

NOTICE AND AGENDA

**MANAGEMENT COMMITTEE for the
MONTEREY REGIONAL STORMWATER
MANAGEMENT PROGRAM**

DATE: August 28, 2024
TIME: 9:30 a.m.
LOCATION: Monterey One Water Conference Room, 5 Harris Court, Building D, Monterey

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=ND0mMwkBn6w8F8Xh5iwpEbAWgGvTVH.1>
or copy and paste the link into your browser. If your computer does not have audio, you will
also 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 also submit your comments by e-mailing them to montereysea@my1water.org with one of the following subject lines "PUBLIC COMMENT ITEM #" (insert the item number relevant to your comment) or "PUBLIC COMMENT 0 NON-AGENDA ITEM". Comments must be received by 12:00 p.m. on Tuesday, August 27, 2024. All submitted comments will be provided to the Committee and may be read into the record and will be compiled as part of the record.

Officers: Chairperson: Leon Gomez, City of Sand City
Vice-Chairperson: Ron Fucci, City of Del Rey Oaks

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

<u>AGENDA ITEMS</u>	<u>Page #</u>
1. Call to Order / Roll Call	n/a
2. Public Comments	n/a
3. Approve Management Committee Meeting Minutes for 7/24/24	(Attach. 1) 3

INFORMATION AND DISCUSSION ITEMS

4. Presentation by Lindsay Brown, California Marine Sanctuary Foundation & Monterey Bay National Marine Sanctuary, Water Quality Program Coordinator First Flush Monitoring Results and Surfactant Study Overview	(Attach. 2) 8
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5. Update on PE/PO Program	(Attach. 3)	32
a. School Presentations		n/a
b. Public Events		n/a
c. TV Ads		n/a
d. Turbidity Water Quality Flyer (English & Spanish)	(Attach. 4 & 5)	40 & 41
6. PCR Subcommittee Updates		n/a
a. Review of MRSWMP 2NFORM Training – August 14, 2024		n/a
b. PCR Training “Flow Chart” – Tentative Date - September 23, Hybrid Meeting (Attach. 6)		42

ADMINISTRATIVE REPORTS

7. Informational Items		
a. CASQA Conference – Oct. 21-23 – Sacramento Convention Center – Early Bird Registration closes Sept. 9th		n/a
b. Construction BMP Training – Tentative Date – Sept. 25, 11:30 a.m. to 1:00 p.m. Oldemeyer Center, Seaside, CA		n/a
c. Sample Stormwater Awareness Week Resolution -	(Attach. 7)	45
d. Staff Memo – Drywell Training Presentation Update	(Attach. 8)	46
e. Draft Permit Guidelines Link – 397 pages Informal Draft Small MS4 Permit (ca.gov)		n/a
8. Program Administrator Update		n/a
a. Verbal Report on M1W/MRSWMP Position Vacancies		n/a
b. Annual Report Preparation – Due October 15, 2024 No New Questions to the Industrial General Permit Annual Report For the 2009 Construction General Permit there are no new questions. If a new Notice of Intent was submitted after September 1, 2023, there is a new Annual Report for the 2022 Construction General Permit. The Municipal Annual Report – No additional questions for the Phase II enrollees.		n/a
9. Management Committee Members		n/a

SCHEDULE NEXT MEETING / ADJOURNMENT

10. Schedule Next Meeting: The next MRSWMP Meeting date is tentatively scheduled for Wednesday, September 25, 2024, at 9:30 a.m.		n/a
11. Meeting Adjournment		n/a

Monterey Regional Stormwater Management Program

Management Committee

MEETING MINUTES

For July 24, 2024

AGENDA ITEMS

1. Call to Order / Roll-Call

Vice Chairperson Fucci (Del Rey Oaks) called the meeting to order at 9:30 a.m. and performed roll call.

Management Committee (MC) Members:

City of Carmel – Mary Bilse
City of Del Rey Oaks – Ron Fucci
City of Monterey – Kevin Anderson
Andrew Easterling
City of Pacific Grove – George Fuerst
(arrived at 9:32 a.m.)
City of Sand City – Leon Gomez
(arrived at 9:42 a.m.)
City of Seaside – Patrick Grogan
County of Monterey – Michael Trapani

Other:

Molly Woodson (PBC)
Maris Sidenstecker – PE/PO Coordinator
Michael McCullough – Monterey One Water
Alma Garcia – Monterey One Water

Other Virtual:

Billy Duran Thomas (City of Seaside)
Nathaniel Milam (Whitson Engineers)
Alex Ramos (City of Soledad)

MRSWMP Staff:

None

2. Public Comments

Vice Chairperson Fucci called for public comment, none received.

3. Approve Management Committee Meeting Minutes for 6/26/2024.

- **Action:** On a motion by Grogan (*City of Seaside*), seconded by Trapani (*County of Monterey*), Management Committee approved the Management Committee Meeting Minutes for 6/26/2024.

INFORMATION AND DISCUSSION ITEMS

4. Presentation by Kevin Anderson, City of Monterey, Engineering Proj. Mgr. Enhancing Stormwater Management: Monterey's Utilization of 2NFORM for Modeling, Maintenance, Tracking and Reporting

Anderson provided the Committee with an informative presentation on the City of Monterey's utilization of 2NFORM for Modeling, Maintenance, Tracking and Reporting, and answered questions from committee members and the public. He highlighted the Future Plans with 2NFORM as follows:

- Illicit Discharge tracking
- Municipal Maintenance
- Post-Construction
- Construction
- Public Education & Outreach
- Enhanced Storm Water Foundation Template (ESWFT)

Anderson spoke to the following conclusions:

- 2NFORM provides GIS based modeling to demonstrate program compliance
- Annual assessments provide BMP effectiveness
- TELR estimates particulate and runoff reduction
- Provides a model to aid in decision making
- Many additional modules currently under-utilized
- Technical documentation found in help files
- Fast & friendly service

Chairperson Gomez took over chairing the meeting and called for public comment, none received.

5. Update on PE/PO Program

Sidenstecker updated the Committee with a presentation of the PE/PO Program which included:

- School presentation made to the YMCA Summer Camp in Moss Landing
- Seaside Emblems on July 20, 2024, including scoping other emblem areas
- No TV ads in July and is working with Telemundo on a partner report, as well as obtaining stats from KCBA and KION
- Waiting to hear back from Dale from Carmel Cares regarding possible partnering on cigarette butt media and pet waste
- July Wrap Up of Permit Year 11

Chairperson Gomez called for public comment, none received.

6. Copies of MBNMS Foam (Attach. 4) & Dry Run and First Flush Reports

- a. In Person Presentation will be scheduled for August
McCullough confirmed that Lindsay Brown will be at the meeting next month for in-person presentation.

Chairperson Gomez called for public comment, none received.

7. Update on Post-Construction Requirements Training Workshop

- i. MRSWMP 2NFORM Training – August 14, 2024, 11:00 a.m. to 1:00 p.m. Virtual
McCullough confirmed that the meeting will be a hybrid meeting and that any questions for 2NDNATURE can be sent directly to them in preparation for the August training.
- ii. PCR Compliant Designs Date TBD
McCullough stated that he sent an email asking for ideas on the PCR compliant designs to all committee members.

Chairperson Gomez noted that it may be time to re-engage the PCR subcommittee.

