

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

**Watershed Management Program Progress Report Form  
Reporting Period 7/1/2021-12/31/2021**

<b>Watershed Management Program Name</b>	City of El Monte Watershed Management Program (Ind)
<b>Participating Permittee(s)</b>	City of El Monte
<b>Date of Watershed Management Program Progress Report</b>	6/15/2022
<b>Initial Approval Date of Watershed Management Program (according to Table 12 or Part IX.G.3 of the Order)</b>	4/28/2015 (revised 6/30/2021)

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<sup>1</sup> 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<sup>2</sup>. 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 City of El Monte submitted an updated Watershed Management Program (WMP) to the Los Angeles Regional Water Quality Control Board (Regional Board) on June 30, 2021. The City is currently working with the Regional Board to address Regional Board comments on the updated WMP.

The following sections provide a summary of (a) Permittees (the City of El Monte) and non-Permittees collaborated with, (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. Permittees and non-permittees' collaboration**

The City has collaborated with other permittees and non-Permittees. The City recently collaborated with neighboring cities (permittees) on a Regional Infiltration Rate Study. Non-permittees that the City has worked with include water quality consultants including CWE, John L. Hunter & Associates, CASC Engineering and Consulting, Craftwater, Paradigm Environmental, and Alta Planning and Design. The City has also worked with the Trust for Public Land (TPL),

<sup>1</sup> Includes the volume of water captured, infiltrated, retained, treated, diverted or otherwise addressed by a watershed control measure.

<sup>2</sup> <https://oehha.ca.gov/calenviroscreen>

the Safe Clean Water Program (SCWP) USGR and Rio Hondo Watershed Coordinators, ActiveSGV, Amigos de los Rios, and the USGR WMP and Rio Hondo SGR WMP Groups for shared monitoring. The City has also worked with neighboring cities regarding stakeholders (including the public) during development of WMP projects.

**b. Funding sought**

The City plans to submit the Merced Avenue Stormwater Capture Project for SCWP Regional Funding in July 2022. The City has sought project funding from its own General Fund, the SCWP Municipal Program, and Block Grants.

**c. Funding obtained**

The City obtained funding in the amount of \$4.0 million for the Garvey Avenue Grade Separation Drainage Improvement Project through the SCWP Regional Program. This funding will provide for a portion of the construction costs associated with the project. The Zamora Park Renovation Project, led by the Trust for Public Land, obtained funding through the SCWP Regional Program in the amount of \$2.0 million. Funding from Measure M, Measure R, Proposition C, and RMC Grants also help fund the City's projects.

**d. Technical assistance received (e.g., through the Safe Clean Water Program Watershed Area Steering Committee)**

The City is currently not receiving SCWP Technical Assistance for any projects.

**e. Additional local community co-benefits**

**Clean Streets**

Clean streets are an important part of a community. The City realizes that the removal of dirt, debris, and litter through street sweeping is a proven and effective way to reduce pollutants that may enter the storm drain system. The City implements enhanced street sweeping and litter abatement on an on-going basis and at a frequency greater than MS4 Permit minimum requirements. Catch basin trash excluders were installed City-wide in 2016. In addition, the City collects trash from the trash receptacles at bus stops throughout the city.

**Parks and green space**

The City is continually planning and designing stormwater capture projects that include green space in order to increase the amount of park and green space areas. These park and green spaces provide vital areas for recreation as well as help to mitigate stormwater runoff and improve air quality.

The City's Lambert Park Improvement Project included a new concession/restroom/office building, new playgrounds, a promenade, a courtyard, lighting and electrical upgrades, an exercise/fitness area, new grass bioswales, and other landscape/irrigation improvements. The bioswales were designed and constructed to capture onsite run-off and promote groundwater recharge through infiltration to minimize the amount of runoff discharging into the Rio Hondo. The project also included the installation of new trees to provide additional shade and improve local air quality. This project is located in a disadvantage community (DAC) offering multiple benefits to for all park users of all ages.

