Regional Phase I MS4 NPDES Permit
Order No. R4-2021-0105
NPDES No. CAS004004

Watershed Management Program Progress Report Form
Reporting Period [5/12/2025-6/30/2025]

Watershed Management Program Name	Ventura County Watershed Management Program for the Malibu Creek Watershed
Participating Permittee(s)	City of Thousand Oaks, County of Ventura, Ventura County Watershed Protection District
Date of Watershed Management Program Progress Report	May 12, 2025 – June 30, 2025
Initial Approval Date of Watershed Management Program (according to Table 12 or Part IX.G.3 of the Order)	May 12, 2025

Note that Permittees will not be able to propose modifications to their WMP in the Watershed Management Program Progress Report Form. Any modification(s) shall be requested in writing explaining the nature of the proposed modification and justification for consideration by the Los Angeles Water Board [*Order – IX.C and IX.E.2*].

1.1 **Watershed Control Measure Milestone Progress**. Summarize the progress on all Watershed Control Measure requirements and dates for their achievement (milestones) identified in your WMP that were required to be achieved by the end of this Reporting Period. The milestones for specific projects may be reported as cumulative number of projects to be implemented (e.g., "Recipes for Compliance"; installation of prescribed volume of BMP capacity by a certain date; Percent Load Reduction of bacteria pollutant by a certain date), cumulative storm volume addressed[1] by control measures (e.g., LID, new/re-development projects, regional projects), or other metric. However, progress must be reported as percent completion of the selected milestone metric. If any milestones were not achieved, give a clear description of the action/milestone, explain the delay in control measure implementation, and provide the revised action/milestone. The summary must also include a list of (a) Permittees and non-Permittees collaborated with for achievement of milestones, (b) funding sought, (c) funding obtained, (d) technical assistance received (e.g., through the Safe Clean Water Program Watershed Area Steering Committee), (e) additional local community co-benefits such as clean streets (including, without limitation, street sweeping, litter abatement, etc.), more parks and green spaces, reduced heat island effect, reduced flooding, water supply augmentation, neighborhood beautification, and job creation, and (f) other co-benefits and resources accruing to disadvantaged communities as identified on CalEnviroScreen[2]. The format for this item is a text box but you are encouraged to provide this information in an appropriate format as an attachment with spreadsheets, graphs, and/or other elements that would concisely convey the required information.

No Watershed Control Measures Milestones were due within the Reporting Period. It is noted that the Watershed Management Plan (WMP) was approved on May 12, 2025, and was in effect for a limited time within the Reporting Period.

[1] Includes the volume of water captured, infiltrated, retained, treated, diverted or otherwise addressed by a watershed control measure.
[2] https://oehha.ca.gov/calenviroscreen

1.2 **Watershed Control Measures Completed**. Complete Table 1a, on an Excel spreadsheet. Include all watershed control measures (aside from minimum control measures specified in Part VIII of the Order) in the Watershed Management Program completed since the effective date of the Order for Ventura County Permittees, since March 28, 2014 for the City of Long Beach, and since December 28, 2012 for other Los Angeles County Permittees. This table is cumulative—i.e., the table should include all the control measures completed from the time of the aforementioned dates to the end of this reporting period. Structural control measures as well as non-structural control measures (e.g., enhanced MCMs such as incentive programs, outreach and conservation programs, etc.) should be included in this table. If information is not available for a particular field, the field should indicate "Not Applicable" (N/A) [*Order – IX*].

Table 1a: Watershed Control Measures Completed

Project Name	Previous Project Name(s) if Changed	Permittee(s)	Subwatershed	Project Type[3]	Description	Latitude[4]	Longitude[5]	Required Completion Date in WMP	Actual Completion Date	Capital Costs [$]	Cumulative O&M Costs [$]	Funding Source(s)	Project Footprint[6] [Acres]	Drainage Area[7] [Acres]	Projected Storage Capacity in WMP [Acre-feet]	Actual Storage Capacity[8] [Acre-feet]	Cumulative Volume Addressed[9] [Acre-feet]
Enhanced Street Sweeping – see attached Excel spreadsheet																	
Sewer Main & Lateral Relining Program – see attached Excel spreadsheet																	