Nathaniel Milam from Whitson Engineers indicated that he would like to be part of the PCR subcommittee.

- iii. Drywell Training TBD (Presentation Preview - July 29th 10:00 – 11:00 a.m.)
McCullough explained that a presentation preview meeting is scheduled for next week and would then schedule a group meeting for everyone to participate virtually or in-person.

Chairperson Gomez called for public comment, none received.

ADMINISTRATIVE REPORTS

8. Program Administrator Update

- a. Verbal Update on New Accounting Department for MRSWMP
McCullough reported that the MRSWMP Committee now has their own account code (Dept. 21) which will make it easier to track all the line items including labor codes associated with this committee.
- b. Verbal Update on M1W/MRSWMP Position Vacancies

McCullough reported that interviews were conducted last week for the admin position and the Communication Specialist position. He stated that for the admin position an offer was made to a candidate and a tentative acceptance was received and are now waiting for paperwork to be finalized, with more information to follow. On the Communication Specialist Position, he indicated that there is follow-up that needs to be done and would update the Committee at the next meeting.

Chairperson Gomez called for public comment, none received.

9. Management Committee Members

- a. **City of Monterey** – Anderson reported that for the month of July has been focused on the BMP assessments for structural BMPs, with maintenance scheduled recurring work orders that initiate on August 1st and follow-up assessments in September. He added that training for illicit discharge and good housekeeping was held for 300 staff.
- b. **City of Seaside** – Grogan reported that there are some staffing changes coming up with the City Public Works Department that are not final yet and will be discussed next month. He inquired on the training for building inspectors and stated that he offered to give the training and that it was normally held during Stormwater Awareness Week. McCullough indicated that he is working on that to take place in September and that he would provide the date to the committee. Trapani added that the jurisdictions would formalize with a resolution.
- c. **Carmel** – Bilse reported that they did finish their illicit discharge training that was held in person and included the fire department.
- d. **City of Pacific Grove** – Fuerst reported that they are in the process of cleaning their diversion units and separators.
- e. **County of Monterey** – Trapani reported that the biggest focal point for July was related to the Gabilan Creek Watershed TMDL for turbidity and mapping the county roadside drainage ditches including clarifying the ownership and identifying a plant species.
- f. **Del Rey Oaks** – Fucci reported that AT&T is holding up the work with the fiber optic conduit, and that in the meantime Granite Rock will start staging behind Safeway and that possibly in mid-August would start the excavation on the undercrossing.
- g. **Sand City** – Gomez reported that the hotel project is going vertical and that there was a field meeting that included City Council members. He added that he has been busy with grants and that the West End Festival is scheduled from August 24 – 25, 2024.

McCullough reminded the Committee that there is a new Zoom link for this fiscal year and that it was reflected on the agenda.

Chairperson Gomez called for public comment, none received.

SCHEDULE NEXT MEETING / ADJOURNMENT

10. Schedule Next Meeting

The next Management Committee meeting is scheduled for Wednesday, August 28, at 9:30 a.m.

11. Meeting Adjournment

The meeting was adjourned at 10:25 a.m.

DRAFT

First Flush Monitoring Results and Surfactant Study Overview

Lindsay Brown (CMSF/MBNMS)



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MONTEREY BAY
NATIONAL MARINE SANCTUARY



CMSF CALIFORNIA
MARINE
SANCTUARY
FOUNDATION

California Marine Sanctuary Foundation

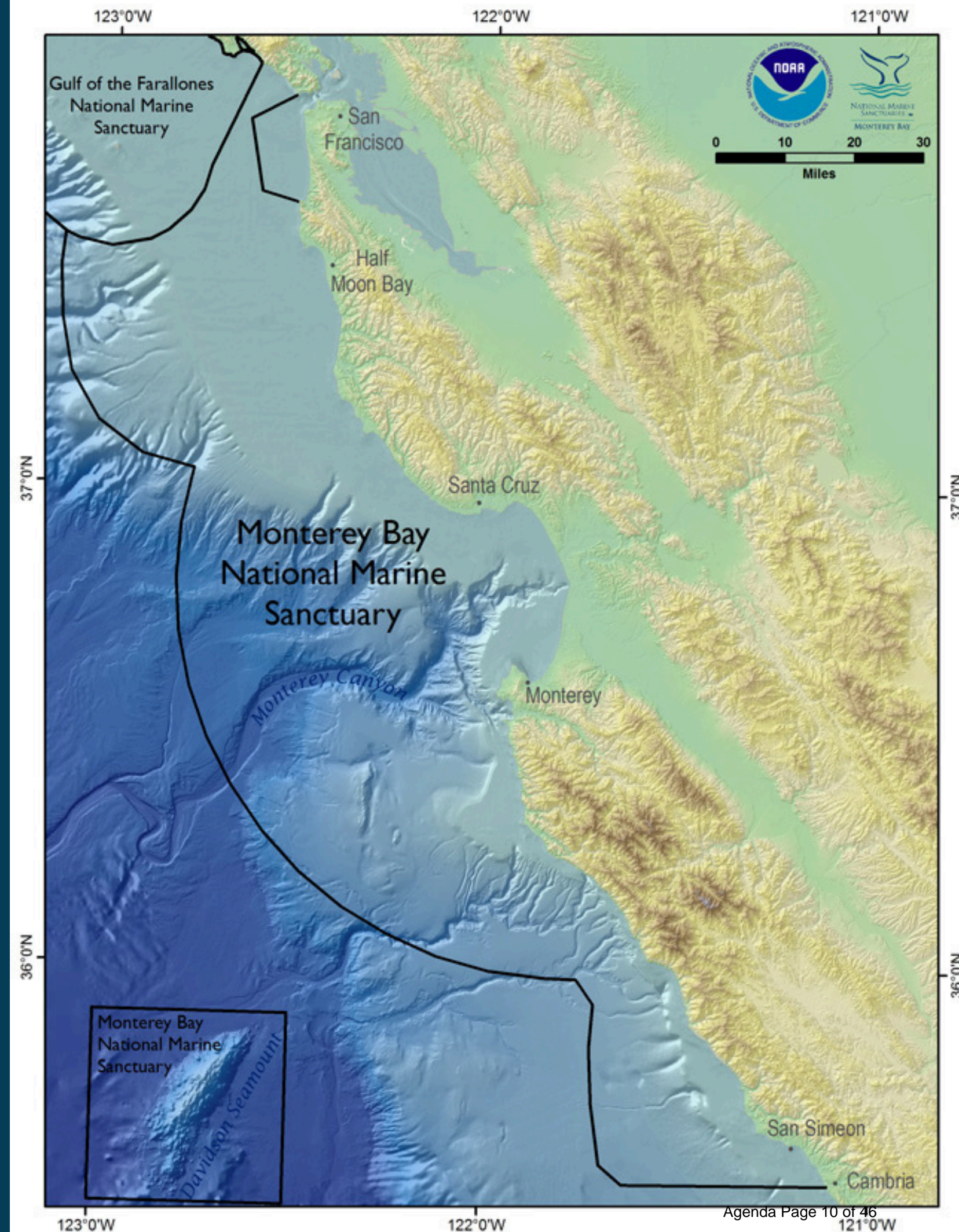


- Non-profit created in 1995
- Marine resource protection, coastal restoration, climate change mitigation, and water quality protection
 - Agricultural and urban
- Solutions oriented and highly collaborative



