

Attachment 1. Draft Program Elements of Safe, Clean Water Program (May 25, 2028)

SAFE, CLEAN WATER PROGRAM

Draft Program Elements

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I. Introduction to the Safe, Clean Water Program

The Safe, Clean Water Program is a multi-benefit Stormwater and Urban Runoff capture program intended to increase water supply, improve water quality, and provide community investments. The Program helps put Los Angeles County on a path to water resiliency and economic security through equity-focused strategies and policies to increase drought preparedness, improve water quality and public health, grow good jobs, build capabilities, and remove barriers. It also encourages leveraging other funding sources to maximize the ability to provide multiple benefits and prioritizes nature-based solutions at both regional and neighborhood scales.

II. Definitions

The following definitions apply to this SCW Program Elements document:

Auditor: Auditor-Controller of the County of Los Angeles.

Benefit to DACs: Water Quality Benefits, Water Supply Benefits, and/or Community Investment Benefits experienced directly by a DAC population. Benefits may be achieved by Projects, and also by policies and programs that promote living-wage jobs; credit, incentive, and rebate programs; technical assistance and capacity building and programs. For purposes of evaluating whether the Project meets the goal providing benefit to DACs, benefits will be measured by a variety of means including wages paid to workers constructing or maintaining projects who reside in DACs; credit, incentive, rebates for properties located in DACs; funds expended for technical assistance and capacity building paid to individuals and organizations located in DACs; and the amount expended for construction, operations and maintenance of multi-benefit projects located in DACs.

Board of Supervisors: Los Angeles County Board of Supervisors acting as the governing body of the Los Angeles County Flood Control District.

Chief Engineer: Chief Engineer of the District or his/her authorized deputy, agent, or representative.

Community Investment Benefit: Benefit created in conjunction with Stormwater Capture and reduced Stormwater and Urban Runoff pollution Projects as stated in AB 1180, including but not limited to: improved flood management, conveyance, and flood risk mitigation; creation and enhancement of parks and wetlands, or restoration of habitat and wetlands; improved public access to waterways providing enhanced or new recreational opportunities; and greening of schools. May also include a benefit to the community derived from a Project to increase Stormwater Capture and reduce Stormwater and Urban Runoff pollution, including improved public health, reduction of urban heat island effect, carbon reduction/sequestration, improved air quality, green waste reduction/diversion, education or local workforce investment and job training.

County: County of Los Angeles.

Disadvantaged Community (DAC): A community with an annual median household income that is less than 80 percent of the Statewide annual median household income (as defined in California Water Code §79505.5).

District: Los Angeles County Flood Control District.

District Program: Part of the SCW Program as described in Section 2, subsection 8b(A) of the Flood Control Act.

Feasibility Study: A detailed technical investigation and report that is conducted to determine the feasibility of a proposed Project. At a minimum, a Feasibility Study must provide, but not be limited to: a description of the Project and its objectives; an estimate of the benefits provided (determined through best engineering estimates and modeling as appropriate); a preliminary lifecycle cost estimate and schedule required to design, construct, operate and maintain the Project (including land acquisition costs); a historical background for the Project site location; a review of effectiveness of similar types of Projects already constructed; an engineering analysis of site conditions (eg. soil sampling, preliminary hydrology report, site layout, utility search, environmental impacts, etc); an assessment of potential CEQA and permitting challenges; details for how operations and maintenance will be carried out; a plan to address and incorporate stakeholder input on the Project; and a summary of any legal requirements or obligations that may arise as a result of constructing the Project. The District will provide guidance on the minimum requirements, as well as a template for Feasibility Studies.

Flood Control Act: Los Angeles County Flood Control Act, as amended by Assembly Bill (AB) 1180 (Holden, 2017).

Infrastructure Program Project: A Project carried out through the Regional Program's Infrastructure Program. Infrastructure Program Projects must be Multi-Benefit Projects.

Impermeable Area: Areas covered by surfaces such as pavement, concrete, rooftops, or others which prevent the infiltration of Stormwater and Urban Runoff into the ground.

Multi-Benefit Project: A Project that has a Water Quality Benefit as well as either or both a Water Supply Benefit and Community Investment Benefit.

Municipal Program: Part of the SCW Program as described in Section 2, subsection 8b(B) of the Flood Control Act.

Municipal Program Project: A Project carried out through the Municipal Program that has a Water Quality Benefit. A Municipal Program Project may also be a Multi-Benefit Project.

Municipality: A city or a County unincorporated area within the District.

Nature-Based Solutions: Projects that manage stormwater to provide a Water Quality Benefit, Water Supply Benefit, and/or Community Investment Benefit by doing any of the following: rely predominantly on soils and vegetation to restore the natural ecosystem processes required to slow, detain, and absorb water; infiltrate water to aquifers; filter pollutants out of water and air; which may include utilizing strategically undeveloped mountains and floodplains, wetlands, rain gardens and grading, compost, mulch, soil building, tree and vegetation planting, and parkway basins; and may also sequester carbon; support biodiversity; provide shade; and aesthetically enrich environments.

Parcel: A parcel of real property situated within the established boundaries of the District, as shown on the latest equalized assessment roll of the County and identified by its Assessor's Parcel Number.

Project: An infrastructure Project, or non-infrastructure activity or program, or other eligible expenditure funded by SCW Program revenue, that results in a Water Supply Benefit, Water Quality Benefit, or Community Investment Benefit.

Project Applicant: Any entity, which could include but not be limited to an individual, group, business entity, special district, school, Municipality, NGO, non-profit organization, CBO, public utility, federally recognized Indian tribes, state Indian tribes listed on Native American Heritage Watershed Area Steering Committee's California Tribal Consultation List, mutual water company, or others that submits a Project for consideration. .

Project Developer: The entity that carries out or causes to be carried out part or all the actions necessary to complete a Project for the Regional Program. The Project Applicant may or may not be the Project Developer.

Regional Oversight Committee (ROC): A body empaneled by the Board of Supervisors whose responsibilities are to review the Watershed Area Steering Committees' Stormwater Investment Plans for the Regional Program.

Regional Program: Part of the SCW Program as described in Section 2, subsection 8b(C) of the Flood Control Act. The Regional Program includes subprograms: Infrastructure Program, Technical Resource Program, and Scientific Studies Program.

Safe, Clean Water (SCW) Program: Program or system established to administer revenues from a tax levied pursuant AB 1180, including criteria and procedures for selecting and implementing Projects and allocating revenues among the Municipal, Regional and District Programs.

Stakeholder: A person, citizens' group, homeowner or other property-owner, business, NGO, environmental group, labor union, academic institution, neighborhood council, town council or other similar community group, water resources agency such as groundwater pumper or manager, private or public water agency, other government agency, or other interested party that has a direct or indirect stake in the SCW Program.

Stormwater: Water that originates from atmospheric moisture (rainfall or snowmelt) and falls onto land, water, and/or other surfaces.

Stormwater Capture: The capture of temporary surface water runoff and drainage generated by immediately preceding storms.

Stormwater Investment Plan: A five (5) year plan developed by Watershed Area Steering Committees that programs funding for Projects in the Regional Program's Technical Resources Program, Infrastructure Program, and Scientific Studies Program.

Surface Water: Water that flows or collects on the surface of the ground.

Threshold Score: A minimum score that Projects must meet or exceed in order to be eligible for Infrastructure Program funding. The initial recommendations for the Threshold Score is sixty (60) points, but may be modified by the ROC and approved by the Board of Supervisors.

Urban Runoff: Surface water flow that may contain but is not entirely comprised of Stormwater, such as water flow from residential, commercial, and industrial activities.

Water Quality Benefit: An increase in Stormwater Capture and reduction in Stormwater and/or Urban Runoff pollution. An improvement in the chemical, physical, and biological characteristics of Stormwater. Activities resulting in this benefit include but are not limited to: infiltration or treatment of Stormwater runoff, non-point source pollution control, and diversion of Stormwater to sanitary sewer system.

Watershed Area: Regional boundary formed considering hydrologic conditions, as well as Enhanced Water Management Plan (E/WMP) group boundaries. Each Watershed Area has its own Watershed Area Steering Committee.

Watershed Area Steering Committees: The nine (9) bodies empaneled by the Board of Supervisors, one for each Watershed Area, whose responsibilities are to program funding for the Regional Program.

Water Supply Benefit: Increase in the amount of locally available water supply, provided there is a nexus to Stormwater Capture. Activities resulting in this benefit include but are not limited to the following: reuse and conservation practices, water recycling, increased groundwater replenishment, storage or available yield, offset of potable water use. Water Supply Benefit created through the SCW Program is subject to applicable adjudicated judgments of water rights.

III. General SCW Program Requirements

A. Overview

This Program Elements document sets forth the procedures for implementing the SCW Program.

B. Authority and Allocation of Revenues

The Board of Supervisors shall annually levy a tax upon the taxable real property within the District. The revenues from the tax will be allocated and used, in accordance with the provisions of Section 2, subsection 8b of the Flood Control Act as follows:

- **District Program:** *“(A) Ten percent shall be allocated to the district for implementation and administration of projects and programs described in subsection 8a, and for payment of the costs incurred in connection with the levy and collection of the tax, fee, or charge and the distribution of the funds generated by imposition of the tax, fee, or charge, in accordance with the procedures established by the ordinance adopted pursuant to subsection 8c.”*
- **Municipal Program:** *“(B) Forty percent shall be allocated to cities within the boundaries of the district and to the County of Los Angeles, in the same proportion as the amount of revenues collected within each jurisdiction and within the unincorporated territories, to be expended by those cities within the cities’ respective jurisdictions and by the County of Los Angeles within the unincorporated territories that are within the boundaries of the district, for the implementation, operation and maintenance, and administration of projects and programs described in subsection 8a, in accordance with the procedures established by the ordinance adopted pursuant to subsection 8c.”*
- **Regional Program:** *“(C) Fifty percent shall be allocated to pay for the implementation, operation and maintenance, and administration of watershed-based projects and programs described in subsection 8a, including projects and programs identified in regional plans such as stormwater resource plans developed in accordance with Part 2.3 (commencing with Section 10560) of Division 6 of the Water Code, watershed management programs developed pursuant to waste discharge requirements for municipal separate storm sewer system (MS4) discharges within the coastal watersheds of the County of Los Angeles, issued by the Los Angeles Regional Water Quality Control Board, and other regional water management plans, as appropriate, in accordance with the procedures established by the ordinance adopted pursuant to subsection 8c.”*

Requirements for use of funds within the District, Municipal, and Regional Programs are discussed in their respective sections of this document.

C. Agreements for Transfer of SCW Program Funds

SCW Program funds will be transferred to Municipalities and Project Developers in advance of eligible expenditures taking place. Prior to their receipt of SCW Program funds, Municipalities and Project Developers must enter into an agreement with the District to transfer SCW Program funds. The funds transfer agreement will require recipients of funds to comply with the requirements of the SCW Program and other appropriate provisions established by the Board of Supervisors. A standard agreement will be prepared by the Chief Engineer and approved by the Board of Supervisors, including but not limited to:

- a. Requirements for compliance with the terms of the SCW Program.
- b. Provisions, as necessary, to provide clarity and accountability in the use of SCW Program funds.
- c. Provisions, processes, and schedules for disbursement of funds.
- d. Project parameters such as schedule, budget, scope, and benefits.
- e. Provisions for management of interest funds, debt, liability, and obligations.
- f. Provisions for indemnification of the District.
- g. Requirements for auditing and Annual or Quarterly Progress/Expenditure Reports.
- h. With respect to capital projects funded with SCW funds that have a budget of over \$2.5 million (or such other monetary threshold as may be later specified by the County of Los Angeles (County)), provisions encouraging Municipalities and Project Developers to use their best efforts to adhere to, and to cause contractors working on such projects to adhere to, terms and conditions that are consistent with those set forth in a future county-wide Project Labor Agreement (PLA) for County projects, if such a PLA is ultimately successfully negotiated between the County and the Los Angeles/Orange Counties Building and Construction Trades Council (Trades) and is approved by the Board of Supervisors.
- i. With respect to capital projects funded with SCW funds, irrespective of whether a county-wide PLA, as referenced above, is approved, provisions encouraging Municipalities and Project Developers to use their best efforts: (1) to provide that contractors working on such projects adhere to terms and conditions that are consistent with the County's Local and Targeted Workforce Hire Policy, and (2) to adopt and apply additional policies and requirements, applicable to such projects, that include:
 - Maximizing the use of employees of the Municipality to perform work on capital projects implemented by Municipalities.
 - Identification of Skilled Labor and Employment in LA County.
 - Encouragement of Small Local Business.
 - Local/Targeted Hire and Workforce Development.
 - Safety and Protection of Persons and Property.
- j. Requirements for post-construction/implementation monitoring.

D. Eligible Expenditures

Expenditures eligible for SCW Program funds include, but are not limited to, the following:

- a. The development of Feasibility Studies to enable interested parties to submit Projects for SCW Program funds.
- b. Infrastructure development tasks including design, preparation of environmental documents, obtaining permits, construction, operations & maintenance (O&M), inspection, and similar activities.
- c. Operation and maintenance of Projects.
- d. Real property acquisition, leases, and easements necessary to implement eligible Projects.
- e. Scientific and technical studies such as Stormwater modeling and monitoring.
- f. Projects or studies to investigate new technologies or methodologies to increase Stormwater Capture and reduce Stormwater and Urban Runoff pollution for improving water quality, increasing local water supplies, or improving the ability of communities to adapt to the impacts of climate change.
- g. The modification, upgrade, retrofit, or expansion of an existing Project to incorporate new elements to increase Stormwater Capture and reduce Stormwater and Urban Runoff pollution to provide additional Water Quality Benefit, Water Supply Benefit, and/or Community Investment Benefit.
- h. Debt financing should the District or a Municipality determine that bonds are prudent and necessary to implement Projects. Watershed Area Steering Committees may request the District to issue a bond for their Watershed Area's revenue stream for Regional Projects.
- i. Stormwater programs such as but not limited to school education and curriculum, public education, watershed coordinators, technical assistance teams, regional water quality planning and coordination, local workforce job training, and others.
- j. Credit, rebate and incentive programs aligned with the core principles and outcomes of the SCW Program.
- k. Maintenance of Effort: Use of up to 30% annually of a Municipality's Municipal Program funds to pay for SCW Program eligible activities commenced before the election date of the SCW Program Tax (See Section VI.B.). Operations and maintenance activities for Projects built to comply with the 2012 MS4 Permit are not subject to the 30% limitation so long as they comply with Municipal Program requirements.
- l. Stormwater residential and/or commercial retrofit programs.

E. Ineligible Expenditures

Ineligible expenditures for SCW Program funds include, but are not limited to, the following:

- a. Payment of fines imposed by any State, Federal, or local regulatory agency.

- b. Expenditures related to the investigation, defense, litigation, or judgment associated with any regulatory permit violations, notices of violation, or noncompliance regulations brought forth by any State, Federal, local regulatory agency, or a third party unrelated to eligible Projects.
- c. Expenditures for the investigation or litigation of any claim or action against the District, County, or their officers, employees or agents alleging improper allocation, withholding or reassignment of SCW Program revenues.
- d. Costs associated with any litigation including investigation, defense, litigation, settlement, and payment of any judgements for claims and liability related to the design and implementation of eligible Projects.

IV. Regional Program

A. Regional Program Fund Allocation

Fifty (50) percent of the revenue from the tax is allocated for the Regional Program pursuant to the Flood Control Act section 2, subsection 8b(C). The Regional Program will consist of three programs:

- Infrastructure Program (not less than 85% of Regional Program funds)
- Technical Resources Program (up to 10% of the Regional Program funds)
- Scientific Studies Program (up to 5% of Regional Program funds)

Infrastructure Program

The intent of the Infrastructure Program is to implement Multi-Benefit watershed-based Projects that have a Water Quality Benefit as well as either or both a Water Supply Benefit and Community Investment Benefit.

Infrastructure Program funds:

- Shall be spent on post-Feasibility Study activities such as: design, permits, CEQA, right-of-way and land acquisition, construction, operations and maintenance, associated staffing costs, and other related eligible activities. Development of Feasibility Studies is funded through the Technical Resources Program.
- Shall be programmed by the nine (9) Watershed Area Steering Committees proportional to the funds generated in each Watershed Area.
- Shall be programmed such that each Municipality receives benefits in proportion to the funds generated within their jurisdiction, to be evaluated over a ten (10) year period.
- Shall be programmed such that a spectrum of Project types and sizes are implemented throughout the region, to be evaluated over a five (5) year period.
- Shall be allocated such that funding for Projects that provide a Benefit to DACs be not less than 110% of the ratio of the DAC population to the total population in each Watershed Area.

Table 1. Disadvantaged Population by Watershed

Watershed Area	Pop	DAC Pop	%DAC
Central Santa Monica Bay	1,757,708	885,846	50%
Lower Los Angeles River	895,933	607,650	68%
Lower San Gabriel River	903,045	177,905	20%
North Santa Monica Bay	71,764	0	0%
Rio Hondo	744,634	259,860	35%
Santa Clara River	286,114	23,753	8%
South Santa Monica Bay	1,003,438	342,049	34%
Upper Los Angeles River	2,969,577	1,496,863	50%
Upper San Gabriel River	1,015,552	218,467	22%
Total	9,647,765	4,012,392	42%

The following parameters shall apply to the Infrastructure Program:

- Projects may receive funding for any post-Feasibility Study phase. Projected and actual operations and maintenance costs for Projects are to be considered and included in the Infrastructure Program to ensure that Projects are properly maintained.
- Project Developers are responsible to carry out the actions necessary to complete a Project that is selected for funding.
- Project Applicants must demonstrate technical, financial, and other necessary capabilities to be the Project Developer. If the Project Applicant is unable to be the Project Developer for any aspect of a Project, the District may take on that role for the Project.
- Applicants are encouraged to bundle small and medium scale, community level Projects to promote efficiency, achieve economies of scale and advance local hire and job training goals.
- Project Developers may utilize a construction authority to implement Projects.
- Projects must be designed for a minimum useful life of thirty (30) years.
- Projects must be included in an approved water quality plan such as E/WMPs and their updates, Integrated Regional Water Management Plans, or other plans as approved by the District. Projects can be part of a programmatic EIR, but it is not a requirement. All Projects will be scored by the Scoring Committee.

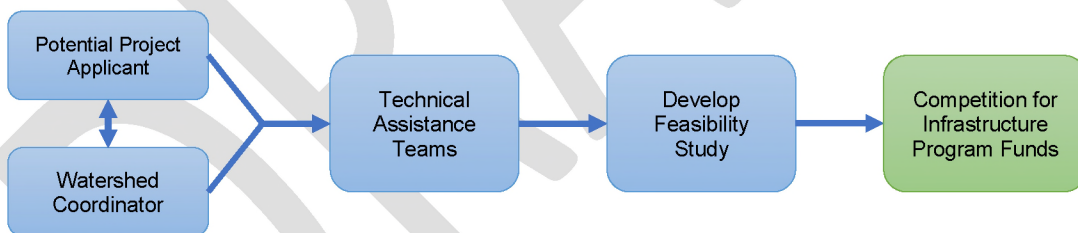
Technical Resources Program

The intent of the Technical Resources Program is to provide resources for the development of Feasibility Studies through support from Technical Assistance Teams; and provide Watershed Coordinators to educate and build capacity in communities and facilitate community and stakeholder engagement.

Technical Assistance Teams

- The District will provide Technical Assistance Teams comprised of subject matter experts in Stormwater infrastructure design, hydrology, soils, Nature Based Solutions, green infrastructure, Stormwater quality, water supply, recreation, open space, community needs, and other areas. The Technical Assistance Teams will complete Feasibility Studies in partnership with and on behalf of Municipalities, CBOs, NGOs, and others who may not have the technical resources or capabilities to develop Feasibility Studies.
- The Technical Resources Program funds the development of Feasibility Studies. Technical Assistance Teams will assist identifying a sponsor for non-Municipal Project Applicants, adding the potential Project to an eligible water quality plan; and addressing other prerequisites to apply to the Infrastructure Program. Upon completion of a Feasibility Study, Projects receiving Technical Resources Program funds apply to the Infrastructure Program and compete for funding for post-Feasibility Study Project phases of design, permits, CEQA, right-of-way and land acquisition, construction, operations and maintenance.
- The Technical Assistance Teams will be funded through the Technical Resource Program funds.

Figure 1. Technical Assistance Process



Watershed Coordinators

- In addition to working with Technical Assistance Teams to bring resources to potential Project Applicants, Watershed Coordinators will also:
 - Integrate community, Municipality, and regional priorities through partnerships and extensive networks.
 - Facilitate collaborative decision-making between private and public entities to develop and implement actions that best address community issues.
 - Educate local stakeholders through public outreach events such as workshops, demonstrations, community forums and restoration activities.
- Not less than one Watershed Coordinator will be funded from Technical Resource Program funds for each Watershed Area plus one additional Watershed Coordinator for each one-million of population.

Table 2. Watershed Coordinator Breakdown

Watershed Area	Total Population	Watershed Coordinators
Central Santa Monica Bay	1,757,708	2
Lower Los Angeles River	895,933	1
Lower San Gabriel River	903,045	1
North Santa Monica Bay	71,764	1
Rio Hondo	744,634	1
Santa Clara River	286,114	1
South Santa Monica Bay	1,003,438	1
Upper Los Angeles River	2,969,577	3
Upper San Gabriel River	1,015,552	1

- Watershed Area Steering Committees will determine how to appropriate funds for the Technical Resources Program funds.
- The District will administer the Technical Assistance Teams and Watershed Coordinators.