[3] Choose from Regional Infiltration Facility, Regional Treatment Facility, Green Street, Diversion to Sewer, Non-Structural, or Other (specify). For Regional Treatment Facility projects, include a description of the treatment process and design specifications in section 1.2a. For Green Street projects, include linear miles of the green street in section 1.2a.
[4] Use decimal degrees (DD) format.
[5] Use decimal degrees (DD) format.
[6] The area footprint of the project.
[7] The area tributary to the project.
[8] The project's physical storage capacity to hold water. For example, for a regional infiltration facility, this would be the storage volume of the storage units plus the void space of backfill materials.
[9] Includes the cumulative volume of water captured, infiltrated, retained, treated, diverted, or otherwise addressed by the project.

1.2a) Additional Information. Provide additional information regarding the Watershed Control Measures completed (e.g., other compliance metrics and a list of (a) Permittees and non-Permittees collaborated with for achievement of milestones, (b) funding sought, (c) funding obtained, (d) technical assistance received (e.g., through the Safe Clean Water Program Watershed Area Steering Committee), (e) additional local community co-benefits such as clean streets (including, without limitation, street sweeping, litter abatement, etc.), more parks and green spaces, reduced heat island effect, reduced flooding, water supply augmentation, neighborhood beautification, and job creation, and (f) other co-benefits and resources accruing to disadvantaged communities as identified on CalEnviroScreen).

No Watershed Control Measures Milestones were due within the Reporting Period. It is noted that the Watershed Management Plan (WMP) was approved on May 12, 2025, and was in effect for a limited time within the Reporting Period.

1.3 **Watershed Control Measures Planned and In Progress**. Complete Table 1b, on an Excel spreadsheet. Include all watershed control measures (aside from minimum control measures specified in Part VIII of the Order) in the Watershed Management Program that are planned and in progress. Structural control measures as well as non-structural control measures (e.g., enhanced MCMs such as incentive programs, outreach and conservation programs, etc.) should be included in this table. If information is not available for a particular field, the field should indicate "Not Applicable" (N/A) [*Order – IX*].

Table 1b: Watershed Control Measures Planned and In Progress

Project Name	Permittee(s)	Subwatershed	Project Type[10]	Description	Latitude[11]	Longitude[12]	Required Completion Date in WMP	Estimated Completion Date	Estimated Capital Costs [$]	Estimated Annual O&M Costs [$]	Funding Source(s)	Project Footprint[13] [Acres]	Drainage Area[14] [Acres]	Projected Storage Capacity in WMP[15] [Acre-feet]	Status[16]
Enhanced Street Sweeping – see attached Excel spreadsheet															
Sewer Main & Lateral Relining Program – see attached Excel spreadsheet															
Low-Flow Stormwater Diversion Project – see attached Excel spreadsheet															
North Ranch Playfield Project – see attached Excel spreadsheet															

[10] Choose from *Regional Infiltration Facility*, *Regional Treatment Facility*, *Green Street*, *Diversion to Sewer, Non-Structural,* or *Other*. For Regional Treatment Facility projects, include a description of the treatment process and design specifications in section 1.3a.
[11] Use decimal degrees (DD) format.
[12] Use decimal degrees (DD) format.
[13] The area footprint of the project.
[14] The area tributary to the project.
[15] The project's physical storage capacity to hold water. For example, for a regional infiltration facility, this would be the storage volume of the storage units plus the void space of backfill materials.
[16] Description of the project's status. This may include the project implementation phase (e.g., funding, design, construction).

1.3a) Additional Information. Provide additional information regarding the Watershed Control Measures planned and in progress (e.g., other compliance metrics and a list of (a) Permittees and non-Permittees collaborated with for achievement of milestones, (b) funding sought, (c) funding obtained, (d) technical assistance received (e.g., through the Safe Clean Water Program Watershed Area Steering Committee), (e) additional local community co-benefits such as clean streets (including, without limitation, street sweeping, litter abatement, etc.), more parks and green spaces, reduced heat island effect, reduced flooding, water supply augmentation, neighborhood beautification, and job creation, and (f) other co-benefits and resources accruing to disadvantaged communities as identified on CalEnviroScreen).