Monterey Bay National Marine Sanctuary

- Designated in 1992
- Stretches along 276 miles of coastline, extending on average 30 miles from shore
- Deepest point is over 2 miles deep
- Incredible biodiversity





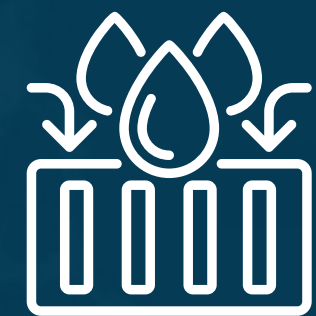
FIRST FLUSH

- **Annual water quality monitoring volunteer program on the first rain event of the season**
- **Collect samples from storm drain outfalls that flow into the Sanctuary**
- **Volunteers on-call**



PROGRAM OBJECTIVES

1. Access Urban Pollutant Levels
2. Inform Best Management Practices
3. Promote Environmental Stewardship and Education
4. Support Compliance with Stormwater Permits
5. Enhance Understanding of Stormwater Impacts on MBNMS

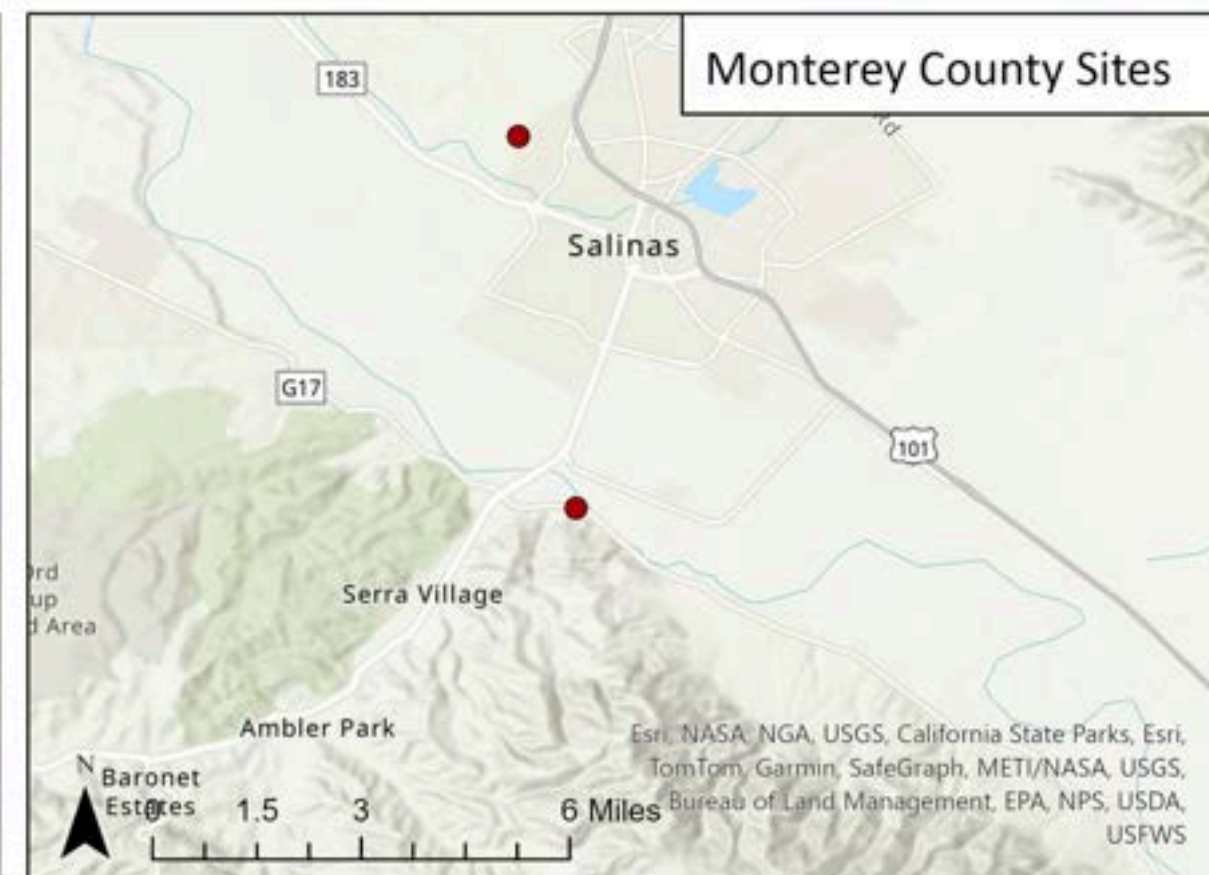
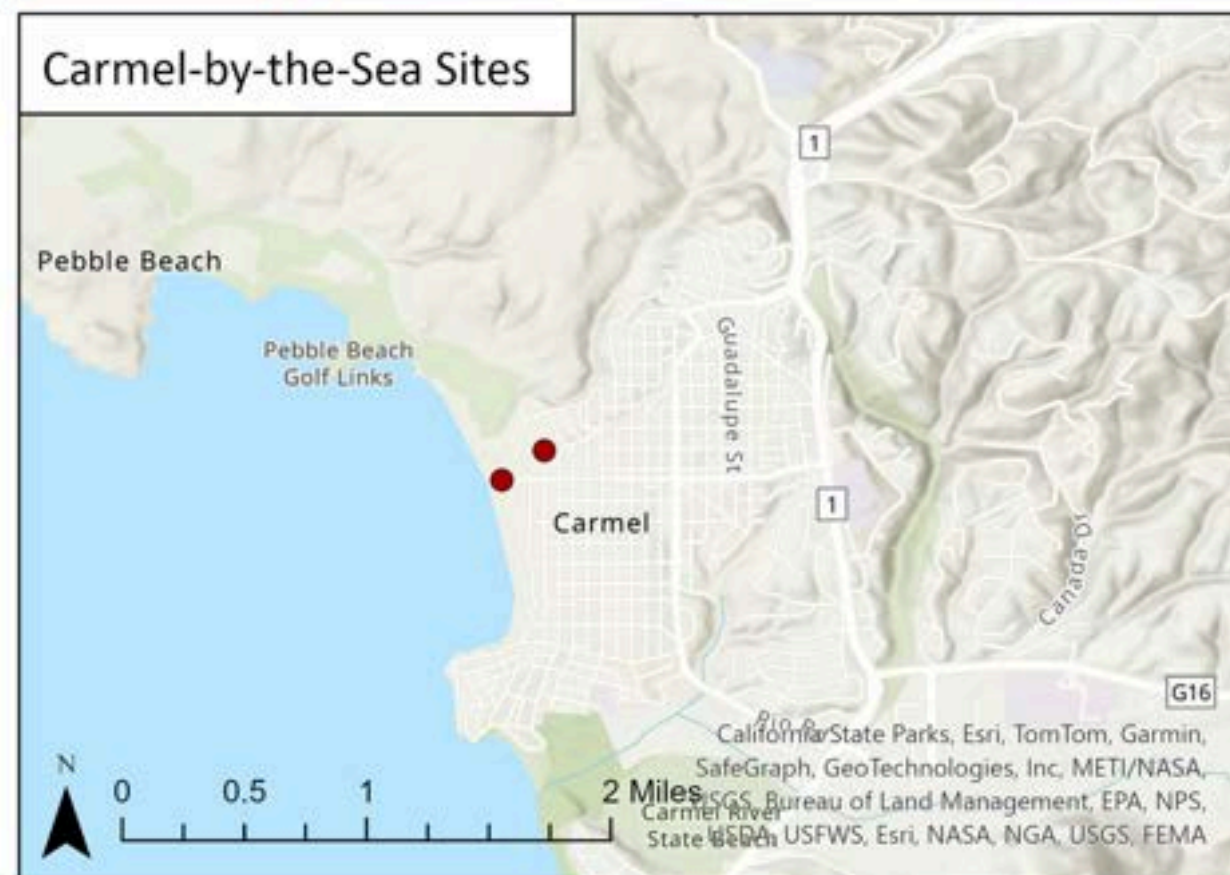