Scientific Studies Program

The intent of the Scientific Studies Program is to provide funding for eligible scientific and other activities, such as but not limited to: scientific studies, technical studies, monitoring, modeling, and other similar activities. Watershed Area Steering Committees will determine how to appropriate funds for the Scientific Studies Program. The District will administer the Scientific Studies Program.

B. Stormwater Investment Plans

Regional Program funds shall be programmed by each Watershed Area Steering Committee via Stormwater Investment Plans. Stormwater Investment Plans shall be formatted similar to the table below. The table reflects the first budget submittal for the Regional Programs starting in fiscal year 2020-21. Each subsequent annual submittal of the Stormwater Investment Plan shall reflect funds programmed for the next five (5) years.

Table 3. Stormwater Investment Plan Budget Template

	FY 2020-2021	FY 2021-2022	FY 2022-2023	FY 2023-2024	FY 2024-2025
	Budget	Projection	Projection	Projection	Projection
PROJECT – FEASIBILITY STUDY DEVELOPMENT					
TECHNICAL RESOURCES PROGRAM (up to 10%)					
Feasibility Studies/Concepts					
Watershed Coordinators					
Technical Assistance Team/Feasibility Study					
Technical Assistance Team/Feasibility Study					
PROJECT – POST-FEASIBILITY STUDY					
INFRASTRUCTURE PROGRAM (not less than 85%)					
Design/Permits/CEQA Budget					
Project					
Project					
Project					
Right of Way Acquisition Budget					
Project					
Project					
Project					
Construction					
Project					
Project					
Project					
O&M					
Project					
Project					
Project					
NON-PROJECT ACTIVITIES					
SCIENTIFIC STUDIES PROGRAM (Up to 5%)					
Special Studies					
Project					
Project					
Monitoring					
Project					
TOTAL =					

Funding Allocations for Projects

Watershed Area Steering Committees will assign funding to Projects in the Technical Resources Program, Infrastructure Program, and Scientific Studies Program. Projects will be given conditional funding approval for their entire Project budget, including operations and maintenance. Funding will be transferred to Project Developers in annual increments subject to the Project meeting the schedule, budget, scope and benefit terms outlined in the transfer agreement.

Annually, the suite of Projects included in the Stormwater Investment Plans shall be evaluated by the corresponding Watershed Area Steering Committees using the information provided in the Quarterly Expenditure/Progress Report (See Section X.C). Watershed Area Steering Committees will verify the Project schedule, budget, scope and benefits have not significantly changed and are consistent with the transfer agreement. Projects that run over budget, are behind schedule, or reduce scope or benefits may be subject to loss of funding.

C. Regional Program Quarterly Progress/Expenditure Reports

Each Project Developer shall arrange for a Quarterly Progress/Expenditure Report for all Projects. The Quarterly report shall include details that summarize the expenditures and quantify the benefits of Water Quality, Water Supply, and Community Investment realized through use of SCW Program funds. The Project Developer shall be subject to and comply with all applicable requirements of the District regarding Project-reporting requirements. The Quarterly Progress/Expenditure Report details:

- Percent complete estimate.
- SCW Program funds expended.
- Documentation that the SCW Program funds were used for eligible expenditures.
- Discussion of work accomplished during the reporting period.
- Milestones or deliverables completed/submitted during the reporting period.
- Scheduling concerns and issues encountered that may delay completion of the task.
- Work anticipated for the next reporting period.
- Photo documentation, as appropriate.
- Any anticipated schedule or budget modifications.
- Additional information as necessary.

D. Regional Program Governance Structure and Selection Process

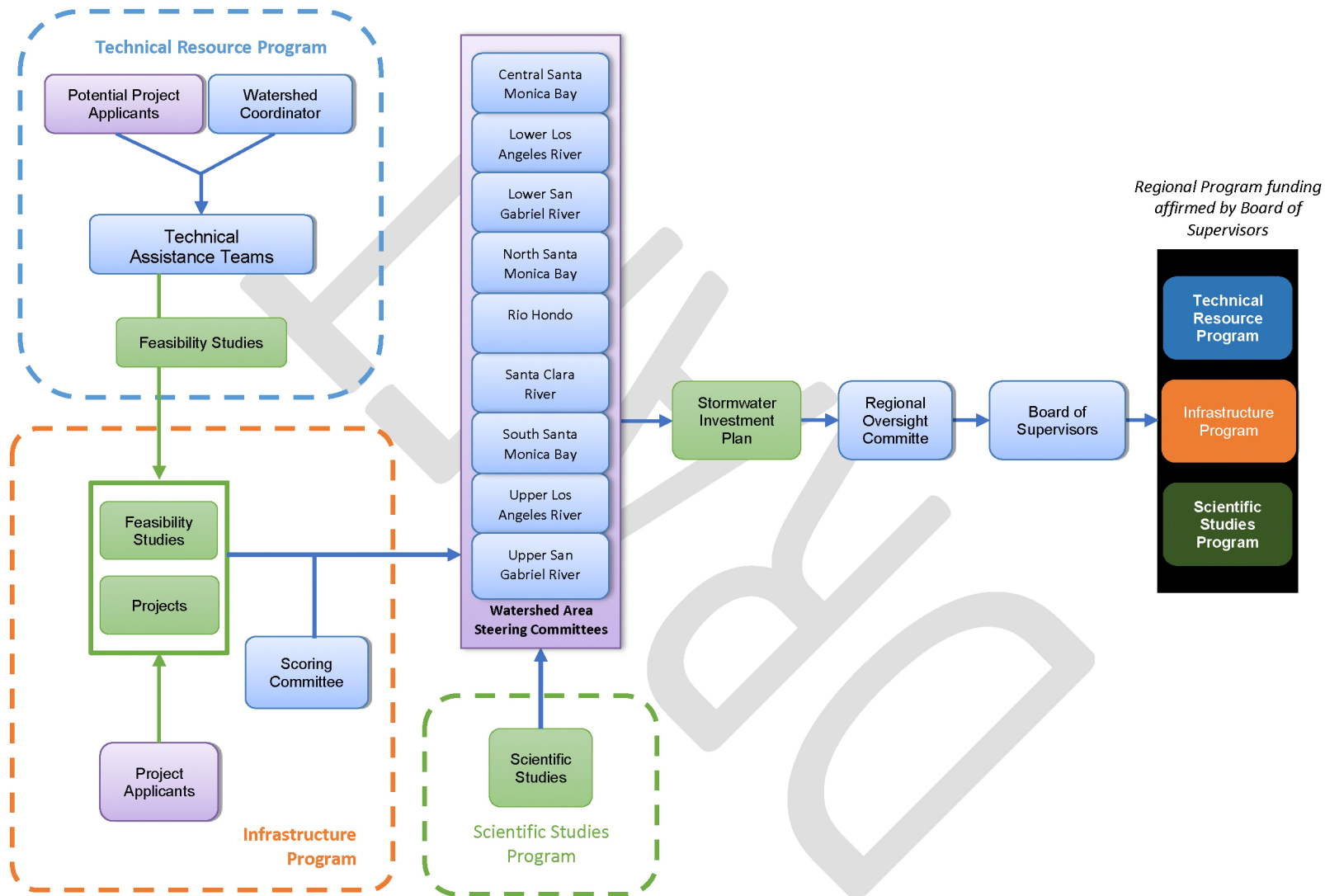
A procedure is established for the funding for the Infrastructure, Technical Resources, and Scientific Studies Programs.

Annually, these steps will occur:

- Step 1:
 - Board of Supervisors, via the District, prepares a five (5) year revenue forecast for each Watershed Area.
- Step 2
 - District, on behalf of the Watershed Area Steering Committees, initiates a request for Projects to be funded through the Infrastructure, Technical Resources, and Scientific Studies Programs.
 - Watershed Area Steering Committees forward all Infrastructure Program Projects and Feasibility Studies received to the Scoring Committee. Scoring Committee scores these Projects and Feasibility Studies and applies a Threshold Score.

- Scoring Committee returns all scored Projects and Feasibility Studies to the Watershed Area Steering Committee.
- Step 3
 - Watershed Area Steering Committee reviews Projects and Feasibility Studies and prepares a Stormwater Investment Plan which programs funds for the Infrastructure, Technical Resources, and Scientific Studies Programs.
- Step 4
 - Watershed Area Steering Committee submits the Stormwater Investment Plan to the Regional Oversight Committee (ROC). For details on the membership of the ROC see section V.K.
 - The ROC reviews the Stormwater Investment Plans and makes a recommendation to the Board of Supervisors.
- Step 5
 - Board of Supervisors considers approval of the Stormwater Investment Plans. Board of Supervisors may return Stormwater Investment Plans to the Watershed Area Steering Committees for further revision.
- Step 6
 - Project Developers enter into an agreement with the District to transfer annual funding allocations.

Figure 2. Regional Program Governance Structure and Selection Process Flowchart



E. Regional Program: Initial Year Events

Should voters approve the SCW Program tax in November 2018, the following schedule of events will occur:

- Winter 2018
 - Formation of Watershed Area Steering Committees, the Regional Oversight Committee, and Scoring Committee.
 - Establishment of Technical Assistance Teams and Watershed Coordinators.
 - Initiation of District administered Stormwater education programs.
- Spring 2019
 - Initiate a request for Projects to be funded through the Infrastructure, Technical Resources, and Scientific Studies Programs.
 - Projects forwarded to the Scoring Committee.
 - Scoring Committee scores and forwards results to the Watershed Area Steering Committees.
 - Watershed Area Steering Committees prepare Stormwater Investment Plans including budgets for Projects in the Infrastructure, Technical Resources, and Scientific Studies Programs.
- Summer 2019
 - Regional Oversight Committee reviews Stormwater Investment Plans and provides a recommendation to the Board of Supervisors.
- Fall/Winter 2019
 - Board of Supervisors considers approval of the Stormwater Investment Plans.
 - District executes agreements for transfer of funds to begin implementation of Projects.
- Beginning of 2020
 - First installment of the tax will be available.
 - District transfers funds to Project Developers.

F. Eligible Project Applicants

An eligible Project Applicant can be any entity, which could include but not be limited to an individual, group, business entity, special district, school, Municipality, NGO, non-profit organization, CBO, public utility, federally recognized Indian tribes, state Indian tribes listed on Native American Heritage Watershed Area Steering Committee's California Tribal Consultation List, mutual water company, or others that submits a Project for consideration. Non-Municipal Project Applicants are required to secure a Municipal sponsor/partner to receive funding through the Infrastructure Program. Parties will be required to execute a memorandum of understanding to document roles and responsibilities.

G. Boundaries of the Watershed Areas

The Chief Engineer will maintain on file detailed maps establishing the precise boundaries of the Watershed Areas. The boundaries of the Watershed Areas are based on hydrologic conditions and modified to keep E/WMP groups whole, wherever practical. The Watershed Area boundaries may be updated as necessary.

There are nine (9) Watershed Areas within the District, as shown in Figure 3 and Figure 4.

Figure 3. Regional Watershed Area Boundaries with City Boundaries

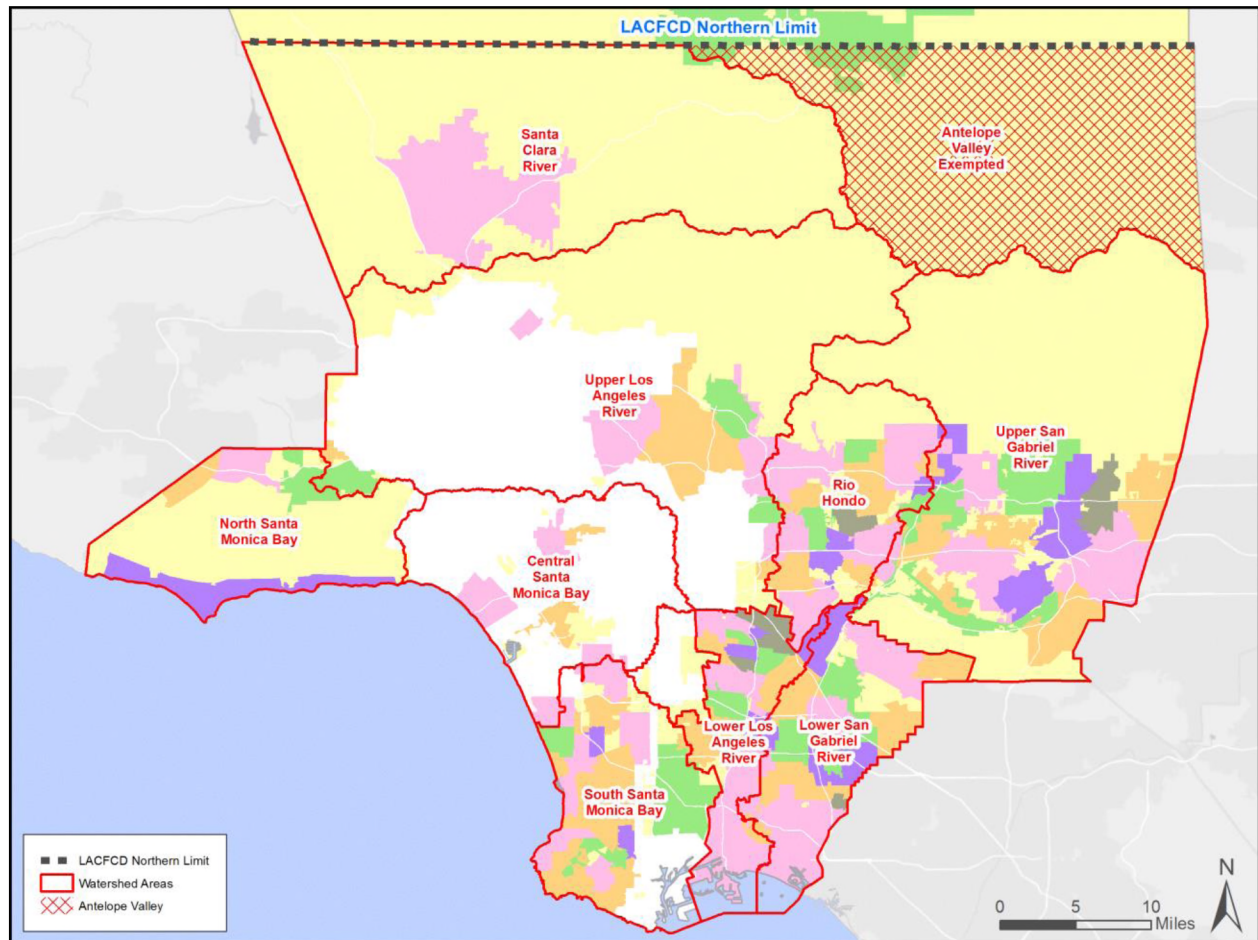
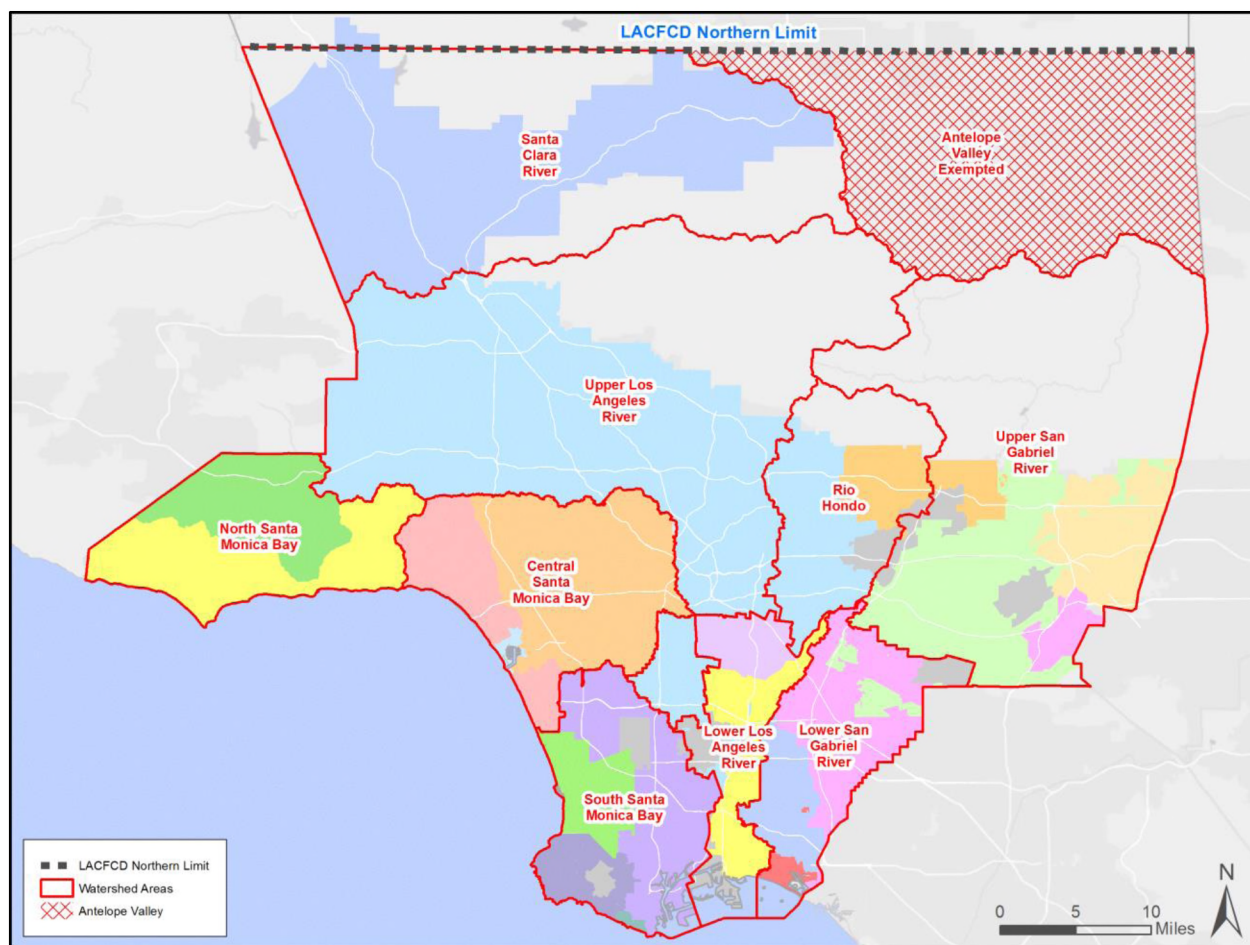


Figure 4. Regional Watershed Area Boundaries with E/WMP Boundaries



H. Membership of the Watershed Area Steering Committees

The Board of Supervisors will empanel Watershed Area Steering Committees for each of the nine (9) Watershed Areas for the purpose of recommending funding appropriations for the Regional Program. The District will provide staff support to each Watershed Area Steering Committee and carry out their decisions. Operating guidelines for Watershed Area Steering Committees will be developed by the District.

Each Watershed Area Steering Committee consists of sixteen (16) members and each member receives one equally weighted vote. Six (6) members are designated from Municipalities located within the Watershed Area, five (5) members are sector-specific stakeholder representatives, and five (5) members are community stakeholder representatives, as shown in Table 3.

The five (5) sector-specific stakeholder representatives and five (5) community stakeholder representatives will be chosen to maintain a geographic balance and be representative of a range of interests within the Watershed Area. These representatives must demonstrate a regional focus. Watershed Area Steering Committee members are required to have knowledge of the sector they represent, as described in Appendix A. Each Watershed Area Steering Committee member will assign an alternate, who must also demonstrate knowledge of the sector they represent, to serve in the absence of the member. The alternate will be selected in the same manner the member seat was assigned.

Members of the Watershed Area Steering Committees, unless prohibited by their employer, will be compensated in the amount of Fifty Dollars (\$50) per meeting attended. Said compensation will be paid through the District Program.

The anticipated membership for each Watershed Area Steering Committee can be found in Appendix B.

Municipal Members: Six (6) seats will be assigned to Municipalities. Any Municipality with at least 16% of the impermeable area located within the Watershed Area receives one seat. A Municipality with at least 33% of the impermeable area located within the Watershed Area receives two seats. A Municipality with at least 50% of the impermeable area located within the Watershed Area receives three seats. A single Municipality may occupy up to three (3) seats on each Watershed Area Steering Committee.

Municipal members for the remaining seats will be chosen by the unrepresented Municipalities. The remaining seats are flexible and could be assigned to a Municipality, E/WMP, COG, or other jurisdiction. Each member will assign an alternate to serve in their absence who must meet the requirements of a Watershed Area Steering Committee member.

Sector-Specific Members: Five (5) sector-specific seats will be assigned by the Board of Supervisors. A seat will be assigned to each of the following sectors:

- District
- Water Agency (to be filled by municipal water district in the Watershed Area)
- Groundwater (to be filled by the largest watermaster in the Watershed Area), or second Water Agency if a groundwater agency does not exist in the Watershed Area
- Sanitation (to be filled by the largest sanitation service provider in the Watershed Area)
- Open Space (to be filled by the largest local park and/or open space agency in the Watershed Area)

Each sector-specific member will assign an alternate from their specific sector to serve in their absence who must meet the requirements of a Watershed Area Steering Committee member, and is subject to Board of Supervisors' approval.

