



## Appendix A Section 1.2 – Watershed Control Measures Completed

Order R4-2021-0105 NPDES Permit No. CAS004004 - Appendix H, Section 1.2 Watershed Control Measures requires the completion of Table 1a for watershed control measures completed from December 28, 2012 to the end of this reporting period. Section 1.2a provides a list of additional information to be provided for each watershed control measure. Appendix A of this Semi-Annual Report includes this information in 2 parts to address these requirements. The tables are titled as follows:

- Section 1.2 - Table 1a-part 1: Watershed Control Measures Completed
- Section 1.2 - Table 1a-part 2: Additional Information

Section 1.2 - Table 1a-part 1: 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 <sup>2</sup> [Acre-feet] |
|---|---|---------------------------------------|------------------|-----------------------------------|--|----------------|----------------|---------------------------------|------------------------|--------------------|---------------------------|--|---------------------------|-----------------------|---|-------------------------------------|--|
| Argo Drain Sub-Basin Facility                               | Westchester Stormwater Improvement Project              | Los Angeles, Unincorporated LA County | Santa Monica Bay | Regional Infiltration Gallery     | The project, located in CD 11, will capture the first ¼-inch rainfall from the Argo Drain, 8-foot by 9-foot box County of LA Drain #647, and 84-inch City of LA Drain, which discharge into Santa Monica Bay. The captured flow from these three storm drains will be pre-treated to remove trash and particulates. The flows will then be diverted to a pump station, which will move the stormwater into a clarifier for further pre-treatment to settle out suspended solids. After clarifying, the water will flow to an 8.1-million-gallon underground infiltration system. | 33.952415      | -118.432772    | Not Applicable                  | 4/20/2022              | \$50,925,276.00    | \$6,929,324.00            | City of LA Proposition O, Other Municipal Program        | 5.00 ac                   | 2,320.00 ac           | 151.06 ac-ft                                  | 25.00 ac-ft                         | 793.73 ac-ft   |
| Clean Beaches Initiative                                    | Not Applicable  | Santa Monica                          | Santa Monica Bay | Regional Treatment Facility       | The Clean Beaches Project captures stormwater runoff flowing off the downtown watershed area (Pier Watershed - approximately 106 acres) and diverts it to a 1.6-million-gallon cistern located adjacent to the Santa Monica Pier. Salty groundwater found under and around the cistern is added to the mix, and the blended water is treated, and distributed for irrigation and toilet flushing thru the City's purple pipe system (Reclaimed Water system) for non-potable uses.   | 34.011599      | -118.496893    | Not Applicable                  | 8/29/2018              | \$16,000,000.00    | \$240,000.00              | State Water Board Clean Beaches Initiative Grant Program | 0.50 ac                   | 100.00 ac             | 5.00 ac-ft                                    | 5.00 ac-ft                          | 193.78 ac-ft   |
| Drought Management Plan                                     | Drought Management Plan and Water Conservation Campaign | Unincorporated LA County              | Not Applicable   | Outreach and Conservation Program | Strategic communication plan for drought management  | Not Applicable | Not Applicable | Not Applicable                  | 10/31/2024             | \$201,100.00       | Not Applicable            | Municipal General Fund                                   | Not Applicable            | Not Applicable        | Not Applicable                                | Not Applicable                      | 0.00 ac-ft   |
| Green Alley Master Plan (GAMP)                              | Not Applicable  | Unincorporated LA County              | Not Applicable   | Other                             | The County's GAMP includes feasibility investigations, site specific evaluations, and geotechnical testing to identify opportunities for green alley projects throughout the unincorporated County areas. The GAMP identifies over 140 alley segments conducive to green infrastructure retrofit that will guide the County's green alley implementation efforts to comply with the MS4 permit.  | Not Applicable | Not Applicable | Not Applicable                  | 6/30/2021              | \$510,519.53       | Not Applicable            | Municipal General Fund                                   | Not Applicable            | Not Applicable        | Not Applicable                                | Not Applicable                      | 0.00 ac-ft   |
| Green Street Standard Plans and Design Guidelines (GSSP&DG) | Not Applicable  | Unincorporated LA County              | Not Applicable   | Other                             | The GSSP&DG include standard plans and design guidelines for bioretention planters, curb extensions, basin as well as subsurface infiltration BMPs such as tree wells, drywells, and infiltration galleries. The GSSP&DG will help the region standardize green infrastructure practices to reduce construction and maintenance costs.   | Not Applicable | Not Applicable | Not Applicable                  | 5/11/2021              | \$504,539.53       | Not Applicable            | Municipal General Fund                                   | Not Applicable            | Not Applicable        | Not Applicable                                | Not Applicable                      | 0.00 ac-ft   |
| Green Streets Master Plan (GSMP)                            | Not Applicable  | Unincorporated LA County              | Not Applicable   | Other                             | The County's GSMP includes feasibility investigations, site specific evaluations, and geotechnical testing to identify opportunities for green street projects throughout the unincorporated County areas. The GSMP identifies over 100 sites conducive to green infrastructure retrofit that will guide the County's green street implementation efforts to comply with the MS4 permit.   | Not Applicable | Not Applicable | Not Applicable                  | 1/31/2022              | \$2,835,132.53     | Not Applicable            | Municipal General Fund                                   | Not Applicable            | Not Applicable        | Not Applicable                                | Not Applicable                      | 0.00 ac-ft   |
| Los Amigos Park   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Regional Treatment Facility       | The Los Amigos Park Retrofit is a collaborative effort between the City of Santa Monica, the Santa Monica Malibu Unified School District, and the Metropolitan Water District of Southern California. The project stores approximately 53,000 gallons of urban runoff and offset up to 550,000 gallons of potable water each year.   | 34.0065        | -118.4822      | Not Applicable                  | 5/18/2017              | \$3,000,000.00     | \$490,000.00              | Not Applicable   | 0.01 ac                   | 32.00 ac              | Not Applicable                                | 0.17 ac-ft                          | 92.27 ac-ft  |
| MalibuSmart/TopangaSmart                                    | Not Applicable  | Unincorporated LA County, Malibu      | Not Applicable   | Incentive Program                 | Rebate program for fixtures and appliances for District 29 customers   | Not Applicable | Not Applicable | Not Applicable                  | 6/30/2022              | \$0.00             | Not Applicable            | Municipal General Fund, Other Municipal Program          | Not Applicable            | Not Applicable        | Not Applicable                                | Not Applicable                      | 0.00 ac-ft   |
