMP Program Administrator Support Staff have been researching National Pollutant Discharge Elimination System (NPDES) Phase 2 Municipal Separate Storm Sewer System (MS4) permit requirements related to Snapshot Day, a monitoring event historically conducted in May each year. At this time, the tentative date for the rescheduled Snapshot Day is 07/12/2025.

NPDES permit requirements include:

- Monetary contribution to Snapshot Day
- Publicity for Snapshot Day - may already be met as flyer was distributed publicly

### **Discussion**

Support Staff reached out to Leah Lemoine with the Regional Water Board and received feedback from her on reporting Snapshot Day activities through the MS4 Annual Reports. She expressed appreciation for the advanced notice on the CMSF changes to this water quality sampling event and stated that an explanation as to the circumstances surrounding the delay should be sufficient to meet the permit requirements. Ms. Lemoine explained that this should include the stipulation for a planned contribution for the rescheduled event in July, and it would be helpful to include the flyer distributed for the initial date, though not required.

Based on interest expressed by Management Committee (MC) members, Support Staff compiled data on the specifics for the 2025 monitoring locations, necessary equipment, and lab analyses for water samples. These are included in the tables below.

In communication with CMSF staff Pam Krone, Support Staff learned that they have hired a new Urban Water Quality Coordinator, Katie Siegler, who started on 05/15/2025. Ms. Krone suggests that sampling of the four sites within MRSWMP's jurisdiction would be an excellent opportunity to introduce Ms. Siegler to Committee Members and for her to become acquainted with Snapshot Day monitoring protocols.

Support Staff confirmed that, should the MC elect to take this approach, sampling kits will be provided by and delivered to the lab for processing by CMSF employees. This would alter the financial contribution by MRSWMP within the current fiscal year (FY), from the planned ~\$1,000 to lab fees only at ~\$380.

## MRSWMP Snapshot Day Sites

Site	Description	Jurisdiction	Latitude	Longitude
309-MAJOR-31	Majors Creek lower	Monterey City	36.5925165°	-121.8924432°
309-LIBRA-31	Library/Hartnell Gulch	Monterey City	36.5959575°	-121.8971497°
309-CENTR-31	Greenwood Park	Pacific Grove	36.6215588°	-121.9142397°
309-ASILO-31	Asilomar State Park	Pacific Grove	36.6170534°	-121.938896°

## Snapshot Day Supplies Included in CMSF Kits

Measuring Equipment	Other Supplies
Digital thermometer	5-gallon bucket
CHEMets dissolved oxygen kit	Gloves
Oakton conductivity meter	Paper towels
Machery-Nagel non-bleeding pH strips	Trash bags
Transparency tube	Pencils
Distilled water	Clipboard with data sheets
Sample bottles	Field and instrument instructions

## Snapshot Day Measurements

### Lab Analytes

E. coli  
Nitrate as N  
Orthophosphate as P

### Field Measurements

Air temperature  
Water temperature  
Dissolved oxygen  
Conductivity  
pH  
Transparency

## CMSF FY 2025-2026 Snapshot Day Plans

Support Staff clarified that CMSF plans to conduct two Snapshot Day monitoring events during FY 2025-2026 – July 2025 and May 2026. If MRSWMP Members are interested in participating in and contributing to both, this would increase the FY 2025-2026 expenditure from ~\$1,000 to ~\$2,000. CMSF representatives also offered to invoice MRSWMP for July 2025 Snapshot Day in advance so it would fall within this permit year.

## Snapshot Day Alternatives Under Consideration for FY 2024-2025

1. MRSWMP and CMSF conduct water quality sampling at the four sites within MRSWMP boundaries. Individual permittees analyze sample results, create narratives as needed, and share with MC where applicable.  
MRSWMP cost ≈ \$380
2. MRSWMP individual permittees independently conduct monitoring event sampling for sites within their jurisdiction, within the current FY. Individual permittees analyze sample results, create narratives as needed, and share with MC where applicable.  
MRSWMP cost = \$0

3. PE/PO Coordinator organizes volunteers, leads training and sampling, ensures lab processing of samples, and prepares a summary report, within the current FY.  
MRSWMP cost - unknown
4. Take no action.

**FY 2025-2026 Snapshot Day Events: Contribution Options**

1. MRSWMP contributes ~\$1,000 for a single Snapshot Day monitoring event.
2. MRSWMP contributes a total of ~\$2,000 for both monitoring events in FY 2025-2026.
3. CMSF invoices MRSWMP for July 2025 event during the current FY and May 2026 in the next FY, maintaining previous contribution levels for both FYs.