Community Stakeholder Members: Representatives for the five (5) Community Stakeholder seats will be appointed by the Board of Supervisors. A dedicated seat will be assigned to represent environmental justice interests, business interests, and environment interests. The two remaining seats will be assigned to representatives from the community, such as: public health, labor, non-governmental organization, disadvantaged community, community-based organization, schools, academia, and others. In addition to these members, the Watershed Coordinator will also participate on the Steering Committee as a non-voting member (See Section V.A). Each community stakeholder member will assign an alternate from their organization to serve in their absence who must meet the requirements of a Watershed Area Steering Committee member, and is subject to Board of Supervisors approval.

Table 4. Regional Program Watershed Area Steering Committee Membership

	Member	Appointed By
1	Municipality	Varies for Each Watershed Area
2	Municipality	Varies for Each Watershed Area
3	Municipality	Varies for Each Watershed Area
4	Municipality	Varies for Each Watershed Area
5	Municipality	Varies for Each Watershed Area
6	Municipality	Varies for Each Watershed Area
7	District	Appointed by Board of Supervisors
8	Largest Service Provider- Water Agency	Appointed by Board of Supervisors
9	Largest Service Provider- Groundwater/Water Agency #2	Appointed by Board of Supervisors
10	Largest Service Provider- Sanitation	Appointed by Board of Supervisors
11	Largest Municipality Agency- Open Space/Recreation	Appointed by Board of Supervisors
12	Business	Appointed by Board of Supervisors
13	Environmental Justice	Appointed by Board of Supervisors
14	Environment	Appointed by Board of Supervisors
15	At large	Appointed by Board of Supervisors
16	At large	Appointed by Board of Supervisors
	Watershed Coordinator	Non-voting

I. Voting and Meeting Requirements of the Watershed Area Steering Committees

The Watershed Area Steering Committees will determine the frequency and schedule for regular meetings necessary to select Projects for inclusion in their Stormwater Investment Plan.

A quorum is required for Watershed Area Steering Committees to act on any item of business. A quorum will consist of a simple majority of the members or their alternates. If a quorum is present, approval of any item of business requires a simple majority vote of those in attendance.

Meetings conducted by the Watershed Area Steering Committee will be made public and meeting materials will be made available

J. Responsibilities of the Watershed Area Steering Committees

Watershed Area Steering Committees have the following responsibilities:

- a. Receive Projects and Feasibility Studies from Project Applicants, forward the Projects and Feasibility Studies to the Scoring Committee for scoring, review the list of scored Projects and Feasibility Studies returned by the Scoring Committee, and prepare a Stormwater Investment Plan. Potential Projects or Feasibility Studies that lack sufficient information to be scored, or that fail to pass the Threshold Score will be referred to the Technical Resources Program.
- b. Provide the recommended Stormwater Investment Plan to the ROC which will be affirmed by the Board of Supervisors for final adoption.

- c. Ensure Project Developers within their Watershed Area comply with all SCW Program Quarterly Progress/Expenditure report requirements. Submit the Quarterly Progress/Expenditure reports (See Section X.C) to the ROC annually.
- d. Provide additional financial and other information, as required by the Board of Supervisors.
- e. Help identify Project partners and additional sources of funding to augment SCW Program revenues for Projects.
- f. The District will provide staff support to the Watershed Area Steering Committees using funds from the District Program.

K. Watershed Area Steering Committee Conflict of Interest

No member of the Watershed Area Steering Committee shall participate in discussions or vote where that member has a direct personal financial interest in the Project under consideration.

L. Formation and Composition of the Regional Oversight Committee

The ROC is an independent body that reviews all Regional Program Stormwater Investment Plans to ensure Regional Program goals are met. The ROC consists of nine (9) subject matter experts, with knowledge in Water Quality Benefits, Water Supply Benefits, and Community Investment Benefits. The members will be appointed by the Board of Supervisors. ROC members shall not have any direct personal connection to Projects implemented through the SCW Program. The District will provide staff support to the Regional Oversight Committee.

Members of the Regional Oversight Committee, unless prohibited by their employer, will be compensated in the amount of Fifty Dollars (\$50) per meeting attended. Said compensation will be paid through the District Program.

Table 5. Regional Oversight Committee Membership

	Member	Appointment
1	<u>Subject Matter Experts:</u> Water Quality Benefits Water Supply Benefits Community Investment Benefits	Appointed by Board of Supervisors
2		Appointed by Board of Supervisors
3		Appointed by Board of Supervisors
4		Appointed by Board of Supervisors
5		Appointed by Board of Supervisors
6		Appointed by Board of Supervisors
7		Appointed by Board of Supervisors
8		Appointed by Board of Supervisors
9		Appointed by Board of Supervisors

M. Voting and Meeting Requirements of the Regional Oversight Committee

The ROC will determine the frequency and schedule for regular meetings necessary to process the review of Stormwater Investment Plans submitted by the Watershed Area Steering Committees.

A quorum is required for the ROC to take action on any item of business. A quorum will consist of five (5) members of the ROC. If a quorum is present, approval of any item of business requires a simple majority vote of those in attendance.

Meetings conducted by the ROC will be made public and meeting materials will be made available.

N. Responsibilities of the Regional Oversight Committee

The ROC will have the following responsibilities:

- a. Review each of the Watershed Area Steering Committee's Stormwater Investment Plans to ensure Regional Program goals are met. Through this review process, the ROC will make a recommendation to the Board of Supervisors whether each of the Stormwater Investment Plans meets the goals of the SCW program. The Board of Supervisors will have the final determination for funding.
- b. Annually, review the Quarterly Progress/Expenditure Reports (See Section X.C) received by the Watershed Area Steering Committees to account for correct use of funds and ensure progress has been achieved.
- c. Determine whether Regional Program funds have been programmed such that each Municipality receives benefits in proportion to the funds generated within their jurisdiction, to be evaluated over a successive ten (10) year period.
- d. Determine whether Regional Program funds have been programmed such that an appropriate spectrum of Project types and sizes have been implemented throughout the region, to be evaluated over a five (5) year period, taking into consideration a Watershed Area's hydrological conditions.
- e. The District will provide staff support to the Regional Oversight Committee using funds from the District Program.

O. Regional Oversight Committee Conflict of Interest

The intent of the Regional Oversight Committee is to be a fully independent oversight committee with no direct personal financial connection to Projects or programs implemented through the SCW Program. However, in the event a member has a direct personal financial interest in a Project, that member shall abstain from discussions or voting on the Project under consideration.

P. Board of Supervisors Approval of Stormwater Investment Plans

The Board of Supervisors shall review the Stormwater Investment Plans to ensure they conform to the parameters of the SCW Program. Upon approval of each of the Stormwater Investment Plan, the Board of Supervisors will direct the District to transfer funds.

Q. Scoring Committee

The Board of Supervisors will empanel a Scoring Committee composed of six (6) subject matter experts in Water Quality Benefits, Water Supply Benefits, and Community Investment Benefits. The members of the Scoring Committee shall not have any personal connection to Projects implemented through the SCW Program. District will provide staff support for the Scoring Committee using funds from the District Program. The Scoring Committee will utilize technical documents for reference and consideration such as new water quality and water supply studies, plans, and white papers.

The Scoring Committee will score all Infrastructure Program Projects using the Infrastructure Program Project Criteria and will apply a Threshold Score. The Threshold Score is sixty (60) points, but may be modified by the ROC and approved by the Board of Supervisors. The Scoring Committee forwards Projects with their respective score to the appropriate Watershed Area Steering Committees. Projects that lack sufficient information to be scored, or that fail to pass the Threshold Score will be referred to the Technical Resources Program.

Members of the Scoring Committee, unless prohibited by their employer, will be compensated in the amount of Hundred Dollars (\$100) per meeting attended. Said compensation will be paid through the District Program.

Meetings conducted by the Scoring Committee will be made public and meeting materials will be made available.

Table 6. Scoring Committee Membership

	Member	Appointment
1	<u>Subject Matter Experts:</u> Water Quality Benefits Water Supply Benefits Community Investment Benefits	Appointed by Board of Supervisors
2		Appointed by Board of Supervisors
3		Appointed by Board of Supervisors
4		Appointed by Board of Supervisors
5		Appointed by Board of Supervisors
6		Appointed by Board of Supervisors

R. Infrastructure Program Project Criteria

Scoring of Infrastructure Program Projects utilizes the Infrastructure Program Project Criteria, shown in Table 5. Projects will be eligible for scoring if they have a completed Feasibility Study. The District will provide guidance on the minimum requirements, as well as a template for Feasibility Studies. All Projects will be scored according to the Infrastructure Program Project Criteria; all scores will be made available to the public.

Infrastructure Program Project Criteria include the following four sections, which are assigned different ranges of points:

- Section A: Water Quality Benefit (40 Points)
 - Wet weather Projects:
 - Applies a range of points for effectiveness and extent of pollution reduction
 - Dry weather Projects:
 - Applies a range of points for full capture of Urban Runoff and tributary size.
- Section B: Water Supply Benefit (25 Points)
 - Applies a range of points for cost effectiveness and volume of supply created or offset
- Section C: Community Investment Benefit (25 Points)
 - Applies a range of points for Projects that utilize nature-based solutions and one or more Community Investment Benefits.

- Section D: Leveraging Funds (10 Points)
 - Applies points for Project funding match, partnerships, community involvement, and Project readiness. Projects that are already part of an existing plan receive additional points.
 - Funding matches could include but are not limited to: grants, other Measures, in-kind services, Municipal Program funds, and others.

The Scoring Committee will score Projects, apply the Threshold Score, and forward all scored Projects to the appropriate Watershed Area Steering Committee.

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Table 7. Infrastructure Program Project Criteria

Section	Score Range	Scoring Standards	
A.1 Wet Weather Water Quality Benefits	40 points max	The Project provides water quality benefits	
	15 points max	A.1.1: For Wet Weather BMPs Only: Water Quality Cost Effectiveness (Cost Effectiveness) = (24-hour BMP Capacity) ¹ / (Capital Cost in \$Millions) <ul style="list-style-type: none">• <0.4 (acre feet capacity / \$-Million) = 0 points• 0.4-0.6 (acre feet capacity / \$-Million) = 4 points• 0.6-0.8 (acre feet capacity / \$-Million) = 8 points• 0.8-1.0 (acre feet capacity / \$-Million) = 11 points• >1.0 (acre feet capacity / \$-Million) = 15 points ¹ . Management of the 24-hour event is considered the maximum capacity of a Project for a 24-hour period. For water quality focused Projects, this would typically be the 85 th percentile design storm capacity. Units are in acre-feet (AF).	
	25 points max	A.1.2: For Wet Weather BMPs Only: Water Quality Benefit - Quantify the pollutant reduction (i.e. concentration, load, exceedance day, etc.) for a class of pollutants using a similar analysis as the E/WMP which uses the Districts Watershed Management Modeling System (WMMS). The analysis should be an average percent reduction comparing influent and effluent for the class of pollutant over a ten-year period showing the impact of the Project. Modeling should include the latest performance data to reflect the efficiency of the BMP type. <table><tr><td><u>Primary Class of Pollutants</u><ul style="list-style-type: none">• >50% = 10 points• >80%= 15 points (15 Points Max)</td><td><u>Second or More Classes of Pollutant</u><ul style="list-style-type: none">• >50% = 5 points• >80%= 10 points (10 Points Max)</td></tr></table>	<u>Primary Class of Pollutants</u> <ul style="list-style-type: none">• >50% = 10 points• >80%= 15 points (15 Points Max)
<u>Primary Class of Pollutants</u> <ul style="list-style-type: none">• >50% = 10 points• >80%= 15 points (15 Points Max)	<u>Second or More Classes of Pollutant</u> <ul style="list-style-type: none">• >50% = 5 points• >80%= 10 points (10 Points Max)		
- OR -			
A.2 Dry Weather Water Quality Benefits	20 points	A.2.1: For dry weather BMPs only, Projects must be designed to capture, infiltrate, or divert 100% of all tributary dry weather flows.	
	20 points max	A.2.2: For Dry Weather BMPs Only. Tributary Size of the Dry Weather BMP <ul style="list-style-type: none">• <200 Acres = 10points• >200 Acres = 20points	
B. Significant Water Supply Benefits	25 points max	The Project provides water supply benefits	
	13 points max	B1. Water Supply Cost Effectiveness. The Total Life-Cycle Cost ² per unit of acre foot of stormwater volume captured for water supply is: <ul style="list-style-type: none">• >\$2500/ac-ft = 0 points• \$2,000–2,500/ac-ft = 3 points• \$1500-2,000/ac-ft = 6 points• \$1000–1500/ac-ft = 10 points• <\$1000/ac-ft = 13 points ² . Total Life-Cycle Cost: The annualized value of all Capital, planning, design, land acquisition, construction, and total life O&M costs for the Project for the entire life span of the Project (e.g. 50-year design life span should account for 50-years of O&M). The annualized cost is used over the present value to provide a preference to Projects with longer life spans.	
	12 points max	B2. Water Supply Benefit Magnitude. The yearly additional water supply volume resulting from the Project is: <ul style="list-style-type: none">• <25 ac-ft/year = 0 points• 25 - 100 ac-ft/year = 2 points• 100 - 200 ac-ft/year = 5 points• 200 - 300 ac-ft/year = 9 points• >300 ac-ft/year = 12 points	
C. Community Investments Benefits	25 points max	The Project provides Community Investment Benefits	
	15 points	C1. Project implements Nature Based Solutions (as per the SCW Program Definition)	
	10 points	C2. Project has at least: <ul style="list-style-type: none">• One of the Community Investment Benefits defined above = 5 points• More than one distinct Community Investment Benefit = 10 points	
D. Leveraging Funds & Readiness for Implemen- tation	10 points max	The Project achieves one or more of the following:	
	6 points max	D1. Cost-Share. Additional Funding has been awarded for the Project. <ul style="list-style-type: none">• >25% Funding Matched = 3 points• >50% Funding Matched = 6 points	
	4 points	D2. The Project demonstrates strong local, community-based support and/or has been developed as part of a partnership with local NGOs/CBOs.	
Total	Total Points All Sections 100		

V. Municipal Program

Forty (40) percent of the funds from the SCW Program tax are allocated for the Municipal Program pursuant to the Flood Control Act section 2, subsection 8b(B). Municipal funds shall be allocated proportionally to the revenues generated within each Municipality or the County Unincorporated Areas in the District. Considering the geologic, geographic and demographic diversity within the District, the Municipal Program is designed to maximize the ability of local governments to address local Stormwater challenges and opportunities. Projects are required to include a Water Quality Benefit. Multi-Benefit Projects that incorporate a Water Supply Benefit and/or a Community Investment Benefit are strongly encouraged but are not required. Municipal Program funds allow flexibility for Municipalities to fund Stormwater programs, activities, studies, associated staffing costs, as well as capital Projects along all phases of Project development, including but not limited to: concept development, planning, design, construction, monitoring, and operations & maintenance.

A. Municipal Program Responsibilities

Each Municipality receiving Municipal Program funding from the SCW Program will have the following responsibilities:

- a. Engage stakeholders in the planning process for use of the Municipal Program funds during the planning and implementation of Municipal Program Projects.
- b. As part of the Municipal Program planning process, consider a Municipal level request for Projects from eligible Project Applicants.
- c. Prepare informational materials to provide members of the public with up-to-date information on the Municipality's actual and budgeted use of revenues from the SCW Program and make the information available to the public through the Municipality's websites and upon request.
- d. Operate in accordance with best practices for government agencies.
- e. Be strictly accountable for all funds, receipts, and disbursements by the Municipality.
- f. Prepare, prior to the start of that Municipality's fiscal year, a budget for how SCW Program funds will be used.
- g. Prepare within six (6) months after the end of that Municipality's fiscal year an Annual Progress/Expenditure Report that details a program level summary of expenditures and a quantification of Water Quality Benefit, Water Supply Benefit, and Community Investment realized through use of Municipal Program funds.
- h. Comply with all SCW Program reporting and audit requirements (See section XI). And provide the District additional financial and other information, as required by SCW Program or upon request.
- i. Comply with revenue transfer agreement requirements.

B. Maintenance of Effort

A Municipality must spend at least 70% of their Municipal Program funds annually on new Projects, which also includes operations and maintenance of infrastructure Projects built to comply with the 2012 MS4 Permit, so long as the Project complies with Municipal Program requirements. Up to 30% of a Municipality's Municipal Program funds may be used to pay for SCW Program eligible activities commenced before the election date of the SCW Program Tax.

C. Municipal Program Annual Progress/Expenditure Reports

Each Municipality shall arrange for an Annual Progress/Expenditure Report for all Projects. The Annual report shall include details that summarize the expenditures and quantify the benefits of Water Quality, Water Supply, and Community Investment realized through use of SCW Program funds. The Municipality shall be subject to and comply with all applicable requirements of the District regarding Project-reporting requirements. The Annual Progress/Expenditure Report details:

- Percent complete estimate.
- SCW Program funds expended.
- Documentation that the SCW Program funds were used for eligible expenditures.
- Discussion of work accomplished during the reporting period.
- Milestones or deliverables completed/submitted during the reporting period.
- Scheduling concerns and issues encountered that may delay completion of the task.
- Work anticipated for the next reporting period.
- Photo documentation, as appropriate.
- Additional information as necessary.

VI. District Program

Ten (10) percent of the revenue from the tax on each parcel is allocated for the District Program pursuant to the Flood Control Act section 2, subsection 8b(A).

A. Responsibilities

The District will have the following responsibilities:

- a. Administer the SCW Program such as but not limited to: Tax and payment administration, review annual budgets and reports, conduct audits, and manage appeals of scoring process.
- b. Annually prepare a five (5)-year revenue forecast for each Watershed Area.
- c. Plan, implement, and maintain District Projects.
- d. Administer logistics for the Regional Program.
- e. Provide staff support to the Scoring Committee, Watershed Area Steering Committees, and the ROC.

- f. Provide Technical Assistance Teams and Watershed Coordinators funded by the Technical Resources Program.
- g. Engage stakeholders in the planning process for use of the District Program funds.
- h. Plan, implement, and maintain District Projects in conjunction with stakeholders.
- i. Operate in accordance with best practices for government agencies.
- j. Conduct independent audits as described in section XI. to ensure compliance with requirements of the SCW Program.
- k. Prepare, prior to the start of the District's fiscal year, a budget for how SCW Program funds will be used.
- l. Prepare within six (6) months after the end of the District's fiscal year an annual report that details a program level summary of expenditures and a quantification of Water Quality Benefit, Water Supply Benefit, and Community Investment realized through use of Municipal Program funds.
- m. Comply with all SCW Program audit requirements (See section XI).
- n. Administer and ensure effectiveness for the Technical Resources Program Watershed Coordinators and Technical Assistance Teams.

B. Programs

The District will administer the programs below. The District will commence these programs within the first year of passage of the Safe, Clean Water Tax. Not less than \$25-million of District Program funds shall be allocated for these programs over a revolving five (5) year period. These programs will be implemented throughout the region with special attention toward the needs of disadvantaged communities. The District will partner with stakeholders to collaboratively implement these programs.

The District create Stormwater education programs that proactively involve stakeholders and community groups to carry out activities that may include, but are not limited to:

- a. Public education programs.
- b. Local workforce job training, which will provide certification classes and vocational training at the community level for the design, construction, inspection, and operations and maintenance of Stormwater management and Multi-Benefit Projects.
- c. Schools education and curriculum program, such as classroom curriculum, guest speakers, etc.

C. District Projects and Regional Water Quality Planning & Coordination

The District will carry out the following activities:

- a. Regional water quality planning and coordination to carry out activities which may include, but are not limited to providing regional leadership and coordination for scientific studies, research, and water quality modeling.
- b. Implementation of Multi-Benefit Projects. The District will engage stakeholders in the planning process for District Projects.

VII. Tax Calculation and Collection Provisions

A. Calculation of the Tax

The tax will be calculated for each parcel subject to the tax based upon the parcel's impermeable area. The boundaries of the area, and identification of the parcels subject to the tax and the method for calculating the tax for each parcel will be established by the ordinance adopted by the Board. The rate used for calculating the tax, as established by the ordinance adopted by the Board, will remain the same from year to year, unless a change is approved in accordance with all applicable laws. The Chief Engineer may periodically re-evaluate the characteristics of parcels to ensure accuracy of tax calculations.

B. Collection – General Procedure

The tax will be collected for each fiscal year on the property tax roll in the same manner, and at the same time as, the general taxes of the County are collected. The Auditor will provide an annual statement of the revenues collected for the SCW Program to each Municipality as well as each Watershed Area Steering Committee.

Insofar as feasible and not inconsistent with the SCW Program, the times and procedures regarding exemptions, due dates, installment payments, corrections, cancellations, refunds, late payments, penalties, liens, and collections for secured roll ad valorem property taxes will be applicable to the collection of the tax.

C. Claims for Reimbursement and Appeals

Parcel owners who believe their tax has been calculated incorrectly will be able to seek review on one or more of the following grounds:

- a. Mathematical error in the calculation of the tax.
- b. Discrepancy of more than either the result of a 10% error in the actual impermeable area or \$50 in the tax amount, whichever is greater.

Tax appeals must be filed with the District.

D. Passthrough of Tax

There are no provisions in the SCW Program Tax that would limit a parcel owner's ability to passthrough the proposed parcel tax to a tenant. Land owners must comply with all applicable rent control ordinances, contractual provisions in the specific lease, federal subsidized housing requirements, and others.