VOLUNTEER INVOLVEMENT

- 22 volunteers donated over 100 collective hours of time
- Mobilized at 4:30am on Saturday morning, November 18th
- Collected samples and flow measurements at each site
- Adapted to changing conditions
- Essential for collecting a larger amount valuable data



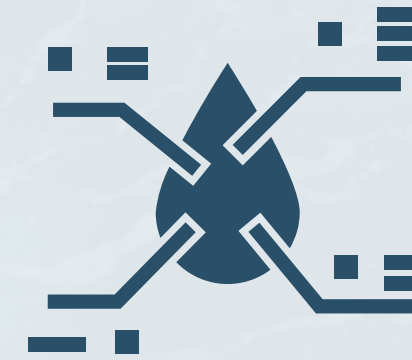
MONITORING LOCATIONS





Field Measurements

- WATER TEMPERATURE
- PH
- CONDUCTIVITY
- TRANSPARENCY



Lab Analyses

- NUTRIENTS
- FECAL INDICATOR BACTERIA AND HF183
- METALS
- CLARITY
- OTHER LIQUID WASTE IDENTIFIERS AND ADDITIONAL SURFACTANTS

STANDARD COMPARISON

- **SWRCB NPDES MS4 General Permit**

Ammonia, Color, Hardness, and Potassium

- **EPA Water Quality Objectives (WQO)**

E. coli, Enterococcus

- **Basin Plan WQO**

Water Quality Control Plan for the Central Coast Basin, set by RWQCB: Copper, Lead, Detergents, pH, Zinc

- **Action Levels**

Central Coast Ambient Monitoring Program (CCAMP): Nitrate, Orthophosphate, TSS, Transparency, and Turbidity

2023 RESULTS

Carmel

- Sites Monitored: 4th Avenue, Ocean Avenue
- Dry Run
 - High nitrate and Potassium levels
- First Flush
 - Exceeded limits for copper, lead, zinc, E. coli, Enterococcus, surfactants, orthophosphate, turbidity, color, and TSS at 4th Ave
 - Notable Results: Copper and turbidity

2023 RESULTS

Monterey

- Sites Monitored: Twins, San Carlos, Steinbeck
- Dry Run
 - Exceeded limits for E. coli, Enterococcus, orthophosphate, MBAS surfactants (Twins)
- First Flush
 - High copper, zinc, E. coli, Enterococcus, surfactants, orthophosphate, turbidity at Steinbeck and Twins
 - Notable Result: Enterococcus (Steinbeck: 98,040 MPN/100mL)

2023 RESULTS

Monterey County

- **Sites Monitored: Boronda, Las Palmas**
- **Dry Run**
 - **No flow, so no samples collected**
- **First Flush**
 - **Exceeded limits for copper, zinc, E. coli, Enterococcus, orthophosphate, turbidity, and color at Boronda and Las Palmas**
 - **Notable Result: Enterococcus (Boronda: 98,040 MPN/100mL)**

2023 RESULTS

Pacific Grove

- Sites Monitored: 8th Street, Greenwood Park, Lover's Point, Sea Palm, and Pico
- Dry Run
 - Exceeded limits for E. coli, Enterococcus, orthophosphate, nitrate
 - Notable Result: HF183 (Greenwood Park: 7,105 GC/mL)
- First Flush
 - Exceeded limits for E. coli, Enterococcus, copper, turbidity, surfactants, orthophosphate
 - Notable result: Orthophosphate (Sea Palm: 0.58 mg-P/L)

2023 RESULTS

Seaside and Sand City

- Sites Monitored: Bay Street
- Dry Run
 - No flow
- First Flush
 - Exceeded limits for E. coli, Enterococcus, turbidity, surfactants, copper, zinc, lead, and orthophosphate
 - Notable result: E. coli (Bay Street: 155,310 MPN/100mL)

SURFACTANT STUDY

Understanding Waterborne Foam in Stormwater

Background

- Waterborne Foam: common in both freshwater and marine habitats, often linked to storm events and stagnant water
- Foam Formation: Caused by surface-active molecules entraining air in turbulent conditions. Sources can be natural or anthropogenic (ex. detergents, wastewater discharges)

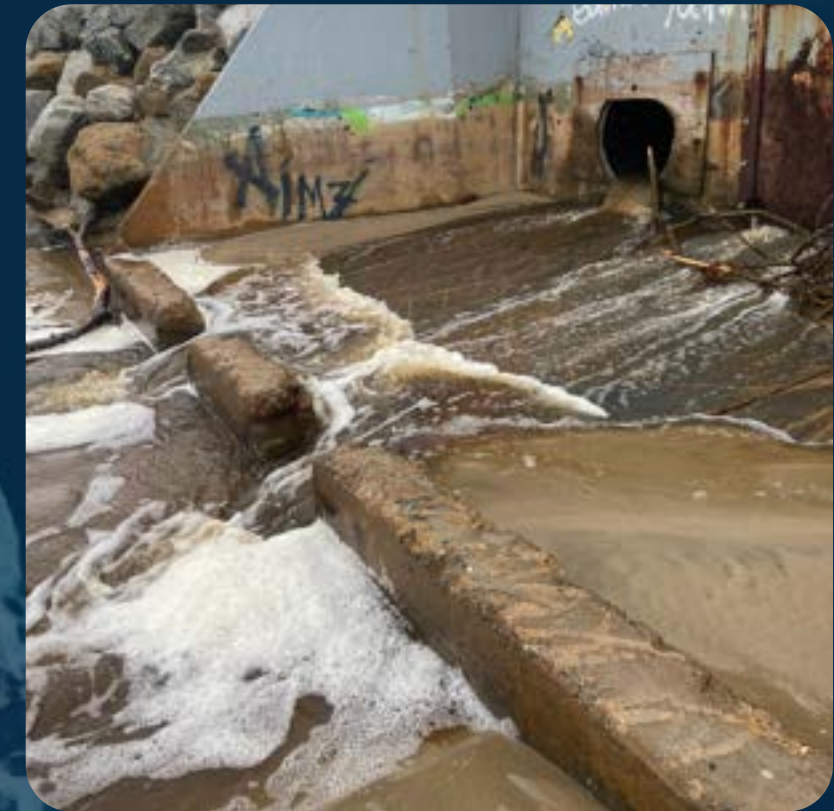


SURFACTANT STUDY

Understanding Waterborne Foam in Stormwater

Implications for Stormwater Compliance

- **Pollution Identification:** Differentiating natural foam from pollution-driven foam is critical for regulatory compliance
- **Future Monitoring:** Enhanced surfactant testing can improve source identification, helping to manage stormwater more effectively and meet environmental standards