A Low-Flow Stormwater Diversion Project is being prioritized due to feasibility to construct, availability of grant funding, and alignment of stormwater and recycled/potable water interests. The project is an exciting regional multi-benefit opportunity. The North Ranch Playfield project remains an alternative, planned project, if additional implementation strategies are needed.

1.4 **Water Body Pollutant Combination (WBPC) Compliance**. Complete Table 1c on an Excel spreadsheet for all WBPCs identified in the Watershed Management Program. If information is not available for a particular field, the field should indicate "Not Applicable" (N/A) [*Order – X*].

Table 1c: WBPC Compliance

WBPC Category (1, 2, or 3)	Pollutant	Receiving Water	Weather Condition (Wet, Dry, N/A)	Interim or Final	Deadline	Deadline Met? (Yes, No, N/A)	Method of Compliance[17]
1B	Algae	Lindero Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Algae	Medea Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Algae	Portrero Canyon Creek	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Algae	Sherwood Lake	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Algae	Westlake Lake	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Ammonia	Lindero Creek Reach 2	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Ammonia	Medea Creek Reach 2	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b

[17] Choose between the following four options: (1) outfall monitoring, (2) receiving water monitoring, (3) no direct or indirect discharge from MS4 to the applicable receiving water, or (4) full compliance of an approved WMP. If selecting option (4), reference applicable projects in Table 1a and 1b.

1B	Ammonia	Portrero Canyon Creek	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Ammonia	Sherwood Lake	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Ammonia	Westlake Lake	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Dissolved Oxygen	Lindero Creek Reach 2	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Dissolved Oxygen	Medea Creek Reach 2	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Dissolved Oxygen	Portrero Canyon Creek	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Dissolved Oxygen	Sherwood Lake	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Dissolved Oxygen	Westlake Lake	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Nitrate + Nitrite	Lindero Creek Reach 2	Summer and Winter (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Nitrate + Nitrite	Medea Creek Reach 2	Summer and Winter (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b

1B	Nitrate + Nitrite	Portrero Canyon Creek	Summer and Winter (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Nitrate + Nitrite	Sherwood Lake	Summer and Winter (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Nitrate + Nitrite	Westlake Lake	Summer and Winter (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Scum	Lindero Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Total Phosphorus	Lindero Creek Reach 2	Summer (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Total Phosphorus	Medea Creek Reach 2	Summer (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Total Phosphorus	Portrero Canyon Creek	Summer (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Total Phosphorus	Sherwood Lake	Summer (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Total Phosphorus	Westlake Lake	Summer (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
2B	Benthic Community Effects	Medea Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b

2B	Invasive Species	Medea Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
2C	Sedimentation	Medea Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b

1.5 **Additional Information**. Attach any additional information or reports pertinent to the WMP to this report. Provide a brief summary of these attachments below.

The English and Spanish versions of Section 1.1 of Attachment H_b can be found here: https://vcstormwater.org/programs/watershed-management-program/

Project Name	Previous Project Name(s) if Changed	Permittee(s)	Subwatershed	Project Type[3]	Description	Latitude[4]	Longitude[5]	Required Completion Date in WMP	Actual Completion Date	Capital Costs [$]	Cumulative O&M Costs [$]	Funding Source(s)	Project Footprint[6] [Acres]	Drainage Area[7] [Acre]	Projected Storage Capacity in WMP [Acre-feet]	Actual Storage Capacity[8] [Acre-feet]	Cumulative Volume Addressed[9] [Acre-feet]
Enhanced Street Sweeping	N/A	City of Thousand Oaks	Upper Mailbu Creek	Non-Structural Control	Increased street sweeping frequencies and expansion of industrial/commercial areas to include areas surrounding priority land use areas.	N/A	N/A	Ongoing	Ongoing; Started Jan. 2024	N/A	$383,000/yr	Franchise agreement with contracted waste hauler.	N/A	61,000 Acres	N/A	N/A	N/A
Sewer Main & Lateral Relining Program	N/A	City of Thousand Oaks	Upper Mailbu Creek	Structural Control	Sewer main and lateral relining to reduce exfiltration and infiltration.	N/A	N/A	Ongoing	Ongoing; Started Jul. 2024	Annual $2,500,000 budget for the next 10 years	N/A	Wastewater utility fund	N/A	N/A	N/A	N/A	N/A

