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California Marine Sanctuary Foundation in partnership
with Monterey Bay National Marine Sanctuary

2025 MRSWMP Dry Run & First Flush Monitoring Report

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Prepared by:

Katie Siegler and Alyssa Lozano

California Marine Sanctuary Foundation | Monterey Bay National Marine Sanctuary

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MONTEREY SEA

Stormwater Education Alliance

Carmel-by-the-Sea • County of Monterey • Del Rey Oaks
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Introduction

The Monterey Stormwater Education Alliance (Monterey SEA) water quality monitoring program is modeled after Monterey Bay National Marine Sanctuary's (MBNMS) Dry Run-First Flush monitoring program. Monterey SEA conducts the education and outreach component of the Monterey Regional Stormwater Management Program (MRSWMP). MRSWMP is a regional coordination entity consisting of the jurisdictions of Carmel-by-the-Sea, Del Rey Oaks, Monterey, Pacific Grove, Sand City, Seaside, and the County of Monterey.

MBNMS' Dry Run and First Flush volunteers collect water samples from storm drain outfalls prior to the first major rainstorm of the year (Dry Run) and during the first major rainstorm of the winter season (First Flush). Samples are analyzed for common urban pollutants such as surfactants, bacteria, metals, sediment, and nutrients.

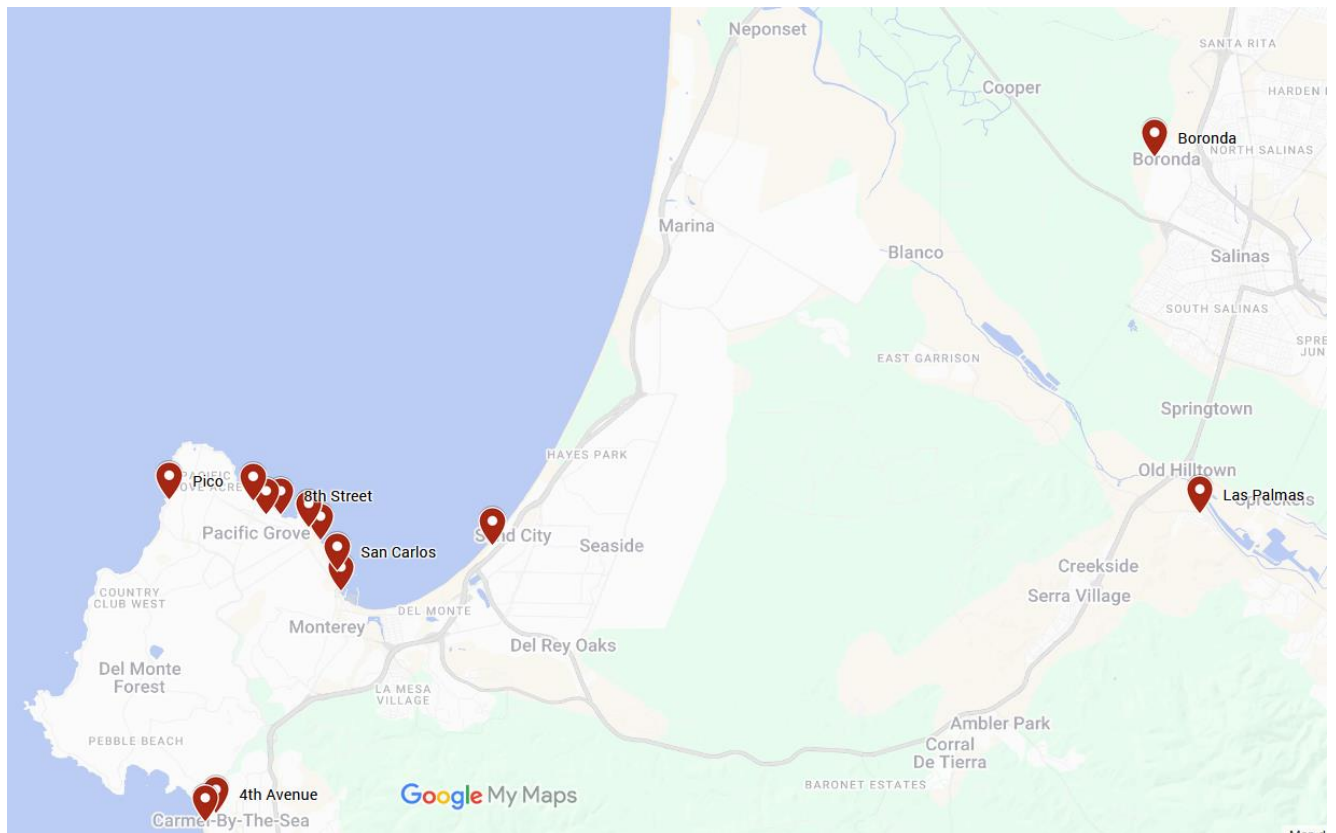
Samples collected during dry weather prior to the first major rainstorm provide information about dry weather flows such as pollutant concentrations, amount of groundwater base flow, or contributions from urban sources such as car washing, pressure washing, irrigation, or illicit discharges. Dry weather flows are an important component of water quality, as the contaminants are more concentrated and can be more easily detected and traced to their source. Water samples collected during the first major rainstorm of the winter season provide information on the concentration of contaminants in stormwater after months of dry weather accumulation of pollutants on land in urban areas.

All runoff from the Monterey region eventually flows into MBNMS except in areas where diversions have been installed that capture some dry and wet weather storm drain system flows and divert flows to the sanitary sewer. The cities of Pacific Grove, Salinas, and Carmel-by-the-Sea have constructed diversions which facilitate reuse of runoff while minimizing contaminants flowing to MBNMS.

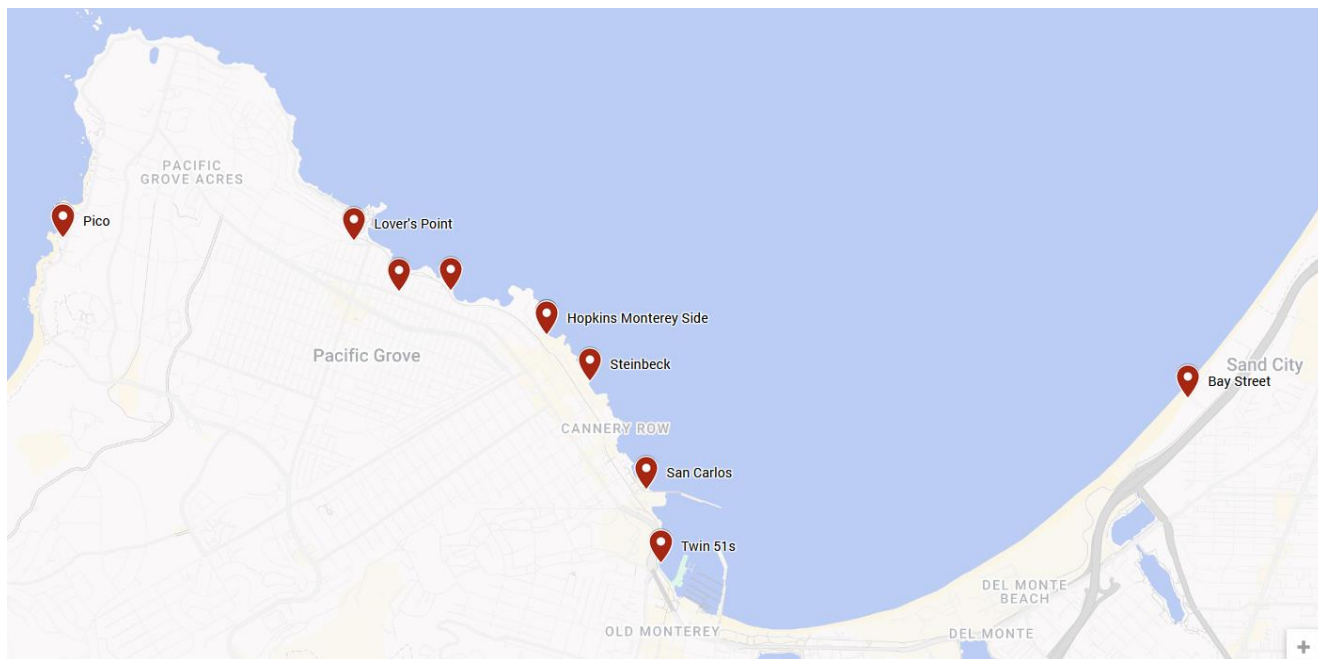
The MRSWMP water quality monitoring program promotes volunteer participation, stewardship, and environmental education while providing important data regarding the quality of water flowing into MBNMS. This monitoring program is designed to meet E.8.ii requirements under the Phase II Stormwater Permit, satisfying public involvement and participation elements of the permit. This monitoring program does not fulfill the E.13 requirements pertaining to ASBS Monitoring, TMDL Monitoring, 303(d) Monitoring, or Receiving Water Monitoring which are completed by permittees individually or through regional programs. The data collected for MRSWMP provides local cities with information on where to implement best management practices focused on improving water quality.

Sites selected for MRSWMP monitoring include storm drains where the highest discharges of runoff from urbanized areas and city streets are anticipated during storm events (Figure 1, 2A, 2B, 2C). Two inland sites, in the unincorporated area of Monterey County near the City of Salinas, assess contaminant levels in flows that can eventually impact the coast. Some sites flow directly into MBNMS while others flow through diversions into sanitary sewer systems.

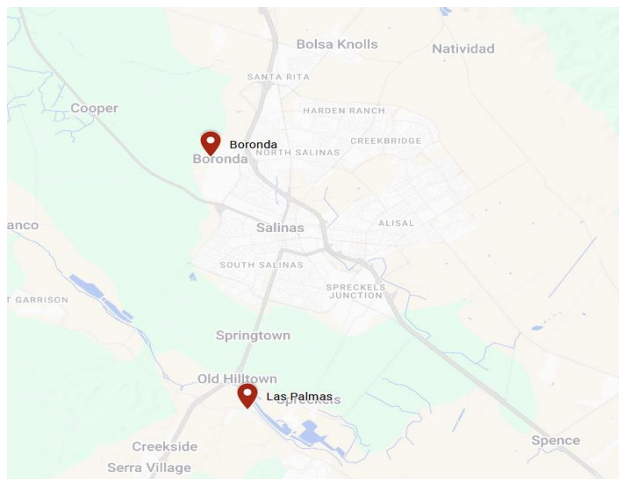
Figure 1. Sites monitored during the MRSWMP 2025 First Flush.



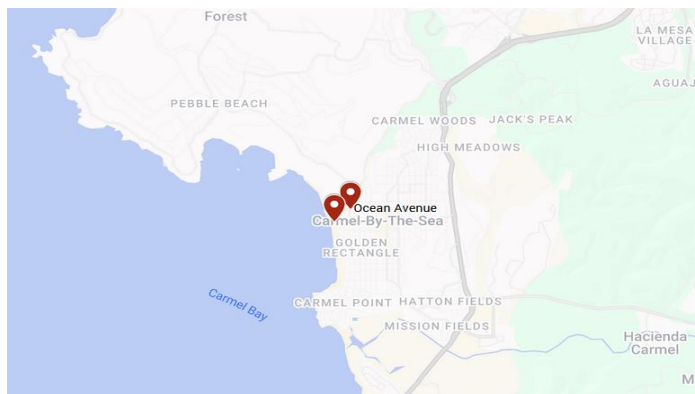
Figures 2a, 2b, 2c. Sites monitored by region during the MRSWMP 2025 First Flush.



2a. Pacific Grove, Monterey, and Seaside



2b. Salinas



2c. Carmel

The First Flush event typically has occurred between September and December, with the majority of years occurring between October and November.

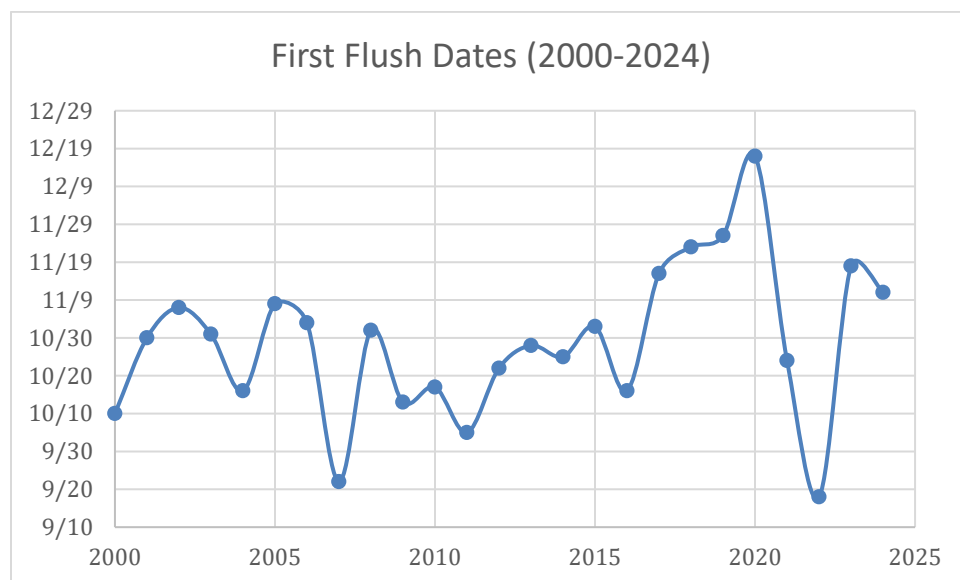


Figure 3. First Flush sampling dates from 2000-2024.

Methods

The same protocols and laboratory analyses are used for both Dry Run and First Flush. Volunteers attend an online or in-person training that covers monitoring goals and protocols. Dry Run is an opportunity to participate in hands-on training, and volunteers spend a half-day demonstrating their skills, visiting outfall sites, and collecting water samples where possible. In 2025, Dry Run was conducted on September 27.

During Dry Run, field measurements (water temperature, pH, electrical conductivity, and transparency) are taken in-situ and water samples are collected for lab analysis of nutrients (nitrate, orthophosphate, ammonia, and urea), bacteria (*Escherichia coli* and enterococcus), metals (copper, lead, and zinc), total suspended solids, color, Methylene Blue Active Substances (MBAS) surfactants, hardness (as CaCO₃), potassium, and turbidity.

Once Dry Run has been completed, the wait for the first major rainstorm begins. Waiting for a storm big enough to conduct First Flush sampling can take weeks or months. Volunteers are mobilized for the First Flush when at least 0.10 inches of rain has fallen, there is sheeting water on roadways, and storm water conductivity is at or below 1000 μ S. During First Flush, volunteers take the same field measurements as during Dry Run (water temperature, pH (daytime only), electrical conductivity, and transparency (daytime only) and collect the same water samples for lab analysis of nutrients (nitrate, orthophosphate, ammonia, and urea),

bacteria (*Eschericia coli* and *Enterococcus*), metals (copper, lead, and zinc), total suspended solids, color, Methylene Blue Active Substances (MBAS) surfactants, hardness (as CaCO₃), potassium, and turbidity. Samples and field equipment are delivered immediately to the monitoring coordinator once sample collection is complete. Once all the samples are received, the monitoring coordinator delivers the samples to a certified laboratory.

Dry Run monitoring entails collecting a single grab sample from each site with flowing water. During First Flush, two sets of grab samples are collected 30 minutes apart for two time series samples. In this report, First Flush results reported by *analyte* are averaged between the two time series, and First Flush results reported by *jurisdiction* have individual time series results listed.

The Cities of Carmel-by-the-Sea and Pacific Grove operate storm drain diversions for dry and some wet weather flows to the storm drain system. Two sites in Carmel-by-the-Sea, 4th Avenue and Ocean Avenue, are within the city's diversion system boundaries, where dry weather storm drain flows are retained and diverted into infiltration trenches. The City of Carmel's diversion is never on during First Flush. The 4th Avenue (Carmel) site is monitored above the connection point with the diversion system for Dry Run and First Flush due to access issues at the outfall. Ocean Avenue is sampled at the outfall for both Dry Run and First Flush events as outfall access is available year-round.

The City of Pacific Grove's diversion collects dry and wet weather storm drain flows and pumps them into the sanitary sewer. Sites monitored in 2025 within the City of Pacific Grove's diversion system boundaries were: 8th Street, Greenwood Park, and Lovers Point. During dry weather, 8th Street and Lovers Point are sampled at the outfall, which may or may not have flow as any flow is diverted unless the system is blocked by debris and some water bypasses the diversion. Greenwood Park is always monitored above the diversion system in both dry and wet weather due to safety and access issues at the outfall. If the City of Pacific Grove's diversion remains on during First Flush, as it was this year, sites are still monitored as follows: Greenwood Park and Lovers Point are monitored above the diversion system; 8th Street is monitored at the outfall if flow is present, as it was this year. Water quality data from sites monitored above any dry or wet weather diversions are still valuable as contaminants identified in the runoff may not flow to the ocean.

Most results (lab and field) in this study are compared to receiving water standards established for beneficial uses in a stream, lake, or the ocean (**Table 1**). These receiving water quality standards are not meant for end-of-pipe monitoring, such as for this MRSWMP water quality monitoring program, except for the analytes that are required by the MS4 General Permit. However, lacking standards for most end-of-pipe monitoring, receiving water standards are used for comparison. MBAS surfactants and metal results are compared to the Water Quality Control

Plan for the Central Coast Basin (Basin Plan) Water Quality Objectives (WQO) set by the Regional Water Quality Control Board (RWQCB) for the protection of marine or aquatic life. Since there are no numerical water quality objectives in the Basin Plan for *E. coli*, Enterococcus, nitrate, orthophosphate, and total suspended solids (TSS), those results are compared with the U.S. Environmental Protection Agency (U.S. EPA) WQOs or Central Coast Ambient Monitoring Program's (CCAMP) Action Levels. The U.S. EPA objectives are for the protection of human health while CCAMP's Action Levels are benchmarks that are set for receiving water concentrations at which pollutants may impact cold-water fish. Action Levels typically represent existing regulatory standards; levels derived from the literature or other agency references; or from data that shows levels are elevated relative to the data distribution for that parameter on the Central Coast.

Both RWQCB Basin Plan Water Quality Objectives and CCAMP Action Levels are established for receiving waters and not for end-of-pipe discharges, such as is collected for the MRSWMP monitoring. There are no end-of-pipe objectives for most of the monitored analytes of the MRSWMP monitoring program, however, the State Water Resources Control Board's (SWRCB) National Pollution Discharge and Elimination System (NPDES) MS4 General Permit does provide end-of-pipe water quality Action Levels for ammonia, color, hardness, potassium, and turbidity. For turbidity, the SWRCB NPDES MS4 Action Levels have been supplanted by CCAMP Action Levels that are more protective of water quality.

Grab sample results are reported as concentration, consistent with how the water quality objectives are defined. However, this does not give an indication of the load of pollutants being discharged. To facilitate calculation of instantaneous load, instantaneous flow was measured by filling a container of known volume (a bucket), timing how fast the container filled, and estimating how much of the flow was captured while filling the container. We provide this information to give an indication of the amount of flow at the time of sampling.

Table 1: Receiving Water Quality Objectives

Parameter (reporting units)	Water Quality Objectives	Source of Objective
Ammonia (mg/L)	Not to exceed 50	SWRCB NPDES MS4 General Permit
Color (color units)	Not to exceed 500	SWRCB NPDES MS4 General Permit
Copper (µg/L)	Not to exceed 30 ¹	Water Quality Control Plan for the Central Coast- RWQCB

¹ Water Quality Control Plan for Central Coast Cold Water Objective for Hard Water.