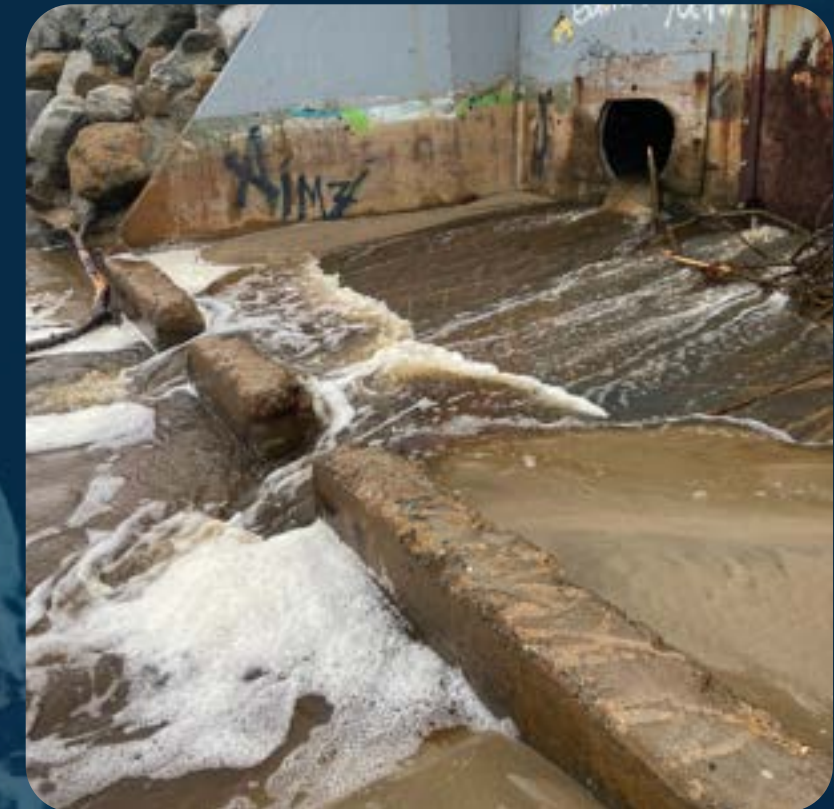
SURFACTANT STUDY

Understanding Waterborne Foam in Stormwater

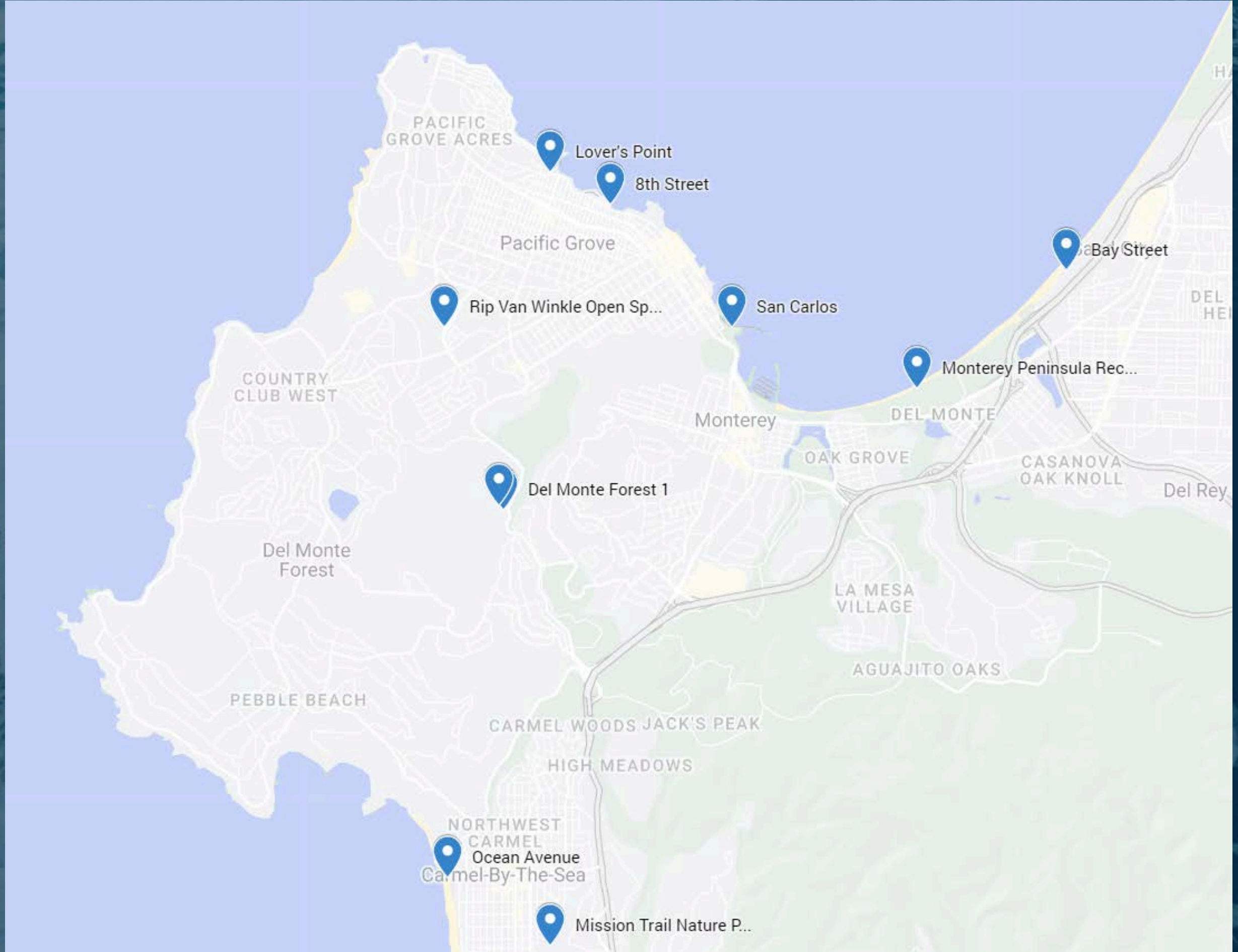
Objectives

- Purpose: Evaluate Foam Sources

1. Water Quality Differences: Identify generic water quality differences in sites with visible foam.
2. Testing Parameters: Explore alternative methods for quantifying foam.
3. Response Planning: Develop strategies for addressing future foam-related events.