E. Rebate Program

The rebate program shall provide mechanisms to provide rebates to private property owners that recognize improvements to water quality that may also support water conservation and resiliency and/or provide other community benefits through outcomes that are consistent with the SCW Program goals

VIII. Revenue Bonds

Bonds issued hereunder by a Municipality or the District, to the extent such entity is authorized by law to issue and sell revenue bonds, may be secured by SCW Program revenues as set forth in this document. Only those amounts specifically allocated to a Municipality or the District may be used as security for its respective bonds. Watershed Area Steering Committees may request the District to bond against their Watershed Area's revenue stream for Regional Projects.

Any such revenue bonds shall not constitute any indebtedness of the District or the County, but shall be payable, principal and interest, only from revenues received from the tax.

IX. Miscellaneous Provisions

A. Carryover of Uncommitted Municipal and Regional Program Funds

Municipalities and Project Developers will be able to carry over uncommitted SCW Program revenues for up to five (5) years from the end of the fiscal year in which those revenues are transferred from the District to the Municipality or Project Developer. Additional requirements may be included in the transfer agreement.

B. Procedures for Lapsing Funds

Municipalities and Project Developers who are unable to expend their approved funding as described in their Stormwater Investment Plan will be subject to lapsing funds procedures. Lapsing funds are funds that were committed and approved but were not able to be spent per the approved schedule. Funds are considered lapsed five (5) years after the transfer agreement execution date.

SCW Program revenues that are not expended by a Municipality or Project Developer within the five (5) years will revert back to the Watershed Area Steering Committee of the respective Watershed Area and be reprogrammed to a new Project with benefit to that Municipality or Watershed Area.

C. Record-Keeping and Audits

The following recordkeeping and audit requirements will apply:

- a. SCW Program revenues received by the District, Municipalities, and Project Developers will be required to be held in separate interest-bearing accounts and not combined with other funds. Interest earned on SCW Program revenues will be required to be used for SCW Projects in the Watershed Area Steering Committee or Municipality in which it was earned, consistent with the requirements of the SCW Program.
- b. Municipalities, Project Developers, and the District will be required to retain, for a period of seven (7) years after Project completion, all records necessary to determine the amounts expended, and eligibility of Projects. Municipalities and Project Developers, upon demand by authorized representatives of the District will be required to make such records available for examination and review or audit by the District or its authorized representative.

- c. At all reasonable times, Municipalities and Project Developers will be required to permit the Chief Engineer, or his or her authorized representative, to examine all Projects that were erected, constructed, implemented, operated, or maintained using SCW Program revenues. Municipalities and Watershed Area Steering Committees will be required to permit the authorized representative, including the Auditor, to examine, review or audit, and transcribe any and all audit reports, other reports, books, accounts, papers, maps, and other records that relate to Projects funded with revenues from the SCW Program.
- d. Municipalities will be subject to an independent audit of their use of SCW Program funds not less than once every five (5) years. Municipal audits are to be funded with Municipal Program funds.
- e. Project Developers will be subject to an independent audit upon completion of the Project. Additional interim audits may be conducted.
- f. District will be subject to an independent audit of their use of SCW Program funds not less than once every five (5) years.

D. Procedures for Addressing Misuse of Funds and Failure to Comply with Requirements

The following procedures apply for misuse of funds and failure to comply with requirements.

- a. If the District determines that a Project Developer or Municipality has misused SCW Program revenues, the District may issue a written notice to the Project Developer or Municipality of that determination and to refund those revenues, including associated interest, to the District within thirty (30) days of notification.
- b. Revenues refunded by a Project Developer or Municipality will, at the Board of Supervisors' discretion, be reassigned and used to plan, implement, and maintain Projects in accordance with the following:
 - SCW Program revenues refunded by a Municipality will be used to fund Municipal or Regional Projects that are located within the jurisdiction of the Municipality.
 - SCW Program revenues refunded by a Project Developer will be used to implement Projects in the same Watershed Area from which the revenues were collected.
- c. Failure to comply with a notice to refund revenues by the required date will result in immediate suspension of future SCW Program revenue disbursements to that entity until such time as revenues are refunded.
- d. If the District determines that a Municipality or Project Developer has failed to comply with any applicable requirement of the Program, the District, at its discretion, may issue a written notice to the Municipality or Project Developer of that determination and that the District will withhold future disbursements of SCW Program revenues pending compliance. Withheld disbursements will be retained by the District for a period of five (5) years after which, if the violation has not been resolved, they will revert back to the respective Watershed Area Steering Committee for reprogramming to another Project.

- e. If a Project Developer or Municipality disputes a determination by the District, as described above, the Project Developer or Municipality may submit a notice of appeal to the District not later than ten (10) business days from the date of the written notice from the District. The District will appoint a hearing officer to conduct a hearing on the appeal. The submission of a notice of appeal does not relieve the Municipality or Project Developer of the obligation to refund the SCW Program revenues in dispute. If the hearing officer determines an adjustment is required, that adjustment will be reflected in the next disbursement of SCW Program revenues.

E. District Held Harmless

The District will not be required to accept ownership or responsibility for any Project developed, implemented or constructed by a Municipality or a Project Developer with SCW Program revenues. Unless the District enters into an express agreement with a Project Developer or Municipality to the contrary, neither the District, nor the County to the extent that it is acting on behalf of the District, their officers, employees, agents or volunteers ("District Indemnitees") will be liable in connection with errors, defects, injuries, property damage caused by or attributed to any Project that is funded in whole or in part with SCW Program revenues, and each Municipality and Project Developer will be required to indemnify the District Indemnitees and hold them harmless for claims, liability, and expenses, including attorneys' fees, incurred by any District Indemnitees as a result of any Project developed, implemented, or constructed by the Municipality or Project Developer that is funded with the SCW Program revenue, except for claims, liability, and expenses, including attorneys' fees, resulting from the sole negligence or willful misconduct of District Indemnitees.

F. Period Review of the SCW Program

- a. The Board of Supervisors will review and make revisions to the SCW Program as needed, including updates to the Infrastructure Program Project Scoring Criteria; Watershed Area boundaries; Threshold Score; membership of the Watershed Area Steering Committees, Regional Oversight Committee, and Scoring Committee; and other sections.
- b. After a period of thirty (30) years, the Board of Supervisors shall evaluate the need for the SCW Program and make a determination of whether the tax should be rescinded.

SAFE, CLEAN WATER PROGRAM
Draft Program Elements Appendices

X. APPENDIX

A. Watershed Area Steering Committee Minimum Requirements

Sector	Years Of Experience	Description
Municipalities	Five +	<ul style="list-style-type: none"> General knowledge of pollution abatement projects and knowledge in Stormwater programs, and knowledge of NPDES Stormwater Permit and TMDL issues as related to the region. Knowledgeable of the roles of federal, state and local governmental agencies involved in either the regulation of or the operation of water supply facilities, as well as familiarity with key nongovernmental agencies that influence the operations of water systems.
Groundwater	Five +	<ul style="list-style-type: none"> Experience in one of the following groundwater areas: remediation, supply, management and/or storage. Educational background or equivalent work experience in engineering, natural sciences, land use management, conservation, or other water resource-related field.
Water Agency	Five +	<ul style="list-style-type: none"> Educational background or work experience in engineering, environmental science, biology, chemistry, toxicology, microbiology, urban planning or closely related field. Ability to provide a regional perspective on water supply issues. Expertise in the planning, design and construction, financing, and operations of water works facilities which includes storage reservoirs, transmission and distribution systems, pumping plants, water treatment, water conservation, and system optimization particularly as it effects power usage. Sound knowledge of existing and emerging regulations, as well as environmental matters and familiarity with California water law and regulations. Knowledgeable of the roles of federal, state and local governmental agencies involved in either the regulation of or the operation of water supply facilities, as well as familiarity with key nongovernmental agencies that influence the operations of water systems. Experience in the acquisition of water rights.
Sanitation	Five +	<ul style="list-style-type: none"> Experience in local or regional agency that provides wastewater collection, treatment, recycling and/or disposal services. Education background and work experience in science, engineering, waste management or related fields.
Open Space	Five +	<ul style="list-style-type: none"> Experience with habitat, open space and/or recreational issues at a regional level (i.e. across Municipal jurisdictions and watershed boundaries). Educational background or equivalent work experience in natural sciences, land use management, conservation, or other water resource-related field. Familiar with the agencies and organizations involved in habitat/open space issues in the District who are likely to be Project Developers, land owners or permittees of Projects.
At large Community Stakeholders	Five +	<ul style="list-style-type: none"> General knowledge of pollution abatement projects and knowledge in Stormwater programs, and knowledge of NPDES Stormwater Permit and TMDL issues as related to the region. Experience in community engagement Knowledge and experience in working with government agencies to achieve community investment
Environmental	Five +	<ul style="list-style-type: none"> Experience in water resource issues Educational background or equivalent work experience in natural sciences, land use management, conservation, or other water resource-related field Educational background or work experience in engineering, environmental science, biology, chemistry, toxicology, microbiology, urban planning or closely related field.

Sector	Years Of Experience	• Description
Business	Five +	<ul style="list-style-type: none"> • Experience in developing commercial/business Stormwater Capture facilities • Knowledge and experience in working with government agencies to achieve water resource improvements for residential and commercial properties • Educational background or equivalent work experience in natural sciences, land use management, conservation, or other water resource-related field.
Environmental Justice	Five +	<ul style="list-style-type: none"> • Experience in community engagement • Knowledge and experience in community priorities regarding resource needs for quality of life issues with respect to the development, implementation, and enforcement of environmental law, regulation, and policies. • Knowledge and experience in working with government agencies to achieve community investment.
Watershed Coordinator	Five +	<ul style="list-style-type: none"> • Experience in coordination and implementation of technical assistance. • Knowledge and experience in watershed protection planning, water quality, and/or watershed assessment. • Knowledge and experience to provide and/or coordinate technical assistance that results in Projects that are integrated and result in regionally significant and measurable watershed benefits • Experience in community engagement particularly with disadvantaged communities and small cities is desirable.
General Minimum Qualifications for all Members: <ul style="list-style-type: none"> • General knowledge of pollution abatement projects and knowledge in Stormwater programs, and knowledge of NPDES Stormwater Permit and TMDL issues as related to the region. Must be able to attend and participate in Watershed Area Steering Committee meetings. 		

B. Watershed Area Steering Committee Membership

	Central Santa Monica Bay			Lower Los Angeles River			Lower San Gabriel River			North Santa Monica Bay			Rio-Hondo			Santa Clara River			South Santa Monica Bay			Upper Los Angeles River			Upper San Gabriel River					
Municipal Reprentation (6 seats)																									Unincorporated			19%	1	
																									Pomona			13%		
																									Industry			11%		
				Long Beach	22%	1																			West Covina			9%		
				Commerce	11%																				Glendora			6%		
				Compton	11%		Long Beach	17%	1																Diamond Bar			6%		
				Vernon	10%		Santa Fe Springs	11%																	Covina			5%		
				South Gate	9%		Whittier	9%																	Baldwin Park			5%		
				Downey	6%		Norwalk	8%																	Claremont			4%		
				Lynwood	5%		Lakewood	8%																	Azusa			4%		
				Huntington Park	4%		Unincorporated	7%																	La Verne			4%		
				Paramount	4%		Cerritos	7%																	San Dimas			4%		
				Unincorporated	4%		La Mirada	7%																	Walnut			3%		
	Los Angeles			77%	3	Bell Gardens	3%	Downey	6%																	Inverdale			3%	
	Santa Monica			6%		Bell	3%	Bellflower	6%		Unincorporated	29%	1	South El Monte	4%											La Puente			2%	
	El Segundo			4%		Pico Rivera	2%	Pico Rivera	5%		Malibu	25%	1	San Marino	3%											El Monte			2%	
	Culver City			4%		Cudahy	2%	Paramount	2%		Agoura Hills	21%	1	Sierra Madre	2%											Duarte			1%	
	Beverly Hills			4%		Maywood	2%	Artesia	2%		Westlake Village	14%		Duarte	2%											South El Monte			0%	
	Inglewood			2%		Signal Hill	1%	La Habra Heights	1%		Calabasas	10%		Inverdale	1%											Bradbury			0%	
	Unincorporated			2%		Carson	0%	Signal Hill	1%		Hidden Hills	1%		Bradbury	0%		Santa Clarita	64%	3	Rolling Hills	1%	Hidden Hills	0%	Arcadia	0%					
	West Hollywood			2%		Lakewood	0%	Hawaiian Gardens	1%		Los Angeles	0%		South Pasadena	0%		Unincorporated	36%	2	Compton	0%	Santa Clarita	0%	Monrovia	0%					
			Non-represented City (Self Selected)	3	Non-represented City (Self Selected)	5	Non-represented City (Self Selected)	5	Non-represented City (Self Selected)	3	Non-represented City (Self Selected)	6	Non-represented City (Self Selected)	1	Non-represented City (Self Selected)	4	Non-represented City (Self Selected)	3	Non-represented City (Self Selected)	5										
LACFCD	FCD			FCD			FCD			FCD			FCD			FCD			FCD			FCD			FCD			FCD		
Water Agency	LADWP			Central Basin			Central Basin			Las Virgenes			Upper San Gabriel District			Castaic Lake			West Basin			LA-DWP			Upper San Gabriel District					
Ground Water / Water Agency 2	West Basin			Water Replenishment District			Water Replenishment District			County-Waternorks District			Main San Gabriel Basin			GSA for the Santa Clara River Valley			Water Replenishment District			LA-DWP			Main San Gabriel Basin					
Sanitation	LA-SAN			San Districts			San Districts			Las Virgenes			San Districts			San Districts			San Districts			LA-SAN			San Districts					
Open Space	LA Rec & Parks			City of Long Beach Parks and Recreation			City of Long Beach Parks and Recreation			Mountains Recreation and Conservation Authority			City of Pasadena Parks and Recreation			City of Santa Clarita Parks and Recreation			LA Rec & Parks			LA Rec & Parks			County Parks and Rec					
Community Stakeholder (5 seats)	Appointed by BoS			Appointed by BoS			Appointed by BoS			Appointed by BoS			Appointed by BoS			Appointed by BoS			Appointed by BoS			Appointed by BoS			Appointed by BoS					

Attachment 2. LASAN and LADWP comments on Safe, Clean Water Program



May 11, 2018

Mr. Mark Pestrella, Director
Los Angeles County Department of Public Works
900 South Fremont Avenue
Alhambra, California 91803

Dear Mr. Pestrella:

COMMENTS ON SAFE, CLEAN WATER PROGRAM

LA Sanitation (LASAN) and the Los Department of Water and Power (LADWP) appreciate the efforts and leadership of the Los Angeles County (LA County) Board of Supervisors, and the Los Angeles County Flood Control District (LACFCD) in establishing the Safe, Clean Water (SCW) Program and the opportunity to provide comments on the Draft Program Elements of the SCW Program.

Our agencies strongly believe that by working collaboratively together as a region and within the respective watersheds, we can achieve compliance with the stormwater permit and the water quality mandates while augmenting our local water supply by capturing and infiltrating stormwater, addressing flooding and related public safety risks, and enhancing the quality of life in our communities with focus on our burdened and disadvantaged communities. Through the process of the development of the Enhanced Watershed Management Plans (EWMPs) and the corresponding Coordinated Integrated Monitoring Plans (CIMPs), we have demonstrated that we all can come together, work together and succeed together. We are sure that we can continue the same sense of collaboration as part of the SCW Program.

As we continue to work through the SCW Program stakeholder process and directly with your staff, the following summarizes our general comments on the draft SCW Program:

- The governance structure as currently proposed and constituted in the SCW including the composition of the Watershed Area Steering Committee and the proposed boundaries of the Regional Watershed Areas is appropriate. Maintaining the integrity of the watersheds is extremely important to the City to ensure maximum efficiencies and effectiveness and to ensure compliance with the watershed based and stakeholder developed Enhanced Watershed Management Plans (EWMPs). In addition, we recommend that members of the Watershed Areas Steering Committees (WASC) should not be excluded from discussions or voting on projects within their jurisdictions.

zero waste • one water

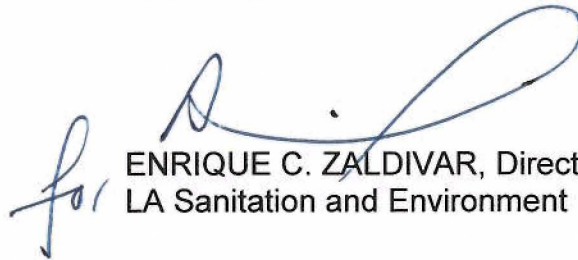


- Funding that benefits burdened and disadvantaged communities should not be less than 110% of the ratio of those populations as compared to the total population in the Watershed Area. In addition, priority should be given to investments in these areas as part of the Local, Regional and District Programs.
- The principle of Equity should be further strengthened in the program overall by including a definition of equity and expanding the policy goal of "Equity for Disadvantaged Communities" by recognizing the nature of localized needs in those areas. The definition of Disadvantaged Community should be modified to ensure inclusion of disproportionately burdened communities and populations, including those identified in the CalEnviro Screen 3.0.
- Flood mitigation projects and other measures to protect the related public safety, improve the quality of life and convey runoff for capture, should be a main element of community investment benefits as part of the Regional Program project scoring criteria and as part of the direct funding in the District Program. Expenditures for flood control conveyance projects that capture and convey stormwater to a local or regional project should be eligible under the SCW Program.
- The Regional Program should give priority to EWMP projects because EWMPs are approved by the Regional Water Quality Control Board, incorporate stakeholder input and emphasize multi-benefit projects. In addition, Cities should be able to designate high priority zones within the watersheds that have the highest urgency and opportunity for project implementation.
- The SCW Program should acknowledge and reward cities that have already invested in the implementation of local and regional water quality projects. This includes allowing for the operation and maintenance costs of these recently completed projects and any repayment of loans on ongoing construction to be eligible under the respective local and regional programs. In addition, a project that is constructed with partial funding from the SCW Program should be eligible for operation and maintenance funding for the entire project from the SCW Program.
- It is recommended that Project Applicants other than cities or LA County within the watershed should obtain sponsorship from a City or the LA County within that watershed. This will help streamline implementation, support acquisition of local permits and authorizations and ensure that long term operation and maintenance is addressed.
- It is recommended that the SCW Program consider options to mitigate the impact of the tax on low income property owners.

Mr. Mark Pestrella, Director
Los Angeles County Department of Public Works
May 3, 2018
Page 3

We truly appreciate your consideration of our comments and we look forward to further discussing these comments with you. If you have any questions, please contact LASAN Assistant Director, Mr. Adel Hagekhalil at (213) 485-2210.

Sincerely,

A handwritten signature in blue ink, appearing to read "Enrique C. Zaldivar", with a large, stylized loop at the end.

ENRIQUE C. ZALDIVAR, Director and General Manager
LA Sanitation and Environment

A handwritten signature in blue ink, appearing to read "David H. Wright", with a stylized, flowing script.

DAVID H. WRIGHT, General Manager
Los Angeles Department of Water & Power

ECZ:AHH:SK:HC:vg
WPDCR9421

c: Barbara Romero, Mayor's Office
Liz Crosson, Mayor's Office
Heather Repenning, Board Office
Ackley Padilla, CD6
Marty Adams, LADWP
Rafael Prieto, CLA
Adel Hagekhalil, LASAN
Shahram Kharaghani, LASAN

Attachment 3. 5-Year Stormwater CIP

City of Los Angeles Stormwater and Green Infrastructure 5-Year Capital Improvement Plan



CITY OF LOS ANGELES. BUREAU OF SANITATION
WATERSHED PROTECTION DIVISION

FEBRUARY 14, 2018

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Appendix A: Planned Storm Drain Projects

Appendix B: Summary Schedule of Projects for 5-year CIP

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1 INTRODUCTION

This 5-year Capital Improvement Plan (CIP) embodies the full range of projects required for the City of Los Angeles Bureau of Sanitation (LASAN) Watershed Protection Division (WPD) to comply with stormwater quality regulations and provide flood protection for the City of Los Angeles's residents and ratepayers. These projects address urban runoff that originates from stormwater runoff and dry weather (non-stormwater) runoff. Both of these pollutant sources have a significant impact on the quality of water in the City's creeks, rivers, and beaches. Since the California State Water Resources Control Board established a statewide goal to increase the use of stormwater by at least 500,000 acre-feet per year, the State has entered into a period of historic drought. The drought has prompted the Mayor's Executive Directive No. 5 – Emergency Drought Response, Creating a Water Wise City (October 14, 2014). The projects recommended in this CIP support the Mayor's Directive by capturing runoff and using it to augment local potable water supplies and offset the needs for imported water.

The City's watersheds are subject to 22 different Total Maximum Daily Loads (TMDLs), which represent regulatory requirements to reduce urban runoff pollutants (metals, bacteria, toxics, etc.) within a defined compliance schedule. The City's approach to complying with these requirements has recently been transformed through the Enhanced Watershed Management Programs (EWMPs) that the City led for each of its five major watersheds (Upper Los Angeles River, Ballona Creek, Dominguez Channel, Santa Monica Bay, and Marina del Rey). The EWMP plans have recently been submitted to the California Regional Water Quality Control Board (RWQCB) and represent a new "compliance pathway" for Permittees under the county-wide Municipal Separate Storm Sewer System (MS4) permit. This CIP includes the projects required to address near-term MS4 permit compliance schedules plus storm drain projects for flood control. Overall, the projects in this CIP support a multi-benefit approach to improving stormwater quality while supporting the City's broader water resource initiatives to ensure that water supply benefits are being maximized while also providing flood protection.