The City and the Trust for Public Land are collaborating on the Zamora Park Renovation Project which will include approximately 112 new trees as well as numerous other native plants and shrubs.

The City's planned Merced Avenue Stormwater Capture Project will include a collection of outdoor spaces that can be used for play, relaxation, picnicking, and socializing.

**Reduced heat island effect**

The heat island effect occurs when urban structures replace natural landscapes, causing increased temperatures.

The City began an Arbor Day tree planting initiative in 2017 and approximately 350 trees are planted as part of the annual effort. The City also has an Urban and Community Forestry Management Plan Manual and uses the manual to support nature and habitat, promote improved public health, promote improved air quality, and promote reduced runoff. Similarly, the City's Zamora Park Renovation Project will include the planting of approximately 112 new trees along the perimeter of the walking paths and bioswales. The addition of these trees, bioswales, and landscaped areas with native and drought tolerant plants will help combat the heat island effect.

**Reduce flooding**

Projects throughout the City are being designed to capture and infiltrate runoff and reduce the risk of local flooding by allowing stormwater to infiltrate into the soil.

The Garvey Project will capture stormwater runoff from nearby storm drains and provide for the infiltration of that runoff during rain events. This project will eliminate local flooding in the area as well as provide for some limited groundwater recharge.

The City's planned Merced Avenue Stormwater Capture Project will also capture stormwater runoff from nearby storm drains and provide for the infiltration of that runoff during rain events. This project will reduce local flooding in the area as well as provide for some limited groundwater recharge.

**Water supply augmentation**

Infiltration features incorporated into projects, such as bioswales, permeable or porous surfaces, rain gardens, and green street elements infiltrate stormwater runoff and can help recharge groundwater supplies.

The City's Garvey and Merced projects will provide for some limited groundwater recharge.

**Neighborhood beautification**

The City has a Streetscape Beautification Master Plan that provides guidance for streetscape elements in order to incorporate trees, plants, and climate resilient design treatments for all users. The plan assures incorporated treatments will hold up over time and are suited to both the climate and scaled to match City resources. The plan goals are to enhance safety, create climate resiliency, reflect a sense of place, simplify maintenance, and create visual cohesion.

The City's Zamora Park Renovation Project will include recreational and aesthetic improvements, such as new exercise equipment and athletic field enhancements. The project will also consist of LID features such as bioswales and native plantings. New educational signage will be included throughout the park.

The City provides a service for bulky item collection to ensure debris is collected and not allowed to remain in neighborhoods and impact water quality. Household hazardous and electronic waste are collected as part of annual collection events. Any abandoned household hazardous waste or E-Waste are collected by staff from the public right-

of-way and taken to a holding area until a contractor can remove and dispose of them appropriately. The public may properly dispose of used motor oil and used filters via a network of certified collection centers.

### **Job creation**

During construction, the Zamora Park Renovation Project will support workforce development through a partnership with the Los Angeles Conservation Corps, providing hands-on training to at-risk and school-aged youth in landscaping, tree planting, and other green construction skills.

The City projects target all worker hiring program requirements intended to enhance local job growth.

### **f. Disadvantaged Community co-benefits**

The implementation of projects with green infrastructure provides multi-benefits and also promote development that is sustainable, provide co-benefits, and create healthier communities.

The City's stormwater and park rehabilitation projects include stormwater infrastructure or infiltration features such as bioswales and green space within this DAC. These projects provide the DAC with park improvements, new drought-resistant trees, landscaping, bike routes, walking paths, and improved lighting. The projects provide opportunities for passive and active recreation, safe and accessible paths for travel, amenities, and a sense of community. The projects promote sustainability through the use of native plants, nature-based materials, stormwater management, and increased urban forest canopy and shade.

Renovation of the existing parks and the incorporation of green infrastructure into new projects will also increase community safety for the neighborhood by adding new features such as additional lighting and security cameras, creating a safer and more inviting environment for the DAC while reducing illicit activities. The incorporation of green space into projects will create usable, safe, and engaging spaces where community residents can gather, recreate, and connect with other community members.