SITES MONITORED

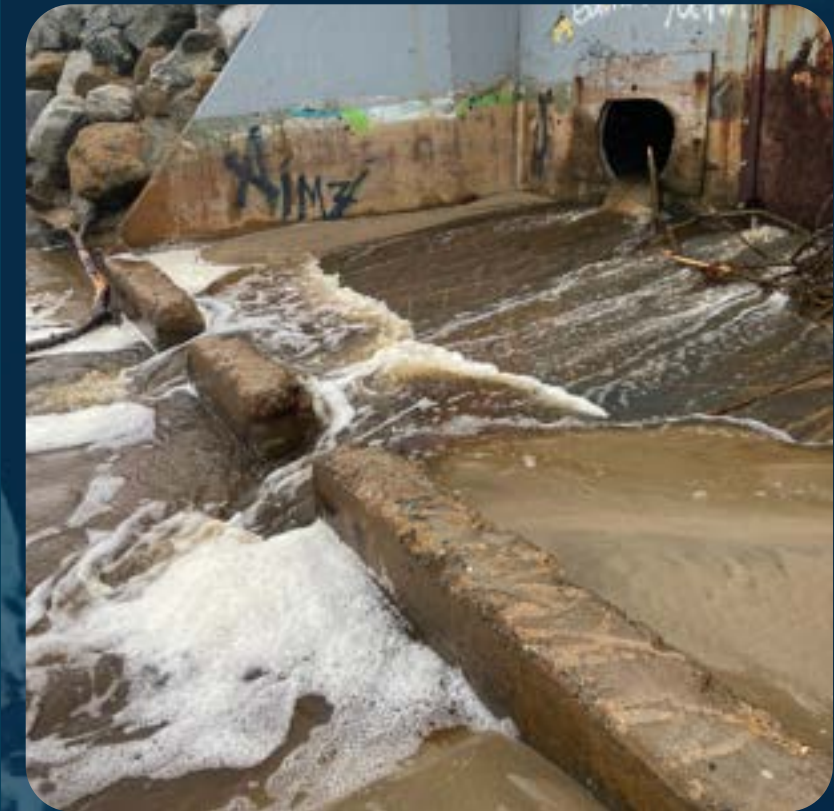


SURFACTANT STUDY

Understanding Waterborne Foam in Stormwater

Analytical Methods

- Lab Analysis
 - Fecal indicator bacteria
 - Generic surfactants (MBAS)
 - Specific surfactants (Alkylphenol and Alkylphenol ethoxylates)
 - Nutrients and physical-chemical parameters
- Methodology
 - ELISA for alkylphenols; chromogenic reaction quantified against a standard curve



SURFACTANT STUDY

Understanding Waterborne Foam in Stormwater

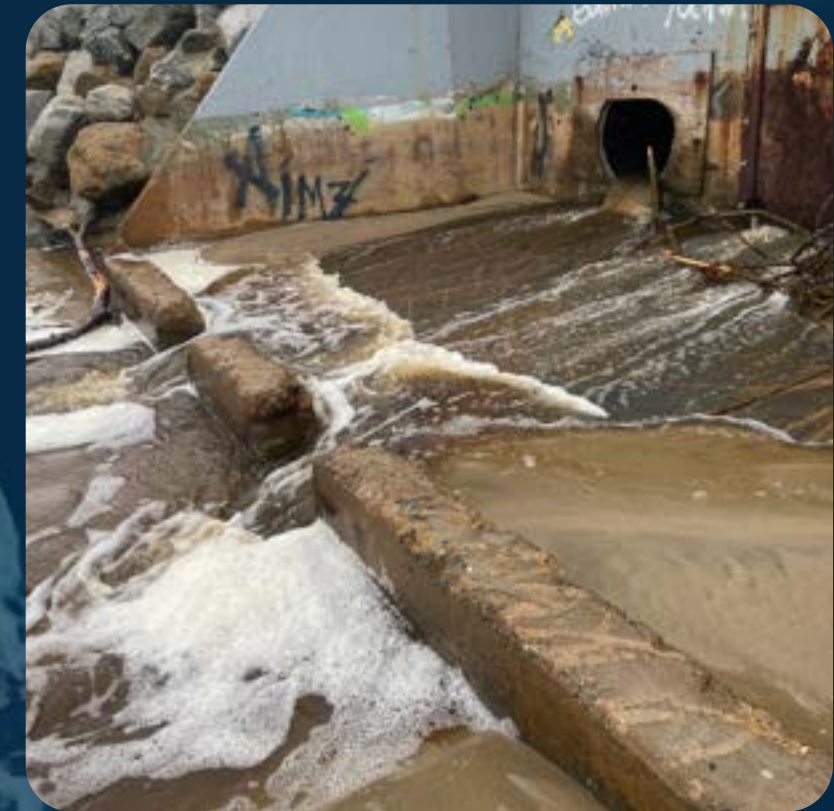
Key Findings and Implications

1. Site to Site Variation

2. Nutrient Trends

3. Surfactant Testing

4. Sample Processing



NEXT STEPS



- **Continue to pursue management efforts that improve runoff water quality:**
 - **Public education and outreach**
 - **Public involvement in clean-up and sampling**
 - **Reduce/eliminate illicit discharges**
 - **Periodically cleaning out storm drains**
 - **Assess sewer line integrity**





Two Grant Opportunities Now Open: FY25 Marine Debris Removal and Interception Technologies under the Bipartisan Infrastructure Law

- **Fiscal Year 2025 NOAA Marine Debris Removal Letters of Intent due on September 27, 2024, 11:59 p.m. Eastern Time.**
- **Fiscal Year 2025 NOAA Marine Debris Interception Technologies Letters of Intent due on October 09, 2024, 11:59 p.m. Eastern Time.**



FIRST FLUSH

*Interested in learning more about your watershed?
VOLUNTEER WITH US!*

Join your community
in water quality
monitoring efforts
during our first
major rainstorm in
Monterey County.



Become a
community
scientist!



*Sign up
today!*



ANY QUESTIONS?



Lindsay@californiamsf.org

Lindsay.Brown@noaa.gov

Public Education/Public Outreach Program Update for Monterey Regional Storm Water Management Program (MRSWMP) Committee Meeting

August 28, 2024

By Maris Sidenstecker, Executive Director, Save The Whales



MONTEREY SEA

Stormwater Education Alliance

WWW.MONTEREYSEA.ORG

School Presentations

Completed – July 2024

School	Presentation Date	# of Students or Classes
YMCA Summer Camp, Moss Landing with beach field activities	July 17	60 students, grades K-8
Cub Scout Camp Monterey	July 25	64 students, grades 1-5
In August, contacting schools to schedule outreach programs.		



Public Events Scheduled

2024

Upcoming Events	Date	City/Location
West End-Sand City-Booth #56	8/24/2024, Saturday as SEA	Sand City
MEarth Pumpkin Patch Event	9/15/24	Carmel
Coastal Cleanup Day	9/21/24	Local Beaches

Other Activities	Date	City/Location
Stormwater Awareness Week	9/23-9/27	Social Media
First Flush Needs Volunteers	MBNMS Is The Lead	Perhaps a digital ad in Weekly and social media
Seaside Fire Station Event	10/5/24	Seaside



New TV Ads Media Outreach

2024-2025

TV Station	Month	Number of Ads
KCBA (CW)	Not scheduled	Waiting for Partners to Be On Board for cost share
KION	Not scheduled	
Telemundo (Spanish Language)	Not scheduled	
FOX 35 KION	Not scheduled	



West End Event August 24-25

SAND CITY'S ANNUAL WEST END CELEBRATION
AUGUST 24 & 25, 2024

SATURDAY • 11AM - 5:30PM

COCO MONTOYA JOHN BROADWAY TUCKER REVUE AL JAMES BAND GUITARS NOT GUNS SUNNY SIDE OF MOUNTAIN	SENSORY TRIBE THE RAYBURN BROTHERS THE TRANSLUCERS DAN FREDDETTE & LAUREL THOMSEN
THE TREMOLOS - VENUS DAZE THE FRASOMAROS • JOE KAPLOW • JUSTIN ROBINSON	

SUNDAY • 12PM - 5PM

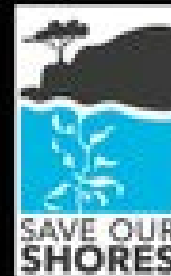
JOE CRAVEN & THE SOMETIMERS CAROLYN SILS COMBO RIVER VOICES THE D-KEEPERS	LATIN JAZZ COLLECTIVE THE RUGIANS KATHERINE LAVIN BAND THREE TWENTY FIVE
CASEY FRAZIER BAND • CEMENT SHIP PETER BARNES MARTIN BAND • KEVIN PROCTOR • RAZZVID • MORTICAI	



Coastal CleanUp Day September 21, 2024



JOIN US AS AN
ANNUAL COASTAL
CLEANUP DAY
SITE CAPTAIN!



