



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 [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	\$5,401,566.00	City of LA Proposition O, Other Municipal Program	5.00 ac	2,320.00 ac	151.06 ac-ft	25.00 ac-ft	783.52 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	8/28/2018	\$16,000,000.00	\$180,000.00	State Water Board Clean Beaches Initiative Grant Program	0.50 ac	100.00 ac	5.00 ac-ft	5.00 ac-ft	192.84 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	5/17/2017	\$3,000,000.00	\$427,000.00	Not Applicable	0.01 ac	32.00 ac	Not Applicable	0.17 ac-ft	92.01 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	\$74,000.00	Not Applicable	0.01 ac	635.90 ac	Not Applicable	0.09 ac-ft	152.22 ac-ft
Ocean Park Boulevard Green Street	Not Applicable	Santa Monica	Santa Monica Bay	Green Street, Biofiltration	Diversion	34.003932	-118.481458	Not Applicable	4/30/2013	\$4,893,000.00	\$15,600.00	Not Applicable	0.25 ac	33.60 ac	0.00 ac-ft	2.34 ac-ft	253.11 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	\$65,620.00	CA State Proposition 84	1.00 ac	43.00 ac	22.00 ac-ft	0.10 ac-ft	185.21 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	\$4,696,823.00	CA State Proposition 84	70.00 ac	1,468.00 ac	8.44 ac-ft	8.44 ac-ft	1,065.27 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	6/24/2019	\$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	5/28/2019	\$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	2.95 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	2.14 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	2.19 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	7/13/2017	\$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	7/13/2017	\$0.00	\$0.00	Not Applicable	0.14 ac	0.57 ac	Not Applicable	0.08 ac-ft	2.69 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	7/13/2017	\$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	5/30/2017	\$0.00	\$0.00	Not Applicable	0.14 ac	0.48 ac	Not Applicable	0.05 ac-ft	2.31 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	3.13 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	4.90 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	0.003 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	3.63 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
Permeable Alley	Not Applicable	Santa Monica	Santa Monica Bay	Green Street, Bioretention	Permeable surface v-gutters in alley	34.0315	-118.4777	Not Applicable	7/14/2015	\$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	7/14/2015	\$0.00	\$0.00	Not Applicable	0.14 ac	1.36 ac	Not Applicable	0.03 ac-ft	6.82 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	7/14/2015	\$0.00	\$0.00	Not Applicable	0.14 ac	0.69 ac	Not Applicable	0.03 ac-ft	4.26 ac-ft

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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]
Permeable Alley	Not Applicable	Santa Monica	Santa Monica Bay	Green Street, Bioretention	Permeable surface v-gutters in alley	34.0361	-118.4766	Not Applicable	7/14/2015	\$0.00	\$0.00	Not Applicable	0.14 ac	0.81 ac	Not Applicable	0.02 ac-ft	4.83 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	7/14/2015	\$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	6/22/2015	\$0.00	\$0.00	Not Applicable	0.14 ac	0.56 ac	Not Applicable	0.03 ac-ft	3.61 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	12/31/2019	12/19/2019	\$0.00	\$0.00	Municipal General Fund	0.79 ac	53.00 ac	4.70 ac-ft	1.37 ac-ft	77.56 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	\$3,939,257.00	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 Element 2: Stormwater and Municipal Wastewater Treatment and Potable Reuse 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 Improve water quality in the Santa Monica Bay through the reduction of stormwater discharges 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. Recycle 1.0 million gallons per day (MGD) of municipal wastewater for permitted reuse, including future indirect potable reuse via aquifer recharge Treat up to 0.5 (MGD) of stormwater, dry weather urban runoff, and/or brackish-saline-impaired groundwater for permitted beneficial reuse Replenish the City's local groundwater supply with a sustainable, drought resilient source Contribute to achieving self-sufficiency goals identified in the 2018 Sustainable Water Master Plan</p>	34.01012712	-118.4898227	1/1/2024	1/1/2024	\$96,000,000.00	\$0.00	Not Applicable	0.16 ac	88.00 ac	4.60 ac-ft	4.60 ac-ft	37.43 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	\$3,544,017.00	City of LA Proposition O	13.00 ac	1,550.00 ac	3.84 ac-ft	3.84 ac-ft	1,414.64 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 30 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	59.77 ac	59.77 ac	Not Applicable	1.84 ac-ft	163.06 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's new and redevelopment projects. The values shown here were developed by summing the respective values of 2013 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	232.96 ac	232.96 ac	Not Applicable	14.99 ac-ft	158.89 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 3110 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	101.76 ac	1,021.35 ac	Not Applicable	11.05 ac-ft	395.72 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 values shown here were developed by summing the respective values of 1 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	0.11 ac	0.12 ac	Not Applicable	0.01 ac-ft	0.12 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.