Parameter (reporting units)	Water Quality Objectives	Source of Objective
<i>E. coli</i> (MPN/100mL)	Not to exceed 235 ²	National Recommended Water Quality Criteria
Enterococcus (MPN/100mL)	Not to exceed 104	National Recommended Water Quality Criteria
Hardness as CaCO ₃ (mg/L)	Not ≤ 10 or ≥ 2,000	SWRCB NPDES MS4 General Permit
Lead (µg/L)	Not to exceed 30 ¹	Water Quality Control Plan for the Central Coast- RWQCB
MBAS Surfactants (mg/L)	Not to exceed 0.2	Water Quality Control Plan for the Central Coast- RWQCB
Nitrate as N (mg/L)	Not to exceed 2.25 ³	Central Coast Ambient Monitoring Program (CCAMP)
Orthophosphate as P (mg/L)	Not to exceed 0.12 ⁴	Central Coast Ambient Monitoring Program (CCAMP)
pH (pH units)	Not < 6.5 or > 8.5	Water Quality Control Plan for the Central Coast- RWQCB
Potassium (mg/L)	Not to exceed 20	SWRCB NPDES MS4 General Permit
Total Suspended Solids (TSS) (mg/L)	Not to exceed 500 ⁵	Central Coast Ambient Monitoring Program (CCAMP)
Transparency (cm)	Not less than 25 ⁶	Central Coast Ambient Monitoring Program (CCAMP)
Turbidity (NTU)	Not to exceed 25	Central Coast Ambient Monitoring Program (CCAMP)
Zinc (µg/L)	Not to exceed 200 ¹	Water Quality Control Plan for the Central Coast- RWQCB

² Environmental Protection Agency, Updated WQO.

³ Central Coast Ambient Monitoring Program, Pajaro River Watershed Characterization Report 1998, rev 2003.

⁴ Williamson, The Establishment of Nutrient Objectives, Sources, Impacts and Best Management Practices for the Pajaro River and Llagas Creek, 1994.

⁵ Central Coast Ambient Monitoring Program, Salinas River Watershed Characterization Report 1999, rev. 2000.

⁶ Based upon equivalent guideline value used for 303(d) Listing Guideline Value (Sigler et al., 1985).

Note: Urea is not listed because it does not have a Water Quality Objective or Action Level.

During the 2025/26 MRSWMP permit year:

- Dry Run sampling was conducted on 9/27. Six of the 12 sites visited had enough flowing water to be sampled. Employees from CMSF and ten volunteers assisted with sample collection.
- First Flush sampling was conducted on 10/13. Twelve sites were visited with the help of 27 volunteers who donated over 54 hours total to collect and deliver storm drain samples. Volunteers were mobilized in the evening.
- Flow was roughly estimated by volunteers at the time of sampling except at sites where low flow during Dry Run prohibited accurate flow measurements or during First Flush when an ISCO pump was used to pull sample water from a collection area. An ISCO pump was used during First Flush at Las Palmas (Monterey County). All other instantaneous flow estimates are listed in **Table 2**.

Table 2: Instantaneous flow estimates by volunteers in gallons per minute (gpm) per site. NA= data not available due to flow collected by ISCO pump; NF= No flow

Jurisdiction	Site Description	Site ID	Dry Run (gpm)	First Flush (gpm)
Carmel	4 th Avenue	307-CASD-01	NF	1777.8
	Ocean Avenue	307-CASD-02	NF	NR
City of Monterey	Twins	309-MSD-03	2.2	2019.2
	San Carlos Beach	309-MSD-04	NF	1190.5
	Steinbeck	309-MSD-05	NF	69.8
Monterey County	Boronda	309-SASD-01	NF	13.0
	Las Palmas	309-SASD-02	0.9	NA
Pacific Grove	8 th Street	309-PGSD-01	1.3	835.1
	Greenwood Park	309-CENTR-31	11.1	791.7
	Lovers Point	309-PGSD-03	NR	3333.3
	Pico	309-PGSD-04	1.4	384.6
Seaside / Sand City	Bay Street	309-SSD-02	NF	15000.0

Results

Each analyte is described and includes a reporting of the Minimum Detection Limit (MDL), the lowest concentration that lab equipment can reliably detect. Results below the MDL are reported as non-detect since lab equipment cannot reliably determine where the results lay between zero and the MDL. An average of historic data for each site is included in the figures when the data is available. For some sites, data is available as far back as 2000, but other sites, such as the two Hopkins sites, had more sporadic data collection.

Nutrients

Excess concentrations of nitrate, orthophosphate, ammonia, and urea can assist in identifying a discharge of sewage as well as industrial or commercial liquid wastes. 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 levels of 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 laboratory MDL was 0.16 mg/L for all sites. All outfall results are listed in Appendix 2.

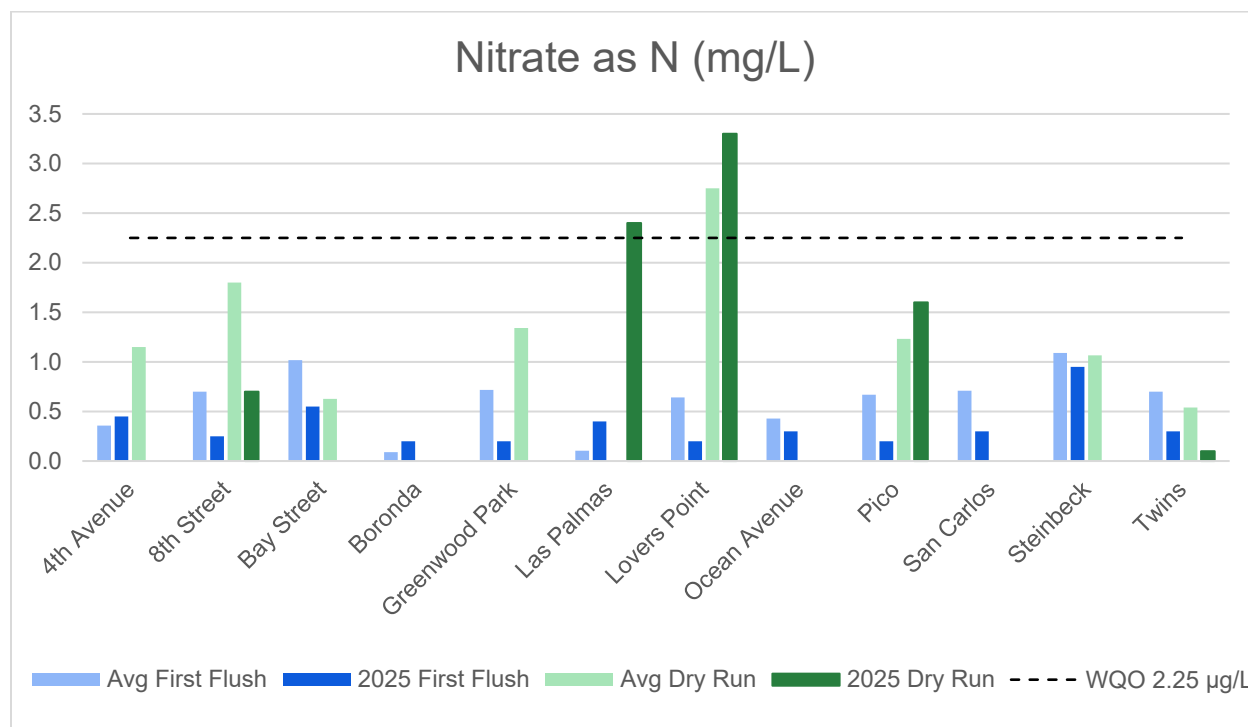


Figure 4. Nitrate concentrations (mg/L) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** In 2025, two of the six flowing outfalls (33%) exceeded the Action Level at Las Palmas and Lovers Point.
- **First Flush:** None of the outfall sites exceeded the Action Level in 2025.

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/L. The MDL was 0.16 mg/L for all sites.

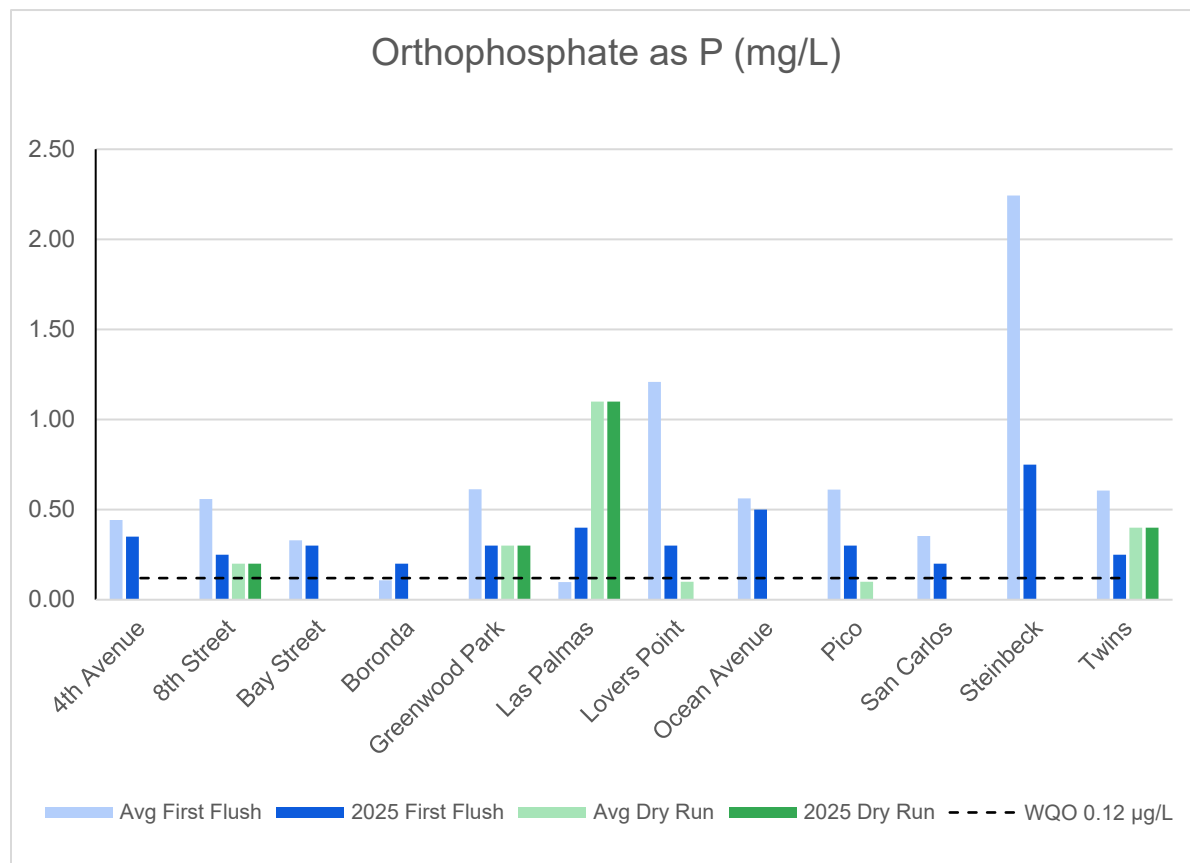


Figure 5. Orthophosphate concentrations (mg/L) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** In 2025, four of the six flowing outfalls (67%) exceeded the Action Level, at 8th St, Greenwood Park, Las Palmas, and Twins.
- **First Flush:** All results exceeded the Action Level in 2025. The highest averaged result of 0.75 mg/L was at Steinbeck in Monterey.

Ammonia, in conjunction with other analytes, can assist in identifying a discharge of sewage as well as industrial or commercial liquid wastes. The SWRCB NPDES MS4 General Permit Action Level for ammonia as N is 50 mg/L; the MDL was 0.05 mg/L for the Dry Run and First Flush. The WQO is not depicted on the graph, because all results since 2013 are far below the WQO of 50 mg/L.

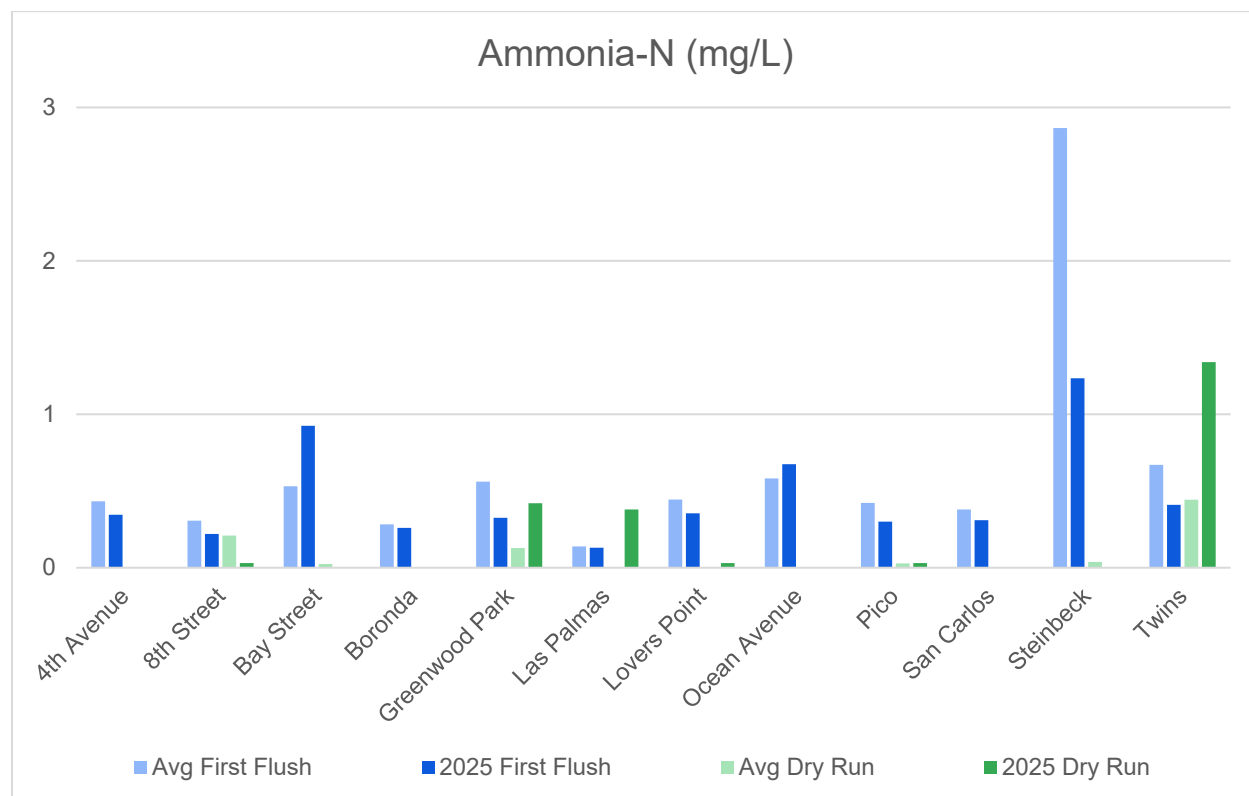


Figure 6. Ammonia concentrations (mg/L) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run and First Flush :** None of the outfall sites exceeded the Action Level in 2025

Urea is an organic compound that is often used in agricultural and urban fertilizers. While there is not an established Action Level or WQO, urea concentrations are compared between sites. The MDL for urea was 8 µg/L for Dry Run and First Flush.

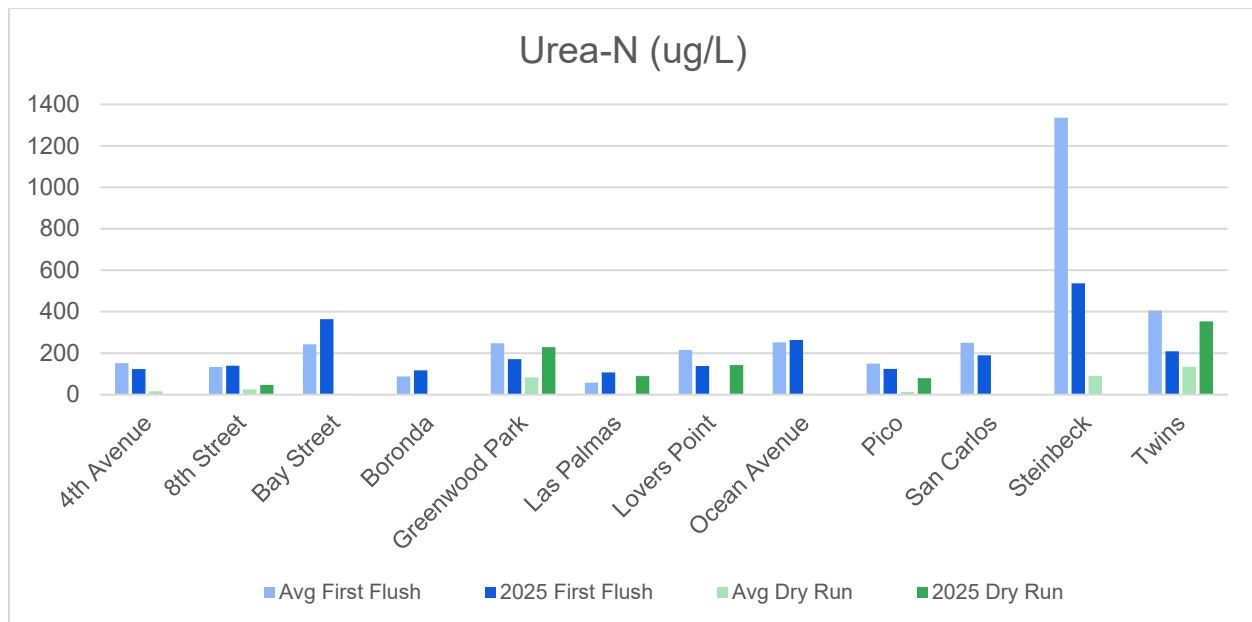


Figure 7. Urea concentrations (µg/L) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** In 2025, the highest urea result was 353 µg/L at Twins in Monterey.
- **First Flush:** In 2025, the highest averaged urea result was 537 µg/L at Steinbeck.

Metals

Metals in high concentrations can be toxic to marine organisms and can cause reduced reproduction, developmental deformities, reduced photosynthesis, and mortality. Heavy metal toxicity can be mitigated by the presence of sediment or other binding compounds that may reduce the metal's bioavailability. For this monitoring, the focus is on copper, lead, and zinc.

Copper is present in some brake pads, pesticides, wood preservatives, roofing materials, and architectural structures such as gutters and downspouts.

The Basin Plan WQO established for total copper is 30 µg/L. The MDL for copper was 7 µg/L for Dry Run and First Flush.