2 PROJECT IDENTIFICATION

The City has begun parallel planning efforts to address various TMDL and MS4 permit requirements that have resulted in identification of various projects to improve water quality in the City's receiving waters, including:

- **Time Schedule Order (TSO) projects:** In May 2015, the RWQCB adopted a TSO for the dry weather requirements of the Ballona Creek Bacteria TMDL. The duration of the TSO is five-years and requires implementation of specific projects included in a Pollution Prevention Plan. The projects LFTF-1 and LFTF-2 (Low Flow Treatment Facilities) are innovative facilities to divert, treat and release flows to attain bacteria requirements. Current concepts for the projects include diversion components to Hyperion Treatment Plant to promote reuse and increase the water resources benefits of the projects. The projects must be operational by 2019, per the TSO.
- **Load Reduction Strategy (LRS) projects:** Under the provisions of the LA River Bacteria TMDL, implementation of these projects is required by 2019 for Segment B and 2020 for Arroyo Seco. These projects are multi-use projects with design elements that vary depending on site. Several of the projects along Segment B are innovative concepts for dry weather

diversions coupled with green infrastructure, known as Removal and Reuse Urban Flow Systems (R2UFS).

- **Enhanced Watershed Management Plan (EWMP) projects:** With drafts submitted to the RWQCB in June 2015, the EWMPs include a comprehensive list of projects to be implemented to meet schedule milestones for water quality improvement. EWMPs have been developed for the Upper Los Angeles River (ULAR), Ballona Creek (BC), Santa Monica Bay (SMB), Dominguez Channel (DC), and Marina del Rey (MDR) watersheds, with the first major milestones varying for each watershed and occurring between 2017 to 2026.

The following is a summary of these projects for inclusion in the 5-year CIP.

2.1 Time Schedule Order Projects

The City has developed conceptual plans for two projects in the Ballona Creek watershed to improve the water quality of dry weather flows within the creek and discharged to Santa Monica Bay. These projects are identified as high priority to meet TSO compliance, with design to begin in Fiscal Year (FY) 18/19 and construction to be completed by FY 19/20 to meet associated schedule requirements. Table 2-1 lists the TSO projects and associated estimated construction (CONS) costs.

Table 2-1. TSO Projects in Ballona Creek Watershed

CIP No.	Project Title	CONS
TSO-1	NOTF/LFTF-1 Phase I	\$12,386,000
TSO-2	Sepulveda Channel Diversion BMP Project	\$4,429,000

2.2 Load Reduction Strategy Projects

The City has identified multiple projects to meet LRS requirements in Los Angeles River and Arroyo Seco to improve the water quality of dry weather flows within the waterbodies. These projects are identified as high priority to meet TMDL compliance, with design to begin in FY 18/19 and construction to be completed by FY 19/20 for Segment B and FY 20/21 for Arroyo Seco to meet associated schedule requirements. Table 2-2 lists the LRS projects and associated CONS costs.

Table 2-2. LRS Projects in Los Angeles River Watershed

CIP No.	Project Title	CONS
LRS-1	LA River Segment B Urban Runoff Project No. 1	\$5,700,000
LRS-2	LA River Segment B Urban Runoff Project No. 2	\$5,400,000
LRS-3	LA River Segment B Urban Runoff Project No. 3	\$3,900,000
LRS-4	Arroyo Seco Urban Runoff Project No. 1	\$205,000
LRS-5	Arroyo Seco Urban Runoff Project No. 2	\$1,793,800
LRS-6	Arroyo Seco Urban Runoff Project No. 3	\$1,267,965
LRS-7	Arroyo Seco Urban Runoff Project No. 4	\$3,500,000
LRS-8	Arroyo Seco Urban Runoff Project No. 5	\$250,000
LRS-9	4th St & Santa Fe Priority Greenway + Sustainable Little Tokyo	\$12,500,000

2.3 Enhanced Watershed Management Plan Projects

The City has submitted five draft EWMPs to the RWQCB that address Permit requirements and specific TMDLs and water quality impairments in the ULAR, BC, SMB, DC, and MDR watersheds. Each EWMP defines a “recipe for compliance” that identifies projects to be implemented over time that demonstrate progress and ultimate compliance with TMDL and Permit requirements. Projects identified within each EWMP are specific to the unique physical characteristics and pollutants of concern within each watershed. The pace of project implementation varies for each EWMP depending on TMDL compliance deadlines specific to each watershed. Table 2-3 lists major near-term milestones and estimated City capital costs identified in each EWMP for project implementation.

Table 2-3. EWMP Estimated Implementation Costs for City of Los Angeles to Meet Major Milestones

Watershed	EWMP Major Near-Term Milestone	EWMP Estimated City Capital Cost through Major Milestone
ULAR	2024	\$365,000,000
BC	2021	\$2,075,000,000
SMB	2021	\$450,000,000
DC	2026	\$225,000,000
MDR	2021	\$276,000,000

The EWMPs defined two general categories of projects for consideration in the CIP:

- **Regional Projects** - Centralized facilities located near the downstream ends of large drainage areas (typically treating 10s to 100s of acres). Regional projects receive large volumes of runoff from extensive upstream areas and can provide a cost-effective mechanism for infiltration and pollutant reduction. Runoff is typically diverted to regional projects after it has already entered storm drains and engineered channels.
- **Green Streets** – Distributed structural practices that are typically implemented as linear bioretention/biofiltration practices installed parallel to roadways. These systems receive runoff from the gutter via curb cuts or curb extensions and infiltrate it through native or engineered soil media. Permeable pavement can also be implemented in tandem, or as a standalone practice, in parking lanes of roads.

Regional Projects and Green Streets are scheduled in the EWMPs in varying degrees in each watershed to address implementation milestones. Each EWMP also identified high-priority Signature EWMP Projects that include conceptual plans to support development of more-detailed designs. These Signature EWMP Projects include both Regional Projects and Green Streets and vary in number for each EWMP.

The following subsections present the Signature EWMP Projects and other Regional Projects and Green Streets prioritized and selected for the 5-year CIP. A component of the prioritization and planning of these EWMP projects included co-locating with currently proposed Storm Drain Projects designed to improve stormwater drainage and conveyance (Figure 2-1). The prioritized list of planned

Storm Drain Projects is provided in Appendix A. Wherever possible, EWMP projects were combined with these Storm Drain Projects for the 5-year CIP.

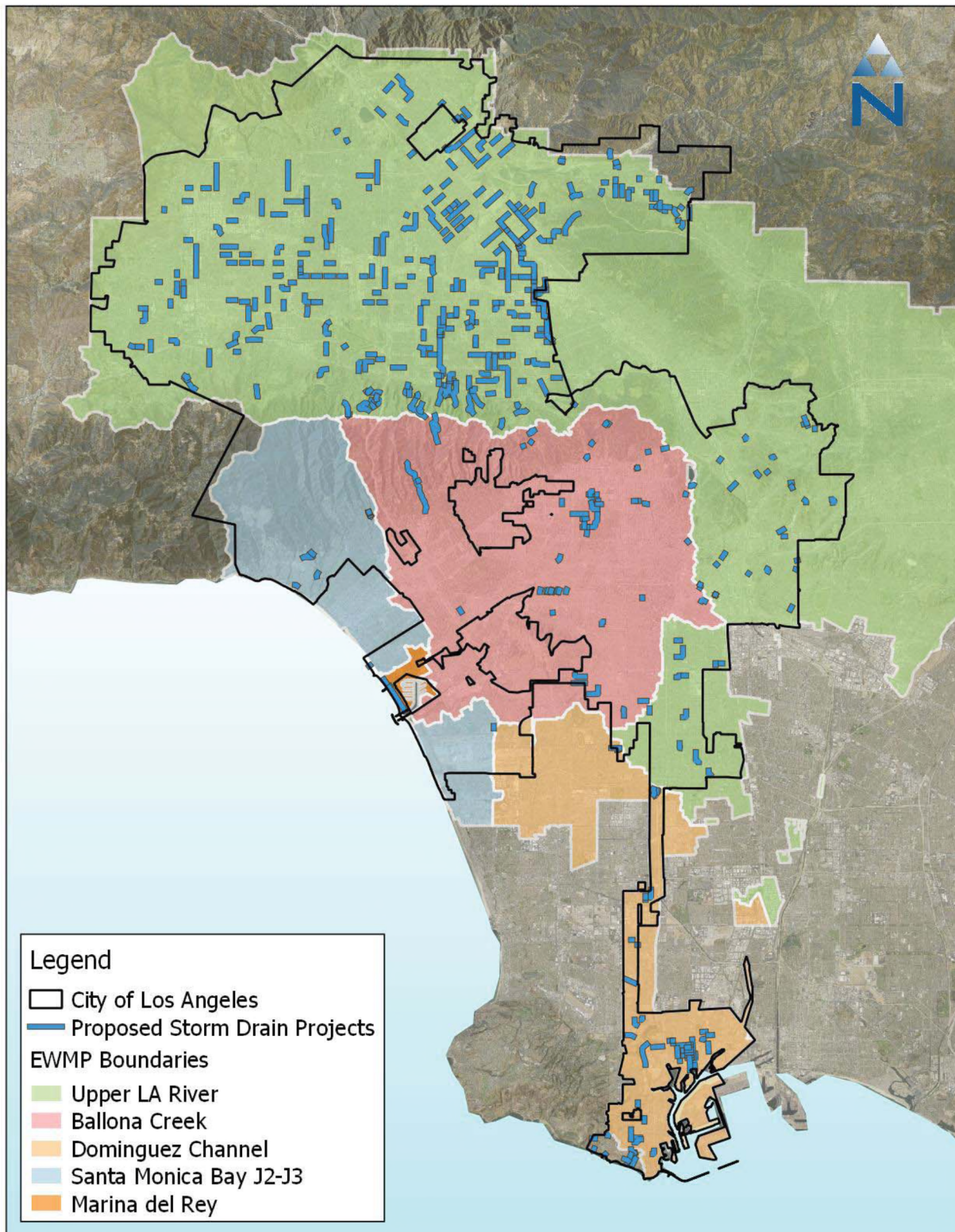


Figure 2-1. Proposed Storm Drain Projects.

2.3.1 Signature EWMP Projects

Signature EWMP Projects are shown in Figure 2-2 and Table 2-4. Planned Storm Drain Projects within 1,000 feet of the Signature EWMP Projects were co-located with those Signature EWMP Projects, wherever appropriate. Co-located Storm Drain Projects are also shown in Table 2-4. For each Signature EWMP Project co-located with a Storm Drain Project, CONS costs of the co-located projects were added resulting in a combined total CONS cost.

Table 2-4. Signature EWMP Projects and Co-located Storm Drain Projects

CIP No.	Signature EWMP Project		Co-located Storm Drain Project			Total CONS
	Project Title	CONS	No.	Project Title	CONS	
BC-1	Lafayette Park	\$19,895,000				\$19,895,000
BC-2	Queen Anne Recreation Center	\$27,051,000				\$27,051,000
BC-3	Rancho Park Golf Course	\$13,226,000				\$13,226,000
BC-4	Poinsettia Park	\$11,018,000				\$11,018,000
ULAR-1	North Hollywood Park Project	\$40,907,000				\$40,907,000
SMB-1	Oakwood Recreation Center	\$2,375,197				\$2,375,197
SMB-2	Rustic Canyon Recreation Center	\$2,765,797	414	Brooktree Low Flow	\$580,000	\$3,345,797
SMB-3	Brentwood Country Club	\$5,592,021				\$5,592,021
SMB-4	Riviera Country Club	\$5,214,985				\$5,214,985
DC-1	Wilmington Recreation Center Project Site	\$12,255,000	77	Gulf Avenue & D Street	\$2,350,000	\$21,405,000
			56	Neptune Avenue & G Street SD	\$3,450,000	
			53	D Street & Neptune Avenue	\$3,350,000	
DC-2	Harbor City Project Site	\$71,994,000				\$71,994,000
DC-3	Averill Park Project Site	\$21,568,000				\$21,568,000
MDR-1	Via Dolce Park	\$185,385	516	Speedway Water Quality and Drainage	\$6,470,000	\$6,655,385
MDR-2	Canal Park	\$341,429				\$341,429
MDR-3	Triangle Park	\$69,526				\$69,526
MDR-4	Venice of America Centennial Park	\$432,720				\$432,720

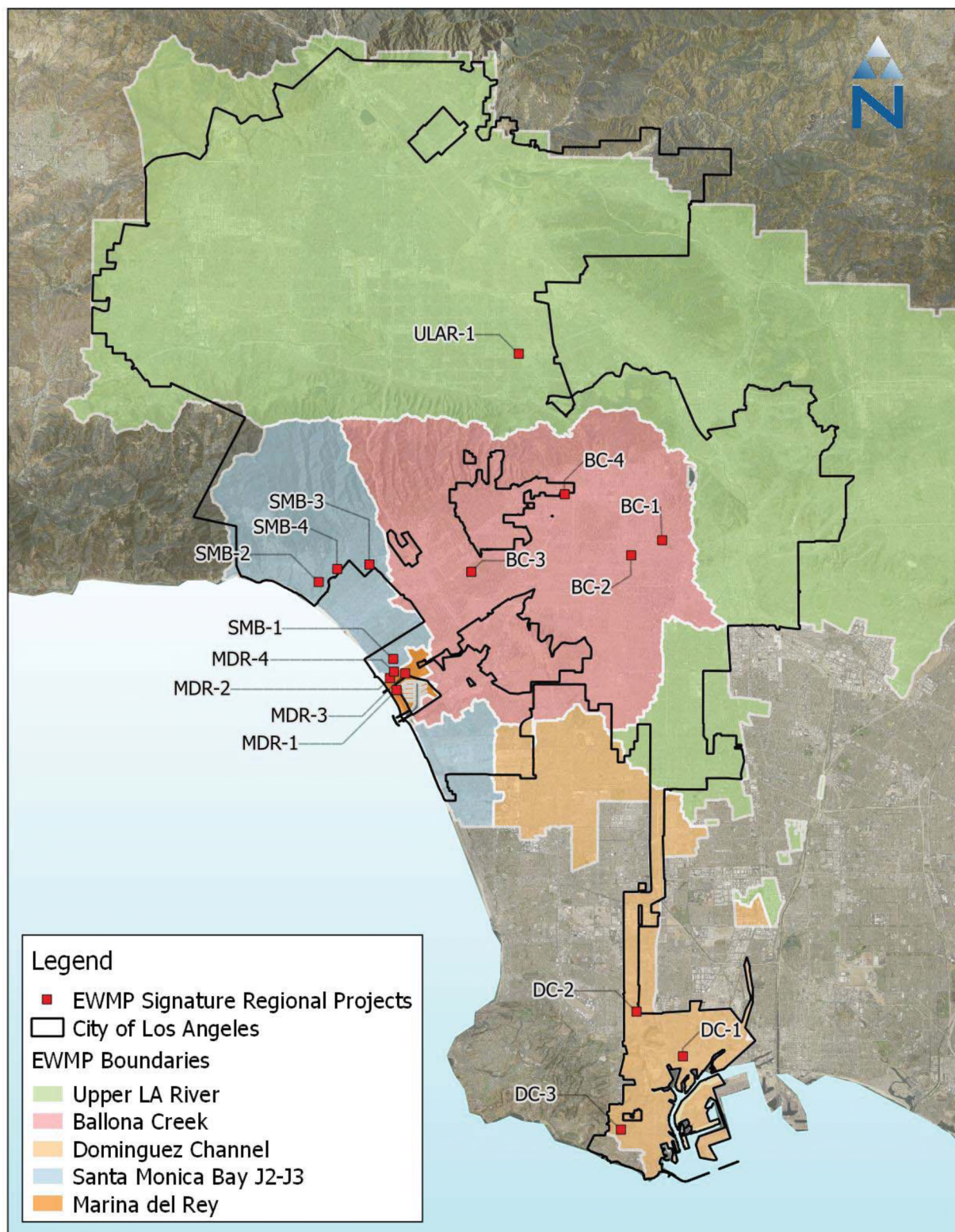


Figure 2-2. Signature EWMP Projects in City of Los Angeles.

2.3.2 Additional Regional EWMP Projects

The EWMPs¹ for ULAR, BC, and SMB identified several additional sites suitable for Regional Projects on publicly owned land, with preliminary estimates of types and sizes of facilities such as wetlands and detention/infiltration basins. These initial estimates of project attributes at each site were used for individual project cost estimates in the 5-year CIP. However, further assessment is required for verification of drainage areas and site characteristics to refine these cost estimates during conceptual planning phases of each project.

For the ULAR and BC, over one hundred locations for Regional Projects were proposed in the EWMPs. Based on these potential locations, the EWMPs identified the storage capacity required to meet schedule milestones. These capacities were used to prioritize the potential Regional Project sites within the BC and ULAR watersheds for the 5-year CIP (higher capacities for a subwatershed led to higher individual Regional Project priority in the CIP). Figure 2-3 show the capacities grouped by subwatersheds in BC and ULAR, which were translated as areas to be emphasized for Regional Project implementation to meet the next major milestone for each watershed.

The EWMPs included the individual Regional Project information within each subwatershed (Figure 2-3), but at the time of development of the 5-year CIP, specific locations (e.g., address, parcel ID) were only available for a subset of the Regional Projects included in the BC and ULAR EWMPs. Of these, four Regional Projects in the ULAR watershed were co-located within 1,000 feet of Storm Drain Projects for the 5-year CIP (Table 2-5). As the 5-year CIP is updated and refined, more Storm Drain Projects can be co-located with Regional Projects. For this 5-year CIP, the number of Storm Drain Projects co-located with Regional Projects was used to further prioritize Regional Projects (more Storm Drain Projects resulted in a higher priority).

Table 2-5. ULAR EWMP Regional Projects Co-located with Storm Drain Projects

CIP No.	ULAR EWMP Project		Co-located Storm Drain Project			Total CONS
	Project Title	CONS	No.	Project Title	CONS	
ULAR-11	Northeast Los Angeles EWMP Regional Project 1	\$11,563,908	5	Mission Road SD - Lincoln Park Ave to Thomas St	\$810,000	\$12,923,908
			23	Lambie Street SD	\$550,000	
ULAR-12	Southeast Los Angeles EWMP Project 1	\$1,052,063	17	McKinley Avenue SD - 103rd St to 108th St	\$2,910,000	\$3,962,063
ULAR-13	Sunland EWMP Regional Project 1	\$1,659,800	166	200-foot Esmt N/O Hillrose Btwn Irma & Plainview	\$130,000	\$1,789,800
ULAR-14	Sunland EWMP Regional Project 2	\$1,467,642	415	Fenwick Sable SD	\$360,000	\$1,827,642

Subwatershed average imperviousness (Figure 2-4) and infiltration rates (Figure 2-5) were also used to prioritize Regional Projects within each watershed. Higher imperviousness can be an indication of higher stormwater flows available for capture and treatment by the Regional Project. Higher infiltration rates can indicate greater potential function of the Regional Project. Both characteristics can inform the cost-effectiveness of the Regional Projects.

¹ Outside of the Signature Regional Projects for MDR previously discussed, no additional Regional Projects were included in the MDR EWMP.

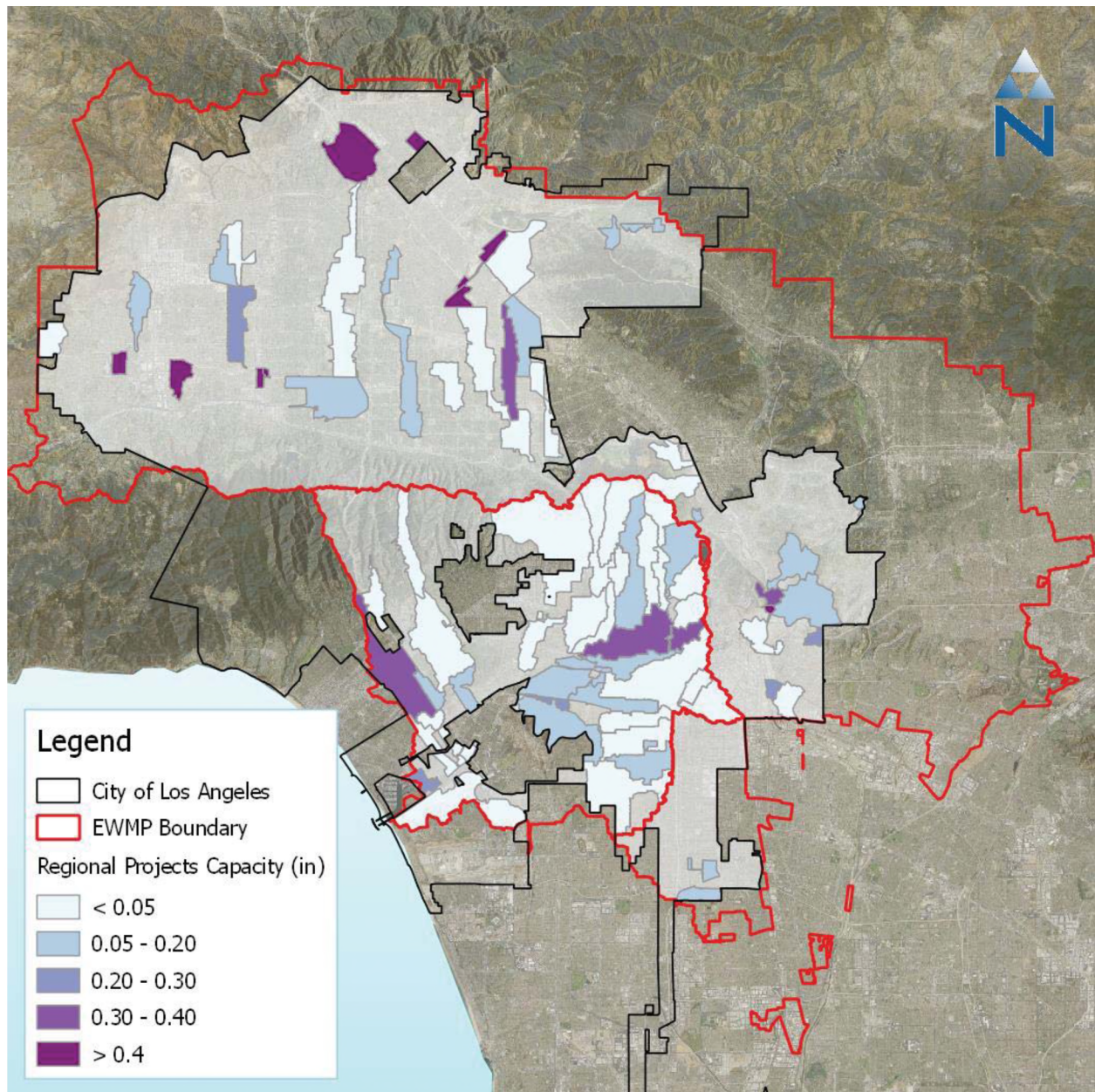


Figure 2-3. City of Los Angeles Regional Project Treatment Capacities to meet BC EWMP 2021 Milestone and ULAR EWMP 2024 Milestone.