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)	Sub-watershed	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 [Acro-feet]	Actual Storage Capacity [Acro-feet]	Cumulative Volume Addressed [Acro-feet]
Ramona Blvd/Valley Blvd Intersection Improvements	Not Applicable	El Monte	Rio Hondo (LAR)	Biofiltration system	Biofiltration	34.07251	-118.03258	Not Applicable	11/30/2021	\$4,100,000.00	Pending	Municipal General Fund	0.01 ac	0.50 ac	Not Applicable	0.02 ac-ft	Pending
Downtown Improvements	Not Applicable	El Monte	Rio Hondo (LAR)	Infiltration Gallery	LID Retrofit, Infiltration	34.07512	-118.03836	Not Applicable	9/30/2019	\$500,000.00	Pending	Municipal General Fund	1.00 ac	5.00 ac	Not Applicable	1.00 ac-ft	Pending
Lambert Park Improvements	Not Applicable	El Monte	Rio Hondo (LAR)	LID Retrofit, Biofiltration	Biofiltration	34.08744	-118.01994	Not Applicable	6/30/2019	\$400,000.00	Pending	Municipal General Fund	0.01 ac	6.00 ac	Not Applicable	0.03 ac-ft	Pending
Safe Routes to Schools, Cherrylee Elementary School	Not Applicable	El Monte	San Gabriel River	Green Street, Biofiltration	Bioswales	34.09497	-118.00859	Not Applicable	12/1/2017	\$44,000.00	Pending	Other Federal Program	0.01 ac	0.50 ac	Not Applicable	0.02 ac-ft	Pending
Safe Routes to Schools, Wilkerson Elementary School	Not Applicable	El Monte	Rio Hondo (LAR)	Green Street, Biofiltration	Bioswales	34.06275	-118.04453	Not Applicable	2/1/2016	\$44,000.00	Pending	Other Federal Program	0.01 ac	0.50 ac	Not Applicable	0.02 ac-ft	Pending
Safe Routes to Schools, Kranz Intermediate School	Not Applicable	El Monte	San Gabriel River	Green Street, Biofiltration	Porous gutter sections and Bioswales	34.04551	-118.02417	Not Applicable	1/1/2015	\$77,000.00	Pending	Other Federal Program	0.01 ac	0.50 ac	Not Applicable	0.03 ac-ft	Pending

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 additional information at this time.