Table 1.2a: Additional Information Regarding Watershed Control Measures Completed

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)
Argo Drain Sub-Basin Facility	Unincorporated LA County	CD 11	\$52,865,131.00	\$52,865,131.00	Other (non-Safe, Clean Water)	No	Yes	Yes	Yes	Yes	No	No	No
Clean Beaches Initiative	Not Applicable	Not Applicable	\$5,165,638.00	\$5,165,638.00	Other (non-Safe, Clean Water)	Yes	No	No	Yes	Yes	Yes	No	No
Drought Management Plan	Not Applicable	Not Applicable	\$201,100.00	\$201,100.00	Other (non-Safe, Clean Water)	No	No	No	No	Yes	No	No	Yes
Green Alley Master Plan (GAMP)	Not Applicable	Not Applicable	\$510,519.53	\$510,519.53	Other (non-Safe, Clean Water)	No	Yes	Yes	Yes	Yes	Yes	Yes	No
Green Street Standard Plans and Design Guidelines (GSSP&DG)	Not Applicable	Not Applicable	\$504,539.53	\$504,539.53	Other (non-Safe, Clean Water)	No	Yes	Yes	Yes	Yes	Yes	No	No
Green Streets Master Plan (GSMMP)	Not Applicable	Not Applicable	\$2,835,132.53	\$2,835,132.53	Other (non-Safe, Clean Water)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Los Amigos Park	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	Yes	Yes	Yes	Yes	No	No	No
MalibuSmart/TopangaSmart	Malibu	West Basin Municipal Water District	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	No	No	No	No	Yes	No	No	No
Marine Park	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	Yes	No	Yes	Yes	No	No	No
Ocean Park Boulevard Green Street	Not Applicable	Not Applicable	\$4,893,000.00	\$4,893,000.00	Other (non-Safe, Clean Water)	Yes	Yes	Yes	Yes	No	Yes	No	No
Old Oak Road Swales Green Street	Not Applicable	LACFCD, CNRA	\$410,000.00	\$410,000.00	Other (non-Safe, Clean Water)	No	Yes	Yes	Yes	Yes	Yes	Yes	No
Penmar Water Quality Improvement Phase I and Phase II	Not Applicable	SWRCB	\$24,711,226.00	\$24,711,226.00	Other (non-Safe, Clean Water)	No	Yes	Yes	Yes	Yes	Yes	Yes	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Permeable Alley	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	No	No	No
Sandhill Infiltration Basin	Not Applicable	N/A	\$0.00	\$0.00	Other (non-Safe, Clean Water)	Yes	No	Yes	Yes	No	No	No	No
Santa Monica Bay Low Flow Diversion Upgrades, Pkg. 3 Ph 2	Not Applicable	N/A	\$14,194,469.00	\$14,194,469.00	Other (non-Safe, Clean Water)	No	No	No	No	Yes	No	Yes	No
SWIP	Not Applicable	Not Applicable	\$96,000,000.00	\$96,000,000.00	Other (non-Safe, Clean Water)	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Temescal Canyon Park Stormwater Phase I and Phase II	Not Applicable	Los Angeles Department of Rec and Parks	\$18,646,000.00	\$18,646,000.00	Other (non-Safe, Clean Water)	No	Yes	Yes	No	No	No	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 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 [Acre-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 for distribution to community members for distribution at community events/meetings. During this reporting period, program staff staffed a table and participated at nine community events and made outreach materials available for distribution at 10 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
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	Green Street, Biofiltration	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	07/29/2028	\$11,648,000.00	\$233,000.00	Safe, Clean Water	0.1	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 series of digital advertising campaigns targeting the following pollutants of concern: bacteria (dog waste), litter, pesticides, paint and cigarette butts. All of the advertising campaigns were bilingual (English/Spanish) and implemented on Facebook and Instagram. Here are the metrics on each of the campaigns: (1) Bacteria (dog waste) - The program implemented two online advertising campaigns. In the Fall 2023, an advertising campaign reached 152,613 unique users and made 290,060 impressions. In the Spring 2024, an advertising campaign reached 166,980 unique users and made 410,057 total impressions; (2) Cigarette butts - The program implemented an advertising campaign in Spring 2024, reaching 133,704 unique users and making 432,012 impressions. (3) Litter - The program implemented an advertising campaign in Spring 2024, reaching 126,665 unique users and making 627,402 impressions. (4) Paint - The program implemented an advertising campaign in Spring 2024, reaching 197,734 unique users and making 512,708 impressions. (5) Pesticides - The program implemented an advertising campaign in Spring 2024, reaching 210,193 unique users and making 486,520 impressions.	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 has developed 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). The placement of the training modules on the City of LA’s municipal employee training platform (Cornerstone) and then the viewing of the modules by municipal employees is the next step in this activity.	