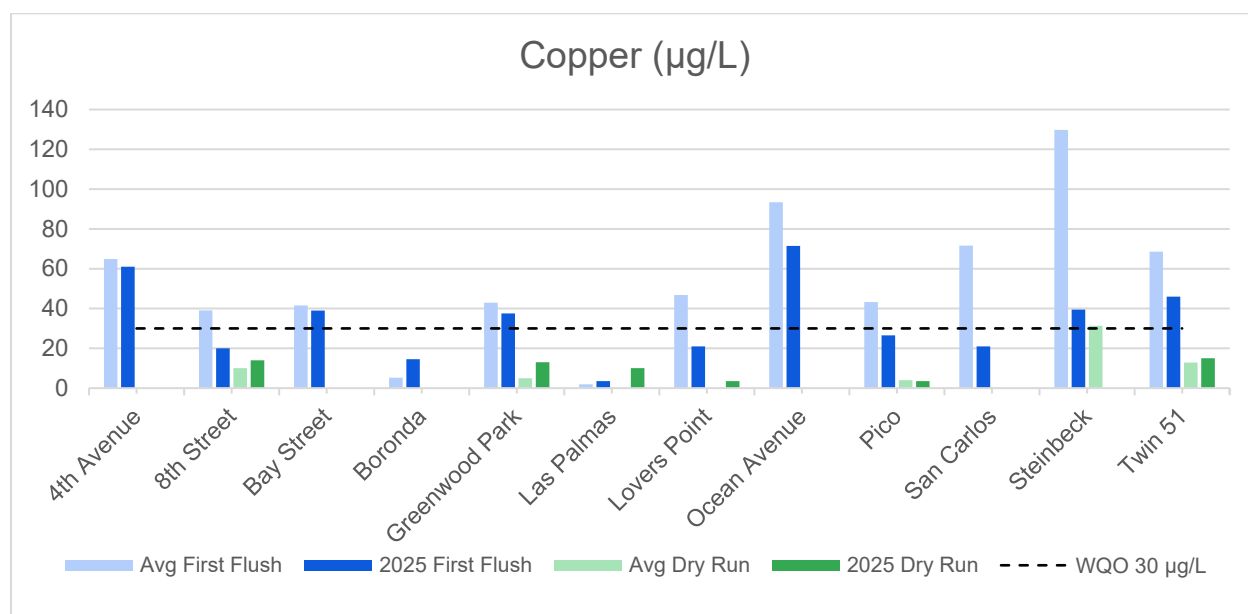


Figure 8. Copper concentrations (µg/L) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** For 2025, none of the outfall sites exceeded the WQO.
- **First Flush:** Results from six of the twelve sites exceeded the WQO in 2025. The highest averaged result of 71.5 µg/L was from Ocean Avenue.

Lead is present in some types of paint, water distribution systems, auto emissions, and can also be passed through the food web via uptake by plants that are grown in lead contaminated soils.

The Basin Plan WQO established for total lead is 30 µg/L; the MDL for lead was 0.1 µg/L for both the Dry Run and First Flush.

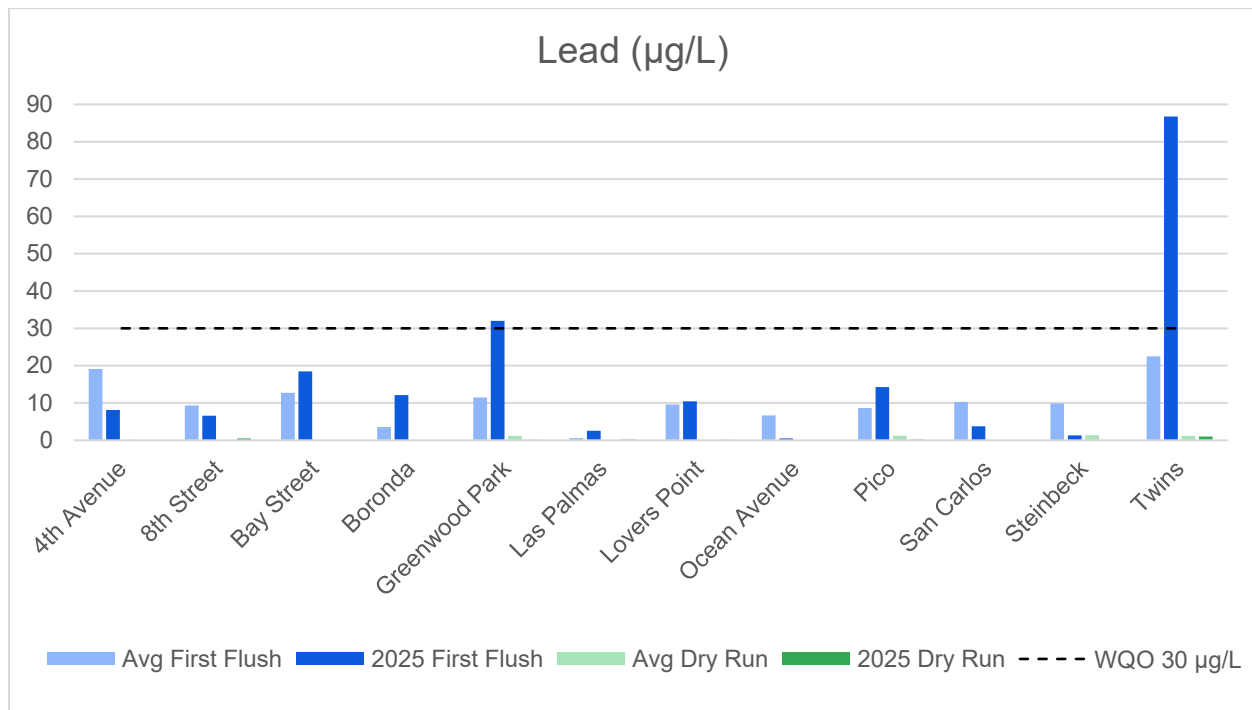


Figure 9. Lead concentrations (µg/L) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** None of the outfall sites exceeded the WQO in 2025.
- **First Flush:** Two of the sampled outfall sites exceeded the WQO in 2025. The highest averaged result of 86.8 µg/L was from Twins.

Zinc is present in tires, paint, and outdoor surfaces such as galvanized metal surfaces.

The Basin Plan WQO for total zinc is 200 µg/L. The zinc MDL was 10 µg/L for the Dry Run and First Flush.

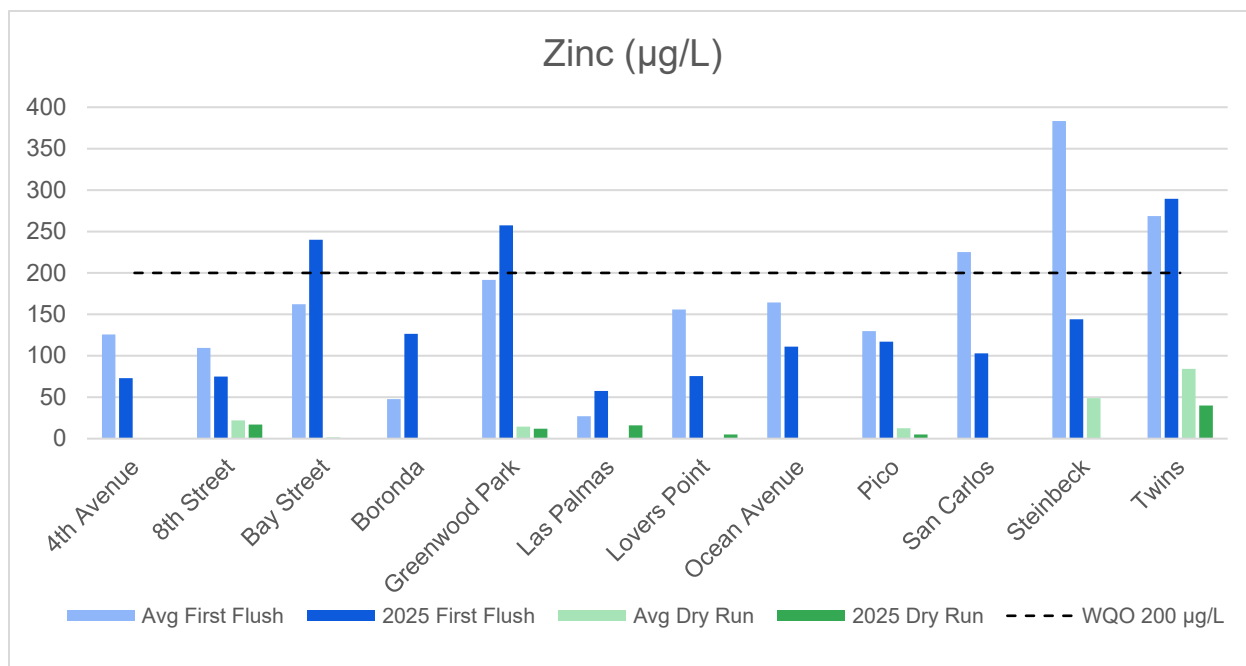


Figure 10. Zinc concentrations (µg/L) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** None of the outfall sites exceeded the WQO in 2025.
- **First Flush:** Three of the twelve sites exceeded the WQO, at Bay Street, Greenwood Park, and Twins. The highest average concentration was 289.5 µg/L at Twins.

Clarity

Color, in conjunction with other analytes, can assist in identifying a discharge of sewage, wash water, as well as industrial or commercial liquid wastes. The SWRCB NPDES MS4 General Permit Action Level for color is 500 color units; the MDL for color was 3 color units for the Dry Run and 30 color units for First Flush.

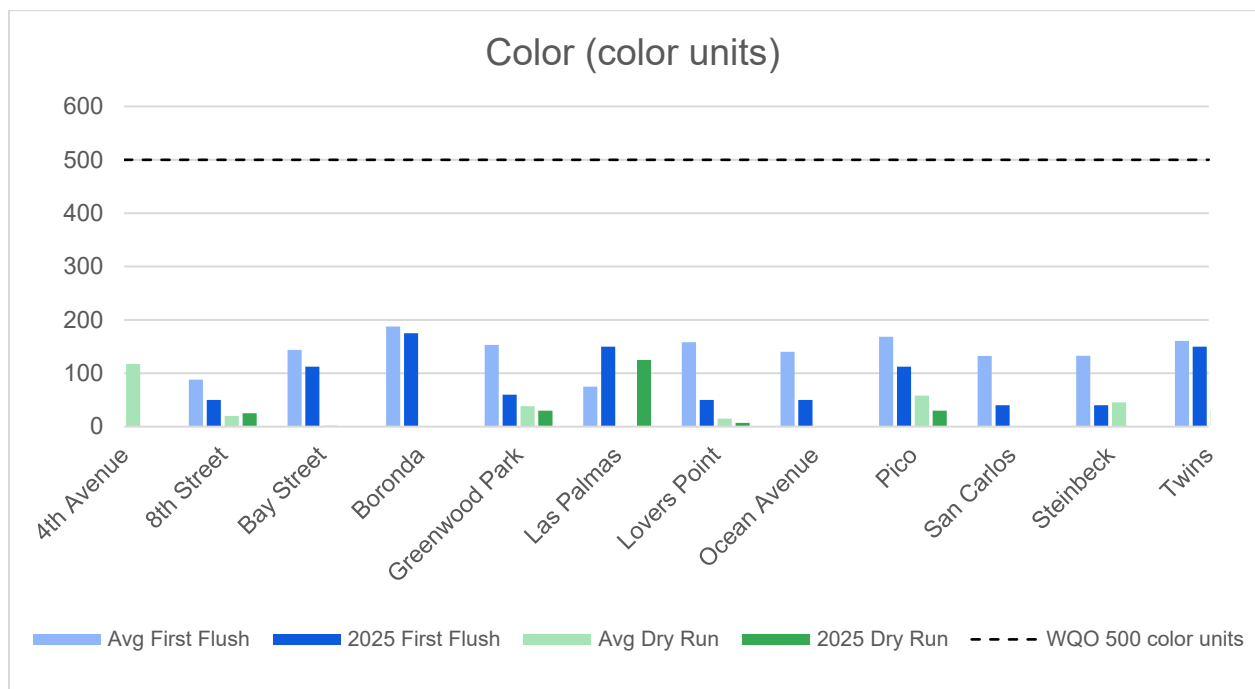


Figure 11. Color (color units) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** None of the outfall sites exceeded the Action Level in 2025.
- **First Flush:** None of the outfall sites exceeded the Action Level in 2025.

Total suspended solids (TSS) are measured because high amounts of sediment can destroy habitat, suffocate eggs in freshwater systems, limit the food supply, clog gills, or impair an organism's vision when feeding. While TSS measures the weight of the solids in the water that contribute to less water clarity, turbidity measures the transparency of water. Both are useful measurements for water clarity but have different methodologies for analysis.

The CCAMP Action Level for TSS is 500 mg/L; the MDL was 3 mg/L for both the Dry Run and First Flush.

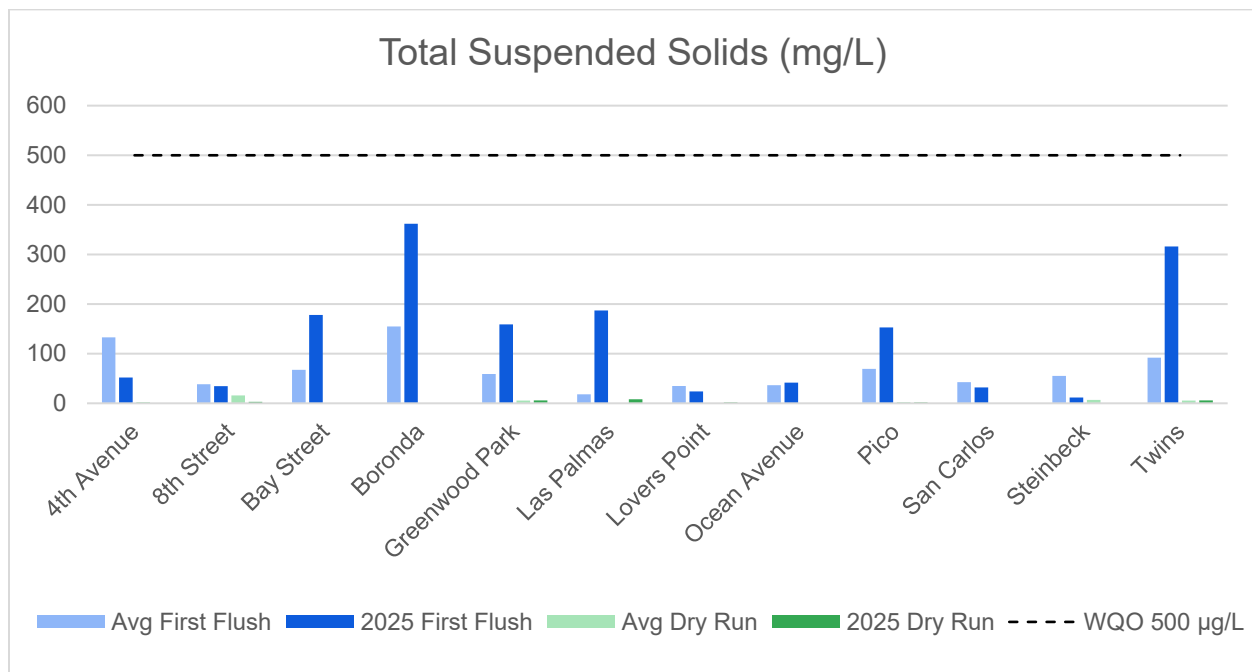


Figure 12. Total Suspended Solids (mg/L) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** No sites exceeded the Action Level in 2025.
- **First Flush:** No sites exceeded the Action Level in 2025.

Turbidity measures the transparency of water while TSS measures the weight of the solids in the water that contribute to less transparency. Both are useful measurements for water clarity but have different methodologies for analysis.

The Action Level for turbidity provided by the State Board in the General Permit is not greater than 1000 NTU. As a comparison, CCAMP lists turbidity to be not greater than 25 NTU; the CCAMP Action Level will be used for this set of data as it is more protective of water quality. The MDL was 0.1 NTU for the Dry Run and between 0.1 and 2.5 NTU for the First Flush.

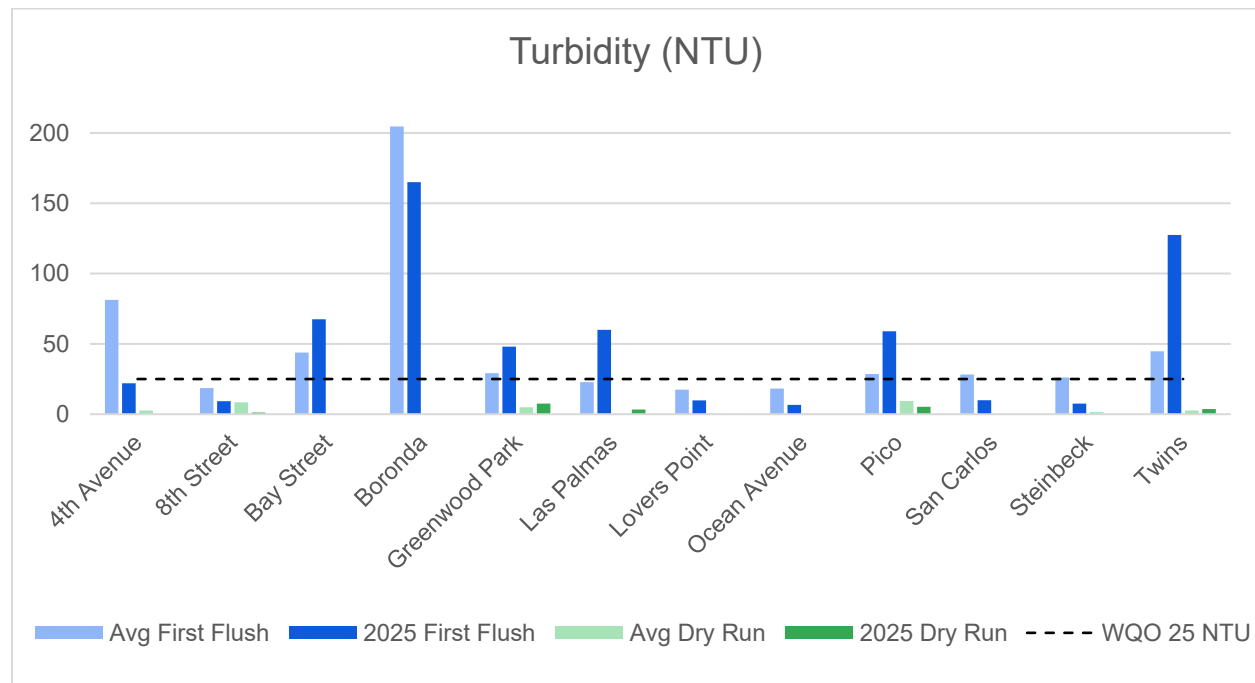


Figure 13. Turbidity (NTU) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** No sites exceeded the Action Level.
- **First Flush:** Six of the twelve sampled sites (50%) exceeded the Action Level in 2025. The highest average result of 165 NTU was from Boronda in Salinas.

Fecal Indicator Bacteria

Escherichia coli (*E. coli*) and *Enterococcus* are both indicator bacteria found in warm-blooded animals. While concentrations of generic *E. coli* and *Enterococcus* are not closely correlated with disease in humans, they are pollutants of concern because detection above the objective indicates the potential presence of pathogens that may cause disease in humans and wildlife.

The national recommended water quality criteria for *E. coli* is 235 MPN/100mL. The MDL for *E. coli* was 100 MPN/100mL for the Dry Run and First Flush.