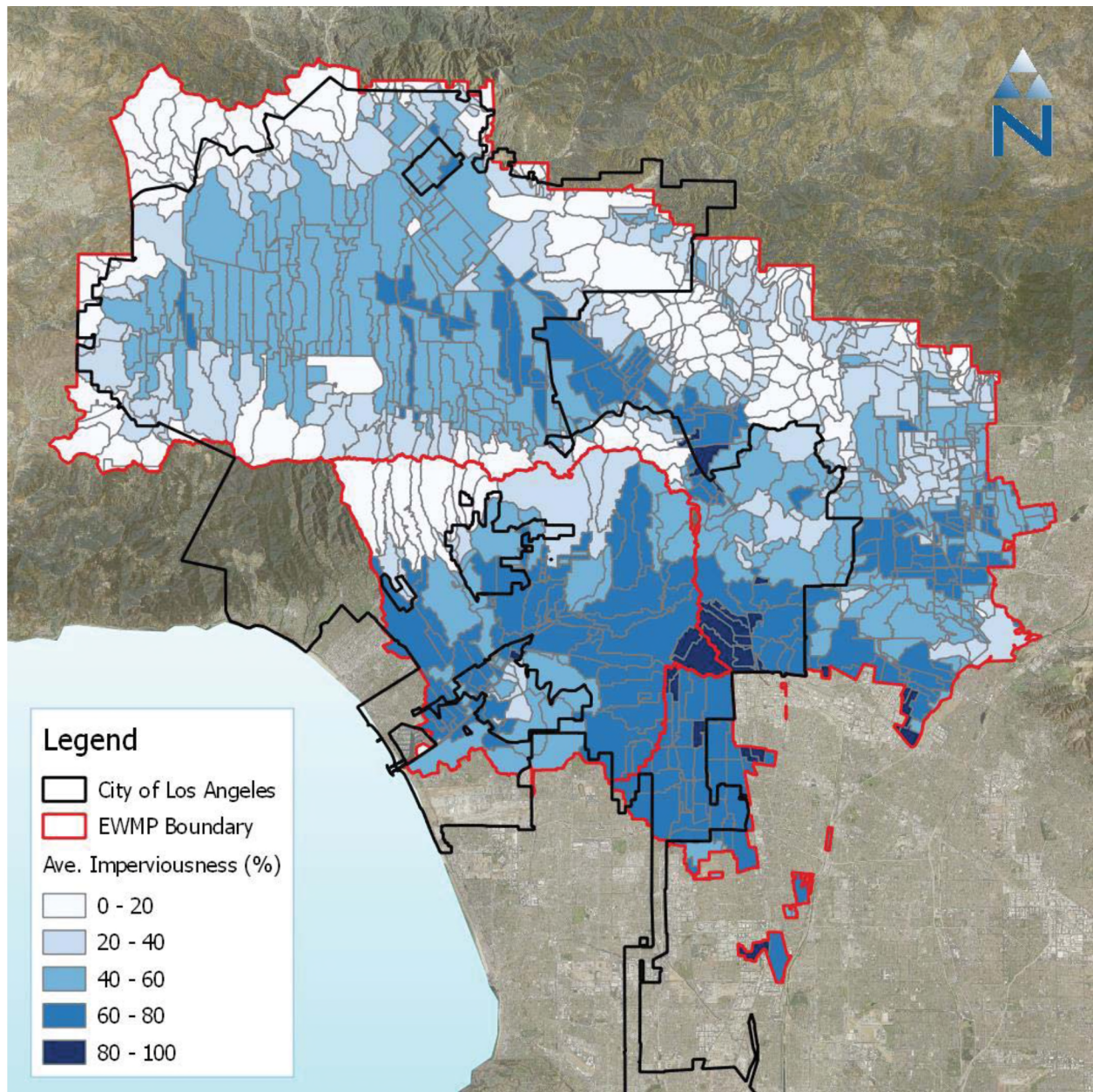


Figure 2-4. Imperviousness in BC and ULAR.

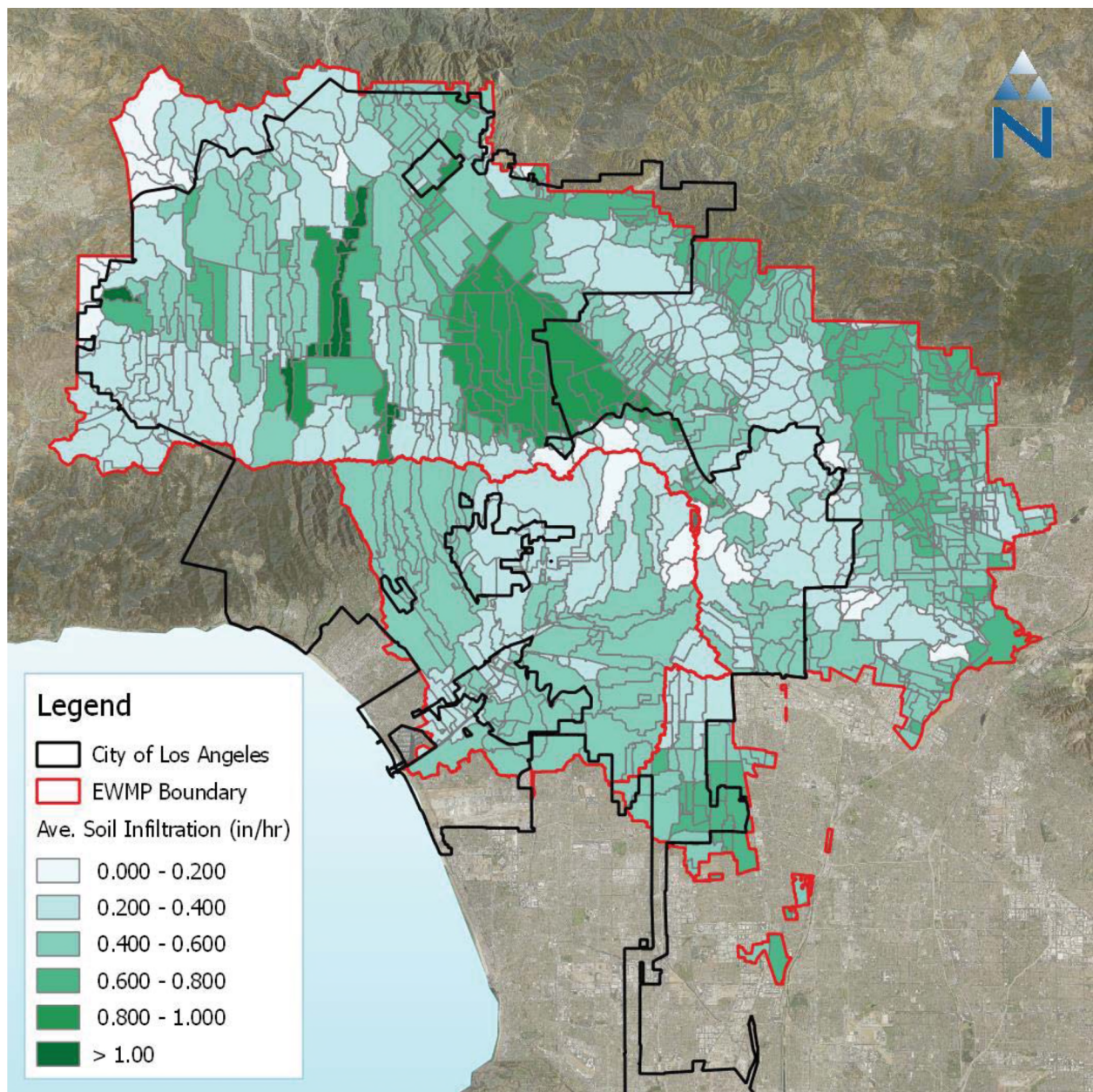


Figure 2-5. Infiltration Rates in BC and ULAR.

Using the information compiled for EWMP treatment capacities (Figure 2-3), number of co-located Storm Drain Projects (Table 2-5), and subwatershed imperviousness (Figure 2-4) and infiltration rates (Figure 2-5), a ranking system was developed for Regional Project prioritization within each watershed. Within the BC and ULAR watersheds, Regional Projects scores were developed using the metrics and associated weighting factors in Table 2-6. Resulting scores for each metric were then added to result in total scores used to prioritize Regional Projects within each watershed (higher score results in higher prioritization).

Table 2-6. Prioritization Process for EWMP Regional Projects within ULAR and BC

Metric				Weighting Factor	Resulting Score Ranges for ULAR	Resulting Score Ranges for BC
Subwatershed	Average	Percent	(%)	1	6.3 – 77.8	12.7 – 90.7
Imperviousness						
Subwatershed Infiltration Rate (in/hr)				100	14.2 – 90.0	14.10 – 57.7
Rank of Subwatershed Treatment Capacity within Each Watershed				4	4 - 228	4 - 396
Rank of Number of Co-located Storm Drain Projects within ULAR				4	4 – 224	n/a
Total Score Ranges					28.6 – 522.5	74.4 – 514.5

For the SMB EWMP, seven additional Regional Projects were proposed to meet the 2021 major milestone. Figure 2-6 shows the locations of the Regional Projects and Table 2-7 listed the estimated CONS for each project.² Because the 2021 EWMP milestone for SMB will result in final compliance with the Bacteria TMDL, all seven Regional Projects were selected for the 5-year CIP and no prioritization of the projects was required.

Table 2-7. EWMP Regional Projects within SMB

CIP No.	Project Title	CONS
SMB-6	Santa Ynez Canyon BMP Project	\$2,060,000
SMB-8	Penmar Recreation Center	\$6,002,514
SMB-9	Westchester Recreation Center	\$13,324,479
SMB-10	Temescal Canyon Park	\$3,893,518
SMB-11	2-2 Parking Lot	\$2,164,351
SMB-12	Mandeville	\$2,206,324
SMB-14	Westchester LAX	\$12,978,387

² Note that the Riviera Barranca Regional Project was omitted from this 5-year CIP due to the inability to develop cost estimates for the bioswale without more-detailed site information.

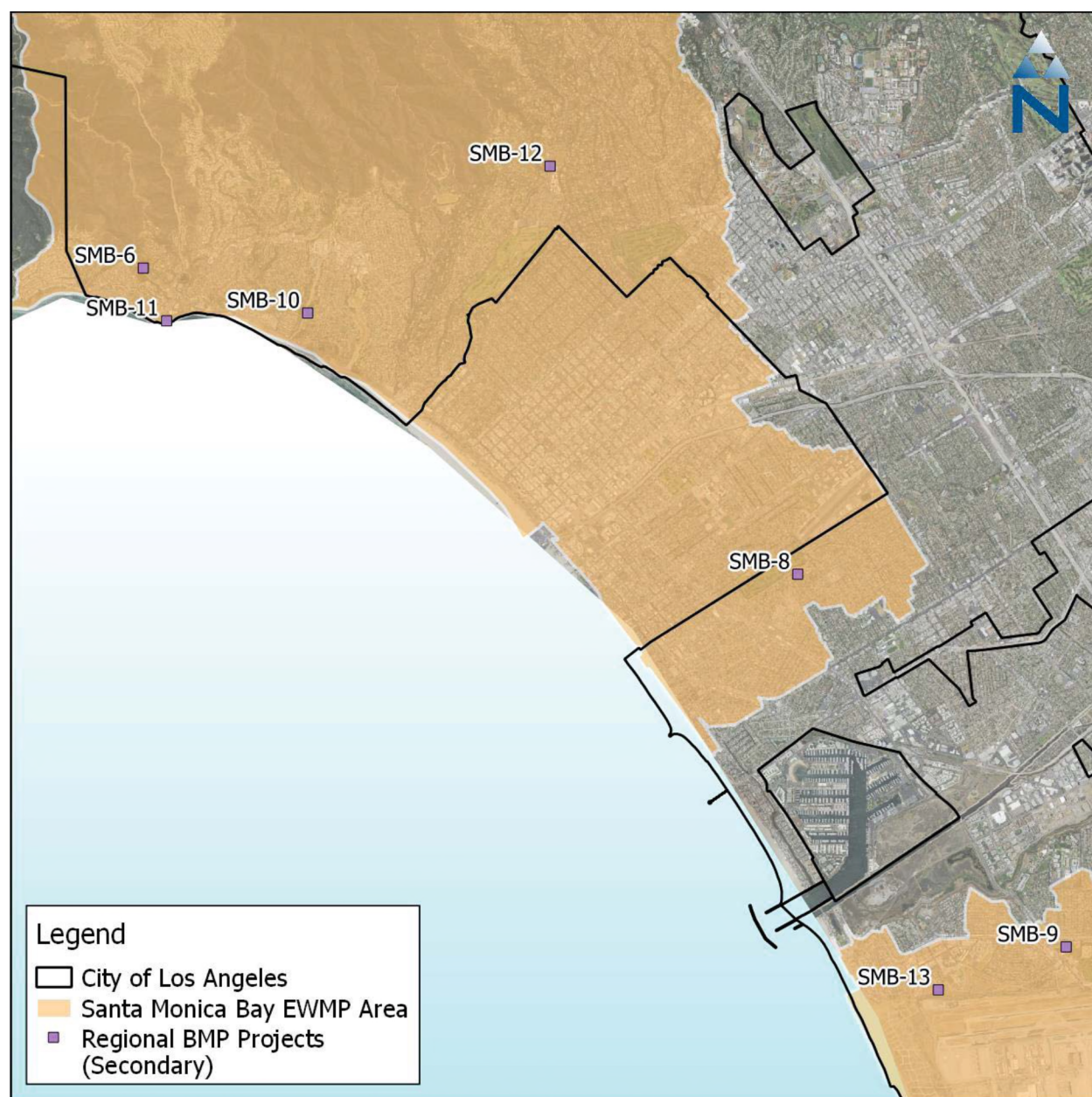


Figure 2-6. SMB EWMP City of Los Angeles Regional Project Locations.

2.3.3 Green Street Projects

Several Green Streets are proposed throughout each watershed, which were summarized differently for the various EWMPs. For the ULAR and BC EWMPs, treatment capacities to meet major milestones are shown in Figure 2-7. Several Green Streets are proposed in the SMB and DC EWMPs to meet major milestones, with potential locations to be selected from those shown in Figure 2-8 and Figure 2-9. For the MDR EWMP, a specific project is planned for the Venice Blvd. Neighborhood Green Streets (Figure 2-10), which includes several streets identified as feasible for green street retrofits within the project areas. However, significant additional green streets are proposed in the MDR EWMP to meet its major milestone, with specific streets yet to be identified and dependent upon future field reconnaissance and consideration of high groundwater levels and other impediments to retrofits.

For those planned Storm Drain Projects in each watershed not co-located with Signature EWMP Projects and Regional Projects, a single 200-foot Green Street was co-located for the 5-year CIP. The prioritization of the Green Street projects within each watershed was based on the prioritization of the Storm Drain Projects, listed in increasing prioritized order in Appendix A.

For BC, SMB, and MDR, there were not enough Storm Drain Projects identified to co-locate with Green Streets to meet major EWMP milestones. For these watersheds, additional projects were identified for the 5-year CIP that include estimated miles of Green Streets and associated combined costs, with specific streets to be determined and based on further assessment of streets and feasible strategies for construction of large-scale green street retrofit projects. For example, 5 miles of green streets are planned within the Koreatown-Westlake community within BC, which is combined into a single project in the CIP (project BC-243). Within the planning and design phases of the project, the location of these 5 miles of streets to be retrofitted will be strategized to produce the most cost-effective construction plans that consider such factors as condition of the streets, relative location of the streets to minimize community disturbance and number of required construction crews, and areas of higher infiltration to maximize stormwater capture.

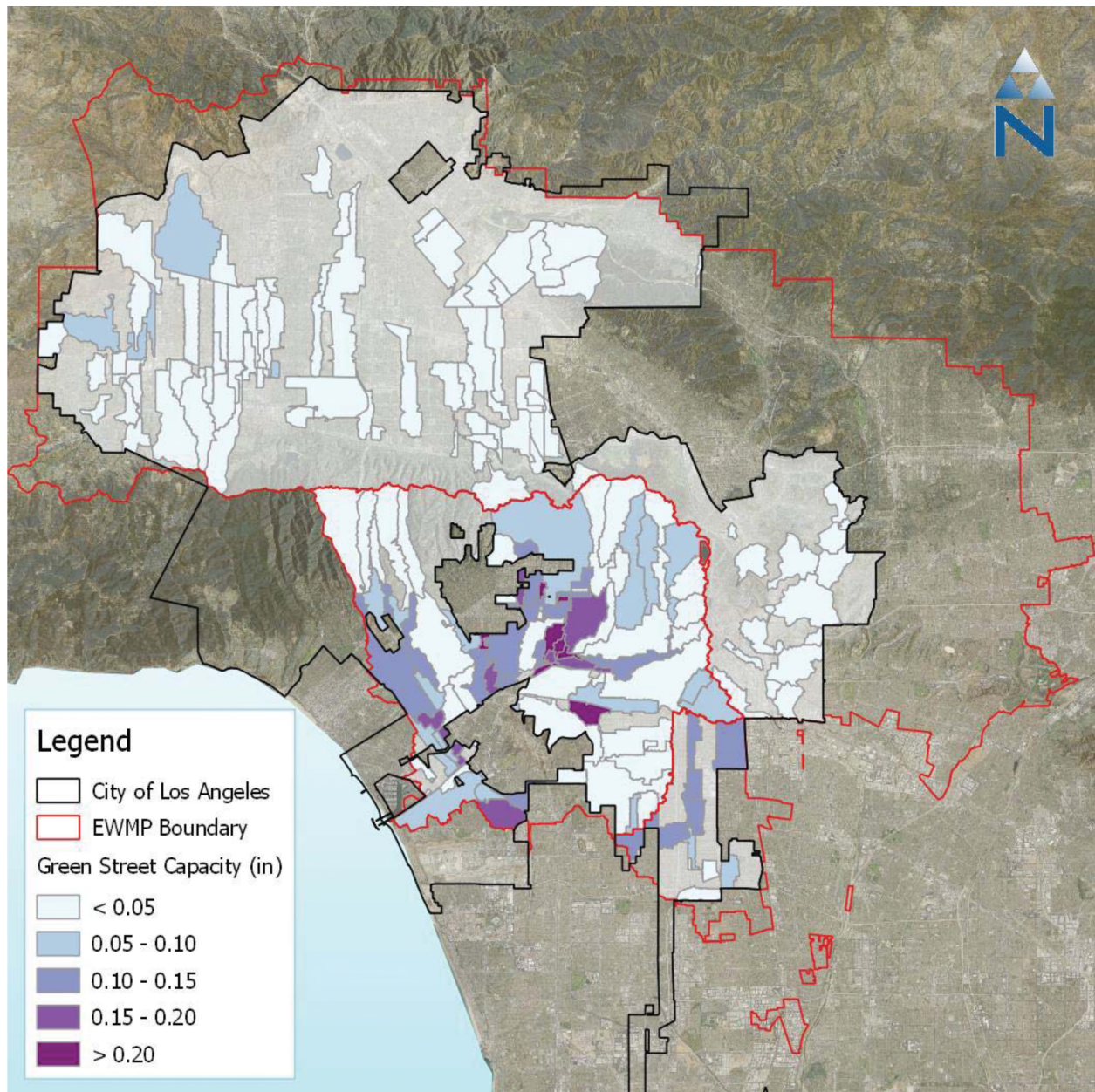


Figure 2-7. Green Street Treatment Capacities to meet BC EWMP 2021 Milestone, and ULAR EWMP 2024 Milestone.