| Marine Park   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Regional Treatment Facility       | The City of Santa Monica was awarded a Prop 84 grant to construct a pipeline from the 2.75 MG Penmar Stormwater Harvesting Tank located under Penmar Park in the City of Los Angeles to a 25,000 gallon cistern located at Marine Park to irrigate the playing fields and landscaping at Marine Park. The collection, pre and primary treatment was built by the City of Los Angeles as part of the construction of the 2.75 MG harvesting tank.   | 34.0062        | -118.4656      | Not Applicable                  | 2/9/2018               | \$2,000,000.00     | \$86,000.00               | CA State Proposition 84                                  | 0.01 ac                   | 635.90 ac             | Not Applicable                                | 0.09 ac-ft                          | 74.41 ac-ft  |
| Ocean Park Boulevard Green Street                           | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Biofiltration       | Diversion  | 34.003932      | -118.481458    | Not Applicable                  | 5/1/2013               | \$4,893,000.00     | \$22,800.00               | Not Applicable   | 0.25 ac                   | 33.60 ac              | 0.00 ac-ft                                    | 2.34 ac-ft                          | 253.49 ac-ft   |
| Old Oak Road Swales Green Street                            | N/A   | Los Angeles                           | Santa Monica Bay | Green Street, Bioretention        | Project treats water through the following design elements; 11 parkway bio-swales, 2 curbside grating catch basins, 2 alley grating catch basins, native vegetation. The approximate drainage area is 50 acres of residential area within an equestrian community.   | 34.06028       | -118.496375    | Not Applicable                  | 5/1/2014               | \$410,000.00       | \$71,770.00               | CA State Proposition 84                                  | 1.00 ac                   | 43.00 ac              | 22.00 ac-ft                                   | 0.10 ac-ft                          | 185.67 ac-ft   |
| Penmar Water Quality Improvement Phase I and Phase II       | Not Applicable  | Los Angeles                           | Santa Monica Bay | Diversion to Sanitary Sewer       | Phase I: BMPs: 2 hydrodynamic separators, lift station, 2.75-million gallon underground detention tank. Phase II: Construction of an onsite stormwater treatment /disinfection system. The treated stormwater is to be used for landscape irrigation.  | 34.006583      | -118.455594    | Not Applicable                  | 8/30/2018              | \$24,711,226.00    | \$5,438,159.00            | CA State Proposition 84                                  | 70.00 ac                  | 1,468.00 ac           | 8.44 ac-ft                                    | 8.44 ac-ft                          | 1,070.63 ac-ft                                       |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.01869       | -118.48769     | Not Applicable                  | 6/25/2019              | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.69 ac               | Not Applicable                                | 0.17 ac-ft                          | 2.03 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.01933       | -118.48658     | Not Applicable                  | 5/29/2019              | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.85 ac               | Not Applicable                                | 0.05 ac-ft                          | 2.40 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0232        | -118.4819      | Not Applicable                  | 1/4/2019               | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.78 ac               | Not Applicable                                | 0.05 ac-ft                          | 2.96 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.02172       | -118.48385     | Not Applicable                  | 1/4/2019               | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.52 ac               | Not Applicable                                | 0.03 ac-ft                          | 2.15 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.02019       | -118.48576     | Not Applicable                  | 1/4/2019               | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.54 ac               | Not Applicable                                | 0.03 ac-ft                          | 2.20 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0201        | -118.4893      | Not Applicable                  | 7/14/2017              | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.77 ac               | Not Applicable                                | 0.06 ac-ft                          | 3.41 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0264        | -118.4838      | Not Applicable                  | 7/14/2017              | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.57 ac               | Not Applicable                                | 0.08 ac-ft                          | 2.70 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0344        | -118.4779      | Not Applicable                  | 7/14/2017              | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.31 ac               | Not Applicable                                | 0.05 ac-ft                          | 1.59 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0192        | -118.4901      | Not Applicable                  | 5/31/2017              | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.48 ac               | Not Applicable                                | 0.05 ac-ft                          | 2.32 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0381        | -118.4698      | Not Applicable                  | 12/23/2016             | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.73 ac               | Not Applicable                                | 0.03 ac-ft                          | 3.93 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0257        | -118.4885      | Not Applicable                  | 11/23/2016             | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.56 ac               | Not Applicable                                | 0.05 ac-ft                          | 3.28 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0229        | -118.4889      | Not Applicable                  | 11/23/2016             | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.53 ac               | Not Applicable                                | 0.07 ac-ft                          | 3.14 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0257        | -118.4885      | Not Applicable                  | 11/23/2016             | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.56 ac               | Not Applicable                                | 0.05 ac-ft                          | 3.28 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0323        | -118.4739      | Not Applicable                  | 11/23/2016             | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.95 ac               | Not Applicable                                | 0.07 ac-ft                          | 4.91 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0214        | -118.478       | Not Applicable                  | 11/23/2016             | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.17 ac               | Not Applicable                                | 0.00 ac-ft                          | 1.11 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0356        | -118.4705      | Not Applicable                  | 11/23/2016             | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.46 ac               | Not Applicable                                | 0.03 ac-ft                          | 2.77 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0371        | -118.4687      | Not Applicable                  | 11/23/2016             | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.64 ac               | Not Applicable                                | 0.03 ac-ft                          | 3.64 ac-ft   |
| Permeable Alley   | Not Applicable  | Santa Monica                          | Santa Monica Bay | Green Street, Bioretention        | Permeable surface v-gutters in alley   | 34.0214        | -118.4909      | Not Applicable                  | 11/11/2016             | \$0.00             | \$0.00                    | Not Applicable   | 0.14 ac                   | 0.68 ac               | Not Applicable                                | 0.05 ac-ft                          | 3.83 ac-ft   |