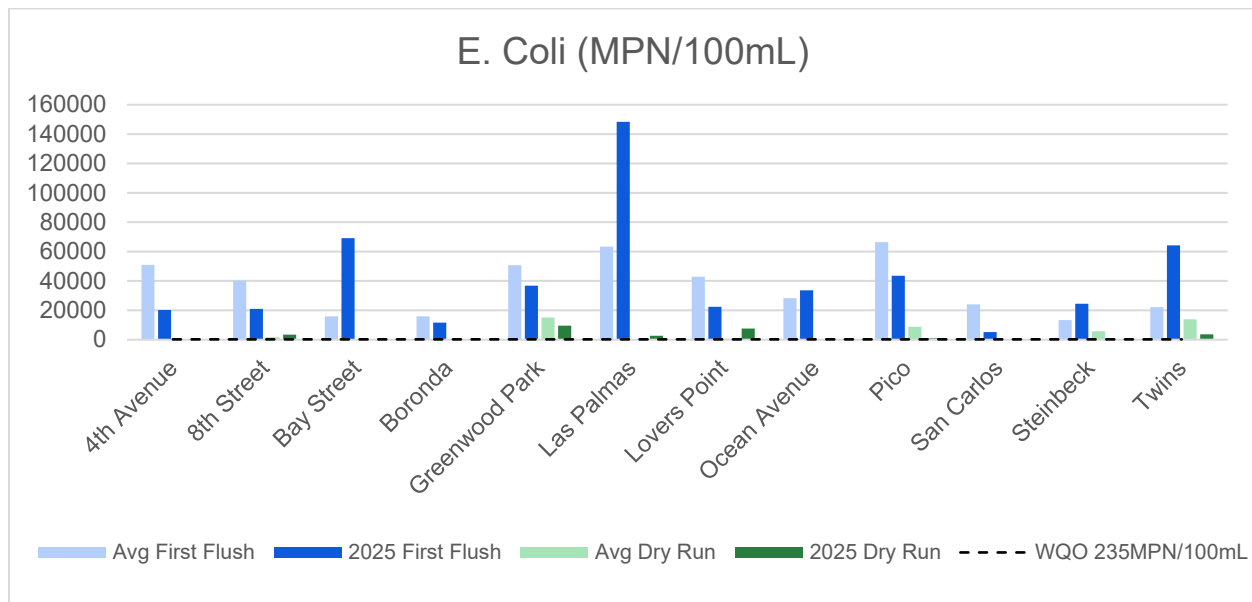


Figure 14. *E. coli* (MPN/100mL) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** All flowing outfall sites exceeded the WQO for *E. Coli* in 2025.
- **First Flush:** All sites exceeded the WQO. The highest level was 148,335 MPN/100mL at Las Palmas.

The nationally recommended water quality criteria for *Enterococcus* is 104 MPN/100mL. The MDL for *Enterococcus* was 100 MPN/100mL for the Dry Run and First Flush.

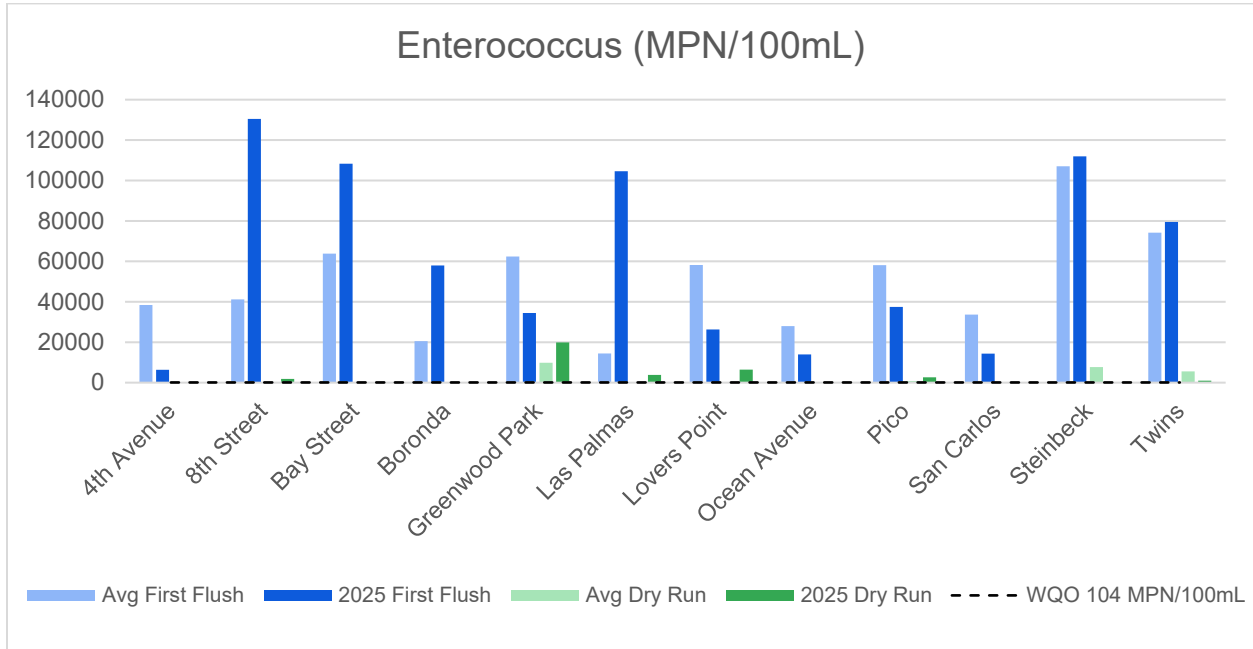


Figure 15. *Enterococcus* (MPN/100mL) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** All flowing outfall sites exceeded the WQO for *Enterococcus* in 2025. The highest *Enterococcus* result of 19,890 MPN/100mL was from Greenwood Park in Pacific Grove.
- **First Flush:** All outfall sites monitored exceeded the WQO in 2025. The highest average result of 130,500 MPN/100mL was from 8th Street.

Liquid Waste Identifiers

Hardness (as CaCO_3) in conjunction with other analytes, can assist in identifying a discharge of sewage, wash water, tap water, and industrial or commercial liquid wastes. Additionally, when hardness increases, the amount of dissolved metals biologically available to aquatic and marine life decreases resulting in a decrease in the toxicity of the metal.

The SWRCB NPDES MS4 General Permit Action Level for hardness is less than or equal to 10 mg/L or greater than or equal to 2,000 mg/L; the MDL for hardness (as CaCO_3) was 1 mg/L for the Dry Run and First Flush. The WQO level is not shown in this figure because the levels were substantially lower than 2000 mg/L.

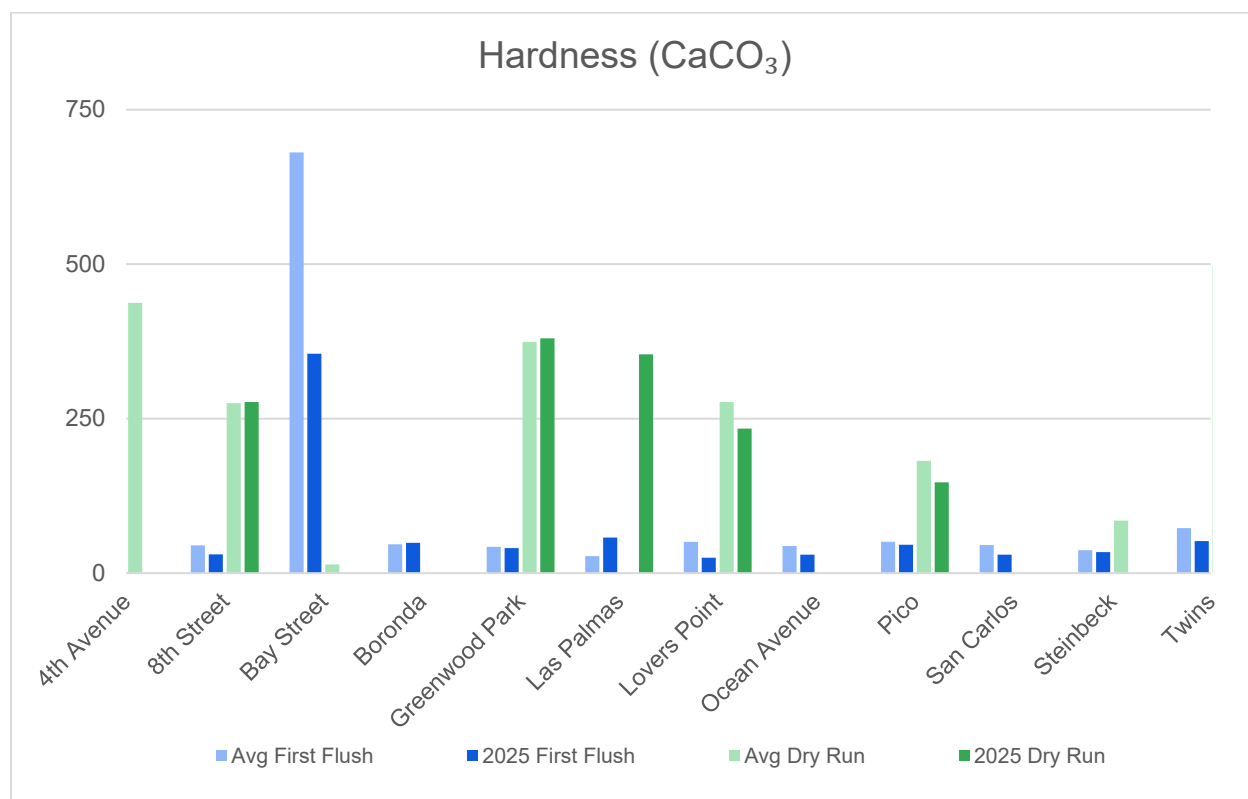


Figure 16. Hardness (CaCO_3) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run and First Flush:** None of the outfall results exceeded the acceptable range in 2025.

Potassium, in conjunction with other analytes, can assist in identifying a discharge of sewage, industrial, or commercial liquid wastes. The SWRCB NPDES MS4 General Permit Action Level for potassium is 20 mg/L. The MDL was 0.3 mg/L for both the Dry Run and First Flush.

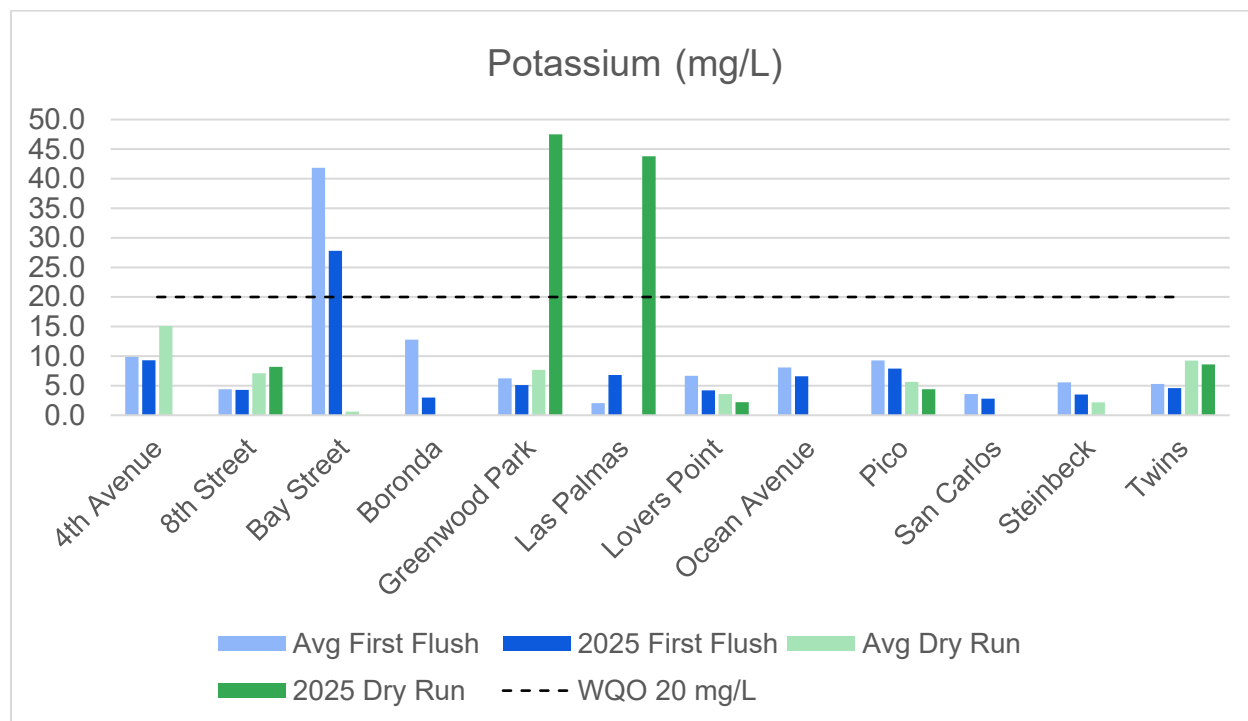


Figure 17. Potassium (mg/L) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** Two of the six outfall sites (33%) exceeded the acceptable range at Greenwood Park and Las Palmas.
- **First Flush:** One site exceeded the acceptable range at Bay St (27.8 mg/L).

MBAS surfactants in sample water can indicate a discharge from sewage or wash water, and in conjunction with other analytes, can assist in identifying a discharge of industrial or commercial liquid wastes.

The Basin Plan's WQO established for MBAS surfactants is 0.2 mg/L; the MDL for MBAS surfactants was 0.02 mg/L for the Dry Run and First Flush.

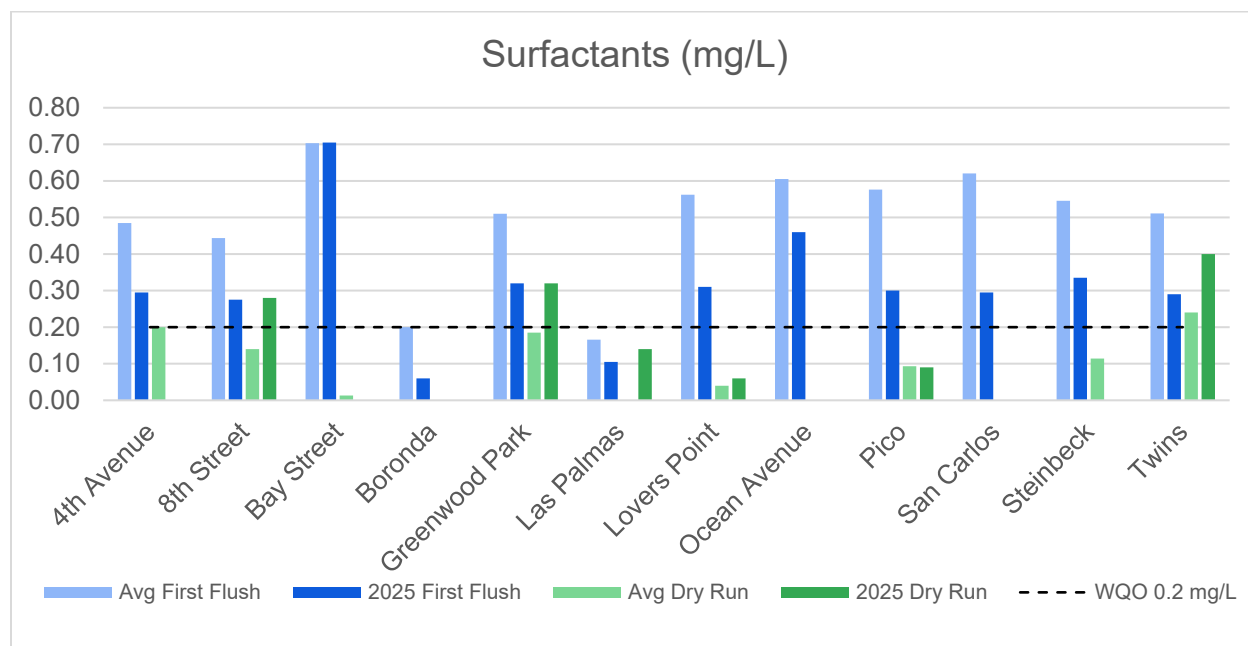


Figure 18. MBAS Surfactants (mg/L) for First Flush and Dry Run sites in 2025 and historical averages.

- **Dry Run:** Three of the six flowing outfall sites were above the WQO for MBAS surfactant concentrations in 2025. The highest result was at Twins in Monterey at 0.4 mg/L.
- **First Flush:** Ten of the 12 sites were above the WQO. The highest average result of 0.71 mg/L was from Bay Street.

Results by Jurisdiction

The following section is broken out by city or county for this permit year. All 2025 outfall results can be found in **Appendix 2** and by jurisdiction in **Appendix 3**. Sites shaded in red exceeded the WQO. Sites labeled NF, shaded in grey, had no flow.

Carmel-by-the-Sea

For the 2025-2026 permit year, two sites were monitored in Carmel: 4th Avenue and Ocean Avenue.

Table 3: Data by analyte for Carmel-by-the-Sea.

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	0.35	mg/L	50
			FF	10/13/2025	0.35	mg/L	50
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	0.76	mg/L	50
			FF	10/13/2025	0.59	mg/L	50
Color	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	50	Color Units	500
			FF	10/13/2025	50	Color Units	500
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	50	Color Units	500
			FF	10/13/2025	50	Color Units	500
Copper	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	64	µg/L	30
			FF	10/13/2025	58	µg/L	30
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	55	µg/L	30
			FF	10/13/2025	88	µg/L	30
E. coli	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	23820	MPN/100ml	235
			FF	10/13/2025	16640	MPN/100ml	235
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	38730	MPN/100ml	235
			FF	10/13/2025	28510	MPN/100ml	235
Enterococcus	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	5810	MPN/100mL	104

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Enterococcus (cont.)	4th Ave	Carmel-by-the-Sea	FF	10/13/2025	6970	MPN/100mL	104
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	12740	MPN/100mL	104
			FF	10/13/2025	15150	MPN/100mL	104
Hardness	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	68	mg/L	2000
			FF	10/13/2025	65	mg/L	2000
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	30	mg/L	2000
			FF	10/13/2025	30	mg/L	2000
Lead	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	8.2	µg/L	30
			FF	10/13/2025	8.1	µg/L	30
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	5.1	µg/L	30
			FF	10/13/2025	4.3	µg/L	30
Nitrate	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.5	mg/L	2.25
			FF	10/13/2025	0.4	mg/L	2.25
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
Orthophosphate	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.4	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.5	mg/L	0.12
			FF	10/13/2025	0.5	mg/L	0.12
Potassium	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	9.5	mg/L	20
			FF	10/13/2025	9.1	mg/L	20
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	7	mg/L	20
			FF	10/13/2025	6.1	mg/L	20
Surfactants	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.27	mg/L	0.2
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.47	mg/L	0.2
			FF	10/13/2025	0.45	mg/L	0.2

Analyte	Name	Jurisdiction	Run	Date	Result	Units	WQO
TSS	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	56	mg/L	500
			FF	10/13/2025	48	mg/L	500
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	62	mg/L	500
			FF	10/13/2025	21	mg/L	500
Turbidity	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	24	NTU	25
			FF	10/13/2025	20	NTU	25
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	7.2	NTU	25
			FF	10/13/2025	6.1	NTU	25
Urea	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	132	µg/L	N/A
			FF	10/13/2025	115	µg/L	N/A
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	280	µg/L	N/A
			FF	10/13/2025	247	µg/L	N/A
Zinc	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	74	µg/L	200
			FF	10/13/2025	72	µg/L	200
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	109	µg/L	200
			FF	10/13/2025	113	µg/L	200

For the Dry Run:

- There was no flow at either site.