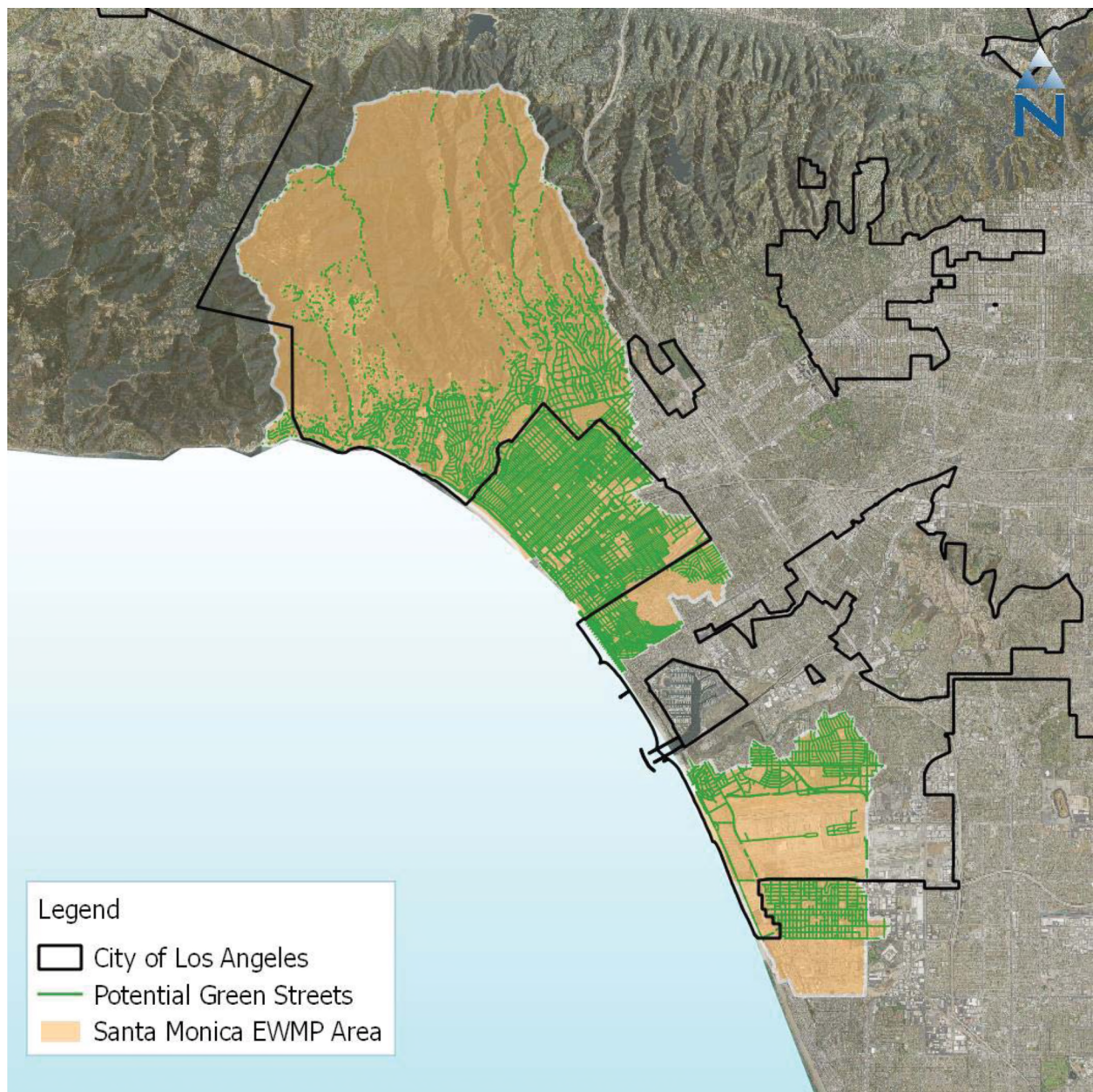


Figure 2-8. Proposed Locations of Green Streets in the SMB EWMP.

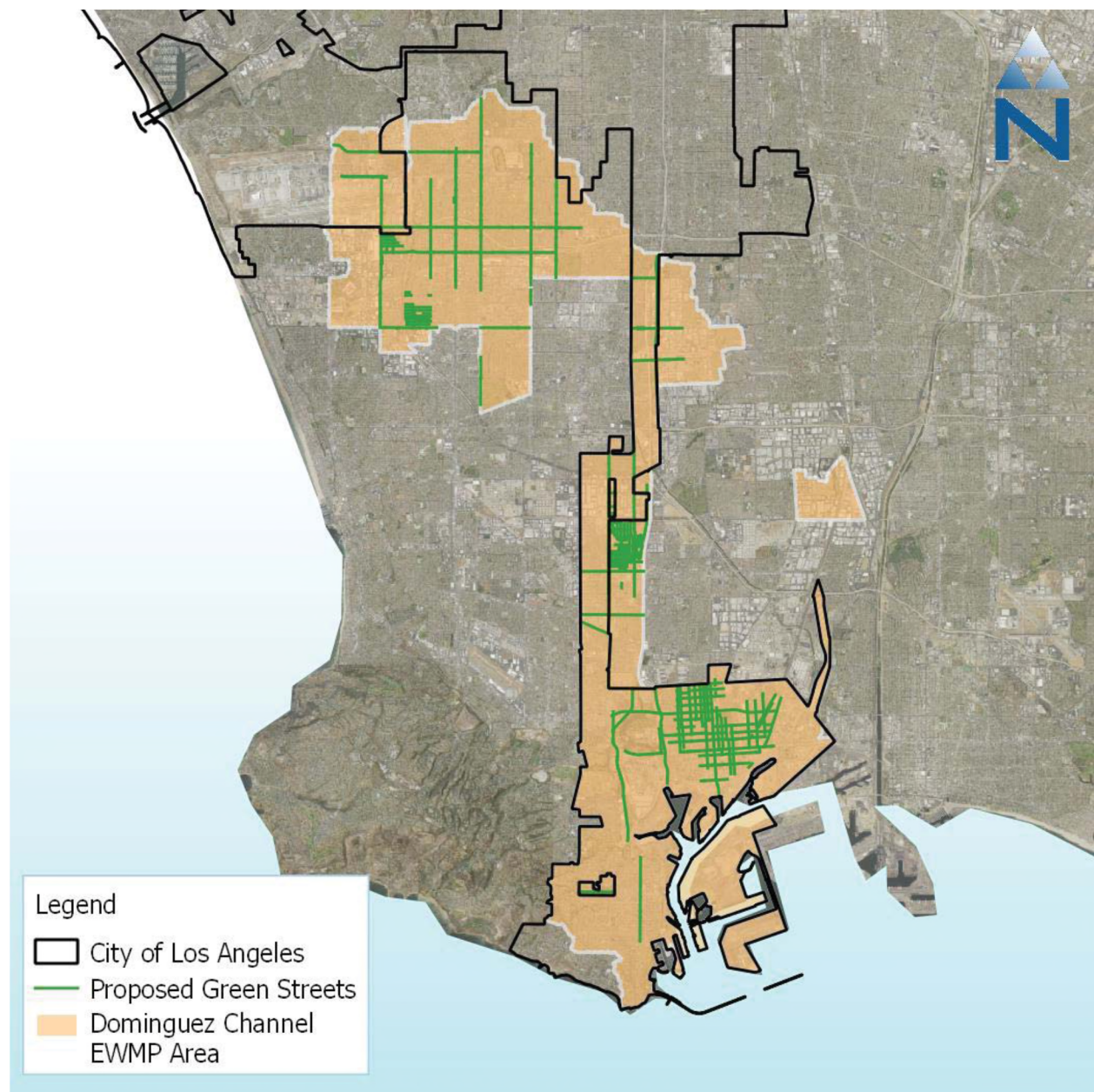


Figure 2-9. Proposed Locations of Green Streets in the DC EWMP.

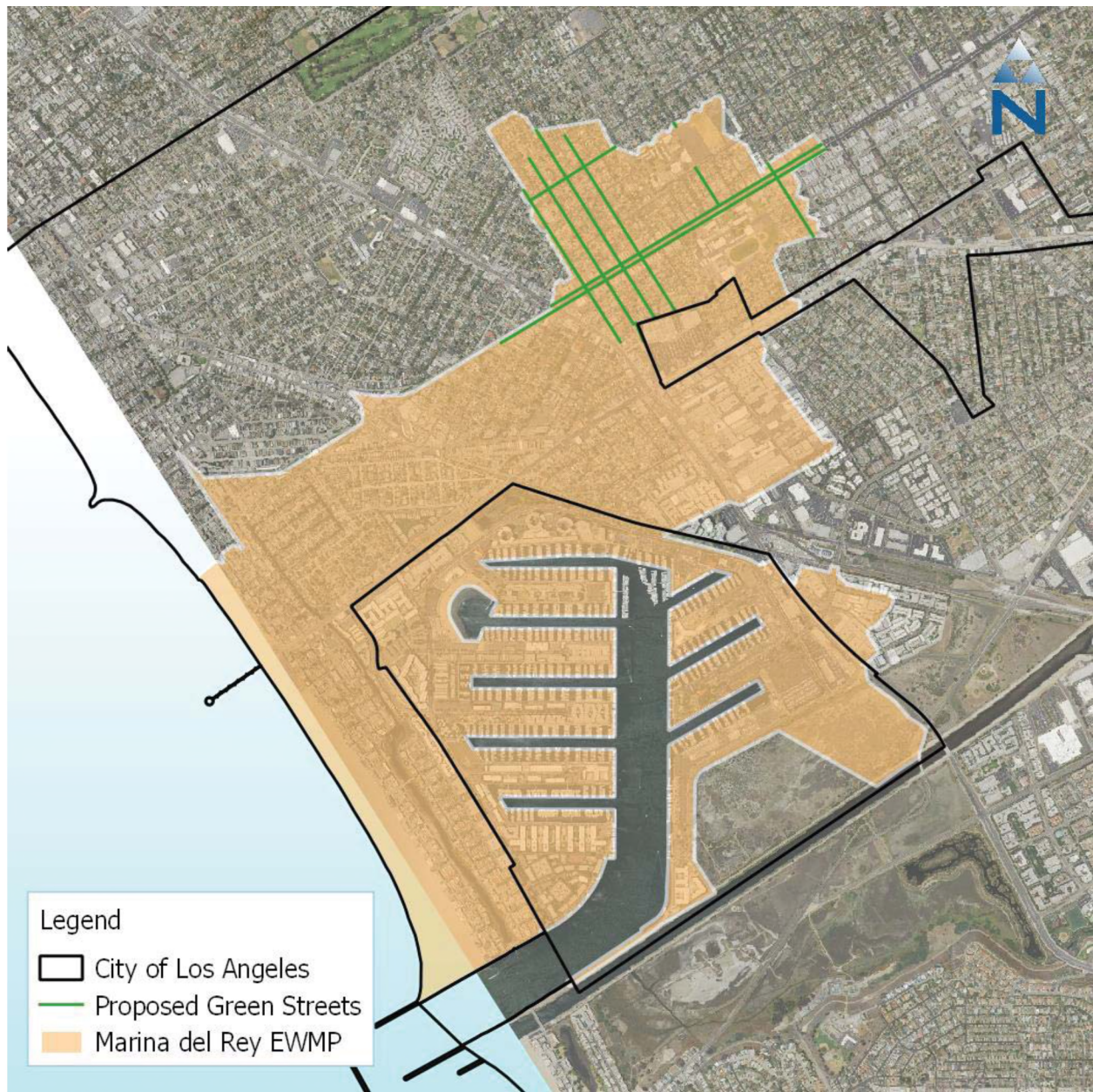


Figure 2-10. Proposed Locations of Green Streets in the MDR EWMP for the Venice Blvd. Neighborhood Green Streets Project.

3 OTHER CURRENTLY PLANNED PROJECTS

Parallel to TSO, LRS, and EWMP planning efforts, the City has also developed plans for various other projects in each watershed (Table 3-1). For most of these projects, concept plans are prepared and are ready for design. Each project addresses specific water quality issues and leverages site opportunities within each watershed. These projects will ultimately contribute to meeting EWMP milestones. As a result, these projects were categorized as an additional subcategory of EWMP projects for the CIP.

Table 3-1. Other Currently Planned Projects

CIP No.	Project Title	CONS
BC-5	Westwood Neighborhood Greenway Project	\$2,266,000
BC-6	Del Rey Lagoon Water Quality Improvement Project	\$1,052,432
BC-7	Vermont Square Park Stormwater Treatment and Infiltration Project	\$1,542,400
BC-8	National Boulevard Runoff Treatment Project	\$10,300,000
BC-9	Manchester Neighborhood Greenway Project	\$569,574
BC-10	Occidental Blvd Green Street Greening	\$4,000,000
ULAR-2	Chase St. Priority Greenway + Bull Creek Park	\$2,241,000
ULAR-3	Sheldon St. Priority Greenway	\$4,300,000
ULAR-4	Upgrades to Pump Plant 621 and Associated Stormwater Treatment Opportunities	\$2,802,660
ULAR-5	Upgrades to Pump Plant 622 and Associated Stormwater Treatment Opportunities	\$2,910,030
ULAR-6	Aliso Creek – Limekiln Creek Restoration	\$7,500,000
ULAR-7	Boyle Heights Joint Use Community Center	\$2,057,664
ULAR-8	Burwood & Figueroa Stormwater Capture Greenway	\$3,649,635
ULAR-9	Hooper Ave Greenway Alley	\$3,649,635
ULAR-10	San Fernando Rd from Elm St to Eagle Rock Blvd	\$3,000,000
SMB-5	Santa Monica Bay Low Flow Diversion Enhancement Project	\$2,200,000
SMB-7	Upgrades to Pump Plant 647 and Associated Stormwater Treatment Opportunities	\$566,000
SMB-15	Argo Drain Sub-basin Facility	\$30,800,000
SMB-16	Oakwood Ave Green Alley	\$3,649,635
SMB-17	Penmar Water Quality Improvements (Phase II)	\$2,275,000
SMB-18	Temescal Canyon Park Stormwater BMP (Phase II)	\$2,467,500
MDR-5	Marina del Rey Tree Wells Project	\$1,047,185

4 CIP PROJECT SELECTION AND SCHEDULING

Based on individual project type and estimated CONS costs, additional costs for project planning, design, and construction management were estimated to determine a total project cost. Table 4-1 presents the estimated cost of each phase expressed as a percentage of CONS cost. Total project costs were calculated by adding the additional costs for each phase to the CONS costs for each project.

Table 4-1. Project cost distribution by project phase

Project Phase	Percent of CONS
City Planning/Design (FAP)	8.00%
Consultant Planning/Design (CTP)	12.00%
Right-of-Way (R/W)	0.00%
Construction (CONS)	100.00%
City Construction Management (FACM)	4.25%
Consultant Construction Management (CTCM)	12.75%
Total Project Cost	137.00%

Based on costs for project phases, standard schedules were developed based on the type and size of each project. These schedules determined the percentage of each project phase occurring within each FY (FY) following project initiation (Table 4-2). For several projects in the CIP, the CONS/FACM/CTCM phases were delayed to provide distribution of costs throughout the FYs and a balance of projects constructed each year.

Table 4-2. Scheduling of Project Phases

Project Type	Phase	FY 1	FY 2	FY 3
Green Streets (under \$1M CONS)	FAP	100.0%		
	CTP	100.0%		
	R/W			
	CONS		100.0%	
	FACM	25.0%	75.0%	
	CTCM	25.0%	75.0%	
Green Streets (over \$1M CONS) and Regional Projects	FAP	100.0%		
	CTP	50.0%	50.0%	
	R/W			
	CONS		25.0%	75.0%
	FACM		33.0%	67.0%
	CTCM		33.0%	67.0%

A general process was developed for selection and sequencing of projects and associated schedules for each FY. All TSO and LRS projects received the highest rank and were selected for the 5-year CIP, and scheduled to begin FY 18/19 with completion by FY 19/20. EWMP projects included additional considerations for project selection and sequencing, as summarized below:

- Implementation of projects within individual watersheds focused on providing a general distribution of spending across watersheds consistent with total capital costs estimated for each EWMP in Table 2-3, as well as progress towards attainment of pollutant reduction goals corresponding to each watershed's major milestone (further discussed in Section 5).
- The sequencing rank (Table 4-3) was utilized to the extent possible for project selection, however project sequencing for each watershed also depended on individual project schedules and costs to maximize progress towards meeting major milestones. For example, since CONS of many projects cannot be completed before FY 20/21 due to their project type (Table 4-2), several Green Streets (under \$1M) were scheduled to begin in FY 19/20 with completion in FY 20/21.
- Projects were distributed across City Council Districts to the extent possible.
- FAP and CTP for many projects were scheduled to occur in FY 18/19 and FY 19/20 to maximize spending in those years, while providing designs ready for CONS throughout the remainder of the 5 years.

Table 4-3. General Sequencing Process for Project Selection for the 5-Year CIP

Project Type		Sequencing Rank	Scheduling
TSO		1	Projects begin FY 18/19 with completion by FY 19/20
LRS		1	Projects begin FY 18/19 with completion by FY 19/20 (Segment B) or FY 20/21 (Arroyo Seco)
EWMP	Signature EWMP Projects	2	Project schedules distributed throughout 5 years with additional consideration to project costs, EWMP milestones, Council Districts, and maximizing projects within FY budgets.
	Other Currently Planned Projects	3	
	Regional EWMP Projects (ULAR & BC)	4	
	Green Streets co-located with Storm Drain Projects	4	
	Green Streets not co-located with Storm Drain Projects	5	

The resulting 5-year CIP is summarized in Appendix B. For each project listed, individual project summary sheets are provided in Appendix C. Due to sequencing of projects, some projects extend beyond the 5 years included in this CIP. For example, a project with design beginning in FY 2020/2021 can have a final date for completion within FY 2023/2024, outside this CIP schedule. For those projects that extend beyond the 5-year CIP period, individual project summary sheets in Appendix C include schedules that begin during the FY the project is initiated and extend a full 5 years.

5 PROGRESS TOWARDS ACHIEVING EWMP MILESTONES

The overarching goal of the 5-year CIP is to maximize progress towards attainment of TMDL wasteload allocations, receiving water limitations, and MS4 Permit requirements which include meeting major EWMP milestones within each of the five watersheds. Achieving this goal required balancing projects among watersheds to be on track with schedule milestones specific to each watershed. The EWMP schedule milestones for pollutant reductions were consistent with schedules for interim and final reductions required by TMDLs. Table 5-1 summarizes the first major milestone for each watershed and associated percentages of attainment of TMDLs for various pollutants, with BC, SMB, and MDR highlighted to emphasize the final milestones for 100% attainment of TMDLs occurring in 2021. These are the most critical milestones facing the City. ULAR and DC have longer TMDL compliance schedules with the first major milestones in 2024 and 2026, respectively, serving as interim milestones associated with 50% attainment of TMDLs. As a result, the 5-year CIP emphasized achieving 100% compliance for the BC, SMB, and MDR watersheds with project implementation to meet their final milestones. Projects planned for ULAR and DC ensure that those watersheds are on track with attainment of longer-term final milestones with some progress towards the required implementation and additional projects entering the design phase during years three, four, and five of the CIP.

Each EWMP included modeling, referred to as the Reasonable Assurance Analysis (RAA), to quantify the types, sizes, and locations of projects needed to provide the necessary reduction of stormwater runoff and associated pollutant loads to attain TMDL wasteload allocations and receiving water limits. Although there were different technical approaches used in some of the RAAs, the EWMPs reported the outcomes of the RAAs using similar quantitative metrics expressed as *stormwater volumes managed* or *treatment capacities* of each project. Stormwater volumes managed refers to the amount of stormwater over a specific period (e.g., critical storm or annual volume) that the project can retain, infiltrate, or treat. Treatment capacities refer to the physical volume of the project itself, which stormwater volumes will route through or be subject to infiltration or treatment processes. Examples of treatment capacities include the physical volume (surface area multiplied by depth) within a regional detention basin or within linear bioretention in the rights-of-way of green streets.

The quantification and tracking of the progress towards meeting the next major milestones within each watershed was an important consideration during the 5-year CIP planning process. Although the RAAs differed in modeling approaches and critical storms or volumes modeled, remodeling under a common framework was not determined necessary for the 5-year CIP to quantify city-wide progress towards meeting EWMP milestones. Instead, the treatment capacities reported by each EWMP were used as a surrogate for determining progress. For example, 650.8³ acre-feet of total treatment capacity was determined by the ULAR EWMP to result in achievement of 50% compliance with the bacteria TMDL, representing the combined physical volumes of structural components from various Signature Projects, Regional Projects, and Green Streets. With the 5-year CIP achieving implementation of projects equating to 623.0 acre-feet of treatment capacity, this results in 48% attainment of the final milestone ($623.0/650.8 \times 50\% = 48\%$). Table 5-1 lists the total treatment capacities required to meet the first major milestone for each watershed, the treatment capacities associated with projects in the 5-year CIP, and the percent of progress made by the 5-year CIP for attainment of TMDLs and receiving water limits within each watershed.

³ Does not include treatment capacity anticipated to result from the LID ordinance or other programs to incentivize LID on privately-owned lands.