Section 1.2 - Table 1a-part 1: 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 <sup>2</sup> [Acre-feet] |
|---|-------------------------------------|--------------------------|------------------|-------------------------------|---|----------------|----------------|---------------------------------|------------------------|--------------------|---------------------------|--|---------------------------|-----------------------|---|-------------------------------------|--|
| Permeable Alley   | Not Applicable                      | Santa Monica             | Santa Monica Bay | Green Street, Bioretention    | Permeable surface v-gutters in alley  | 34.0315        | -118.4777      | Not Applicable                  | 7/15/2015              | \$0.00             | \$0.00                    | Not Applicable                                   | 0.14 ac                   | 0.68 ac               | Not Applicable                                | 0.03 ac-ft                          | 4.20 ac-ft   |
| Permeable Alley   | Not Applicable                      | Santa Monica             | Santa Monica Bay | Green Street, Bioretention    | Permeable surface v-gutters in alley  | 34.0234        | -118.4876      | Not Applicable                  | 7/15/2015              | \$0.00             | \$0.00                    | Not Applicable                                   | 0.14 ac                   | 1.36 ac               | Not Applicable                                | 0.03 ac-ft                          | 6.83 ac-ft   |
| Permeable Alley   | Not Applicable                      | Santa Monica             | Santa Monica Bay | Green Street, Bioretention    | Permeable surface v-gutters in alley  | 34.0355        | -118.4759      | Not Applicable                  | 7/15/2015              | \$0.00             | \$0.00                    | Not Applicable                                   | 0.14 ac                   | 0.69 ac               | Not Applicable                                | 0.03 ac-ft                          | 4.27 ac-ft   |
| Permeable Alley   | Not Applicable                      | Santa Monica             | Santa Monica Bay | Green Street, Bioretention    | Permeable surface v-gutters in alley  | 34.0361        | -118.4766      | Not Applicable                  | 7/15/2015              | \$0.00             | \$0.00                    | Not Applicable                                   | 0.14 ac                   | 0.81 ac               | Not Applicable                                | 0.02 ac-ft                          | 4.84 ac-ft   |
| Permeable Alley   | Not Applicable                      | Santa Monica             | Santa Monica Bay | Green Street, Bioretention    | Permeable surface v-gutters in alley  | 34.0352        | -118.4775      | Not Applicable                  | 7/15/2015              | \$0.00             | \$0.00                    | Not Applicable                                   | 0.14 ac                   | 0.75 ac               | Not Applicable                                | 0.02 ac-ft                          | 4.54 ac-ft   |
| Permeable Alley   | Not Applicable                      | Santa Monica             | Santa Monica Bay | Green Street, Bioretention    | Permeable surface v-gutters in alley  | 34.0348        | -118.4769      | Not Applicable                  | 6/23/2015              | \$0.00             | \$0.00                    | Not Applicable                                   | 0.14 ac                   | 0.56 ac               | Not Applicable                                | 0.03 ac-ft                          | 3.62 ac-ft   |
| Sandhill Infiltration Basin                               | Not Applicable                      | El Segundo               | Santa Monica Bay | Regional Infiltration Gallery | Located in the Santa Monica Bay watershed, this infiltration basin collects runoff from 53 acres of tributary area. The basin is currently size to capture and retain more than the SWQDv from the tributary area, all of which infiltrates in the basin.   | 33.926532      | -118.427016    | 12/30/2019                      | 12/18/2019             | \$0.00             | \$0.00                    | Municipal General Fund                           | 0.79 ac                   | 53.00 ac              | 4.70 ac-ft                                    | 1.37 ac-ft                          | 77.76 ac-ft  |
| Santa Monica Bay Low Flow Diversion Upgrades, Pkg. 3 Ph 2 | Not Applicable                      | Los Angeles              | Santa Monica Bay | Diversion to Sanitary Sewer   | Constructed a relief sewer (CIRS-Approximately 900 total linear feet of pipe) to the Coastal Interceptor Sewer in order to comply with the bacteria TMDL winter dry-weather regulations   | 34.037911      | -118.541453    | 10/1/2015                       | 10/1/2015              | \$14,194,469.00    | \$4,365,091.00            | CA State Proposition 84, Other Municipal Program | 0.07 ac                   | 9,988.00 ac           | 0.00 ac-ft                                    | 0.00 ac-ft                          | 0.00 ac-ft   |