For the First Flush:

- 4th Avenue and Ocean Avenue had exceedances for orthophosphate, copper, *E.coli*, Enterococcus and surfactants.

Monterey

For the 2025-2026 permit year, three sites were monitored: Twins, San Carlos, and Steinbeck. Twins had flowing water during the Dry Run. Twins outfall is owned by the U.S. Army Presidio of Monterey, and is utilized by both the City and Presidio of Monterey.

Table 4: Data by analyte for the City of Monterey.

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	0.31	mg/L	50
			FF	10/13/2025	0.31	mg/L	50
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	1.19	mg/L	50
			FF	10/13/2025	1.28	mg/L	50
	Twins	City of Monterey	DR	9/27/2025	1.34	mg/L	50
			FF	10/13/2025	0.37	mg/L	50
			FF	10/13/2025	0.45	mg/L	50
Color	San Carlos	City of Monterey	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	50	Color Units	500
			FF	10/13/2025	30	Color Units	500
	Steinbeck	City of Monterey	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	30	Color Units	500
			FF	10/13/2025	50	Color Units	500
	Twins	City of Monterey	DR	9/27/2025	75	Color Units	500
			FF	10/13/2025	175	Color Units	500
			FF	10/13/2025	125	Color Units	500
Copper	San Carlos	City of Monterey	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	24	µg/L	30
			FF	10/13/2025	18	µg/L	30
	Steinbeck	City of Monterey	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	31	µg/L	30
			FF	10/13/2025	48	µg/L	30
	Twins	City of Monterey	DR	9/27/2025	15	µg/L	30
			FF	10/13/2025	63	µg/L	30
			FF	10/13/2025	29	µg/L	30
E. coli	San Carlos	City of Monterey	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	5730	MPN/100ml	235
			FF	10/13/2025	4730	MPN/100ml	235
	Steinbeck	City of Monterey	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	27550	MPN/100ml	235

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
E. coli (cont.)	Steinbeck	City of Monterey	FF	10/13/2025	21430	MPN/100ml	235
	Twins	City of Monterey	DR	9/27/2025	3680	MPN/100ml	235
			FF	10/13/2025	104620	MPN/100ml	235
			FF	10/13/2025	23820	MPN/100ml	235
Enterococcus	San Carlos	City of Monterey	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	18500	MPN/100mL	104
			FF	10/13/2025	10170	MPN/100mL	104
	Steinbeck	City of Monterey	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	111990	MPN/100mL	104
			FF	10/13/2025	111990	MPN/100mL	104
	Twins	City of Monterey	DR	9/27/2025	980	MPN/100mL	104
			FF	10/13/2025	129970	MPN/100mL	104
			FF	10/13/2025	29090	MPN/100mL	104
Hardness	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	22	mg/L	2000
			FF	10/13/2025	38	mg/L	2000
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	30	mg/L	2000
			FF	10/13/2025	38	mg/L	2000
	Twins	City of Monterey	DR	9/27/2025	432	mg/L	2000
			FF	10/13/2025	57	mg/L	2000
			FF	10/13/2025	47	mg/L	2000
Lead	San Carlos	City of Monterey	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	4.3	µg/L	30
			FF	10/13/2025	3.2	µg/L	30
	Steinbeck	City of Monterey	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	1.5	µg/L	30
			FF	10/13/2025	1.1	µg/L	30
	Twins	City of Monterey	DR	9/27/2025	1	µg/L	30
			FF	10/13/2025	132	µg/L	30
			FF	10/13/2025	41.5	µg/L	30
Nitrate	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.7	mg/L	2.25
			FF	10/13/2025	1.2	mg/L	2.25
	Twins	City of Monterey	DR	9/27/2025	0.08	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
Orthophosphate	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	0.12

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Orthophosphate (cont.)	San Carlos	City of Monterey	FF	10/13/2025	0.2	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.7	mg/L	0.12
			FF	10/13/2025	0.8	mg/L	0.12
	Twins	City of Monterey	DR	9/27/2025	0.4	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
Potassium	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	2.8	mg/L	20
			FF	10/13/2025	2.7	mg/L	20
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	3.2	mg/L	20
			FF	10/13/2025	3.7	mg/L	20
	Twins	City of Monterey	DR	9/27/2025	8.6	mg/L	20
			FF	10/13/2025	5.2	mg/L	20
			FF	10/13/2025	3.9	mg/L	20
Surfactants	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.26	mg/L	0.2
			FF	10/13/2025	0.33	mg/L	0.2
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.34	mg/L	0.2
			FF	10/13/2025	0.33	mg/L	0.2
	Twins	City of Monterey	DR	9/27/2025	0.4	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.26	mg/L	0.2
TSS	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	40	mg/L	500
			FF	10/13/2025	24	mg/L	500
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	14	mg/L	500
			FF	10/13/2025	9	mg/L	500
	Twins	City of Monterey	DR	9/27/2025	6	mg/L	500
			FF	10/13/2025	486	mg/L	500
			FF	10/13/2025	146	mg/L	500
Turbidity	San Carlos	City of Monterey	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	8.9	NTU	25
			FF	10/13/2025	11	NTU	25
	Steinbeck	City of Monterey	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	8.2	NTU	25
			FF	10/13/2025	7	NTU	25

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Turbidity (cont.)	Twins	City of Monterey	DR	9/27/2025	3.7	NTU	25
			FF	10/13/2025	190	NTU	25
			FF	10/13/2025	65	NTU	25
Urea	San Carlos	City of Monterey	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	185	µg/L	N/A
			FF	10/13/2025	194	µg/L	N/A
	Steinbeck	City of Monterey	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	615	µg/L	N/A
			FF	10/13/2025	459	µg/L	N/A
	Twins	City of Monterey	DR	9/27/2025	353	µg/L	N/A
			FF	10/13/2025	252	µg/L	N/A
			FF	10/13/2025	166	µg/L	N/A
Zinc	San Carlos	City of Monterey	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	96	µg/L	200
			FF	10/13/2025	110	µg/L	200
	Steinbeck	City of Monterey	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	134	µg/L	200
			FF	10/13/2025	154	µg/L	200
	Twins	City of Monterey	DR	9/27/2025	40	µg/L	200
			FF	10/13/2025	421	µg/L	200
			FF	10/13/2025	158	µg/L	200

For the Dry Run:

- Twins had exceedances for *E.coli*, Enterococcus, orthophosphate, and surfactants.

During the First Flush:

- All three sites had exceedances for *E.coli*, Enterococcus, orthophosphate, and surfactants.
- Steinbeck and Twins had exceedances for copper.
- Twins also had exceedances for lead, turbidity and zinc.

Monterey County

For the 2025-2026 permit year, two sites were monitored: Boronda and Las Palmas. There was no flow at Boronda for the Dry Run.

Table 5: Data by analyte for the County of Monterey.

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	0.28	mg/L	50
			FF	10/13/2025	0.24	mg/L	50
	Las Palmas	Monterey County	DR	9/27/2025	0.38	mg/L	50
			FF	10/13/2025	0.12	mg/L	50
			FF	10/13/2025	0.14	mg/L	50
Color	Boronda	Monterey County	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	175	Color Units	500
			FF	10/13/2025	175	Color Units	500
	Las Palmas	Monterey County	DR	9/27/2025	125	Color Units	500
			FF	10/13/2025	175	Color Units	500
			FF	10/13/2025	125	Color Units	500
Copper	Boronda	Monterey County	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	17	µg/L	30
			FF	10/13/2025	12	µg/L	30
	Las Palmas	Monterey County	DR	9/27/2025	10	µg/L	30
			FF	10/13/2025	3.5	µg/L	30
			FF	10/13/2025	3.5	µg/L	30
E. coli	Boronda	Monterey County	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	10170	MPN/100ml	235
			FF	10/13/2025	12960	MPN/100ml	235
	Las Palmas	Monterey County	DR	9/27/2025	2690	MPN/100ml	235
			FF	10/13/2025	155310	MPN/100ml	235
			FF	10/13/2025	141360	MPN/100ml	235
Enterococcus	Boronda	Monterey County	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	57940	MPN/100mL	104
			FF	10/13/2025	57940	MPN/100mL	104
	Las Palmas	Monterey County	DR	9/27/2025	3840	MPN/100mL	104
			FF	10/13/2025	104620	MPN/100mL	104
			FF	10/13/2025	104620	MPN/100mL	104
Hardness	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	51	mg/L	2000
			FF	10/13/2025	47	mg/L	2000

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Hardness (cont.)	Las Palmas	Monterey County	DR	9/27/2025	354	mg/L	2000
			FF	10/13/2025	53	mg/L	2000
			FF	10/13/2025	62	mg/L	2000
Lead	Boronda	Monterey County	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	11.8	µg/L	30
			FF	10/13/2025	12.4	µg/L	30
	Las Palmas	Monterey County	DR	9/27/2025	0.2	µg/L	30
			FF	10/13/2025	3.1	µg/L	30
			FF	10/13/2025	2	µg/L	30
Nitrate	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
	Las Palmas	Monterey County	DR	9/27/2025	2.4	mg/L	2.25
			FF	10/13/2025	0.4	mg/L	2.25
			FF	10/13/2025	0.4	mg/L	2.25
Orthophosphate	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
	Las Palmas	Monterey County	DR	9/27/2025	1.1	mg/L	0.12
			FF	10/13/2025	0.4	mg/L	0.12
			FF	10/13/2025	0.4	mg/L	0.12
Potassium	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	3.2	mg/L	20
			FF	10/13/2025	2.7	mg/L	20
	Las Palmas	Monterey County	DR	9/27/2025	43.8	mg/L	20
			FF	10/13/2025	6.9	mg/L	20
			FF	10/13/2025	6.7	mg/L	20
Surfactants	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.07	mg/L	0.2
			FF	10/13/2025	0.05	mg/L	0.2
	Las Palmas	Monterey County	DR	9/27/2025	0.14	mg/L	0.2
			FF	10/13/2025	0.1	mg/L	0.2
			FF	10/13/2025	0.11	mg/L	0.2
TSS	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	348	mg/L	500
			FF	10/13/2025	376	mg/L	500
	Las Palmas	Monterey County	DR	9/27/2025	8	mg/L	500
			FF	10/13/2025	226	mg/L	500
			FF	10/13/2025	148	mg/L	500
Turbidity	Boronda	Monterey County	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	180	NTU	25

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Turbidity (cont.)	Boronda	Monterey County	FF	10/13/2025	150	NTU	25
	Las Palmas	Monterey County	DR	9/27/2025	3.3	NTU	25
			FF	10/13/2025	100	NTU	25
			FF	10/13/2025	20	NTU	25
Urea	Boronda	Monterey County	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	127	µg/L	N/A
			FF	10/13/2025	107	µg/L	N/A
	Las Palmas	Monterey County	DR	9/27/2025	89	µg/L	N/A
			FF	10/13/2025	127	µg/L	N/A
			FF	10/13/2025	88	µg/L	N/A
Zinc	Boronda	Monterey County	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	131	µg/L	200
			FF	10/13/2025	122	µg/L	200
	Las Palmas	Monterey County	DR	9/27/2025	16	µg/L	200
			FF	10/13/2025	63	µg/L	200
			FF	10/13/2025	52	µg/L	200

During the Dry Run:

- Las Palmas had exceedances for *E.coli*, Enterococcus, nitrate, orthophosphate, and potassium.

During First Flush:

- Las Palmas and Boronda had exceedances for *E.coli*, Enterococcus, orthophosphate, and turbidity.

Pacific Grove

For the 2025-2026 permit year, four sites were monitored: 8th Street, Greenwood Park, Lovers Point and Pico. The two sites on the Hopkins Marine Station campus were not sampled because of restricted access after business hours. The 8th Street, Greenwood Park and Lovers Point watersheds have dry weather urban runoff diversions within the storm drain system that divert flow to Monterey One Water for treatment from April to October. In recent years, this dry-weather diversion has been left on throughout the winter season which eliminates storm drain runoff into the ocean within the diversion area. For the 2025 Dry Run and First Flush the diversion remained in operation. Dry Run and First Flush samples were collected at the following sites: Greenwood Park (upstream of the diversion), Pico (outside of the diversion area), Lovers Point (upstream of the diversion) and 8th Street (downstream of the diversion).

Table 6: Data by analyte for the City of Pacific Grove.

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia	8th St	Pacific Grove	DR	9/27/2025	0.03	mg/L	50
			FF	10/13/2025	0.21	mg/L	50
			FF	10/13/2025	0.23	mg/L	50
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.42	mg/L	50
			FF	10/13/2025	0.33	mg/L	50
			FF	10/13/2025	0.32	mg/L	50
	Lovers Point	Pacific Grove	DR	9/27/2025	0.03	mg/L	50
			FF	10/13/2025	0.4	mg/L	50
			FF	10/13/2025	0.31	mg/L	50
	Pico	Pacific Grove	DR	9/27/2025	0.03	mg/L	50
			FF	10/13/2025	0.33	mg/L	50
			FF	10/13/2025	0.27	mg/L	50
Color	8th St	Pacific Grove	DR	9/27/2025	25	Color Units	500
			FF	10/13/2025	50	Color Units	500
			FF	10/13/2025	50	Color Units	500
	Greenwood Park	Pacific Grove	DR	9/27/2025	30	Color Units	500
			FF	10/13/2025	70	Color Units	500
			FF	10/13/2025	50	Color Units	500
	Lovers Point	Pacific Grove	DR	9/27/2025	7	Color Units	500
			FF	10/13/2025	50	Color Units	500
			FF	10/13/2025	50	Color Units	500
	Pico	Pacific Grove	DR	9/27/2025	30	Color Units	500

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Color (cont.)	Pico	Pacific Grove	FF	10/13/2025	175	Color Units	500
			FF	10/13/2025	50	Color Units	500
Copper	8th St	Pacific Grove	DR	9/27/2025	14	µg/L	30
			FF	10/13/2025	18	µg/L	30
			FF	10/13/2025	22	µg/L	30
	Greenwood Park	Pacific Grove	DR	9/27/2025	13	µg/L	30
			FF	10/13/2025	60	µg/L	30
			FF	10/13/2025	15	µg/L	30
	Lovers Point	Pacific Grove	DR	9/27/2025	3.5	µg/L	30
			FF	10/13/2025	16	µg/L	30
			FF	10/13/2025	26	µg/L	30
	Pico	Pacific Grove	DR	9/27/2025	3.5	µg/L	30
			FF	10/13/2025	34	µg/L	30
			FF	10/13/2025	19	µg/L	30
E. coli	8th St	Pacific Grove	DR	9/27/2025	3410	MPN/100ml	235
			FF	10/13/2025	20980	MPN/100ml	235
			FF	10/13/2025	241960	MPN/100ml	235
	Greenwood Park	Pacific Grove	DR	9/27/2025	9600	MPN/100ml	235
			FF	10/13/2025	46110	MPN/100ml	235
			FF	10/13/2025	27550	MPN/100ml	235
	Lovers Point	Pacific Grove	DR	9/27/2025	7630	MPN/100ml	235
			FF	10/13/2025	26130	MPN/100ml	235
			FF	10/13/2025	18720	MPN/100ml	235
	Pico	Pacific Grove	DR	9/27/2025	970	MPN/100ml	235
			FF	10/13/2025	57940	MPN/100ml	235
			FF	10/13/2025	29090	MPN/100ml	235
Enterococcus	8th St	Pacific Grove	DR	9/27/2025	1830	MPN/100mL	104
			FF	10/13/2025	19040	MPN/100mL	104
			FF	10/13/2025	241960	MPN/100mL	104
	Greenwood Park	Pacific Grove	DR	9/27/2025	19890	MPN/100mL	104
			FF	10/13/2025	46110	MPN/100mL	104
			FF	10/13/2025	22820	MPN/100mL	104
	Lovers Point	Pacific Grove	DR	9/27/2025	6440	MPN/100mL	104
			FF	10/13/2025	20140	MPN/100mL	104
			FF	10/13/2025	32550	MPN/100mL	104
	Pico	Pacific Grove	DR	9/27/2025	2620	MPN/100mL	104
			FF	10/13/2025	48840	MPN/100mL	104
			FF	10/13/2025	26030	MPN/100mL	104
Hardness	8th St	Pacific Grove	DR	9/27/2025	277	mg/L	2000
			FF	10/13/2025	30	mg/L	2000
			FF	10/13/2025	31	mg/L	2000

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Hardness (cont.)	Greenwood Park	Pacific Grove	DR	9/27/2025	380	mg/L	2000
			FF	10/13/2025	55	mg/L	2000
			FF	10/13/2025	26	mg/L	2000
	Lovers Point	Pacific Grove	DR	9/27/2025	234	mg/L	2000
			FF	10/13/2025	24	mg/L	2000
			FF	10/13/2025	26	mg/L	2000
	Pico	Pacific Grove	DR	9/27/2025	147	mg/L	2000
			FF	10/13/2025	55	mg/L	2000
			FF	10/13/2025	37	mg/L	2000
Lead	8th St	Pacific Grove	DR	9/27/2025	0.5	µg/L	30
			FF	10/13/2025	8.3	µg/L	30
			FF	10/13/2025	4.9	µg/L	30
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.05	µg/L	30
			FF	10/13/2025	58.9	µg/L	30
			FF	10/13/2025	5.1	µg/L	30
	Lovers Point	Pacific Grove	DR	9/27/2025	0.05	µg/L	30
			FF	10/13/2025	5.7	µg/L	30
			FF	10/13/2025	15.2	µg/L	30
	Pico	Pacific Grove	DR	9/27/2025	0.2	µg/L	30
			FF	10/13/2025	23.3	µg/L	30
			FF	10/13/2025	5.2	µg/L	30
Nitrate	8th St	Pacific Grove	DR	9/27/2025	0.7	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.08	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
	Lovers Point	Pacific Grove	DR	9/27/2025	3.3	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
	Pico	Pacific Grove	DR	9/27/2025	1.6	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
Orthophosphate	8th St	Pacific Grove	DR	9/27/2025	0.2	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
	Lovers Point	Pacific Grove	DR	9/27/2025	0.08	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Orthophosphate (cont.)	Lovers Point	Pacific Grove	FF	10/13/2025	0.3	mg/L	0.12
	Pico	Pacific Grove	DR	9/27/2025	0.08	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
Potassium	8th St	Pacific Grove	DR	9/27/2025	8.2	mg/L	20
			FF	10/13/2025	3.9	mg/L	20
			FF	10/13/2025	4.6	mg/L	20
	Greenwood Park	Pacific Grove	DR	9/27/2025	47.5	mg/L	20
			FF	10/13/2025	5.4	mg/L	20
			FF	10/13/2025	4.7	mg/L	20
	Lovers Point	Pacific Grove	DR	9/27/2025	2.2	mg/L	20
			FF	10/13/2025	4.6	mg/L	20
			FF	10/13/2025	3.8	mg/L	20
	Pico	Pacific Grove	DR	9/27/2025	4.4	mg/L	20
			FF	10/13/2025	8.2	mg/L	20
			FF	10/13/2025	7.6	mg/L	20
Surfactants	8th St	Pacific Grove	DR	9/27/2025	0.28	mg/L	0.2
			FF	10/13/2025	0.23	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
	Lovers Point	Pacific Grove	DR	9/27/2025	0.06	mg/L	0.2
			FF	10/13/2025	0.36	mg/L	0.2
			FF	10/13/2025	0.26	mg/L	0.2
	Pico	Pacific Grove	DR	9/27/2025	0.09	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.28	mg/L	0.2
TSS	8th St	Pacific Grove	DR	9/27/2025	3	mg/L	500
			FF	10/13/2025	46	mg/L	500
			FF	10/13/2025	23	mg/L	500
	Greenwood Park	Pacific Grove	DR	9/27/2025	6	mg/L	500
			FF	10/13/2025	278	mg/L	500
			FF	10/13/2025	40	mg/L	500
	Lovers Point	Pacific Grove	DR	9/27/2025	1.5	mg/L	500
			FF	10/13/2025	26	mg/L	500
			FF	10/13/2025	22	mg/L	500
	Pico	Pacific Grove	DR	9/27/2025	1.5	mg/L	500
			FF	10/13/2025	250	mg/L	500
			FF	10/13/2025	56	mg/L	500
Turbidity	8th St	Pacific Grove	DR	9/27/2025	1.2	NTU	25