First Flush Needs Volunteers

FIRST FLUSH

Interested in learning more about your watershed?
VOLUNTEER WITH US!

Join your community in water quality monitoring efforts during our first major rainstorm in Monterey County.

Become a community scientist!

Sign up today!

CMSF
Central Coast Watershed Council

MONTEREY SEA
Coastal Science Alliance

MBAS
Monterey Bay Analytical Services



Seaside Fire Station Open House October 5, 2024



SEASIDE FIRE DEPARTMENT

SEASIDE FIRE
OPEN HOUSE

SATURDAY, OCTOBER 5, 2024 | 10 AM - 2 PM
1635 BROADWAY AVE., SEASIDE, CA

Join us for our Annual Open House as we kick off
National Fire Prevention Week!

- ✓ Activities for the Whole Family
- ✓ Community Resource Tables
- ✓ Live Demonstrations by Firefighters
- ✓ Free Community BBQ

MEET SPARKY!



ATTACHMENT 4

Keep Our Waterways Clean and Healthy

YOU CAN MAKE A DIFFERENCE in protecting the health of your local creeks, rivers and the ocean.

The County of Monterey needs your help to identify areas where you see dirt or muddy water flowing into streets and storm drains or waterways.

WHY DOES THIS MATTER? Dirt and particles in the water can cause the water to be cloudy and dark.

Turbidity is a measure of how clear the water is. The greater the turbidity, the dirtier the water. High turbidity in local rivers and streams can stop us from enjoying time in the water, damage fish habitat, and harm the environment.

YOU CAN HELP! If you see an area of erosion or muddy runoff, please call: Clean Water Hotline: 831-784-5983



MONTEREY SEA

Stormwater Education Alliance

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ATTACHMENT 5

Mantengamos nuestras vías fluviales limpias y saludables

La salud de los arroyos, ríos y el océano de nuestras ciudades depende de todos.

EL CONDADO DE MONTEREY necesita tu ayuda para detectar suciedad o agua enlodada fluyendo por las calles, desagües y vías fluviales de tu vecindario.

¿POR QUÉ ES TAN IMPORTANTE AVISAR? Cuando el agua está sucia o contiene partículas puede verse turbia y oscura. La turbidez es una medida del grado de

limpieza del agua. Cuanto más turbia está el agua, más sucia está. Cuando el agua de los arroyos y riachuelos locales está turbia, no es aconsejable bañarse, y, además, puede dañar el hábitat de los peces y el medio ambiente.

¡PUEDES AYUDAR! Si observas una zona erosionada o con agua enlodada, llámanos. Línea directa para unas aguas limpias: 831-784-5983



MONTEREY SEA

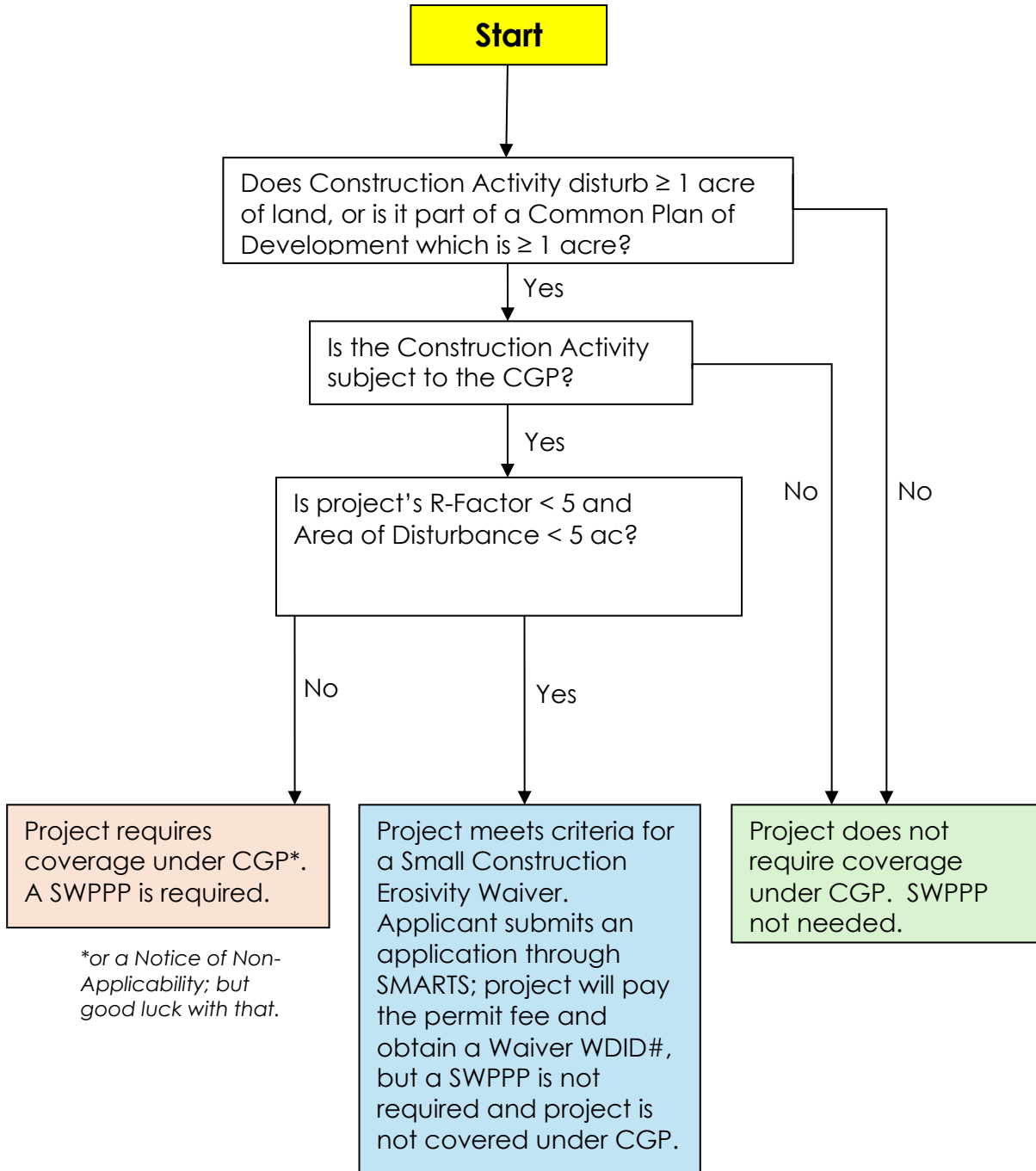
Stormwater Education Alliance

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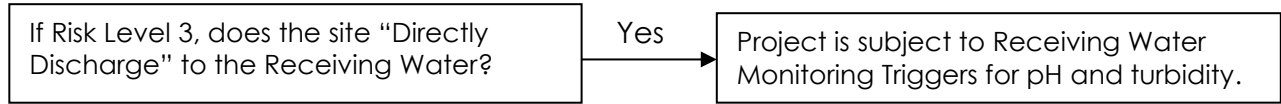
ATTACHMENT 6