| SWIP  | Not Applicable                      | Santa Monica             | Santa Monica Bay | Regional Treatment Facility   | <p>The City of Santa Monica Sustainable Water Infrastructure Project (SWIP) is a first of its kind project that provides a drought resilient water supply for the City. The SWIP Consists of three integral project elements:</p> <p>Element 1: Stormwater, Dry Weather Urban Runoff Treatment and Reuse<br/>                     Element 2: Stormwater and Municipal Wastewater Treatment and Potable Reuse<br/>                     Element 3: Stormwater Harvesting</p> <p>Together these elements work together to produce up to 1,680 acre-feet per year of advanced treated recycled water or roughly 10% of the City's water supply to reduce the City's reliance on imported water supplies. Other key benefits of the SWIP include:</p> <p>Diversifies the City's water supply portfolio with a drought resilient source<br/>                     Improve water quality in the Santa Monica Bay through the reduction of stormwater discharges<br/>                     Comply with State Municipal Separate Storm Sewer System (MS4) and Enhanced Watershed Management Plan (EWMP) stormwater nonpoint source pollution control measures for Santa Monica Bay.<br/>                     Recycle 1.0 million gallons per day (MGD) of municipal wastewater for permitted reuse, including future indirect potable reuse via aquifer recharge<br/>                     Treat up to 0.5 (MGD) of stormwater, dry weather urban runoff, and/or brackish-saline-impaired groundwater for permitted beneficial reuse<br/>                     Replenish the City's local groundwater supply with a sustainable, drought resilient source<br/>                     Contribute to achieving self-sufficiency goals identified in the 2018 Sustainable Water Master Plan</p> | 34.01012712    | -118.4898227   | 1/2/2024                        | 1/2/2024               | \$96,000,000.00    | \$3,030,000.00            | Not Applicable                                   | 0.16 ac                   | 88.00 ac              | 4.60 ac-ft                                    | 4.60 ac-ft                          | 37.97 ac-ft  |
| Temescal Canyon Park Stormwater Phase I and Phase II      | Not Applicable                      | Los Angeles              | Santa Monica Bay | Diversion to Sanitary Sewer   | Phase I of the project, located in CD 11, consists of the construction of a stormwater diversion structure, hydrodynamic separator, various pipelines (such as, dry-weather runoff return pipeline and overflow pipeline), underground detention tank, electrical enclosures (i.e., underground and aboveground electrical boxes, telephone ducts and a vault), locked hatches, an at-grade outlet, discharge pumps, new (replacement) playground equipment, a discharge force main, and rehabilitation of an existing force main. Phase II of the Temescal Canyon Park Stormwater BMP Project will construct an onsite stormwater treatment system at Temescal Canyon Park. The treated stormwater is designed to be used for landscape irrigation. This project will make use of the underground cistern constructed under Phase I of this project.   | 34.037982      | -118.533711    | Not Applicable                  | 8/30/2018              | \$18,646,000.00    | \$4,103,397.00            | City of LA Proposition O                         | 13.00 ac                  | 1,550.00 ac           | 3.84 ac-ft                                    | 3.84 ac-ft                          | 1,421.71 ac-ft                                       |
| Summary of New and Redevelopment Projects                 | Not Applicable                      | El Segundo               | Santa Monica Bay | New and Redevelopment         | This line item is intended to provide a summary of the City of El Segundo's new and redevelopment projects. The values shown here were developed by summing the respective values of 32 new and redevelopment projects in the area covered by this subwatershed and jurisdiction.   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable         | Not Applicable     | Not Applicable            | Not Applicable                                   | 60.95 ac                  | 60.95 ac              | Not Applicable                                | 1.90 ac-ft                          | 165.39 ac-ft   |
| Summary of New and Redevelopment Projects                 | Not Applicable                      | Los Angeles              | Santa Monica Bay | New and Redevelopment         | This line item is intended to provide a summary of the City of Los Angeles' new and redevelopment projects. The values shown here were developed by summing the respective values of 2146 new and redevelopment projects in the area covered by this subwatershed and jurisdiction.   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable         | Not Applicable     | Not Applicable            | Not Applicable                                   | 246.34 ac                 | 246.34 ac             | Not Applicable                                | 15.81 ac-ft                         | 165.60 ac-ft   |
| Summary of New and Redevelopment Projects                 | Not Applicable                      | Santa Monica             | Santa Monica Bay | New and Redevelopment         | This line item is intended to provide a summary of the City of Santa Monica's new and redevelopment projects. The values shown here were developed by summing the respective values of 3141 new and redevelopment projects in the area covered by this subwatershed and jurisdiction.   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable         | Not Applicable     | Not Applicable            | Not Applicable                                   | 108.21 ac                 | 1,023.66 ac           | Not Applicable                                | 11.19 ac-ft                         | 399.06 ac-ft   |
| Summary of New and Redevelopment Projects                 | Not Applicable                      | Unincorporated LA County | Santa Monica Bay | New and Redevelopment         | This line item is intended to provide a summary of Unincorporated LA County's new and redevelopment projects. The value shown here was developed by summing the respective value of 1 new and redevelopment project in the area covered by this subwatershed and jurisdiction.  | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable         | Not Applicable     | Not Applicable            | Not Applicable                                   | 0.11 ac                   | 0.12 ac               | Not Applicable                                | 0.01 ac-ft                          | 0.13 ac-ft   |