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Turbidity (cont.)	8th St	Pacific Grove	FF	10/13/2025	11	NTU	25
			FF	10/13/2025	7.5	NTU	25
	Greenwood Park	Pacific Grove	DR	9/27/2025	7.5	NTU	25
			FF	10/13/2025	80	NTU	25
			FF	10/13/2025	16	NTU	25
	Lovers Point	Pacific Grove	DR	9/27/2025	0.3	NTU	25
			FF	10/13/2025	7.6	NTU	25
			FF	10/13/2025	12	NTU	25
	Pico	Pacific Grove	DR	9/27/2025	5.3	NTU	25
			FF	10/13/2025	100	NTU	25
			FF	10/13/2025	18	NTU	25
Urea	8th St	Pacific Grove	DR	9/27/2025	47	µg/L	N/A
			FF	10/13/2025	135	µg/L	N/A
			FF	10/13/2025	144	µg/L	N/A
	Greenwood Park	Pacific Grove	DR	9/27/2025	229	µg/L	N/A
			FF	10/13/2025	169	µg/L	N/A
			FF	10/13/2025	174	µg/L	N/A
	Lovers Point	Pacific Grove	DR	9/27/2025	143	µg/L	N/A
			FF	10/13/2025	136	µg/L	N/A
			FF	10/13/2025	140	µg/L	N/A
	Pico	Pacific Grove	DR	9/27/2025	79	µg/L	N/A
			FF	10/13/2025	136	µg/L	N/A
			FF	10/13/2025	112	µg/L	N/A
Zinc	8th St	Pacific Grove	DR	9/27/2025	17	µg/L	200
			FF	10/13/2025	85	µg/L	200
			FF	10/13/2025	65	µg/L	200
	Greenwood Park	Pacific Grove	DR	9/27/2025	12	µg/L	200
			FF	10/13/2025	417	µg/L	200
			FF	10/13/2025	98	µg/L	200
	Lovers Point	Pacific Grove	DR	9/27/2025	5	µg/L	200
			FF	10/13/2025	65	µg/L	200
			FF	10/13/2025	86	µg/L	200
	Pico	Pacific Grove	DR	9/27/2025	5	µg/L	200
			FF	10/13/2025	170	µg/L	200
			FF	10/13/2025	64	µg/L	200

For the Dry Run:

- All sites had exceedances for *E.coli* and Enterococcus.
- 8th St and Greenwood Park had exceedances for surfactants and orthophosphate.
- Greenwood Park had an exceedance for potassium.
- Lovers Point had an exceedance for nitrate.

During the First Flush:

- All sites had exceedances for *E.coli*, Enterococcus, surfactants and orthophosphate.
- Greenwood Park and Pico had exceedances for copper and turbidity.
- Greenwood Park had exceedances for lead and zinc.

Seaside

For the 2025-2026 permit year, Bay Street was the only site monitored. Bay Street was not flowing during the Dry Run sampling.

Table 7: Data by analyte for the City of Seaside / Sand City.

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	1.11	mg/L	50
			FF	10/13/2025	0.74	mg/L	50
Color	Bay St	Seaside / Sand City	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	175	Color Units	500
			FF	10/13/2025	50	Color Units	500
Copper	Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	41	µg/L	30
			FF	10/13/2025	37	µg/L	30
E. coli	Bay St	Seaside / Sand City	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	61310	MPN/100ml	235
			FF	10/13/2025	77010	MPN/100ml	235
Enterococcus	Bay St	Seaside / Sand City	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	111990	MPN/100mL	104
			FF	10/13/2025	104620	MPN/100mL	104
Hardness	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	630	mg/L	2000
			FF	10/13/2025	80	mg/L	2000
Lead	Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	11.2	µg/L	30
			FF	10/13/2025	25.7	µg/L	30
Nitrate	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.5	mg/L	2.25
			FF	10/13/2025	0.6	mg/L	2.25
Orthophosphate	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
Potassium	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	48.3	mg/L	20
			FF	10/13/2025	7.2	mg/L	20
Surfactants	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	1.18	mg/L	0.2

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Surfactants (cont.)	Bay St	Seaside / Sand City	FF	10/13/2025	0.23	mg/L	0.2
TSS	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	156	mg/L	500
			FF	10/13/2025	200	mg/L	500
Turbidity	Bay St	Seaside / Sand City	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	70	NTU	25
			FF	10/13/2025	65	NTU	25
Urea	Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	313	µg/L	N/A
			FF	10/13/2025	415	µg/L	N/A
Zinc	Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	224	µg/L	200
			FF	10/13/2025	256	µg/L	200

During the First Flush:

- Bay St. had exceedances for *E.coli*, Enterococcus, copper, surfactants, orthophosphate, potassium, surfactants, turbidity and zinc.

All 2026 outfall results can be found in **Appendix 2** and by jurisdiction in **Appendix 3**.

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 2025-2026 permit year, twelve 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 to 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 Monterey Bay National Marine Sanctuary. 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.

Appendix 1: MRSWMP Monitoring Sites

MRSWMP Monitoring Sites (Listed from North to South)

Jurisdiction	Site ID	Site Name	Drainage Area (acres)	Primary Land Use	MRSWMP Outfall #	Pipe ID (Inches)
Monterey County	SASD-01	Boronda	86	39% Residential 23% Cultivated 19% Industrial	MC-013	24"
Monterey County	SASD-02	Las Palmas	158	3% Commercial 31% Residential 60% Open space	MSP-025	Box culvert
Seaside & Sand City	SSD-02	Bay Street	1200	80% Residential 10% Commercial 10% Public/Other	SC-1	90
Monterey/U.S. Army Presidio of Monterey	MSD-03	Twins	291	63% Residential 15% Commercial 22% Public/Other	M-15	51" (x2)
Monterey	MSD-04	San Carlos	22	12% Commercial 38% Residential 50% Public/Other	M-7	24"
Monterey	MSD-05	Steinbeck	37	66% Commercial 12% Residential 22% Public/Other	M-3	36"
Pacific Grove	PGSD-01	8 th Street	35	100% Residential	PG-32	24"

Jurisdiction	Site ID	Site Name	Drainage Area (acres)	Primary Land Use	MRSWMP Outfall #	Pipe ID (Inches)
Pacific Grove	CENTR-31	Greenwood Park	238.3	71% Residential 5% Commercial 25% Public/Other	PG-28	36"
Pacific Grove	PGSD-03	Lovers Point	240	54% Residential 1% Commercial 20% Other	PG-22	54"
Pacific Grove	PGSD-04	Pico	17.56	60% Residential 40% Public	PG-03	40"
Carmel-by-the-Sea	CASD-01	4 th Avenue	128.0	86% residential 7% Comm/Res 7% Public/Other	C-1	36"x60" Box culvert
Carmel-by-the-Sea	CASD-02	Ocean Avenue	115.2	22% Commercial 71% Residential 7% Comm/Res	C-2	24"

Appendix 2: Results by Analyte (listed alphabetically)

Red shading: Results exceed WQO or Action Level

Grey shading, NF: No flow, no sample collected

Ammonia (WQO 50 mg/L)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	0.35	mg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	0.68	mg/L
San Carlos	Monterey	DR	9/27/2025	NF	mg/L
San Carlos	Monterey	FF	10/13/2025	0.31	mg/L
Steinbeck	Monterey	DR	9/27/2025	NF	mg/L
Steinbeck	Monterey	FF	10/13/2025	1.24	mg/L
Twins	Monterey	DR	9/27/2025	1.34	mg/L
Twins	Monterey	FF	10/13/2025	0.41	mg/L
Boronda	Monterey County	DR	9/27/2025	NF	mg/L
Boronda	Monterey County	FF	10/13/2025	0.26	mg/L
Las Palmas	Monterey County	DR	9/27/2025	0.38	mg/L
Las Palmas	Monterey County	FF	10/13/2025	0.13	mg/L
8th St	Pacific Grove	DR	9/27/2025	0.03	mg/L
8th St	Pacific Grove	FF	10/13/2025	0.22	mg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	0.42	mg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	0.33	mg/L
Lovers Point	Pacific Grove	DR	9/27/2025	0.03	mg/L
Lovers Point	Pacific Grove	FF	10/13/2025	0.36	mg/L
Pico	Pacific Grove	DR	9/27/2025	0.03	mg/L
Pico	Pacific Grove	FF	10/13/2025	0.30	mg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L
Bay St	Seaside / Sand City	FF	10/13/2025	0.93	mg/L

Color (WQO 500 color units)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	Color Units
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	50.0	Color Units
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	Color Units
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	50.0	Color Units
San Carlos	Monterey	DR	9/27/2025	NF	Color Units
San Carlos	Monterey	FF	10/13/2025	40.0	Color Units
Steinbeck	Monterey	DR	9/27/2025	NF	Color Units
Steinbeck	Monterey	FF	10/13/2025	40.0	Color Units
Twins	Monterey	DR	9/27/2025	75.0	Color Units
Twins	Monterey	FF	10/13/2025	150.0	Color Units
Boronda	Monterey County	DR	9/27/2025	NF	Color Units
Boronda	Monterey County	FF	10/13/2025	175.0	Color Units
Las Palmas	Monterey County	DR	9/27/2025	125.0	Color Units
Las Palmas	Monterey County	FF	10/13/2025	150.0	Color Units
8th St	Pacific Grove	DR	9/27/2025	25.0	Color Units
8th St	Pacific Grove	FF	10/13/2025	50.0	Color Units
Greenwood Park	Pacific Grove	DR	9/27/2025	30.0	Color Units
Greenwood Park	Pacific Grove	FF	10/13/2025	60.0	Color Units
Lovers Point	Pacific Grove	DR	9/27/2025	7.0	Color Units
Lovers Point	Pacific Grove	FF	10/13/2025	50.0	Color Units
Pico	Pacific Grove	DR	9/27/2025	30.0	Color Units
Pico	Pacific Grove	FF	10/13/2025	112.5	Color Units
Bay St	Seaside / Sand City	DR	9/27/2025	NF	Color Units
Bay St	Seaside / Sand City	FF	10/13/2025	112.5	Color Units

Copper (WQO 30 µg/L)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	61.0	µg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	71.5	µg/L
San Carlos	Monterey	DR	9/27/2025	NF	µg/L
San Carlos	Monterey	FF	10/13/2025	21.0	µg/L
Steinbeck	Monterey	DR	9/27/2025	NF	µg/L
Steinbeck	Monterey	FF	10/13/2025	39.5	µg/L
Twins	Monterey	DR	9/27/2025	15.0	µg/L
Twins	Monterey	FF	10/13/2025	46.0	µg/L
Boronda	Monterey County	DR	9/27/2025	NF	µg/L
Boronda	Monterey County	FF	10/13/2025	14.5	µg/L
Las Palmas	Monterey County	DR	9/27/2025	10.0	µg/L
Las Palmas	Monterey County	FF	10/13/2025	3.5	µg/L
8th St	Pacific Grove	DR	9/27/2025	14.0	µg/L
8th St	Pacific Grove	FF	10/13/2025	20.0	µg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	13.0	µg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	37.5	µg/L
Lovers Point	Pacific Grove	DR	9/27/2025	3.5	µg/L
Lovers Point	Pacific Grove	FF	10/13/2025	21.0	µg/L
Pico	Pacific Grove	DR	9/27/2025	3.5	µg/L
Pico	Pacific Grove	FF	10/13/2025	26.5	µg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L
Bay St	Seaside / Sand City	FF	10/13/2025	39.0	µg/L

E. coli (235 MPN/100mL)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100ml
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	20230	MPN/100ml
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100ml
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	33620	MPN/100ml
San Carlos	Monterey	DR	9/27/2025	NF	MPN/100ml
San Carlos	Monterey	FF	10/13/2025	5230	MPN/100ml
Steinbeck	Monterey	DR	9/27/2025	NF	MPN/100ml
Steinbeck	Monterey	FF	10/13/2025	24490	MPN/100ml
Twins	Monterey	DR	9/27/2025	3680	MPN/100ml
Twins	Monterey	FF	10/13/2025	64220	MPN/100ml
Boronda	Monterey County	DR	9/27/2025	NF	MPN/100ml
Boronda	Monterey County	FF	10/13/2025	11565	MPN/100ml
Las Palmas	Monterey County	DR	9/27/2025	2690	MPN/100ml
Las Palmas	Monterey County	FF	10/13/2025	148335	MPN/100ml
8th St	Pacific Grove	DR	9/27/2025	3410	MPN/100ml
8th St	Pacific Grove	FF	10/13/2025	20980	MPN/100ml
Greenwood Park	Pacific Grove	DR	9/27/2025	9600	MPN/100ml
Greenwood Park	Pacific Grove	FF	10/13/2025	36830	MPN/100ml
Lovers Point	Pacific Grove	DR	9/27/2025	7630	MPN/100ml
Lovers Point	Pacific Grove	FF	10/13/2025	22425	MPN/100ml
Pico	Pacific Grove	DR	9/27/2025	970	MPN/100ml
Pico	Pacific Grove	FF	10/13/2025	43515	MPN/100ml
Bay St	Seaside / Sand City	DR	9/27/2025	NF	MPN/100ml
Bay St	Seaside / Sand City	FF	10/13/2025	69160	MPN/100ml

Enterococcus (104 MPN/100mL)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100mL
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	6390	MPN/100mL
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100mL
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	13945	MPN/100mL
San Carlos	Monterey	DR	9/27/2025	NF	MPN/100mL
San Carlos	Monterey	FF	10/13/2025	14335	MPN/100mL
Steinbeck	Monterey	DR	9/27/2025	NF	MPN/100mL
Steinbeck	Monterey	FF	10/13/2025	111990	MPN/100mL
Twins	Monterey	DR	9/27/2025	980	MPN/100mL
Twins	Monterey	FF	10/13/2025	79530	MPN/100mL
Boronda	Monterey County	DR	9/27/2025	NF	MPN/100mL
Boronda	Monterey County	FF	10/13/2025	57940	MPN/100mL
Las Palmas	Monterey County	DR	9/27/2025	3840	MPN/100mL
Las Palmas	Monterey County	FF	10/13/2025	104620	MPN/100mL
8th St	Pacific Grove	DR	9/27/2025	1830	MPN/100mL
8th St	Pacific Grove	FF	10/13/2025	130500	MPN/100mL
Greenwood Park	Pacific Grove	DR	9/27/2025	19890	MPN/100mL
Greenwood Park	Pacific Grove	FF	10/13/2025	34465	MPN/100mL
Lovers Point	Pacific Grove	DR	9/27/2025	6440	MPN/100mL
Lovers Point	Pacific Grove	FF	10/13/2025	26345	MPN/100mL
Pico	Pacific Grove	DR	9/27/2025	2620	MPN/100mL
Pico	Pacific Grove	FF	10/13/2025	37435	MPN/100mL
Bay St	Seaside / Sand City	DR	9/27/2025	NF	MPN/100mL
Bay St	Seaside / Sand City	FF	10/13/2025	108305	MPN/100mL

Hardness (2000 mg/L)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	66.5	mg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	30.0	mg/L
San Carlos	Monterey	DR	9/27/2025	NF	mg/L
San Carlos	Monterey	FF	10/13/2025	30.0	mg/L
Steinbeck	Monterey	DR	9/27/2025	NF	mg/L
Steinbeck	Monterey	FF	10/13/2025	34.0	mg/L
Twins	Monterey	DR	9/27/2025	432.0	mg/L
Twins	Monterey	FF	10/13/2025	52.0	mg/L
Boronda	Monterey County	DR	9/27/2025	NF	mg/L
Boronda	Monterey County	FF	10/13/2025	49.0	mg/L
Las Palmas	Monterey County	DR	9/27/2025	354.0	mg/L
Las Palmas	Monterey County	FF	10/13/2025	57.5	mg/L
8th St	Pacific Grove	DR	9/27/2025	277.0	mg/L
8th St	Pacific Grove	FF	10/13/2025	30.5	mg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	380.0	mg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	40.5	mg/L
Lovers Point	Pacific Grove	DR	9/27/2025	234.0	mg/L
Lovers Point	Pacific Grove	FF	10/13/2025	25.0	mg/L
Pico	Pacific Grove	DR	9/27/2025	147.0	mg/L
Pico	Pacific Grove	FF	10/13/2025	46.0	mg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L
Bay St	Seaside / Sand City	FF	10/13/2025	355.0	mg/L

Lead (30 µg/L)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	8.2	µg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	4.7	µg/L
San Carlos	Monterey	DR	9/27/2025	NF	µg/L
San Carlos	Monterey	FF	10/13/2025	3.8	µg/L
Steinbeck	Monterey	DR	9/27/2025	NF	µg/L
Steinbeck	Monterey	FF	10/13/2025	1.3	µg/L
Twins	Monterey	DR	9/27/2025	1.0	µg/L
Twins	Monterey	FF	10/13/2025	86.8	µg/L
Boronda	Monterey County	DR	9/27/2025	NF	µg/L
Boronda	Monterey County	FF	10/13/2025	12.1	µg/L
Las Palmas	Monterey County	DR	9/27/2025	0.2	µg/L
Las Palmas	Monterey County	FF	10/13/2025	2.6	µg/L
8th St	Pacific Grove	DR	9/27/2025	0.5	µg/L
8th St	Pacific Grove	FF	10/13/2025	6.6	µg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	0.1	µg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	32.0	µg/L
Lovers Point	Pacific Grove	DR	9/27/2025	0.1	µg/L
Lovers Point	Pacific Grove	FF	10/13/2025	10.5	µg/L
Pico	Pacific Grove	DR	9/27/2025	0.2	µg/L
Pico	Pacific Grove	FF	10/13/2025	14.3	µg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L
Bay St	Seaside / Sand City	FF	10/13/2025	18.5	µg/L