## Attachment 8

# Monterey Regional Stormwater Management Program (MRSWMP) Committee Informational Memo

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**TO: MRSWMP Management Committee Members**

**FROM: Erica Parker & Michelle Bumgardner, MRSWMP Program Administrator Support Staff**

**DATE: May 21, 2025**

**SUBJECT: Public Education/Outreach Final Reports Preparation**

### BACKGROUND

MRSWMP contracts with an outside vendor to provide public education and outreach (PE/PO) services for stormwater permit requirements, including two Annual Reports that summarize Program accomplishments during the permit year. Program activities are performed up until June 30<sup>th</sup>; historically, the composition of the E.7 & E.8 Annual Reports has occurred outside the permit year in which activities were conducted.

With the Management Committee's (MC's) selection of Environmental Innovations as the PE/PO contactor for fiscal year (FY) 2025-2026, the preparation of these Reports needs to be handled in a manner different from previous permit years. The existing PE/PO contract with Save the Whales (STW) terminates on June 30, 2025, and past permit years have seen invoices for PE/PO Annual Report production submitted under the subsequent FY's budget cycle and contract.

### DISCUSSION

On April 23, 2025, the MC approved the FY 2025-2026 MRSWMP budget, with \$9,240 designated for Contingency expenditures – those not already identified by existing line-items. These funds may be spent on stormwater permit compliance activities as directed by the MC.

The Scope of Work for STW's FY 2024-2025 contract specifies 30 hours for the tabulation of student, public, and intercept survey responses. To date, MRSWMP has received invoices for 25.75 hours of STW staff time, with hourly rates between \$17 to \$35, for pre/post survey analyses in FY 2024-2025.

STW proposes a contract extension for the first week of July 2025 and 80 hours of staff time at an hourly rate of \$90. The line-item breakdown of E.7/E.8 Annual Report activities is included below.

#### Save the Whales Proposal

STW E.7 and E.8 contract extension for the first week of July.

Task	Hours
Finish E.8	10
Synthesize pre/post student surveys for grades 4-12	25
Synthesize Community Based Social Marketing surveys	20
Compile media data - impressions, reach, etc.	8
Write E.7 report	17
<b>Total</b>	<b>80</b>
<b>Cost</b>	<b>\$7,200</b>

Support staff analyzed available data and past content of the PE/PO Annual Reports; they are confident that they can prepare the E.8 Annual Report with nominal contractor coordination during the current FY and within existing budgeted staff hours. Specifics of this proposal are as follows.

## Program Administrator Proposal

Task	Est STW Hours
<i>M1W staff to write E.8</i>	0
Synthesize pre/post student surveys for grades 4-12	20
Synthesize the CBSM surveys	20
<i>M1W staff to gather media data</i>	0
Write the final report	15
<b>Total</b>	55
<b>Cost</b>	\$ 5,000 cap

## ALTERNATIVES UNDER CONSIDERATION

1. Extend STW contract, as proposed, through July 8, 2025, for 80 hours of STW staff time at \$90/hour, totaling \$7,200.
2. Approve Program Administrator proposal for a STW contract extension through July 8, 2025, for no more than \$5,000, for ~55 hours of STW staff time at \$90/hour, and Support Staff will complete the E.8 Annual Report and compile social media growth/reach data.
3. Do not approve a STW contract extension – Support Staff will coordinate data conveyance from STW within FY 2024-2025 and prepare E.7/E.8 Annual Reports.

Support Staff recommend approval of a time-and-materials contract extension as specified in Option 2, to ensure the presentation of PE/PO Annual Reports to the MC in a timely manner.



## State Water Resources Control Board

May 20, 2025

To: Small Municipal Separate Storm Sewer System (MS4) Permittees

### REMINDER OF TRASH PROVISIONS COMPLIANCE DEADLINE

The [Trash Provisions](#) were adopted by the State Water Resources Control Board on April 7, 2015, and subsequently became effective on December 2, 2015. The Trash Provisions establish narrative water quality objectives for trash, provide implementation requirements for stormwater permittees and other dischargers, and set a time schedule for compliance. The deadline for existing Permittees to comply with the Trash Provisions is December 2, 2030. Existing Permittees were advised of this deadline on June 1, 2017, through Water Code Section 13383 Orders that required Permittees to submit to the State Water Board a letter identifying the method selected to comply with the Trash Provisions.

Although the Small MS4 permit under which Phase II MS4 Permittees are currently regulated has not yet been updated to include Trash Provisions requirements, the December 2, 2030, deadline is mandatory and will be addressed through a future permit to align the small MS4 permit with this deadline. Phase II MS4 Permittees are strongly encouraged to proceed with trash compliance activities as soon as possible to ensure full compliance by December 2, 2030. Violations of permit conditions may result in enforcement actions once a permit incorporating the requirements of the Trash Provisions, including the December 2, 2030 deadline, is adopted and effective.