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 154,363 and 4,844 page views respectively; (2) the creation and distribution of an e-newsletter to approximately 16,000 subscribers quarterly with an average open rate of 36.2% and 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 (13,568 followers; 170 posts that reached 20,182 people), an Instagram feed (1,437 followers; 170 posts that reached 28,141 people), a blog with 36 published articles and a YouTube channel, which houses 48 educational videos and has 212 subscribers; (4) the creation and distribution of targeted e-blasts to gardeners and teachers. One e-blast with pollution prevention messaging targeting pesticides and fertilizers was sent to gardeners (4,172 subscribers with a 33% open rate) in spring 2024 and two e-blasts to teachers with information on available educational materials sent in November 2023 (1,162 subscribers with a 35.6% open rate) and February 2024 (1,159 subscribers with a 37.7% 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	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 151 automotive retail stores; 155 certified used motor oil collection centers; 60 pet-related retail stores, veterinarians and groomers; 17 home improvement stores and garden centers. The program conducted intercept surveys (97 in English and 97 in Spanish) to measure the efficacy of paint and pesticides/fertilizers outreach materials (e.g. shelf talkers). Intercept survey results indicated that the educational materials were effective in increasing the percentage of residents who were familiar or very familiar with the correct usage of pesticides/fertilizers by 28% and in increasing the percentage of residents who were familiar or very familiar with the correct disposal of unwanted paint by 29%.	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

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
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	\$7,371,207.00	Not Applicable	Other Municipal Program	Not Applicable	Not Applicable	Not Applicable	Implementation
Resident Stormwater Behaviors and Attitudes Study	Los Angeles	Not Applicable	Other	<p>During this reporting period, the City of Los Angeles conducted a Resident Stormwater Behaviors and Attitudes Study to (1) Enhance the City’s understanding of public perceptions, beliefs, and attitudes regarding stormwater issues on a local level; (2) Understand the motivators and barriers that drive stormwater-related behaviors; and (3) Identify specific subgroups of the population - defined by stormwater-related psychographic traits (perceptions, beliefs, and attitudes) - that future outreach efforts should focus on. The research was conducted via online and in-person surveys from November 2023 through March 2024. Many aspects of the study (e.g. survey questions, sample size, and approach) were informed by the Los Angeles County Department of Public Works’ 1997 L.A. County Stormwater Segmentation Study. The online survey received a total of 958 responses (53 in Spanish) from City residents. In-person intercept survey efforts from January 13 through March 1, 2024 enhanced accessibility and reach. Intercept surveys were conducted at 9 locations with high foot traffic, yielding 66 additional responses (43 in Spanish). In general, City of Los Angeles residents are concerned about the environment (84%), interested in learning more about the actions they can take to support safe clean water (89%), and willing to change their behaviors (60%) to further reduce stormwater pollution. Since the 1997 county-wide study, current findings indicate an overall reduction in potentially polluting behaviors among residents (very few, if any, participate in such actions). yet some potentially harmful behaviors have become more prevalent, particularly those involving motor oil. This indicates a need to tailor outreach efforts to specific subgroups, or audiences, of the population whose behavior changes, which they’re already receptive to, could yield a significant reduction in local stormwater pollution and foster behavioral norms. When characterizing the population based on psychographic traits, 7 audience groups (or personae) emerge: Fix-it Foul-ups, Caring community members, Preoccupied Polluters, Super-polluters, Homebodies, Non-polluters, and Unwilling. Two of these groups are the most promising for public education and outreach based on their prevalence within the population, their willingness to change, and the anticipated benefits of effectively reaching them: 1. Fix-it Foul-ups. Likely-to-pollute individuals who are very willing to change and highly interested in learning more. Like all groups with higher pollution levels (weighted pollution impact of 20%), they tend to overestimate how much they know, yet are relatively unlikely to have received information about stormwater pollution prevention. 