Nitrate (2.25 mg/L)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	0.5	mg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	0.3	mg/L
San Carlos	Monterey	DR	9/27/2025	NF	mg/L
San Carlos	Monterey	FF	10/13/2025	0.3	mg/L
Steinbeck	Monterey	DR	9/27/2025	NF	mg/L
Steinbeck	Monterey	FF	10/13/2025	1.0	mg/L
Twins	Monterey	DR	9/27/2025	0.1	mg/L
Twins	Monterey	FF	10/13/2025	0.3	mg/L
Boronda	Monterey County	DR	9/27/2025	NF	mg/L
Boronda	Monterey County	FF	10/13/2025	0.2	mg/L
Las Palmas	Monterey County	DR	9/27/2025	2.4	mg/L
Las Palmas	Monterey County	FF	10/13/2025	0.4	mg/L
8th St	Pacific Grove	DR	9/27/2025	0.7	mg/L
8th St	Pacific Grove	FF	10/13/2025	0.3	mg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	ND	mg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	0.2	mg/L
Lovers Point	Pacific Grove	DR	9/27/2025	3.3	mg/L
Lovers Point	Pacific Grove	FF	10/13/2025	0.2	mg/L
Pico	Pacific Grove	DR	9/27/2025	1.6	mg/L
Pico	Pacific Grove	FF	10/13/2025	0.2	mg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L
Bay St	Seaside / Sand City	FF	10/13/2025	0.6	mg/L

Orthophosphate (0.12 mg/L)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	0.4	mg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	0.5	mg/L
San Carlos	Monterey	DR	9/27/2025	NF	mg/L
San Carlos	Monterey	FF	10/13/2025	0.2	mg/L
Steinbeck	Monterey	DR	9/27/2025	NF	mg/L
Steinbeck	Monterey	FF	10/13/2025	0.8	mg/L
Twins	Monterey	DR	9/27/2025	0.4	mg/L
Twins	Monterey	FF	10/13/2025	0.3	mg/L
Boronda	Monterey County	DR	9/27/2025	NF	mg/L
Boronda	Monterey County	FF	10/13/2025	0.2	mg/L
Las Palmas	Monterey County	DR	9/27/2025	1.1	mg/L
Las Palmas	Monterey County	FF	10/13/2025	0.4	mg/L
8th St	Pacific Grove	DR	9/27/2025	0.2	mg/L
8th St	Pacific Grove	FF	10/13/2025	0.3	mg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	0.3	mg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	0.3	mg/L
Lovers Point	Pacific Grove	DR	9/27/2025	0.1	mg/L
Lovers Point	Pacific Grove	FF	10/13/2025	0.3	mg/L
Pico	Pacific Grove	DR	9/27/2025	0.1	mg/L
Pico	Pacific Grove	FF	10/13/2025	0.3	mg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L
Bay St	Seaside / Sand City	FF	10/13/2025	0.3	mg/L

Potassium (20 mg/L)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	9.3	mg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	6.6	mg/L
San Carlos	Monterey	DR	9/27/2025	NF	mg/L
San Carlos	Monterey	FF	10/13/2025	2.8	mg/L
Steinbeck	Monterey	DR	9/27/2025	NF	mg/L
Steinbeck	Monterey	FF	10/13/2025	3.5	mg/L
Twins	Monterey	DR	9/27/2025	8.6	mg/L
Twins	Monterey	FF	10/13/2025	4.6	mg/L
Boronda	Monterey County	DR	9/27/2025	NF	mg/L
Boronda	Monterey County	FF	10/13/2025	3.0	mg/L
Las Palmas	Monterey County	DR	9/27/2025	43.8	mg/L
Las Palmas	Monterey County	FF	10/13/2025	6.8	mg/L
8th St	Pacific Grove	DR	9/27/2025	8.2	mg/L
8th St	Pacific Grove	FF	10/13/2025	4.3	mg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	47.5	mg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	5.1	mg/L
Lovers Point	Pacific Grove	DR	9/27/2025	2.2	mg/L
Lovers Point	Pacific Grove	FF	10/13/2025	4.2	mg/L
Pico	Pacific Grove	DR	9/27/2025	4.4	mg/L
Pico	Pacific Grove	FF	10/13/2025	7.9	mg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L
Bay St	Seaside / Sand City	FF	10/13/2025	27.8	mg/L

Surfactants (0.2 mg/L)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	0.3	mg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	0.5	mg/L
San Carlos	Monterey	DR	9/27/2025	NF	mg/L
San Carlos	Monterey	FF	10/13/2025	0.3	mg/L
Steinbeck	Monterey	DR	9/27/2025	NF	mg/L
Steinbeck	Monterey	FF	10/13/2025	0.3	mg/L
Twins	Monterey	DR	9/27/2025	0.4	mg/L
Twins	Monterey	FF	10/13/2025	0.3	mg/L
Boronda	Monterey County	DR	9/27/2025	NF	mg/L
Boronda	Monterey County	FF	10/13/2025	0.1	mg/L
Las Palmas	Monterey County	DR	9/27/2025	0.1	mg/L
Las Palmas	Monterey County	FF	10/13/2025	0.1	mg/L
8th St	Pacific Grove	DR	9/27/2025	0.3	mg/L
8th St	Pacific Grove	FF	10/13/2025	0.3	mg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	0.3	mg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	0.3	mg/L
Lovers Point	Pacific Grove	DR	9/27/2025	0.1	mg/L
Lovers Point	Pacific Grove	FF	10/13/2025	0.3	mg/L
Pico	Pacific Grove	DR	9/27/2025	0.1	mg/L
Pico	Pacific Grove	FF	10/13/2025	0.3	mg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L
Bay St	Seaside / Sand City	FF	10/13/2025	0.7	mg/L

Total Suspended Solids (500 mg/L)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	52.0	mg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	41.5	mg/L
San Carlos	Monterey	DR	9/27/2025	NF	mg/L
San Carlos	Monterey	FF	10/13/2025	32.0	mg/L
Steinbeck	Monterey	DR	9/27/2025	NF	mg/L
Steinbeck	Monterey	FF	10/13/2025	11.5	mg/L
Twins	Monterey	DR	9/27/2025	6.0	mg/L
Twins	Monterey	FF	10/13/2025	316.0	mg/L
Boronda	Monterey County	DR	9/27/2025	NF	mg/L
Boronda	Monterey County	FF	10/13/2025	362.0	mg/L
Las Palmas	Monterey County	DR	9/27/2025	8.0	mg/L
Las Palmas	Monterey County	FF	10/13/2025	187.0	mg/L
8th St	Pacific Grove	DR	9/27/2025	3.0	mg/L
8th St	Pacific Grove	FF	10/13/2025	34.5	mg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	6.0	mg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	159.0	mg/L
Lovers Point	Pacific Grove	DR	9/27/2025	1.5	mg/L
Lovers Point	Pacific Grove	FF	10/13/2025	24.0	mg/L
Pico	Pacific Grove	DR	9/27/2025	1.5	mg/L
Pico	Pacific Grove	FF	10/13/2025	153.0	mg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L
Bay St	Seaside / Sand City	FF	10/13/2025	178.0	mg/L

Turbidity (25 NTU)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	NTU
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	22.0	NTU
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	NTU
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	6.7	NTU
San Carlos	Monterey	DR	9/27/2025	NF	NTU
San Carlos	Monterey	FF	10/13/2025	10.0	NTU
Steinbeck	Monterey	DR	9/27/2025	NF	NTU
Steinbeck	Monterey	FF	10/13/2025	7.6	NTU
Twins	Monterey	DR	9/27/2025	3.7	NTU
Twins	Monterey	FF	10/13/2025	127.5	NTU
Boronda	Monterey County	DR	9/27/2025	NF	NTU
Boronda	Monterey County	FF	10/13/2025	165.0	NTU
Las Palmas	Monterey County	DR	9/27/2025	3.3	NTU
Las Palmas	Monterey County	FF	10/13/2025	60.0	NTU
8th St	Pacific Grove	DR	9/27/2025	1.2	NTU
8th St	Pacific Grove	FF	10/13/2025	9.3	NTU
Greenwood Park	Pacific Grove	DR	9/27/2025	7.5	NTU
Greenwood Park	Pacific Grove	FF	10/13/2025	48.0	NTU
Lovers Point	Pacific Grove	DR	9/27/2025	0.3	NTU
Lovers Point	Pacific Grove	FF	10/13/2025	9.8	NTU
Pico	Pacific Grove	DR	9/27/2025	5.3	NTU
Pico	Pacific Grove	FF	10/13/2025	59.0	NTU
Bay St	Seaside / Sand City	DR	9/27/2025	NF	NTU
Bay St	Seaside / Sand City	FF	10/13/2025	67.5	NTU

Urea (No WQO)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	123.5	µg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	263.5	µg/L
San Carlos	Monterey	DR	9/27/2025	NF	µg/L
San Carlos	Monterey	FF	10/13/2025	189.5	µg/L
Steinbeck	Monterey	DR	9/27/2025	NF	µg/L
Steinbeck	Monterey	FF	10/13/2025	537.0	µg/L
Twins	Monterey	DR	9/27/2025	353.0	µg/L
Twins	Monterey	FF	10/13/2025	209.0	µg/L
Boronda	Monterey County	DR	9/27/2025	NF	µg/L
Boronda	Monterey County	FF	10/13/2025	117.0	µg/L
Las Palmas	Monterey County	DR	9/27/2025	89.0	µg/L
Las Palmas	Monterey County	FF	10/13/2025	107.5	µg/L
8th St	Pacific Grove	DR	9/27/2025	47.0	µg/L
8th St	Pacific Grove	FF	10/13/2025	139.5	µg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	229.0	µg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	171.5	µg/L
Lovers Point	Pacific Grove	DR	9/27/2025	143.0	µg/L
Lovers Point	Pacific Grove	FF	10/13/2025	138.0	µg/L
Pico	Pacific Grove	DR	9/27/2025	79.0	µg/L
Pico	Pacific Grove	FF	10/13/2025	124.0	µg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L
Bay St	Seaside / Sand City	FF	10/13/2025	364.0	µg/L

Zinc (200 µg/L)

Site Name	Jurisdiction	Run	Date	Result	Units
4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L
4th Ave	Carmel-by-the-Sea	FF	10/13/2025	73.0	µg/L
Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L
Ocean Ave	Carmel-by-the-Sea	FF	10/13/2025	111.0	µg/L
San Carlos	Monterey	DR	9/27/2025	NF	µg/L
San Carlos	Monterey	FF	10/13/2025	103.0	µg/L
Steinbeck	Monterey	DR	9/27/2025	NF	µg/L
Steinbeck	Monterey	FF	10/13/2025	144.0	µg/L
Twins	Monterey	DR	9/27/2025	40.0	µg/L
Twins	Monterey	FF	10/13/2025	289.5	µg/L
Boronda	Monterey County	DR	9/27/2025	NF	µg/L
Boronda	Monterey County	FF	10/13/2025	126.5	µg/L
Las Palmas	Monterey County	DR	9/27/2025	16.0	µg/L
Las Palmas	Monterey County	FF	10/13/2025	57.5	µg/L
8th St	Pacific Grove	DR	9/27/2025	17.0	µg/L
8th St	Pacific Grove	FF	10/13/2025	75.0	µg/L
Greenwood Park	Pacific Grove	DR	9/27/2025	12.0	µg/L
Greenwood Park	Pacific Grove	FF	10/13/2025	257.5	µg/L
Lovers Point	Pacific Grove	DR	9/27/2025	5.0	µg/L
Lovers Point	Pacific Grove	FF	10/13/2025	75.5	µg/L
Pico	Pacific Grove	DR	9/27/2025	5.0	µg/L
Pico	Pacific Grove	FF	10/13/2025	117.0	µg/L
Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L
Bay St	Seaside / Sand City	FF	10/13/2025	240.0	µg/L

Appendix 3: Results by Jurisdiction (listed alphabetically)

Red shading: Results exceed WQO or Action Level

Grey shading, NF: No flow, no sample collected

Carmel-by-the-Sea

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	0.35	mg/L	50
			FF	10/13/2025	0.35	mg/L	50
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	0.76	mg/L	50
			FF	10/13/2025	0.59	mg/L	50
E. coli	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	23820	MPN/100ml	235
			FF	10/13/2025	16640	MPN/100ml	235
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	38730	MPN/100ml	235
			FF	10/13/2025	28510	MPN/100ml	235
Color	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	50	Color Units	500
			FF	10/13/2025	50	Color Units	500
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	50	Color Units	500
			FF	10/13/2025	50	Color Units	500
Copper	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	64	µg/L	30
			FF	10/13/2025	58	µg/L	30
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	55	µg/L	30
			FF	10/13/2025	88	µg/L	30
Enterococcus	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	5810	MPN/100mL	104
			FF	10/13/2025	6970	MPN/100mL	104
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	12740	MPN/100mL	104
			FF	10/13/2025	15150	MPN/100mL	104
Hardness	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	68	mg/L	2000
			FF	10/13/2025	65	mg/L	2000

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Hardness (cont.)	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	30	mg/L	2000
			FF	10/13/2025	30	mg/L	2000
Lead	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	8.2	µg/L	30
			FF	10/13/2025	8.1	µg/L	30
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	5.1	µg/L	30
			FF	10/13/2025	4.3	µg/L	30
Surfactants	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.27	mg/L	0.2
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.47	mg/L	0.2
			FF	10/13/2025	0.45	mg/L	0.2
Nitrate	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.5	mg/L	2.25
			FF	10/13/2025	0.4	mg/L	2.25
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
Orthophosphate	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.4	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.5	mg/L	0.12
			FF	10/13/2025	0.5	mg/L	0.12
Potassium	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	9.5	mg/L	20
			FF	10/13/2025	9.1	mg/L	20
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	7	mg/L	20
			FF	10/13/2025	6.1	mg/L	20
Surfactants	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.27	mg/L	0.2
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.47	mg/L	0.2
			FF	10/13/2025	0.45	mg/L	0.2
TSS	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	56	mg/L	500

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
TSS (cont.)	4th Ave	Carmel-by-the-Sea	FF	10/13/2025	48	mg/L	500
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	62	mg/L	500
			FF	10/13/2025	21	mg/L	500
Turbidity	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	24	NTU	25
			FF	10/13/2025	20	NTU	25
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	7.2	NTU	25
			FF	10/13/2025	6.1	NTU	25
Urea	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	132	µg/L	N/A
			FF	10/13/2025	115	µg/L	N/A
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	280	µg/L	N/A
			FF	10/13/2025	247	µg/L	N/A
Zinc	4th Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	74	µg/L	200
			FF	10/13/2025	72	µg/L	200
	Ocean Ave	Carmel-by-the-Sea	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	109	µg/L	200
			FF	10/13/2025	113	µg/L	200

City of Monterey

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	0.31	mg/L	50
			FF	10/13/2025	0.31	mg/L	50
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	1.19	mg/L	50
			FF	10/13/2025	1.28	mg/L	50
	Twins	City of Monterey	DR	9/27/2025	1.34	mg/L	50
			FF	10/13/2025	0.37	mg/L	50
			FF	10/13/2025	0.45	mg/L	50
E. coli	San Carlos	City of Monterey	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	5730	MPN/100ml	235
			FF	10/13/2025	4730	MPN/100ml	235
	Steinbeck	City of Monterey	DR	9/27/2025	NF	MPN/100ml	235

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
E. coli (cont.)	Steinbeck	City of Monterey	FF	10/13/2025	27550	MPN/100ml	235
			FF	10/13/2025	21430	MPN/100ml	235
	Twins	City of Monterey	DR	9/27/2025	3680	MPN/100ml	235
			FF	10/13/2025	104620	MPN/100ml	235
			FF	10/13/2025	23820	MPN/100ml	235
Color	San Carlos	City of Monterey	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	50	Color Units	500
			FF	10/13/2025	30	Color Units	500
	Steinbeck	City of Monterey	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	30	Color Units	500
			FF	10/13/2025	50	Color Units	500
	Twins	City of Monterey	DR	9/27/2025	75	Color Units	500
			FF	10/13/2025	175	Color Units	500
			FF	10/13/2025	125	Color Units	500
Copper	San Carlos	City of Monterey	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	24	µg/L	30
			FF	10/13/2025	18	µg/L	30
	Steinbeck	City of Monterey	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	31	µg/L	30
			FF	10/13/2025	48	µg/L	30
	Twins	City of Monterey	DR	9/27/2025	15	µg/L	30
			FF	10/13/2025	63	µg/L	30
			FF	10/13/2025	29	µg/L	30
Enterococcus	San Carlos	City of Monterey	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	18500	MPN/100mL	104
			FF	10/13/2025	10170	MPN/100mL	104
	Steinbeck	City of Monterey	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	111990	MPN/100mL	104
			FF	10/13/2025	111990	MPN/100mL	104
	Twins	City of Monterey	DR	9/27/2025	980	MPN/100mL	104
			FF	10/13/2025	129970	MPN/100mL	104
			FF	10/13/2025	29090	MPN/100mL	104
Hardness	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	22	mg/L	2000
			FF	10/13/2025	38	mg/L	2000
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	30	mg/L	2000
			FF	10/13/2025	38	mg/L	2000
	Twins	City of Monterey	DR	9/27/2025	432	mg/L	2000
			FF	10/13/2025	57	mg/L	2000
			FF	10/13/2025	47	mg/L	2000

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Lead	San Carlos	City of Monterey	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	4.3	µg/L	30
			FF	10/13/2025	3.2	µg/L	30
	Steinbeck	City of Monterey	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	1.5	µg/L	30
			FF	10/13/2025	1.1	µg/L	30
	Twins	City of Monterey	DR	9/27/2025	1	µg/L	30
			FF	10/13/2025	132	µg/L	30
			FF	10/13/2025	41.5	µg/L	30
Surfactants	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.26	mg/L	0.2
			FF	10/13/2025	0.33	mg/L	0.2
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.34	mg/L	0.2
			FF	10/13/2025	0.33	mg/L	0.2
	Twins	City of Monterey	DR	9/27/2025	0.4	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.26	mg/L	0.2
Nitrate	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.7	mg/L	2.25
			FF	10/13/2025	1.2	mg/L	2.25
	Twins	City of Monterey	DR	9/27/2025	0.08	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
Orthophosphate	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.7	mg/L	0.12
			FF	10/13/2025	0.8	mg/L	0.12
	Twins	City of Monterey	DR	9/27/2025	0.4	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
Potassium	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	2.8	mg/L	20
			FF	10/13/2025	2.7	mg/L	20
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	3.2	mg/L	20

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Potassium (cont.)	Steinbeck	City of Monterey	FF	10/13/2025	3.7	mg/L	20
	Twins	City of Monterey	DR	9/27/2025	8.6	mg/L	20
			FF	10/13/2025	5.2	mg/L	20
			FF	10/13/2025	3.9	mg/L	20
Surfactants	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.26	mg/L	0.2
			FF	10/13/2025	0.33	mg/L	0.2
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.34	mg/L	0.2
			FF	10/13/2025	0.33	mg/L	0.2
	Twins	City of Monterey	DR	9/27/2025	0.4	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.26	mg/L	0.2
TSS	San Carlos	City of Monterey	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	40	mg/L	500
			FF	10/13/2025	24	mg/L	500
	Steinbeck	City of Monterey	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	14	mg/L	500
			FF	10/13/2025	9	mg/L	500
	Twins	City of Monterey	DR	9/27/2025	6	mg/L	500
			FF	10/13/2025	486	mg/L	500
			FF	10/13/2025	146	mg/L	500
Turbidity	San Carlos	City of Monterey	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	8.9	NTU	25
			FF	10/13/2025	11	NTU	25
	Steinbeck	City of Monterey	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	8.2	NTU	25
			FF	10/13/2025	7	NTU	25
	Twins	City of Monterey	DR	9/27/2025	3.7	NTU	25
			FF	10/13/2025	190	NTU	25
			FF	10/13/2025	65	NTU	25
Urea	San Carlos	City of Monterey	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	185	µg/L	N/A
			FF	10/13/2025	194	µg/L	N/A
	Steinbeck	City of Monterey	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	615	µg/L	N/A
			FF	10/13/2025	459	µg/L	N/A
	Twins	City of Monterey	DR	9/27/2025	353	µg/L	N/A
			FF	10/13/2025	252	µg/L	N/A
			FF	10/13/2025	166	µg/L	N/A
Zinc	San Carlos	City of Monterey	DR	9/27/2025	NF	µg/L	200