Newly designated Permittees under the next or subsequent reissuances of the Phase II MS4 permit will have a period not exceeding 10 years from the effective date of their designation for full compliance.

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E. JOAQUIN ESQUIVEL, CHAIR | ERIC OPPENHEIMER, EXECUTIVE DIRECTOR

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1001 I Street, Sacramento, CA 95814 | Mailing Address: P.O. Box 100, Sacramento, CA 95812-0100 | [www.waterboards.ca.gov](http://www.waterboards.ca.gov)

If you have any questions regarding this notification, please contact us by e-mail at [stormwater@waterboards.ca.gov](mailto:stormwater@waterboards.ca.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "P. Crader". The signature is fluid and cursive, with a large initial "P" and a stylized "Crader".

Phillip Crader, Deputy Director  
State Water Resources Board  
Division of Water Quality

Monterey Regional Stormwater Management Program (MRSWMP) Committee  
Informational Memo

---

**TO: MRSWMP Management Committee Members**  
**FROM: Erica Parker, MRSWMP Program Administrator Support Staff**  
**DATE: May 21, 2025**  
**SUBJECT: Summary of CASQA Funding Seminar 4/17/2025**

**Background**

CASQA provides resources and advocacy for stormwater management programs, including a seminar series. On 4/17/2025, the seminar focused on stormwater funding mechanisms.

**Discussion**

Presenters spoke to three different funding sources available for stormwater projects: Sewer Overflow and Stormwater Reuse Municipal Grant (OSG) program, Clean Water State Revolving Fund (CWSRF), and Proposition 4 (2024). They reiterated the importance of presenting multi-benefit projects to expand eligibility for grant funds.

**OSG**

Funding for the OSG program comes from the federal Environmental Protection Agency (EPA), and the State Water Resources Control Board (SWRCB) submits a list of projects to the EPA. An EPA memo on FY 2024 appropriations for OSG states the following:

Regions should obligate funds under interagency agreements or direct grants to state entities by September 30, 2025 [or risk reallocation of funds].

Non-federal cost share requirements do not apply to portions of a grant that support financially distressed communities or communities with a population of 10,000 or less.

Once allocated by the EPA, states make subawards for planning, design, and construction of:

- Treatment works to intercept, transport, control, treat, or reuse municipal combined sewer overflows, sanitary sewer overflows, or stormwater
- Any other measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water; this includes ongoing overflow or stormwater work
- Can support Environmental Justice initiatives
- May be paired with a CWSRF project

Disadvantaged Communities (DACs) may receive up to 100% of eligible project costs through OSG, and non-DACs applicants must provide matching funds. DACs can be added to the fundable list during quarterly updates while non-DACs added during the next adoption of the CWSRF Intended Use Plan (IUP). The application from SWRCB has been submitted for FY 2025.

In 2024, \$4.3 million was available to California through OSG, and an estimated \$4.3 million will be allocated in 2025. The SWRCB often is in search of applicants and projects to include on the list to the EPA, and the funding secured for California can be used for projects on this list and those identified/discussed in the IUP.

## CWSRF

Low interest loans are available for water quality projects, and certain projects may be eligible for principal forgiveness.

- The application for funding from both OSG and CWSRF is continuous and available through FFAST (<https://faast.waterboards.ca.gov/>). To receive a final agreement, environmental documents must be complete, and a financial package is required for principle forgiveness and OSG projects.

## Proposition 4

Through Prop 4, \$101.5 million is identified for urban stormwater projects. The funding allocation starts in FY 26-27, with guidelines slated to be released in early 2026. The funding allocation will be a multi-year process, with ¼ anticipated to be allocated in the first year of the program. In the first year, there will be limited funding for stormwater-related projects. A Request for Proposals will be issued in Spring 2026, and proposals will be screened to ensure projects can be completed within the bond timeframe.

Many different funding categories are included in Prop 4 for climate resilience, urban water conservation, dam safety, and more. Grantees have the ability to receive 25% of the sum awarded as advance payment for timely project initiation. Indirect costs are eligible for funding, and there are no cost-share requirements for stormwater projects.