2. Pre-occupied Polluters. The weighted pollution impact of this group is 45%, reflecting both the size of the group and their relatively high propensity to pollute. Their willingness to change is moderate, though lower than Fix-it foul-ups or Caring community members. They are only slightly interested in learning more and tend to slightly overestimate their knowledge of this issue, posing unique messaging challenges. A third group stands out as a particularly powerful ally when persuading Fix-it Foul-ups, Pre-occupied Polluters, and other groups who may engage in the same activities: 3. Caring Community Members. Residents with low contributions to pollution (weighted pollution impact of 3%). yet very willing to change. When combined with Non-polluters, they constitute nearly half of all residents with environmentally conscious sentiments. Thus, they may play a key role in establishing norms around pro-environmental behaviors and attitudes in relation to specific activities that they share with those in other groups. However, they report a relatively low level of knowledge, so helping them see themselves as knowledgeable in these areas, such as car, home, and yard maintenance, may be necessary. The fourth and fifth groups, Super-Polluters and Homebodies may warrant further study. 4. Super-polluters. A small group that engages in potentially polluting behaviors at nearly twice the rate of the next highest polluting audience groups (on average) with a weighted pollution impact of 23% despite its size. While limited, data from these residents indicates they are more receptive to learning more on the topic than other groups. 5. Homebodies. Contributing very little to overall pollution (weighted pollution impact of 3%), Homebodies also have a moderate willingness to change but their interest in learning more is not high. However, some Homebody residents may be more receptive to new information and willing to consider changing specific behaviors. Thus, effective messaging to Homebodies should focus on specific pollution targets. The sixth and seventh audience groups are not thought to warrant targeted messaging. 6. Non-polluters. Residents who report engaging in none of the targeted polluting behaviors (31-33%) is significantly larger than in the 1997 L.A. County Segmentation Study (20%). With Caring Neighbors, this population has an important role in maintaining pro-environmental norms, but messaging resources would be better allocated to those whose behaviors are impacting the water than to Non-polluters.</p> <p>7. Unwilling. This small population (4-5% of total) indicates a very low willingness to change, but tends to pollute less than heavy polluting groups. Given their weighted pollution impact of around 6% and disinterest in learning more, messaging resources would be better allocated towards other groups. When considering how to orient Program messaging to each audience, all groups find the City of Los Angeles to be the most trustworthy source of stormwater information. Caring Community members, Fix-it Foul-ups, and Super-polluters are family-oriented, care about how their neighborhoods look, are health-conscious, and are concerned about their environment. They are eager to learn, and messages that speak to their desire to “do the right thing” are likely to resonate. Many of the same messages are likely to persuade all three audiences. Pre-occupied Polluters may respond best to messages that frame pro-environmental behaviors as compatible with their individual lives. They have other things on their mind and do not express the strong family and neighborhood orientations of the Caring Community members, Fix-it Foul Ups, and Super-polluters. They care most about their health, animals, the outdoors, and the environment, but demonstrate less enthusiasm than other groups.</p>	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Other	

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 304 LA-area students visited the ELC. The total number of students visiting the Discovery Cube on field trips was 55,876. The number of students educated through the Discovery Cube LA's classroom education programs was 7,100. LA Sanitation and Environment sponsored the 2024 Kids Ocean Day at Dockweiler Beach in May 2024 - an annual beach clean-up and aerial art event hosted by the non-profit Malibu Foundation for Environmental Education and which typically has approximately 4,000 participating elementary students. LA Sanitation and Environment's sponsorship of \$10,000 provided for school buses to transport LA-area students to Kids Ocean Day. 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 four 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	\$0.00	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	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	Other
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	06/05/2025	\$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 1 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	0.11 ac	0.05 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
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	Not Applicable	Not Applicable	\$7,371,207.00	\$7,371,207.00	Other (non-Safe, Clean Water)	Yes	No	No	Yes	No	Yes	Yes	No
Resident Stormwater Behaviors and Attitudes	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	No	No	No	No	No	No	No	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.