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Zinc (cont.)	San Carlos	City of Monterey	FF	10/13/2025	96	µg/L	200
			FF	10/13/2025	110	µg/L	200
	Steinbeck	City of Monterey	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	134	µg/L	200
			FF	10/13/2025	154	µg/L	200
	Twins	City of Monterey	DR	9/27/2025	40	µg/L	200
			FF	10/13/2025	421	µg/L	200
			FF	10/13/2025	158	µg/L	200

Monterey County

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	0.28	mg/L	50
			FF	10/13/2025	0.24	mg/L	50
	Las Palmas	Monterey County	DR	9/27/2025	0.38	mg/L	50
			FF	10/13/2025	0.12	mg/L	50
			FF	10/13/2025	0.14	mg/L	50
E. coli	Boronda	Monterey County	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	10170	MPN/100ml	235
			FF	10/13/2025	12960	MPN/100ml	235
	Las Palmas	Monterey County	DR	9/27/2025	2690	MPN/100ml	235
			FF	10/13/2025	155310	MPN/100ml	235
			FF	10/13/2025	141360	MPN/100ml	235
Color	Boronda	Monterey County	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	175	Color Units	500
			FF	10/13/2025	175	Color Units	500
	Las Palmas	Monterey County	DR	9/27/2025	125	Color Units	500
			FF	10/13/2025	175	Color Units	500
			FF	10/13/2025	125	Color Units	500
Copper	Boronda	Monterey County	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	17	µg/L	30
			FF	10/13/2025	12	µg/L	30
	Las Palmas	Monterey County	DR	9/27/2025	10	µg/L	30
			FF	10/13/2025	3.5	µg/L	30
			FF	10/13/2025	3.5	µg/L	30
Enterococcus	Boronda	Monterey County	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	57940	MPN/100mL	104
			FF	10/13/2025	57940	MPN/100mL	104

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Enterococcus (cont.)	Las Palmas	Monterey County	DR	9/27/2025	3840	MPN/100mL	104
			FF	10/13/2025	104620	MPN/100mL	104
			FF	10/13/2025	104620	MPN/100mL	104
Hardness	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	51	mg/L	2000
			FF	10/13/2025	47	mg/L	2000
	Las Palmas	Monterey County	DR	9/27/2025	354	mg/L	2000
			FF	10/13/2025	53	mg/L	2000
			FF	10/13/2025	62	mg/L	2000
Lead	Boronda	Monterey County	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	11.8	µg/L	30
			FF	10/13/2025	12.4	µg/L	30
	Las Palmas	Monterey County	DR	9/27/2025	0.2	µg/L	30
			FF	10/13/2025	3.1	µg/L	30
			FF	10/13/2025	2	µg/L	30
Surfactants	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.07	mg/L	0.2
			FF	10/13/2025	0.05	mg/L	0.2
	Las Palmas	Monterey County	DR	9/27/2025	0.14	mg/L	0.2
			FF	10/13/2025	0.1	mg/L	0.2
			FF	10/13/2025	0.11	mg/L	0.2
Nitrate	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
	Las Palmas	Monterey County	DR	9/27/2025	2.4	mg/L	2.25
			FF	10/13/2025	0.4	mg/L	2.25
			FF	10/13/2025	0.4	mg/L	2.25
Orthophosphate	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
	Las Palmas	Monterey County	DR	9/27/2025	1.1	mg/L	0.12
			FF	10/13/2025	0.4	mg/L	0.12
			FF	10/13/2025	0.4	mg/L	0.12
Potassium	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	3.2	mg/L	20
			FF	10/13/2025	2.7	mg/L	20
	Las Palmas	Monterey County	DR	9/27/2025	43.8	mg/L	20
			FF	10/13/2025	6.9	mg/L	20
			FF	10/13/2025	6.7	mg/L	20
Surfactants	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	0.07	mg/L	0.2

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Surfactants (cont.)	Boronda	Monterey County	FF	10/13/2025	0.05	mg/L	0.2
	Las Palmas	Monterey County	DR	9/27/2025	0.14	mg/L	0.2
			FF	10/13/2025	0.1	mg/L	0.2
			FF	10/13/2025	0.11	mg/L	0.2
TSS	Boronda	Monterey County	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	348	mg/L	500
			FF	10/13/2025	376	mg/L	500
	Las Palmas	Monterey County	DR	9/27/2025	8	mg/L	500
			FF	10/13/2025	226	mg/L	500
			FF	10/13/2025	148	mg/L	500
Turbidity	Boronda	Monterey County	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	180	NTU	25
			FF	10/13/2025	150	NTU	25
	Las Palmas	Monterey County	DR	9/27/2025	3.3	NTU	25
			FF	10/13/2025	100	NTU	25
			FF	10/13/2025	20	NTU	25
Urea	Boronda	Monterey County	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	127	µg/L	N/A
			FF	10/13/2025	107	µg/L	N/A
	Las Palmas	Monterey County	DR	9/27/2025	89	µg/L	N/A
			FF	10/13/2025	127	µg/L	N/A
			FF	10/13/2025	88	µg/L	N/A
Zinc	Boronda	Monterey County	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	131	µg/L	200
			FF	10/13/2025	122	µg/L	200
	Las Palmas	Monterey County	DR	9/27/2025	16	µg/L	200
			FF	10/13/2025	63	µg/L	200
			FF	10/13/2025	52	µg/L	200

Pacific Grove

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia	8th St	Pacific Grove	DR	9/27/2025	0.03	mg/L	50
			FF	10/13/2025	0.21	mg/L	50
			FF	10/13/2025	0.23	mg/L	50
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.42	mg/L	50
			FF	10/13/2025	0.33	mg/L	50
			FF	10/13/2025	0.32	mg/L	50
	Lovers Point	Pacific Grove	DR	9/27/2025	0.03	mg/L	50

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia (cont.)	Lovers Point	Pacific Grove	FF	10/13/2025	0.4	mg/L	50
			FF	10/13/2025	0.31	mg/L	50
	Pico	Pacific Grove	DR	9/27/2025	0.03	mg/L	50
			FF	10/13/2025	0.33	mg/L	50
			FF	10/13/2025	0.27	mg/L	50
E. coli	8th St	Pacific Grove	DR	9/27/2025	3410	MPN/100ml	235
			FF	10/13/2025	20980	MPN/100ml	235
			FF	10/13/2025	241960	MPN/100ml	235
	Greenwood Park	Pacific Grove	DR	9/27/2025	9600	MPN/100ml	235
			FF	10/13/2025	46110	MPN/100ml	235
			FF	10/13/2025	27550	MPN/100ml	235
	Lovers Point	Pacific Grove	DR	9/27/2025	7630	MPN/100ml	235
			FF	10/13/2025	26130	MPN/100ml	235
			FF	10/13/2025	18720	MPN/100ml	235
	Pico	Pacific Grove	DR	9/27/2025	970	MPN/100ml	235
			FF	10/13/2025	57940	MPN/100ml	235
			FF	10/13/2025	29090	MPN/100ml	235
Color	8th St	Pacific Grove	DR	9/27/2025	25	Color Units	500
			FF	10/13/2025	50	Color Units	500
			FF	10/13/2025	50	Color Units	500
	Greenwood Park	Pacific Grove	DR	9/27/2025	30	Color Units	500
			FF	10/13/2025	70	Color Units	500
			FF	10/13/2025	50	Color Units	500
	Lovers Point	Pacific Grove	DR	9/27/2025	7	Color Units	500
			FF	10/13/2025	50	Color Units	500
			FF	10/13/2025	50	Color Units	500
	Pico	Pacific Grove	DR	9/27/2025	30	Color Units	500
			FF	10/13/2025	175	Color Units	500
			FF	10/13/2025	50	Color Units	500
Copper	8th St	Pacific Grove	DR	9/27/2025	14	µg/L	30
			FF	10/13/2025	18	µg/L	30
			FF	10/13/2025	22	µg/L	30
	Greenwood Park	Pacific Grove	DR	9/27/2025	13	µg/L	30
			FF	10/13/2025	60	µg/L	30
			FF	10/13/2025	15	µg/L	30
	Lovers Point	Pacific Grove	DR	9/27/2025	3.5	µg/L	30
			FF	10/13/2025	16	µg/L	30
			FF	10/13/2025	26	µg/L	30
	Pico	Pacific Grove	DR	9/27/2025	3.5	µg/L	30
			FF	10/13/2025	34	µg/L	30
			FF	10/13/2025	19	µg/L	30

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Enterococcus	8th St	Pacific Grove	DR	9/27/2025	1830	MPN/100mL	104
			FF	10/13/2025	19040	MPN/100mL	104
			FF	10/13/2025	241960	MPN/100mL	104
	Greenwood Park	Pacific Grove	DR	9/27/2025	19890	MPN/100mL	104
			FF	10/13/2025	46110	MPN/100mL	104
			FF	10/13/2025	22820	MPN/100mL	104
	Lovers Point	Pacific Grove	DR	9/27/2025	6440	MPN/100mL	104
			FF	10/13/2025	20140	MPN/100mL	104
			FF	10/13/2025	32550	MPN/100mL	104
	Pico	Pacific Grove	DR	9/27/2025	2620	MPN/100mL	104
			FF	10/13/2025	48840	MPN/100mL	104
			FF	10/13/2025	26030	MPN/100mL	104
Hardness	8th St	Pacific Grove	DR	9/27/2025	277	mg/L	2000
			FF	10/13/2025	30	mg/L	2000
			FF	10/13/2025	31	mg/L	2000
	Greenwood Park	Pacific Grove	DR	9/27/2025	380	mg/L	2000
			FF	10/13/2025	55	mg/L	2000
			FF	10/13/2025	26	mg/L	2000
	Lovers Point	Pacific Grove	DR	9/27/2025	234	mg/L	2000
			FF	10/13/2025	24	mg/L	2000
			FF	10/13/2025	26	mg/L	2000
	Pico	Pacific Grove	DR	9/27/2025	147	mg/L	2000
			FF	10/13/2025	55	mg/L	2000
			FF	10/13/2025	37	mg/L	2000
Lead	8th St	Pacific Grove	DR	9/27/2025	0.5	µg/L	30
			FF	10/13/2025	8.3	µg/L	30
			FF	10/13/2025	4.9	µg/L	30
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.05	µg/L	30
			FF	10/13/2025	58.9	µg/L	30
			FF	10/13/2025	5.1	µg/L	30
	Lovers Point	Pacific Grove	DR	9/27/2025	0.05	µg/L	30
			FF	10/13/2025	5.7	µg/L	30
			FF	10/13/2025	15.2	µg/L	30
	Pico	Pacific Grove	DR	9/27/2025	0.2	µg/L	30
			FF	10/13/2025	23.3	µg/L	30
			FF	10/13/2025	5.2	µg/L	30
Surfactants	8th St	Pacific Grove	DR	9/27/2025	0.28	mg/L	0.2
			FF	10/13/2025	0.23	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Surfactants (cont.)	Greenwood Park	Pacific Grove	FF	10/13/2025	0.32	mg/L	0.2
	Lovers Point	Pacific Grove	DR	9/27/2025	0.06	mg/L	0.2
			FF	10/13/2025	0.36	mg/L	0.2
			FF	10/13/2025	0.26	mg/L	0.2
	Pico	Pacific Grove	DR	9/27/2025	0.09	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.28	mg/L	0.2
Nitrate	8th St	Pacific Grove	DR	9/27/2025	0.7	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
			FF	10/13/2025	0.3	mg/L	2.25
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.08	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
	Lovers Point	Pacific Grove	DR	9/27/2025	3.3	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
	Pico	Pacific Grove	DR	9/27/2025	1.6	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
			FF	10/13/2025	0.2	mg/L	2.25
Orthophosphate	8th St	Pacific Grove	DR	9/27/2025	0.2	mg/L	0.12
			FF	10/13/2025	0.2	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
	Lovers Point	Pacific Grove	DR	9/27/2025	0.08	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
	Pico	Pacific Grove	DR	9/27/2025	0.08	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
Potassium	8th St	Pacific Grove	DR	9/27/2025	8.2	mg/L	20
			FF	10/13/2025	3.9	mg/L	20
			FF	10/13/2025	4.6	mg/L	20
	Greenwood Park	Pacific Grove	DR	9/27/2025	47.5	mg/L	20
			FF	10/13/2025	5.4	mg/L	20
			FF	10/13/2025	4.7	mg/L	20
	Lovers Point	Pacific Grove	DR	9/27/2025	2.2	mg/L	20
			FF	10/13/2025	4.6	mg/L	20
			FF	10/13/2025	3.8	mg/L	20
	Pico	Pacific Grove	DR	9/27/2025	4.4	mg/L	20

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Potassium (cont.)	Pico	Pacific Grove	FF	10/13/2025	8.2	mg/L	20
			FF	10/13/2025	7.6	mg/L	20
Surfactants	8th St	Pacific Grove	DR	9/27/2025	0.28	mg/L	0.2
			FF	10/13/2025	0.23	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
	Greenwood Park	Pacific Grove	DR	9/27/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
	Lovers Point	Pacific Grove	DR	9/27/2025	0.06	mg/L	0.2
			FF	10/13/2025	0.36	mg/L	0.2
			FF	10/13/2025	0.26	mg/L	0.2
	Pico	Pacific Grove	DR	9/27/2025	0.09	mg/L	0.2
			FF	10/13/2025	0.32	mg/L	0.2
			FF	10/13/2025	0.28	mg/L	0.2
TSS	8th St	Pacific Grove	DR	9/27/2025	3	mg/L	500
			FF	10/13/2025	46	mg/L	500
			FF	10/13/2025	23	mg/L	500
	Greenwood Park	Pacific Grove	DR	9/27/2025	6	mg/L	500
			FF	10/13/2025	278	mg/L	500
			FF	10/13/2025	40	mg/L	500
	Lovers Point	Pacific Grove	DR	9/27/2025	1.5	mg/L	500
			FF	10/13/2025	26	mg/L	500
			FF	10/13/2025	22	mg/L	500
	Pico	Pacific Grove	DR	9/27/2025	1.5	mg/L	500
			FF	10/13/2025	250	mg/L	500
			FF	10/13/2025	56	mg/L	500
Turbidity	8th St	Pacific Grove	DR	9/27/2025	1.2	NTU	25
			FF	10/13/2025	11	NTU	25
			FF	10/13/2025	7.5	NTU	25
	Greenwood Park	Pacific Grove	DR	9/27/2025	7.5	NTU	25
			FF	10/13/2025	80	NTU	25
			FF	10/13/2025	16	NTU	25
	Lovers Point	Pacific Grove	DR	9/27/2025	0.3	NTU	25
			FF	10/13/2025	7.6	NTU	25
			FF	10/13/2025	12	NTU	25
	Pico	Pacific Grove	DR	9/27/2025	5.3	NTU	25
			FF	10/13/2025	100	NTU	25
			FF	10/13/2025	18	NTU	25
Urea	8th St	Pacific Grove	DR	9/27/2025	47	µg/L	N/A
			FF	10/13/2025	135	µg/L	N/A
			FF	10/13/2025	144	µg/L	N/A

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Urea (cont.)	Greenwood Park	Pacific Grove	DR	9/27/2025	229	µg/L	N/A
			FF	10/13/2025	169	µg/L	N/A
			FF	10/13/2025	174	µg/L	N/A
	Lovers Point	Pacific Grove	DR	9/27/2025	143	µg/L	N/A
			FF	10/13/2025	136	µg/L	N/A
			FF	10/13/2025	140	µg/L	N/A
	Pico	Pacific Grove	DR	9/27/2025	79	µg/L	N/A
			FF	10/13/2025	136	µg/L	N/A
			FF	10/13/2025	112	µg/L	N/A
Zinc	8th St	Pacific Grove	DR	9/27/2025	17	µg/L	200
			FF	10/13/2025	85	µg/L	200
			FF	10/13/2025	65	µg/L	200
	Greenwood Park	Pacific Grove	DR	9/27/2025	12	µg/L	200
			FF	10/13/2025	417	µg/L	200
			FF	10/13/2025	98	µg/L	200
	Lovers Point	Pacific Grove	DR	9/27/2025	5	µg/L	200
			FF	10/13/2025	65	µg/L	200
			FF	10/13/2025	86	µg/L	200
	Pico	Pacific Grove	DR	9/27/2025	5	µg/L	200
			FF	10/13/2025	170	µg/L	200
			FF	10/13/2025	64	µg/L	200

Seaside / Sand City

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Ammonia	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	50
			FF	10/13/2025	1.11	mg/L	50
			FF	10/13/2025	0.74	mg/L	50
E. coli	Bay St	Seaside / Sand City	DR	9/27/2025	NF	MPN/100ml	235
			FF	10/13/2025	61310	MPN/100ml	235
			FF	10/13/2025	77010	MPN/100ml	235
Color	Bay St	Seaside / Sand City	DR	9/27/2025	NF	Color Units	500
			FF	10/13/2025	175	Color Units	500
			FF	10/13/2025	50	Color Units	500
Copper	Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	41	µg/L	30
			FF	10/13/2025	37	µg/L	30
Enterococcus	Bay St	Seaside / Sand City	DR	9/27/2025	NF	MPN/100mL	104
			FF	10/13/2025	111990	MPN/100mL	104

Analyte	Site Name	Jurisdiction	Run	Date	Result	Units	WQO
Enterococcus (cont.)	Bay St	Seaside / Sand City	FF	10/13/2025	104620	MPN/100mL	104
Hardness	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	2000
			FF	10/13/2025	630	mg/L	2000
			FF	10/13/2025	80	mg/L	2000
Lead	Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L	30
			FF	10/13/2025	11.2	µg/L	30
			FF	10/13/2025	25.7	µg/L	30
Surfactants	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	1.18	mg/L	0.2
			FF	10/13/2025	0.23	mg/L	0.2
Nitrate	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	2.25
			FF	10/13/2025	0.5	mg/L	2.25
			FF	10/13/2025	0.6	mg/L	2.25
Orthophosphate	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
			FF	10/13/2025	0.3	mg/L	0.12
Potassium	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	20
			FF	10/13/2025	48.3	mg/L	20
			FF	10/13/2025	7.2	mg/L	20
Surfactants	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	0.2
			FF	10/13/2025	1.18	mg/L	0.2
			FF	10/13/2025	0.23	mg/L	0.2
TSS	Bay St	Seaside / Sand City	DR	9/27/2025	NF	mg/L	500
			FF	10/13/2025	156	mg/L	500
			FF	10/13/2025	200	mg/L	500
Turbidity	Bay St	Seaside / Sand City	DR	9/27/2025	NF	NTU	25
			FF	10/13/2025	70	NTU	25
			FF	10/13/2025	65	NTU	25
Urea	Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L	N/A
			FF	10/13/2025	313	µg/L	N/A
			FF	10/13/2025	415	µg/L	N/A
Zinc	Bay St	Seaside / Sand City	DR	9/27/2025	NF	µg/L	200
			FF	10/13/2025	224	µg/L	200
			FF	10/13/2025	256	µg/L	200