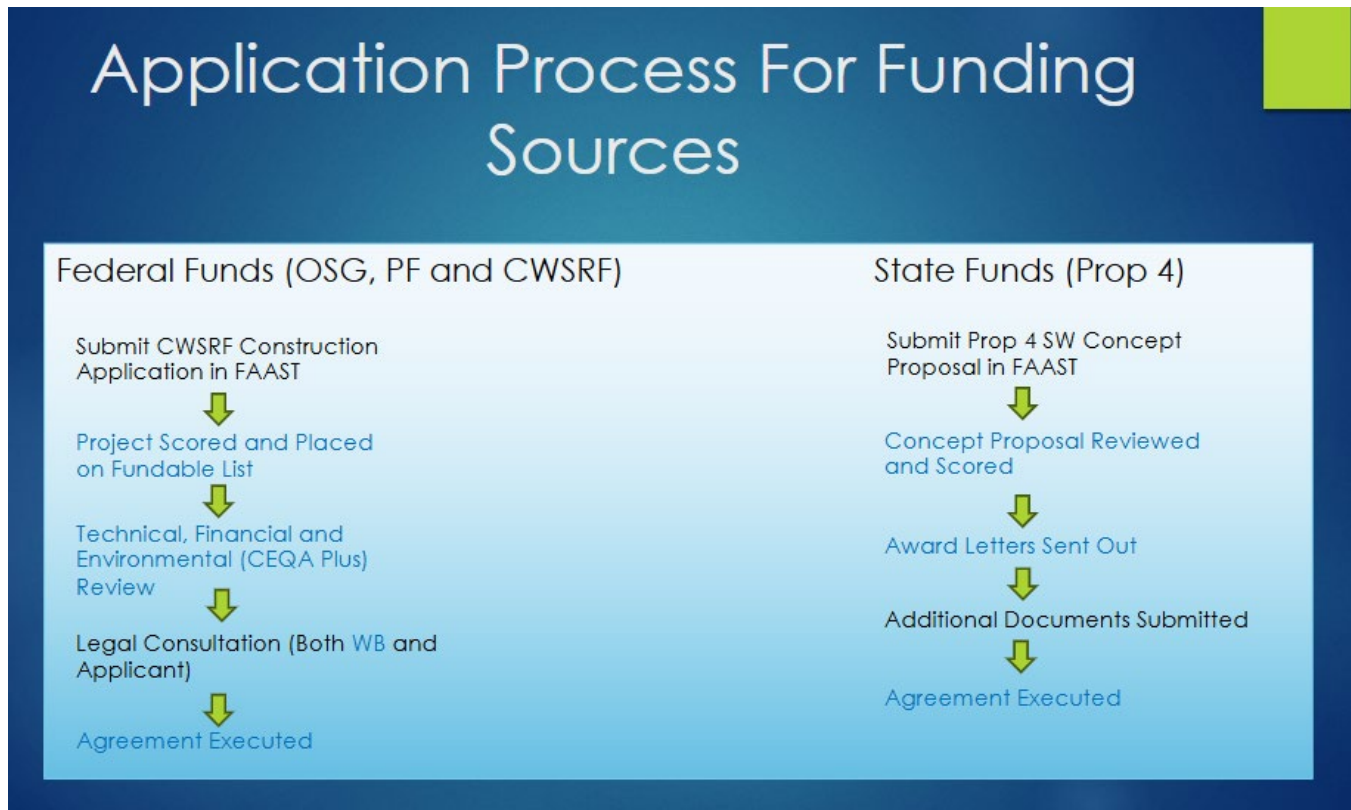
- General Requirements (Ch 1)
  - Eligible applicants are public agencies, local agencies, non-profit organizations, special districts, JPAs, tribes, public utilities, or mutual water companies.
  - 40% of the funds must be granted to DACs and 10% to Severely Disadvantaged Communities.
  - Up to 10% of a grant award is allowed for Technical Assistance.
  - The CEQA process is not required to be completed prior to execution of an agreement.
  - Funds can be used for planning.

- Stormwater Fund Requirements (Ch 2 Section 91023)

The SWRCB updated their list of reviewed Storm Water Resource Plans (SWRPs) on 4/11/2025. An applicant's SWRP must be included on this list to be eligible for funds.

- Emphasis placed on Multiple Benefit Urban Stormwater Projects.
- Priority established for addressing flooding in urbanized areas.
- Examples of eligible projects:
  - Stormwater capture and reuse
  - Planning and implementation of low impact development
  - Restoration of urban streams and watersheds
  - Debris flow mitigation and increasing of permeable surfaces

## Flow Chart for OSG, CWSRF, & Prop 4 Applications



### Next Steps

There is a budget trailer bill before the CA Legislature that would specify Prop 4 funding guidelines can be used to inform grant allocations, in lieu of regulations. Support Staff will research this and track any progress made.

It has been stated that entities cannot use Prop 4 funds for environmental compliance regulations, raising questions about the eligibility of municipal small separate sewer systems permit-related activities. Support Staff will monitor discussions through CASQA and report on any further guidance that becomes available on this question.

Support Staff subscribed to email notifications through the SWRCB on numerous funding-related topics. As relevant opportunities come forth or updates are available, they will share information with MRSWMP Member Entities.