Note: Project information contained in this table was compiled based on information provided by the Permittee(s) involved in each project. The Permittee leading each project is identified as the first Permittee listed in the "Permittee(s)" column.





## Appendix B Section 1.3 – Watershed Control Measures Planned and In Progress

Order R4-2021-0105 NPDES Permit No. CAS004004 - Appendix H, Section 1.3 Watershed Control Measures Planned and In Progress requires the completion of Table 1b for watershed control measures planned and in progress completed from December 28, 2012 to the end of this reporting period. Section 1.3a provides a list of additional information to be provided for each watershed control measure planned and in progress. Appendix B of this Semi-Annual Report includes this information in 2 parts to address these requirements. The tables are titled as follows:

- Section 1.3 - Table 1b-part 1: Watershed Control Measures Planned and In Progress
- Section 1.3 - Table 1b-part 2: Additional Information

**Section 1.3 - Table 1b-part 1: 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         |
|---|--------------------------|------------------|-----------------------------------|--|----------------|----------------|---------------------------------|---------------------------|------------------------------|---------------------------------|-------------------------|---------------------------|-----------------------|---|----------------|
| Business Outreach Program                     | Los Angeles              | Not Applicable   | Outreach and Conservation Program | Development of outreach materials with business-related best management practices messaging for the Watershed Protection Program's business inspection program.  | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Other          |
| Community Events / Booth in a Box Program     | Los Angeles              | Not Applicable   | Outreach and Conservation Program | The Booth In A Box Program makes stormwater pollution prevention public education materials available to community members for distribution at community events/meetings. During this reporting period, program members participated at eight community events and made outreach materials available for distribution at 23 community events through the Booth in a Box Program.   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Drought Resiliency Water Conservation Program | Unincorporated LA County | Not Applicable   | Incentive Program                 | This program helps residents reduce outdoor water use and improve drought resilience through firescaping classes, discounted native plant kits, rain barrel distribution events, and free water use surveys. It also supports homeowners in converting traditional lawns into sustainable, climate-appropriate landscapes, with access to discounted designs, turf replacement rebates, expert plant guidance, and vetted local contractors.   | Not Applicable | Not Applicable | Not Applicable                  | 12/31/2027                | Not Applicable               | Not Applicable                  | Municipal General Fund  | Not Applicable            | Not Applicable        | Not Applicable                                | Other          |
| Enhanced, Weekly Street Sweeping              | El Segundo               | Not Applicable   | Enhanced Street Sweeping          | Weekly street sweeping   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | \$0.00                       | Not Applicable                  | Not Applicable          | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Imperial Highway Green Infrastructure Project | Los Angeles              | Santa Monica Bay | Infiltration Well                 | The Project is a multi-benefit stormwater improvement Project that will capture and treat stormwater runoff from a 19.7-acre drainage area in the Santa Monica Bay Watershed. The Project captures surface flows from 9.2-acres in the City of Los Angeles and 10.5 acres from the City of El Segundo. The Project area is located along Imperial Highway from California Street to Vista del Mar. The primary objective of the Project is to minimize pollutants including metals (zinc, copper, and lead), oils and grease, and trash, which are generated from urbanization and end up in local water bodies.   | 33.93144747    | -118.4250532   | Not Applicable                  | 08/31/2030                | \$13,083,828.00              | \$233,000.00                    | Safe, Clean Water       | 0.10 ac                   | 19.70 ac              | 19.70 ac-ft                                   | Funding        |
| Industrial & Commercial Facilities Program    | Santa Monica             | Not Applicable   | Source Investigation Efforts      | Management and inspections of facilities   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Not Applicable          | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Mass Media Advertising/Media Relations        | Los Angeles              | Not Applicable   | Outreach and Conservation Program | During this reporting period, the program implemented a Spring 2025 digital advertising campaign targeting the following pollutants of concern: bacteria (dog waste), litter, and pesticides. All of the advertising campaigns were bilingual (English/Spanish) and implemented on Facebook and Instagram. Here are the metrics for the campaign: (1) Bacteria (dog waste) - The program implemented an online advertising campaign in the Spring 2025 making 339,000 impressions and generating 2,245 requests for dog waste bag canisters. (2) Litter - The program implemented an advertising campaign in Spring 2025, making 605,000 impressions. (3) Pesticides - The program implemented an advertising campaign in Spring 2025, making 1,192,000 impressions. In total, the Spring 2025 advertising campaign generated a total of 2,136,000 impressions. Additionally, the program placed litter abatement public service announcement advertisements on 179 LA Sanitation refuse trucks (90 in English and 89 in Spanish) between August and December 2024.  | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Municipal Employee Training Program           | Los Angeles              | Not Applicable   | Outreach and Conservation Program | The program produced six employee training video modules that focus on specific job classifications, their related activities and best management practices to avoid the creation of polluted urban runoff (good housekeeping practices at home, at construction sites; reporting illicit connections and discharges; vehicle maintenance and fueling; storage of chemicals and materials; and, pesticides and fertilizers use and application) and placed the training modules on the City of LA's municipal employee training platform (Cornerstone). During this reporting period, 17,371 of 37,626 (46%) of City of LA employees had completed the training modules.   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Online Outreach Program                       | Los Angeles              | Not Applicable   | Outreach and Conservation Program | During this reporting period, the City of Los Angeles utilized various online platforms to distribute public information/educational messaging targeting pollutants of concern, engage with the public and raise public awareness of stormwater program benefits and needs. Methods used include the following: (1) the creation of content for web pages on LA Sanitation and Environment's website for the Watershed Protection Program (lacitysan.org/watershedprotection) and Safe Clean Water Program (lacitysan.org/safecleanwater), which have 79 and 28 web pages respectively and have experienced 81,678 and 4,017page views respectively; (2) the creation and distribution of an e-newsletter to 16,242 subscribers quarterly with an average open rate of 34.0%; every e-newsletter issue including an article about a Safe Clean Water Program Project; (3) the creation of content and administration of a Facebook page (13,419 followers; 160 posts that reached 8,527 people), an Instagram feed (1,457 followers; 160 posts that reached 15,476 people), a blog with 26 published articles and a YouTube channel, which houses 48 educational videos and has 219 subscribers; (4) the creation and distribution of targeted e-blasts to dog owners, gardeners and teachers. One e-blast with pollution prevention messaging targeting pesticides and fertilizers was sent to gardeners (4,141 subscribers with a 30% open rate) in spring 2025; two e-blasts to teachers with information on available educational materials sent in December 2024 (1,138 subscribers with a 22.3% open rate) and May 2025 (1,124 subscribers with a 30.9% open rate); three e-blasts to dog owners with educational messaging sent in August 2024 (8,600 subscribers with a 43.6% open rate), February 2025 (8,900 with an 35% open rate) and June 2025 (8,999 subscribers with a 36% open rate). These activities were performed by the jurisdiction. | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Pico-Kenter Outfall Trash Mitigation          | Santa Monica             | Santa Monica Bay | Other (specify)                   | This project various trash capture facilities at the Pico-Kenter Outfall (end of pipe solution) in order to reduce the amount of trash that is entering its way into the ocean during larger rain events from the Kenter Canyon sub-watershed. The project will include implementation of current and practical industry standards for trash capture, including the implementation of trash separators and outfall nets.   | 34.00731       | -118.4918      | Not Applicable                  | Not Applicable            | \$6,000,000.00               | \$0.00                          | Not Applicable          | 0.00 ac                   | 120.00 ac             | 0.00 ac-ft                                    | Pre-Planning   |
| Point of Purchase Program                     | Los Angeles              | Not Applicable   | Outreach and Conservation Program | During this reporting period, educational point of purchase educational materials were distributed to 198 automotive retail stores and automotive service centers and 190 certified used motor oil collection centers.   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Other          |
| Program Management                            | Santa Monica             | Not Applicable   | Outreach and Conservation Program | Management of website and public information   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Not Applicable          | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Public Education / Collateral Materials       | Los Angeles              | Not Applicable   | Outreach and Conservation Program | The program has various printed outreach materials available for distribution in 13 languages: Armenian, Simplified Chinese, English, Farsi, Hindi, Japanese, Khmer, Korean, Russian, Spanish, Tagalog, Thai, Vietnamese. These materials focus on residential best management practices. Various collateral items (dog waste bag canisters and refills, refrigerator magnets, seed packets, pens, pencils, stickers, children's activity book, tip cards, car trash bags, reusable canvas bags, t-shirts and book markers), are available and distributed to the general public to educate them about LA's regional stormwater system and encourage positive behavior change to reduce pollutants in LA's waterways.  | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Public Works Road Maintenance Street Sweeping | Unincorporated LA County | Not Applicable   | Enhanced Street Sweeping          | street sweeping services   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | \$11,416,582.00              | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |

**Section 1.3 - Table 1b-part 1: 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 [Acre-feet] | Status         |
|---|--------------------------|------------------|-----------------------------------|--|----------------|----------------|---------------------------------|---------------------------|------------------------------|---------------------------------|-------------------------|---------------------------|-----------------------|---|----------------|
| School Education Program                  | Los Angeles              | Not Applicable   | Outreach and Conservation Program | During this reporting period, the City provided educational programming related to watersheds and stormwater pollution prevention to LA-area students visiting the Environmental Learning Center (ELC) at Hyperion Water Reclamation Plant and the Discovery Cube Los Angeles on field trips. A total of 843 LA-area students visited the ELC. The total number of students visiting the Discovery Cube on field trips was 19,926 from 457 LA-area schools. A total of 220,000 visitors and LA-area students visited the Cabrillo Marine Aquarium, which includes educational exhibits and displays on the impacts of pollutants on watersheds and marine life. The City also made educational materials (activity books, stickers, posters, pens and pencils) available to teachers in the Los Angeles area. Two e-blasts were sent out to teachers informing them about the availability of educational materials for their classrooms. In November, an e-blast was sent to 1,163 teachers with a 35.6% open rate. In February, a second e-blast was sent to 1,157 teachers with a 37.7% open rate. The program distributed educational materials to six LA-area schools during this reporting period. | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Stormwater Diversion - Kenter Canyon      | Santa Monica             | Santa Monica Bay | Regional Treatment Facility       | The Memorial Park site is identified as a potential stormwater harvesting site in the Watershed Management Plan (WMP) for the Central Santa Monica Bay Jurisdictional Groups 2 & 3 Watershed. An underground storm water capture and reuse and/or infiltration system, envisioned to have a maximum capacity of approximately 3-million gallons, with storm drain diversion structures and pumping systems. These features would harvest stormwater and urban runoff through the existing storm drainage system from approximately 135 acres of drainage area along the Pico-Kenter sub-watershed within the City of Santa Monica city limits.   | 34.01012712    | -118.4898227   | Not Applicable                  | Not Applicable            | \$25,000,000.00              | \$300,000.00                    | Not Applicable          | 0.00 ac                   | 135.00 ac             | 10.00 ac-ft                                   | Pre-Planning   |
| Street Sweeping                           | Santa Monica             | Not Applicable   | Enhanced Street Sweeping          | Biweekly Street Sweeping   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Not Applicable          | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Urban Runoff Mitigation                   | Santa Monica             | Not Applicable   | Expanded LID Ordinance            | Stormwater Management and inspections of private BMP   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Not Applicable          | Not Applicable            | Not Applicable        | Not Applicable                                | Implementation |
| Water Audits                              | Unincorporated LA County | Not Applicable   | Incentive Program                 | Indoor & outdoor water review and leak check of fixtures, and irrigation system for all Districts  | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | \$124,500.00                 | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Other          |
| Water Conservation Outreach Program       | Unincorporated LA County | Not Applicable   | Outreach and Conservation Program | To implement a School Education Program (District 29 & 40) and a Social and other media Campaign for all Districts   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | \$272,400.00                 | Not Applicable                  | Other Municipal Program | Not Applicable            | Not Applicable        | Not Applicable                                | Other          |
| Water Saving Devices Program              | Unincorporated LA County | Not Applicable   | Incentive Program                 | A rebate for high-efficiency Water-Saving Devices for all Districts.   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | \$300,000.00                 | Not Applicable                  | Municipal General Fund  | Not Applicable            | Not Applicable        | Not Applicable                                | Other          |
| Summary of New and Redevelopment Projects | Santa Monica             | Santa Monica Bay | New and Redevelopment             | This line item is intended to provide a summary of the City of Santa Monica's new and redevelopment projects. The values shown here were developed by summing the respective values of 5 new and redevelopment projects in the area covered by this subwatershed and jurisdiction.   | Not Applicable | Not Applicable | Not Applicable                  | Not Applicable            | Not Applicable               | Not Applicable                  | Not Applicable          | 0.81 ac                   | 0.36 ac               | Not Applicable                                | Not Applicable |

Note: Project information contained in this table was compiled based on information provided by the Permittee(s) involved in each project. The Permittee leading each project is identified as the first Permittee listed in the "Permittee(s)" column.