Project Name	Permittee(s)	Subwatershed	Project Type[3]	Description	Latitude[4]	Longitude[5]	Required Completion Date in WMP	Estimated Completion Date	Capital Costs [$]	Cumulative O&M Costs [$]	Funding Source(s)	Project Footprint[6] [Acres]	Drainage Area[7] [Acre]	Projected Storage Capacity in WMP [Acre-feet]	Status
Enhanced Street Sweeping	City of Thousand Oaks	Upper Mailbu Creek	Non-Structural Control	Increased street sweeping frequencies and expansion of industrial/commercial areas to include areas surrounding priority land use areas.	N/A	N/A	Ongoing	Ongoing; Started Jan. 2024	N/A	$383,000/yr	Franchise agreement with contracted waste hauler.	N/A	61,000 Acres	N/A	Ongoing
Sewer Main & Lateral Relining Program	City of Thousand Oaks	Upper Mailbu Creek	Structural Control	Sewer main and lateral relining to reduce exfiltration and infiltration.	N/A	N/A	Ongoing	Ongoing; Started Jul. 2024	Annual $2,500,000 budget for the next 10 years	N/A	Wastewater utility fund	N/A	N/A	N/A	Ongoing
Low-Flow Stormwater Diversion Project	City of Thousand Oaks, County of Ventura & Ventura County WPD	Upper Mailbu Creek	Structural Control	Dry weather and first flush stormwater diversion to sewer project for water quality improvements and water supply augmentation.	34.1734 N	118.7889 W	N/A	December 2028	$3,074,690	~$150,000/yr	EPA Community Grant and CIP fund	N/A	466 Acres	N/A	EPA Grant Application in progress & RFP for Design 1st Quarter 2026
North Ranch Playfield	City of Thousand Oaks, County of Ventura & Ventura County WPD	Upper Mailbu Creek	Structural Control	Stormwater diversion and capture project with underground storage at a local park.	34.179983	-118.789763	September 2026	2030	$13,587,255	N/A	Cost share agreement	N/A	61,000 Acres	10.71	Ongoing

WBPC Category (1, 2, or 3)	Pollutant	Receiving Water	Weather Condition (Wet, Dry, N/A)	Interim or Final	Deadline	Deadline Met? (Yes, No, N/A)	Method of Compliance[9]
1B	Algae	Lindero Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Algae	Medea Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Algae	Portrero Canyon Creek	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Algae	Sherwood Lake	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Algae	Westlake Lake	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Ammonia	Lindero Creek Reach 2	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Ammonia	Medea Creek Reach 2	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Ammonia	Portrero Canyon Creek	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Ammonia	Sherwood Lake	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Ammonia	Westlake Lake	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Dissolved Oxygen	Lindero Creek Reach 2	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Dissolved Oxygen	Medea Creek Reach 2	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Dissolved Oxygen	Portrero Canyon Creek	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Dissolved Oxygen	Sherwood Lake	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Dissolved Oxygen	Westlake Lake	N/A	N/A	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Nitrate + Nitrite	Lindero Creek Reach 2	Summer and Winter (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b

WBPC Category (1, 2, or 3)	Pollutant	Receiving Water	Weather Condition (Wet, Dry, N/A)	Interim or Final	Deadline	Deadline Met? (Yes, No, N/A)	Method of Compliance[9]
1B	Nitrate + Nitrite	Medea Creek Reach 2	Summer and Winter (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Nitrate + Nitrite	Portrero Canyon Creek	Summer and Winter (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Nitrate + Nitrite	Sherwood Lake	Summer and Winter (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Nitrate + Nitrite	Westlake Lake	Summer and Winter (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Scum	Lindero Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
1B	Total Phosphorus	Lindero Creek Reach 2	Summer (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Total Phosphorus	Medea Creek Reach 2	Summer (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Total Phosphorus	Portrero Canyon Creek	Summer (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Total Phosphorus	Sherwood Lake	Summer (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
1B	Total Phosphorus	Westlake Lake	Summer (Wet and Dry)	Interim	Sept. 11, 2026	N/A	(4) WMP - see Tables 1a and 1b
2B	Benthic Community Effects	Medea Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
2B	Invasive Species	Medea Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b
2C	Sedimentation	Medea Creek Reach 2	N/A	N/A	N/A	N/A	(4) WMP - see Tables 1a and 1b