

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

**Watershed Management Program Progress Report Form
Reporting Period 7/1/21 – 12/31/21**

Watershed Management Program Name	City of Walnut
Participating Permittee(s)	Melissa Barcelo
Date of Watershed Management Program Progress Report	6/15/2022
Initial Approval Date of Watershed Management Program (according to Table 12 or Part IX.G.3 of the Order)	4/28/2015

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 addressed¹ 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 CalEnviroScreen². 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.

The only project milestone required to be achieved during this reporting period was the construction of Green Streets Project No. 3. Due to longer than anticipated lead time for construction materials, construction has carried on into the following reporting period. The City has continued to implement the approved WMP MCM's and IMP.

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]

Please See Attached “1.2 - Watershed Control Measures Complete 6.15.2022” 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).

(Provide information within this space or as an attachment)

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

Please see attached “1.3 - Watershed Control Measures Planned and In Progress 6.15.2022” 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).

(Provide information within this space or as an attachment)

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

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.

(Provide information within this space or as an attachment)

Please See Attached “1.4 - Watershed Water Body Pollutant Combination Compliance 6.15.2022” Excel Spreadsheet

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.

Watershed Control Measures Completed

Project Name	Previous Project Name(s) if Changed	Permittee(s)	Subwatershed	Project Type	Description	Latitude	Longitude	Required Completion Date in WMP	Actual Completion Date	Capital Costs [\$]	Cumulative O&M Costs [\$]	Funding Source(s)	Project Footprint [Acres]	Drainage Area [Acres]	Projected Storage Capacity in WMP [Acre-feet]	Actual Storage Capacity [Acre-feet]	Cumulative Volume Addressed [Acre-feet]
Green Streets Project No. 1	N/A	City of Walnut	San Gabriel River Watershed	Green Street	Installation of Filterra Bio Filter Tree Well System units as a part of the La Puente Rd Rehabilitation project.	34.025047°	-117.847490°	12/31/2019	12/11/2019	\$ 73,400.00	TBD	Measure W	0.1	1.00	N/A	N/A	Flow Based BMP
Green Streets Project No. 2	N/A	City of Walnut	San Gabriel River Watershed	Green Street	Installation of Filterra Bio Filter Tree Well System units as a part of the Amar Rd Rehabilitation project.	34.029403°	-117.889648°	12/31/2020	3/24/2021	\$ 117,300.00	TBD	Measure W	0.01	2.15	N/A	N/A	Flow Based BMP

Water Body Pollutant Combination 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
1	Lead	San Jose Creek Walnut Creek Wash	Wet	Final	2026	Yes	(1) outfall monitoring (2) receiving water monitoring
1	Selenium	San Jose Creek	Dry	Final	2023	Yes	(1) outfall monitoring (2) receiving water monitoring
1	E. Coli	San Jose Creek Walnut Creek Wash	Dry	Final	2026	N/A	
1	E. Coli	San Jose Creek Walnut Creek Wash	Wet	Final	2036	N/A	
2	Ammonia	San Jose Creek	Wet & Dry	Final	2036	Yes	(1) outfall monitoring (2) receiving water monitoring
2	Benthic Macroinvertebrates	Walnut Creek Wash	Wet & Dry	Final	2036	Yes	(3) no direct or indirect discharge from MS4 to the applicable receiving water
2	Cyanide	San Jose Creek Walnut Creek Wash	Wet and Dry	Final	2036	Yes	(1) outfall monitoring (2) receiving water monitoring
2	pH	San Jose Creek Walnut Creek Wash	Wet and Dry	Final	2036	Yes	(3) no direct or indirect discharge from MS4 to the applicable receiving water
2	Total Dissolved Solids	San Jose Creek	Dry	Final	2036	N/A	
2	Toxicity	San Jose Creek	Wet and Dry	Final	2036	Yes	(3) no direct or indirect discharge from MS4 to the applicable receiving water