**Section 1.3 - Table 1b-part 2: Additional Information**

| Project Name                                  | Permittee(s) Collaborated with | Non-Permittee(s) Collaborated with | Funding Sought [\$] | Funding Obtained [\$] | Technical Assistance Received | Provides Clean Streets Benefit (e.g., street sweeping, litter abatement, etc.) ? [Yes/No] | Provides More Parks and Green Spaces Benefit? [Yes/No] | Provides Reduced Heat Island Effect Benefit? [Yes/No] | Provides Reduced Flooding Benefit? [Yes/No] | Provides Water Supply Augmentation Benefit? [Yes/No] | Provides Neighborhood Beautification Benefit? [Yes/No] | Provides Job Creation Benefit? [Yes/No] | Provides Benefits Accruing to Disadvantaged Communities? (as identified on CalEnviroScreen) |
|---|--------------------------------|------------------------------------|---------------------|-----------------------|-------------------------------|---|--|---|---|--|--|---|---|
| Business Outreach Program                     | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Not Applicable                | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Community Events / Booth in a Box Program     | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Not Applicable                | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Drought Resiliency Water Conservation Program | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Other (non-Safe, Clean Water) | No  | No   | No  | No  | Yes  | Yes  | No                                      | No  |
| Enhanced, Weekly Street Sweeping              | Not Applicable                 | Not Applicable                     | \$0.00              | \$0.00                | Not Applicable                | Yes   | No   | No  | Yes   | No   | Yes  | Yes                                     | No  |
| Imperial Highway Green Infrastructure Project | Not Applicable                 | N/A                                | \$11,648,000.00     | \$11,648,000.00       | Safe, Clean Water             | Yes   | Yes  | Yes   | Yes   | Yes  | Yes  | Yes                                     | No  |
| Industrial & Commercial Facilities Program    | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Other (non-Safe, Clean Water) | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Mass Media Advertising/Media Relations        | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Not Applicable                | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Municipal Employee Training Program           | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Not Applicable                | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Online Outreach Program                       | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Not Applicable                | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Pico-Kenter Outfall Trash Mitigation          | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Other (non-Safe, Clean Water) | Yes   | Yes  | No  | Yes   | No   | No   | No                                      | No  |
| Point of Purchase Program                     | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Not Applicable                | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Program Management                            | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Other (non-Safe, Clean Water) | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Public Education / Collateral Materials       | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Not Applicable                | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Public Works Road Maintenance Street Sweeping | Not Applicable                 | Not Applicable                     | \$11,416,582.00     | \$11,416,582.00       | Other (non-Safe, Clean Water) | Yes   | No   | No  | Yes   | No   | Yes  | Yes                                     | No  |
| School Education Program                      | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Not Applicable                | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Stormwater Diversion - Kenter Canyon          | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Other (non-Safe, Clean Water) | Yes   | Yes  | No  | Yes   | Yes  | No   | No                                      | Yes   |
| Street Sweeping                               | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Other (non-Safe, Clean Water) | Yes   | No   | No  | No  | No   | No   | No                                      | No  |
| Urban Runoff Mitigation                       | Not Applicable                 | Not Applicable                     | Not Applicable      | Not Applicable        | Other (non-Safe, Clean Water) | No  | No   | No  | No  | No   | No   | No                                      | No  |
| Water Audits                                  | Not Applicable                 | Not Applicable                     | \$124,500.00        | \$124,500.00          | Other (non-Safe, Clean Water) | No  | No   | No  | No  | Yes  | No   | No                                      | Yes   |
| Water Conservation Outreach Program           | Not Applicable                 | Not Applicable                     | \$272,400.00        | \$272,400.00          | Other (non-Safe, Clean Water) | No  | No   | No  | No  | Yes  | No   | No                                      | Yes   |
| Water Saving Devices Program                  | Not Applicable                 | Not Applicable                     | \$300,000.00        | \$300,000.00          | Other (non-Safe, Clean Water) | No  | No   | No  | No  | Yes  | Yes  | No                                      | No  |

Note: Project information contained in this table was compiled based on information provided by the Permittee(s) involved in each project. The Permittee leading each project is identified as the first Permittee listed in the "Permittee(s)" column in Table 1b-part 1.



## Appendix C Section 1.4 – Water Body Pollutant Combination (WBPC) Compliance

Order R4-2021-0105 NPDES Permit No. CAS004004 - Appendix H, Section 1.4 Water Body Pollutant Combination (WBPC) Compliance requires the completion of Table 1c for all WBPCs identified in the Watershed Management Program. The table is titled as follows:

- Section 1.4 – Table 1c: Water Body Pollutant Combination (WBPC) Compliance

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<sup>[1]</sup>**

| 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 <sup>[2]</sup>   |
|----------------------------|-----------|--------------------------|-----------------------------------|------------------|--------------------------------|------------------------------|---|
| Category 1                 | Bacteria  | SMB Beaches              | Wet                               | Interim          | Jul 2023 - 50% Milestone       | Yes                          | Receiving Water Monitoring  |
| Category 1                 | Bacteria  | SMB Beaches              | Dry                               | Final            | Jul 2006/2009 - 100% Milestone | Yes                          | No direct or indirect discharge from MS4 to the applicable receiving water <sup>[3]</sup> |
| Category 1                 | Debris    | SMB Offshore / Nearshore | Wet                               | Final            | Mar 2020 - 100% Milestone      | Yes                          | [4]   |
| Category 1                 | DDTs      | Santa Monica Bay         | Dry/Wet                           | Final            | Sep 2021 - 100% Milestone      | N/A                          | [5]   |
| Category 1                 | PCBs      | Santa Monica Bay         | Dry/Wet                           | Final            | Sep 2021 - 100% Milestone      | N/A                          | [5]   |

[1] WBPCs identified in the Updated WMP submitted to the Los Angeles Regional Water Quality Control Board in April 2023 with deadlines that occurred during or prior to the end of the Reporting Period are presented within this table. Results for WBPCs with deadlines that have not yet passed will be presented in future submittals when deadlines for those WBPCs occur during the covered Reporting Period and the subsequent submittals after when deadlines for those WBPCs occur.

[2] 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.

[3] To comply with the final QBELs and RWLs for dry weather, Low Flow Diversions have been installed at nearly all point zero compliance monitoring stations to eliminate dry weather discharges from the MS4.

[4] For Trash/Debris WBPCs, compliance was determined as outlined in Part X.C of the MS4 Permit and reported in each individual Permittee's response to the Trash TMDL Reporting Form (Attachment I of the 2021 Permit) which is submitted in December of each year.

[5] Evaluation of this milestone requires consideration of data collected during the entire reporting year (July 1 to June 30). This milestone will be evaluated following the completion of the reporting year and the results of that evaluation will be reported in the WMP Progress Report Form submitted no later than December 15, 2026.



## Appendix D Section 1.5 – Additional Information

This progress report is available for download at [www.lastormh2o.org](http://www.lastormh2o.org).