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	Description	Latitude	Longitude	Required Completion Date in WMP	Estimated Completion Date	Estimated Capital Costs [\$]	Estimated Annual O&M Costs [\$]	Funding Source(s)	Project Footprint [Acres]	Drainage Area [Acres]	Projected Storage Capacity in WMP [Acro-feet]	Status
Citywide Street Sweeping	El Monte	Not Applicable	Enhanced Street Sweeping	Street Sweeping at frequency greater than permit requirements	Not Applicable	Not Applicable	Not Applicable	6/30/2022	\$324,000.00	Not Applicable	Safe, Clean Water	Not Applicable	Not Applicable	Not Applicable	Implementation
Garvey Ave Grade Separation Drainage Improvement Project	El Monte	San Gabriel River	Regional Infiltration Gallery	project will divert stormwater runoff into subsurface galleries	34.0632	-118.01561	Not Applicable	5/31/2024	\$4,100,000.00	\$20,000.00	Safe, Clean Water	2	78.00 ac	4.60 ac-ft	Planning
Zamora Park Renovation Project	El Monte	San Gabriel River	Biofiltration	Biofiltration, Bioswales	34.0718	-118.01111	Not Applicable	6/30/2024	\$6,100,000.00	\$26,000.00	Safe, Clean Water, Municipal General Fund, CA State Proposition 68, Other Municipal Program	2.5	4.50 ac	0.23 ac-ft	Planning
MacLaren Hall Property Park and Sports Fields Project - concept	El Monte; Unincorporated LA County	San Gabriel River	Biofiltration	proposed regional project led by LA County	34.0725	-118.00534	Not Applicable	6/30/2023	\$2,000,000.00	\$15,000.00	Safe, Clean Water, Municipal General Fund	4	11.00 ac	Not Applicable	Planning
Lambert Park Improvements Project	El Monte	Rio Hondo (LAR)	Biofiltration	Biofiltration, Bioswales	34.0874	-118.01994	Not Applicable	6/30/2024	\$5,100,000.00	\$5,000.00	Municipal General Fund	0.01 ac	5.00 ac	Not Applicable	Planning
Ramona Blvd Improvements	El Monte	San Gabriel River	Biofiltration	Biofiltration system	34.0753	-118.01255	Not Applicable	8/30/2022	\$3,100,000.00	\$5,000.00	Municipal General Fund; Measure R; STP-L; Proposition C, Traffic Congestion Relief Fund	0.01 ac	0.50 ac	Not Applicable	Planning
Merced Ave Stormwater Capture Project	El Monte	Rio Hondo (LAR)	Green Street, Biofiltration	Stormwater capture system, Biofiltration	34.0645	-118.05134	Not Applicable	6/30/2024	\$10,000.00	\$5,000.00	Safe, Clean Water application	2	490.00 ac	8.00 ac-ft	Design
Parkway Dr Improvements	El Monte	San Gabriel River	Biofiltration	Biofiltration system	34.0475	-118.01747	Not Applicable	12/31/2025	\$300,000.00	\$6,000.00	Municipal General Fund	0.01 ac	0.50 ac	Not Applicable	Design
Arden Dr Improvements	El Monte	Rio Hondo (LAR)	Biofiltration	Biofiltration system	34.0848	-118.04421	Not Applicable	12/31/2024	\$300,000.00	\$2,000.00	Municipal General Fund	0.01 ac	0.50 ac	Not Applicable	Design
Valley Blvd Complete Streets	El Monte	Rio Hondo (LAR)	Green Street, Biofiltration	Green street project with stormwater capture features	34.0416	-117.93031	Not Applicable	6/30/2025	\$350,000.00	\$2,000.00	Municipal General Fund	0.01 ac	0.50 ac	Not Applicable	Study
Garvey Ave Complete Streets	El Monte	San Gabriel River	Green Street, Biofiltration	Green street project with stormwater capture features	34.0935	-117.86426	Not Applicable	12/31/2026	\$350,000.00	\$2,000.00	Municipal General Fund	0.01 ac	0.50 ac	Not Applicable	Study

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).

Please see Section 1.1 for the details of planned and in-progress Watershed Control measure.

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	Dealine Met? (Yes, No, N/A)	Method of Compliance

(This table has been left blank because the WMP did not identify any WBPCs with deadlines that occurred during the Reporting Period. Applicable deadlines for WBPCs will be presented in future submittals when occurring during the covered Reporting Period.)

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 Certification Statement is also attached to this WMP Progress Report Form.

The WMP Progress Report is posted on the City’s Official Website at: <https://www.ci.el-monte.ca.us/538/NPDES-and-MS4>

FY 2021/22 SEMI-ANNUAL REPORT FOR  
ORDER NO. R4-2021-0105  
NPDES PERMIT NO. CAS004004  
City of El Monte

*"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Signature of either a principal executive officer, ranking elected official, or by a duly authorized representative of a principal executive officer or ranking elected official. A person is a duly authorized representative only if:

- a. The authorization is made in writing by a principal executive officer or ranking elected official.
- b. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
- c. The written authorization is submitted to the Regional Board.

If an authorization of a duly authorized representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization will be submitted to the Regional Board prior to or together with any reports, information, or applications, to be signed by an authorized representative.

Signature: \_\_\_\_\_

Sal Mendez

Title: Public Works and Utilities Director

Date: June 14, 2022