Flow Chart
For
Construction General Permit (CGP)
Order WQ 2022-0057-DWQ

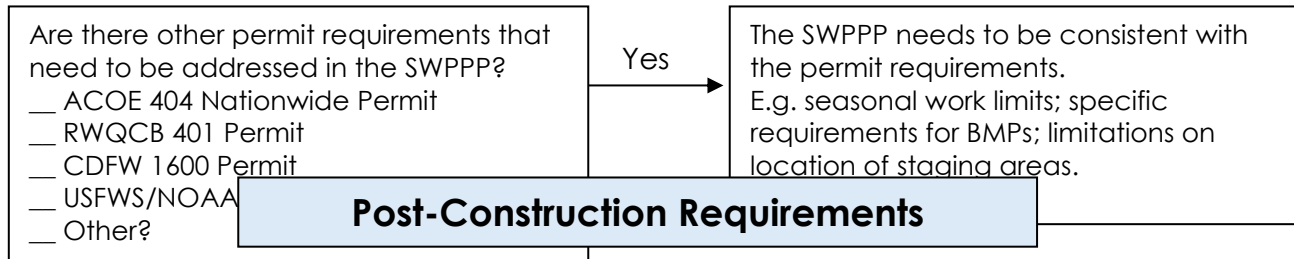
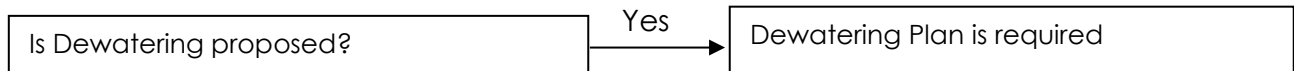
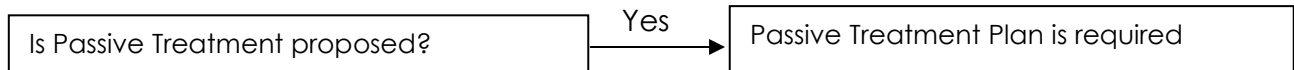
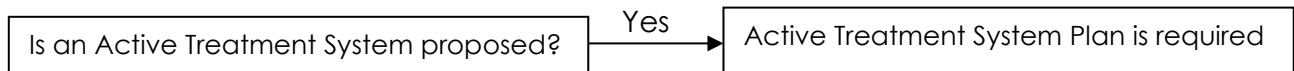
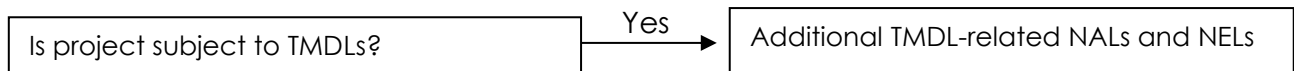


Activities Subject to CGP: See CGP pages 8 – 11.
Common Plan of Development: see CGP page FS-67 – FS-68.
Small Construction Erosivity Waiver: see CGP pages FS-69 – FS-70.

Additional Questions for SWPPP Scoping



A site "directly discharges" to a Receiving Water if its discharge does not comingle with discharges from other point sources. If the site discharges to another property or to an offsite storm drain system, and mixes with runoff from other sites, the site doesn't "directly discharge" to the Receiving Water.



Post-Construction Requirements

Start

Is project within a Phase I or Phase II MS4 with an approved SWMP? *

** i.e. [with a few exceptions] is it within an incorporated city or within the County's designated MS4 Area (Urbanized Area).*

No

Will the project obtain coverage under the CGP (will it have a SWPPP)?

Yes

Yes

No

Local agency and MS4 Permit requirements apply:

- SWCP
- Engineer's Observations and Construction Certification
- Long-Term O&M Plan
- Maintenance Agreement
- Annual Certification after construction

Local agency and CGP requirements apply:

- Water Balance Calculator (SMARTS form)
- Minimum 5-year O&M Plan (upload to SMARTS)
- No requirement for a Maintenance Agreement

Only local agency requirements apply:

- Drainage / flood control design criteria
- Muni Code / Ordinance
- Conditions of Approval



PROCLAMATION

STORMWATER AWARENESS WEEK September 23 – 27, 2024

WHEREAS, the water quality of our local water resources is vitally important to sustainable communities and to the health, safety, and well-being of the people in our communities; and,

WHEREAS, it is in the public interest for the citizens, civic leaders, business interests, and children in our communities to gain knowledge of and maintain a progressive interest in the protection of our water resources including the understanding of best management practices for stormwater management; and,

WHEREAS, Local Agency, Municipal Staff and dedicated volunteers often serve on the front lines of protecting water quality; and,

WHEREAS, stormwater is increasingly becoming a new water resource for our communities, where every drop counts as demonstrated by its contributions as a source water for the Pure Water Monterey project; and,

WHEREAS, since 2002, Monterey One Water has facilitated the Monterey Regional Stormwater Management Program (MRSWMP), a regional collaboration among member entities intended to implement local Municipal Separate Storm Sewer System (MS4) Phase II Stormwater Permit Requirements under the Clean Water Act in a consistent and cost-effective manner; and,

WHEREAS, 2024 marks the 13th year of the annual Stormwater Awareness Week, a statewide effort to educate local agency and municipal staff on stormwater and water quality issues plus help inform the public on the importance of protecting the Monterey Bay National Marine Sanctuary as the terminus point for the majority of stormwater in our communities;

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors of Monterey One Water does hereby proclaim the week of September 23 - 27, 2024, as Stormwater Awareness Week, and urges all customers of this agency to recognize the importance of stormwater quality and its impacts on our community health, safety, welfare, and quality of life.

Thomas P. Moore, Chair
M1W Board of Directors

Paul A. Sciuto, General Manager
Secretary to the Agency

Monterey Regional Stormwater Management Program

To: MRSWMP Management Committee
From: Mike McCullough, M1W staff
Date: August 28, 2024
Subject: Drywell Training Presentation Recap

Background

The City of Salinas reached out to Monterey One Water staff to see if we both would be able to review a presentation on Drywells. Drywells are another method municipalities can utilize to help treat stormwater plus recharge local aquifers.

The Presentation was provided by Gregor Patsch, Technical Sales Manager and Travis Pacheco, Technical Marketing Engineer both from Torrent Resources.

The presentation covered the latest in drywell technology, the benefits of deep infiltration, various drywell applications, Drywell construction, and O&M of the facilities.

Discussion

The presentation could assist municipalities in having another tool for meeting their goals of capturing, treating, and infiltrating stormwater runoff. The insights gained from the presentation could be beneficial in optimizing the design of drywells for various stormwater treatment applications. Installation of Drywells could enhance LID, Green Streets, new development, and retrofitting current problem areas.

The company also highlighted they had several local installations of drywells. They include Sea Cliff, King City, and have been recognized specifically in the Gonzales Community Center Project.

Recommendation

Staff recommends the Management Committee include a Drywell Training Presentation for the members during the next calendar year.