Table 5-1. 5-Year CIP Progress Towards Meeting Major EWMP Milestones

Watershed	Major Milestones and Percent Attainment of TMDLs				Total Required Treatment Capacity at Milestone (acre-ft)	5-Year CIP Attainment of TMDLs	
	Year	Type Milestone	Pollutant	% Attainment		BMP Treatment Capacity (acre-ft)	% Attainment
ULAR	2024	Interim	Metals / Bacteria	50%	650.8 ¹	623.0	48%
BC	2021	Final	Metals / Bacteria	100%	1,581.0 ¹	1,581.0	100%
SMB	2021	Final	Bacteria	100%	195.7	195.7	100%
DC	2026	Interim	Metals / Bacteria	50%	85.15	35.5	21%
MDR	2021	Final	Toxics / Bacteria	100%	n/a ²	n/a ²	100%

¹ Does not include treatment capacity anticipated to result from the LID ordinance or other programs to incentivize LID on privately-owned lands.

² Treatment capacities were not quantified for MDR as the 5-year CIP includes all projects identified in the MDR EWMP and demonstrated in its associated RAA to meet TMDLs.

Figure 5-1 shows a timeline of treatment capacities achieved by each of the watershed groups across fiscal years. Figure 5-2 shows a timeline of the total project costs for each watershed group across fiscal years. Figure 5-3 depicts the treatment capacities for each EWMP subwatershed that is achieved by the 5-year CIP. Treatment capacities are represented in inches (treatment capacity volume per subwatershed area).

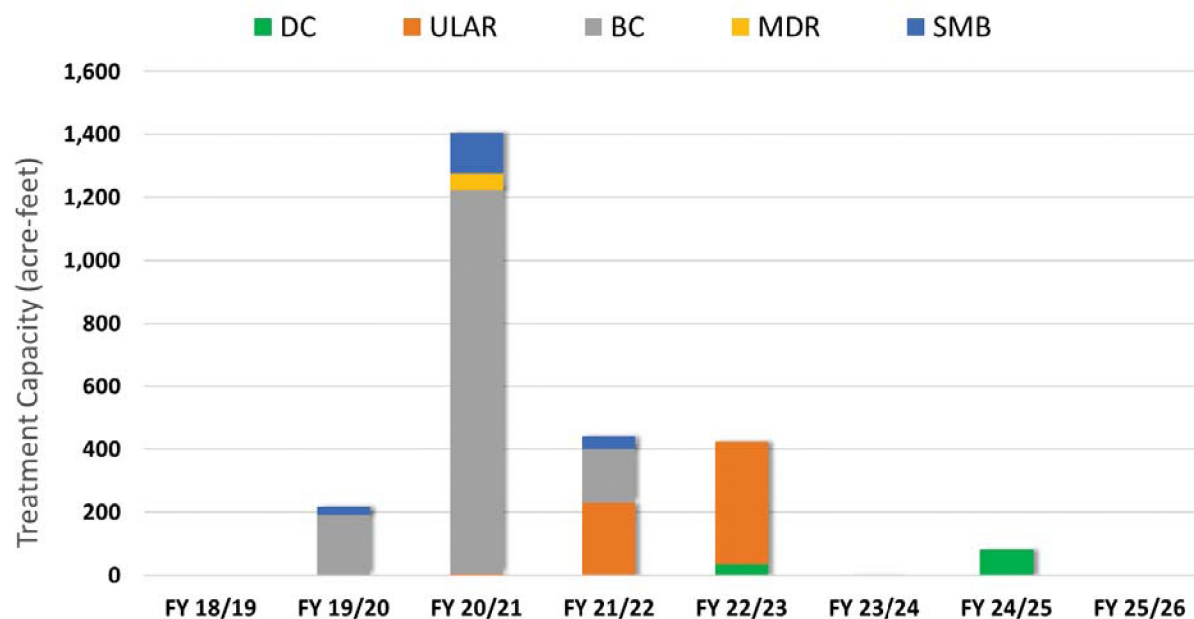


Figure 5-1. Treatment Capacity Schedule by Watershed Group

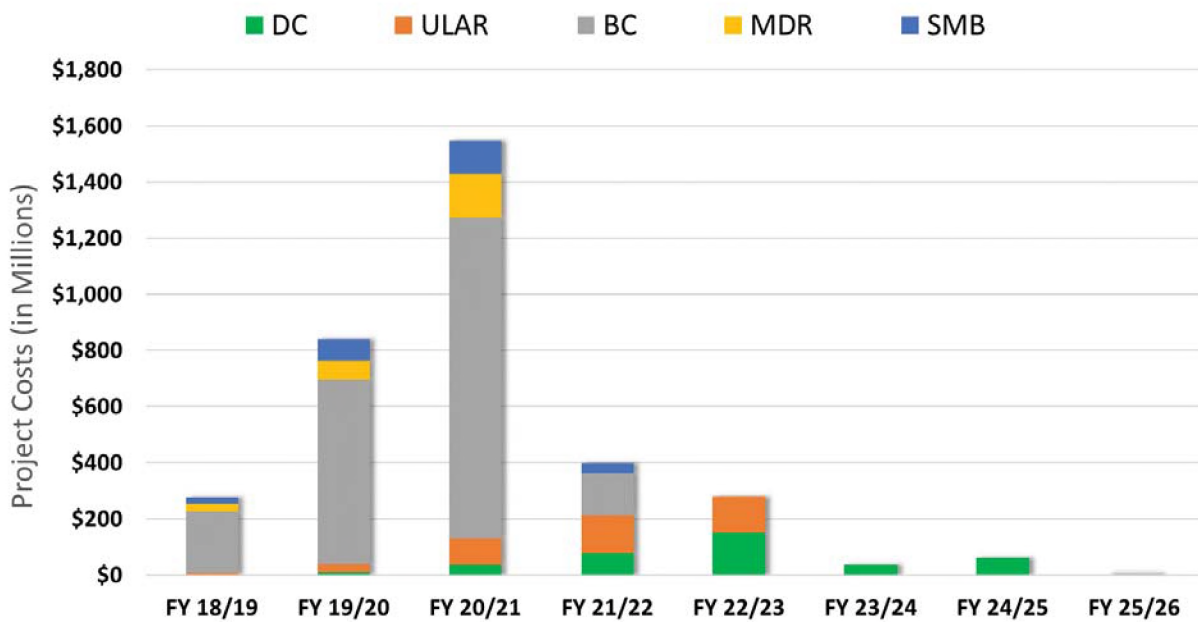


Figure 5-2. Total Project Cost Schedule by Watershed Group

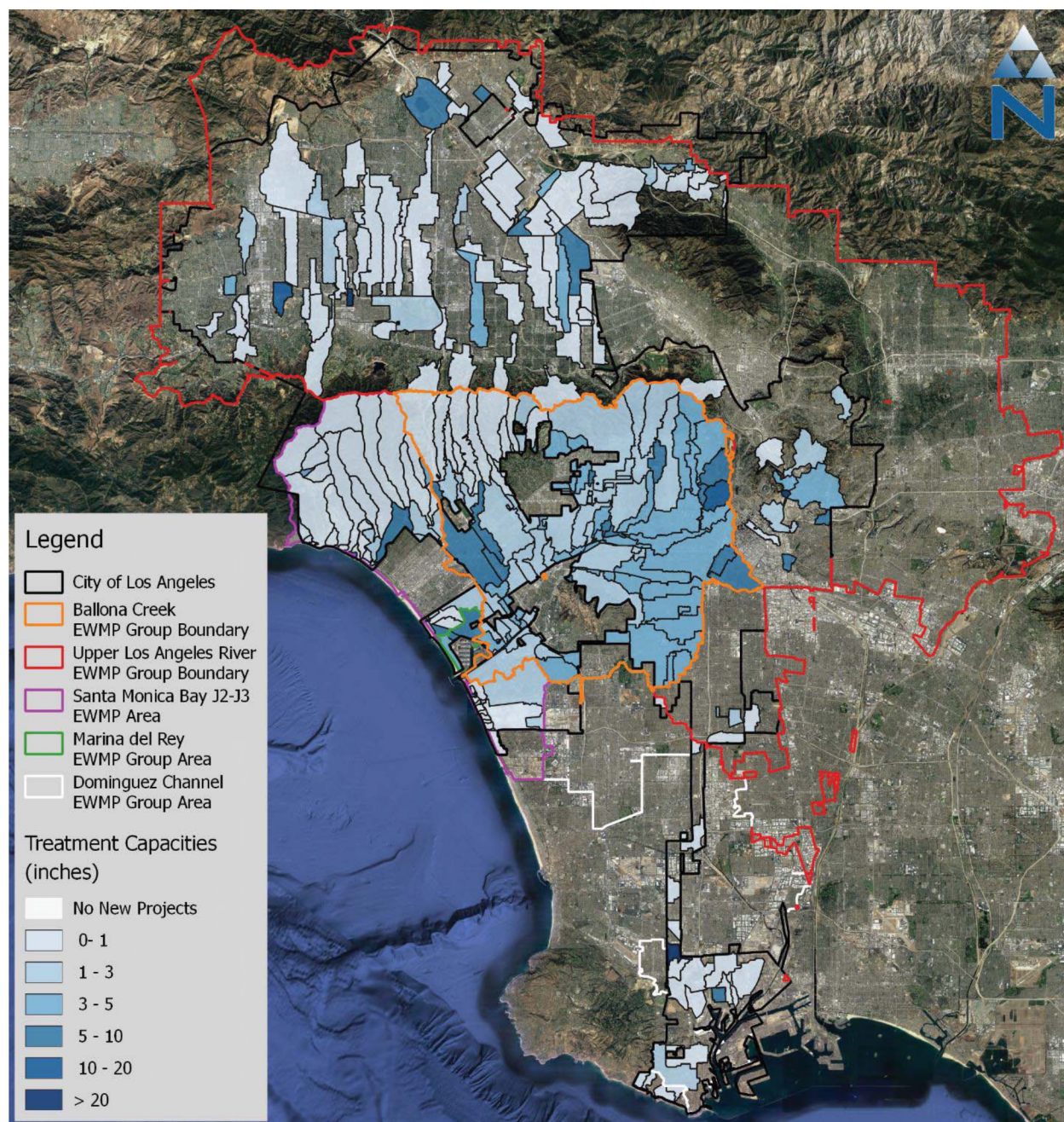


Figure 5-3. Treatment Capacities by Subwatershed Achieved by the 5-yr CIP

The following are key discussions regarding decisions made for project selection within each watershed to meet the first major milestones.

Upper Los Angeles River – As discussed, the 2024 major milestone of 50% attainment of metals and bacteria is based on an interim target for the metals TMDL. Final milestones for the ULAR include 100% attainment of the metals TMDL in 2028 and the bacteria TMDL in 2037. With additional time for implementation of projects to meet milestones beyond the five years of the CIP, the goal of the 5-year CIP was to make meaningful progress towards construction of projects within ULAR while beginning designs of several additional projects for construction after the 5-year CIP is complete.

These projects include several Signature Projects, Regional Projects, and Green Streets co-located with planned Storm Drain Projects. The result is the 5-year CIP achieving 48% attainment of the bacteria and metals TMDLs within ULAR. Note that LRS projects are also within ULAR, which will provide 100% attainment of bacteria TMDLs for dry weather.

Ballona Creek – With final compliance of metals and bacteria TMDLs in 2021, BC has the most challenging milestone to meet given the size of the watershed and the number of projects to design and construct. All Signature Projects and Regional Projects identified in the BC EWMP are scheduled for construction within the 5-year CIP, in addition to several currently planned projects in the watershed. However, as demonstrated in the EWMP, a significant number of Green Streets and Regional Projects on acquired private land are needed to achieve the pollutant reductions required by the final milestone. No Regional Projects on private land were included within this 5-year CIP. Several Green Streets were identified for co-location with planned Storm Drain Projects, but these fell short of the number of Green Streets identified by the EWMP to meet the milestone. The 5-year CIP includes 398 miles of Green Streets to be distributed throughout the watershed, which represents 100% of the total number of Green Streets required to meet the milestone. The resulting combination of the projects in the 5-year CIP is 100% attainment of the metals and bacteria TMDL. Note that TSO projects are also within BC, which will provide 100% attainment of bacteria TMDLs for dry weather.

Santa Monica Bay – The 5-year CIP achieves full attainment of the bacteria TMDL in 2021. The CIP includes all Signature Projects and Regional Projects identified in the SMB EWMP, in addition to several currently planned projects and Green Streets co-located with planned Storm Drain Projects. A total of 73 miles of Green Streets in SMB are included in the 5-year CIP, which represents 100% of the total amount of Green Streets identified by the EWMP to meet the 2021 milestone. The resulting combination of projects provides 100% attainment of the bacteria TMDL.

Dominguez Channel – Although the metals TMDL does not require interim reductions prior to the final TMDL milestone of 2032, the EWMP does include a 50% reduction by 2026. As such, the 50% reduction at the major milestone of 2026 will not address TMDL requirements, and the 2032 final TMDL milestone represents the only true critical date for attainment of the TMDL. Therefore, projects planned for construction within DC were focused on currently planned projects and Green Streets to provide community demonstration projects within the watershed, with significant effort preparing project designs for construction after the 5-year CIP is complete. All Signature Projects and Green Streets that could be co-located with Storm Drain Projects have designs beginning or completed within the 5-year CIP. As almost all these projects will not be completed with the 5 years, the 5-year CIP shows minimal progress for attainment of the metals TMDL. This was to ensure that investments could be focused in the other watersheds with critical final milestones for 100% attainment of TMDLs; However, with completion of the 5-year CIP and significant progress made in other watersheds, future efforts will focus on construction of projects within the DC watershed.

Marina del Rey – Representing the smallest watershed of all the EWMPs facing the City, the 5-year CIP includes all projects identified in the MDR EWMP to meet the 2021 final milestones for toxics and bacteria TMDLs, as well as one currently planned project. This includes Signature Projects and several Green Streets to achieve the necessary pollutant reductions. The RAA of the EWMP demonstrated that these projects would result in 100% attainment of the TMDLs.

City of Los Angeles Stormwater and Green Infrastructure 5-Year Capital Improvement Plan

Appendix A - Planned Storm Drain Projects



CITY OF LOS ANGELES. BUREAU OF SANITATION
WATERSHED PROTECTION DIVISION

Potential Storm Drain Projects List

Sequential #	Project ID	Project Name	Estimated Construction Cost
1	3	Warwick Avenue SD - Unit 2	\$1,870,000
2	5	Mission Road SD - Lincoln Park Ave to Thomas St	\$810,000
3	7	Saint Louis Street & 1st Street SD	\$740,000
4	8	Esperanza Street SD - Siskiyou St to Atlantic St	\$450,000
5	10	Melrose Avenue - Normandie Avenue SD	\$880,000
6	11	18th Street & San Pedro Street	\$760,000
7	13	Vermont Avenue & 81st Street SD	\$610,000
8	14	Hudson Avenue & Willoughby Avenue SD	\$3,060,000
9	15	Dorris Place SD	\$1,340,000
10	16	Dunsmuir Avenue SD - San Vicente Blvd to Packard	\$370,000
11	17	McKinley Avenue SD - 103rd St to 108th St	\$2,910,000
12	19	Century Boulevard & Gramercy Place SD	\$1,580,000
13	20	Ewing Street & Silverlake Boulevard SD	\$190,000
14	21	Figueroa Street - Tipton Way to Hillandale Dr, Units	\$3,150,000
15	22	Kenneth Drive & Huntington Drive SD	\$390,000
16	23	Lambie Street SD	\$550,000
17	24	Lulu Glen Drive - Woodrow Wilson Drive SD	\$2,010,000
18	25	San Pedro Street & 51st Street SD	\$4,410,000
19	26	Towne Avenue - 81st St to 84th St	\$1,560,000
20	27	Wall Street & 59th Place SD	\$1,030,000
21	28	Western Avenue - 79th St to 83rd St	\$1,120,000
22	30	60th Street - West Blvd to Keniston St	\$1,490,000
23	31	61st Street & San Pedro Street SD - Unit 3	\$620,000
24	32	64th Street - West Blvd to Eileen Ave	\$1,640,000
25	33	6th Avenue & 38th Place SD	\$680,000
26	34	71st Street & 8th Avenue SD - Units 1 & 2	\$3,840,000
27	35	75th Street - Raymond Ave to Kansas Ave	\$560,000
28	38	Clinton Street & Berendo Street	\$120,000
29	39	Leicester Drive	\$40,000
30	41	Avenue 37, 900 Block	\$510,000
31	44	Scandia Way, 3900 Block	\$420,000
32	45	Los Feliz Boulevard at Nella Vista Avenue	\$490,000
33	46	Los Feliz Boulevard at New Hampshire Ave	\$100,000
34	47	Wall Street - 97th St to Century Blvd	\$620,000
35	49	Whitley Avenue	\$20,000
36	51	Avalon Boulevard - Unit 1	\$5,750,000
37	52	L Street - Eubank Ave to Hyatt Ave	\$540,000
38	53	D Street & Neptune Avenue	\$3,350,000
39	54	Opp Street SD Replacement	\$150,000
40	55	Arbor Place & Hoover Street	\$1,250,000
41	56	Neptune Avenue & G Street SD	\$3,450,000
42	57	Anchovy Street & Cumbre Drive	\$520,000
43	58	Walker Avenue - Leland St to 27th St	\$1,400,000
44	59	Cabrillo Avenue - 6th St to 8th St	\$670,000
45	60	B Street & Broad Avenue	\$2,610,000

Potential Storm Drain Projects List

Sequential #	Project ID	Project Name	Estimated Construction Cost
46	61	Denni Street - Flint Ave to Dominguez	\$600,000
47	62	Avalon Boulevard - Unit 2	\$5,070,000
48	63	Menlo Avenue - Athens Blvd to 124th St	\$870,000
49	64	Anaheim Street - Marine Ave to Gulf Ave	\$3,800,000
50	65	262nd Street & Anaheim Street SD	\$1,130,000
51	66	Sepulveda Boulevard - Halldale Ave to Western Ave	\$2,530,000
52	67	Bandini Street - Summerland Ave to Oliver St	\$390,000
53	68	Anaheim Street W/O I Street	\$1,470,000
54	73	Western Avenue and Paseo Del Mar Drop Structure	\$2,970,000
55	74	Fries Avenue SD - Unit 2	\$4,540,000
56	76	186th Street & Vermont Avenue	\$2,710,000
57	77	Gulf Avenue & D Street	\$2,350,000
58	78	254th Street & Marigold Avenue	\$660,000
59	79	Dominguez Avenue - Anaheim St to E St	\$1,470,000
60	80	Fries Avenue SD - Unit 3	\$3,300,000
61	85	18th Street & Walker Avenue	\$2,040,000
62	86	Alma Street Storm Drain - Unit 1	\$2,100,000
63	90	Watts Tower SD	\$2,250,000
64	91	Fries Avenue SD - Unit 1	\$6,370,000
65	94	Gaffey Street (W/S) S/O Anaheim Street	\$6,130,000
66	95	Mariano St - Manton To Calabasas Creek	\$1,310,000
67	96	Laurel Canyon Bl - Kagel Cyn To Osborne St	\$1,350,000
68	97	Hesby St And Haskell Av	\$520,000
69	99	Royer - Ostronic to N/O Dolorosa	\$1,050,000
70	100	Brookdale Rd and Fryman Rd	\$1,080,000
71	101	Royal Oak Rd W/O Sepulveda	\$2,230,000
72	104	Sunnyslope Av S/O Galewood St	\$260,000
73	105	Valley Meadow Rd - W/O Valley Meadow to	\$1,770,000
74	106	Pierce St - Dronfield To Glenoaks	\$1,700,000
75	107	Kagel Canyon - Remick To Pacoima Wash	\$1,540,000
76	110	Johanna Av - South To Sunland Av	\$1,510,000
77	111	Osborne - Norris To San Fernando	\$1,740,000
78	112	Sepulveda Bl - W/O Valley Meadow to Steven Dr	\$3,870,000
79	113	Green Verdugo Dr - S/W To Sunland Bl	\$860,000
80	114	Bartee Avenue - Kagel To Osborne	\$950,000
81	115	Beverly Glen SD	\$5,110,000
82	116	Valerio St - Etiwanda To Canby	\$460,000
83	117	La Tuna Cyn Rd - Wildwood To La Tuna Chnl	\$1,380,000
84	119	Saticoy St - Louise to Amestoy	\$880,000
85	120	Magnolia Boulevard - Lemp Ave to Tujunga Wash	\$250,000
86	121	Berry Dr E/O Laurel Cyn Bl	\$1,280,000
87	122	Apperson - Mountair To McClemon	\$500,000
88	123	Radford Av - Saticoy To Stagg (requires Lankershim	\$1,900,000
89	124	Saint Estaban @ Hillhaven Av	\$210,000
90	125	Pierce - Sharp To Pacoima Wash	\$1,240,000

Potential Storm Drain Projects List

Sequential #	Project ID	Project Name	Estimated Construction Cost
91	126	Agnes Vanowen SD	\$2,870,000
92	129	Tujunga Cyn - Blanchard Channel SD	\$110,000
93	130	Pendleton - Roscoe To Amboy	\$940,000
94	132	Sarah St - Whitsett to Laurelgrove	\$1,000,000
95	133	Lowell Av - Santa Carlotta To Cooks Chnl	\$1,360,000
96	134	Tujunga Cyn - Elmhurst SD	\$180,000
97	135	Pali - Creemore To Verdugo Wash	\$810,000
98	136	Wyandotte St - Noble To Kester	\$860,000
99	137	Varna Av - Wyandotte To Sherman Way	\$340,000
100	139	Ethel Av - Raymer To Sherman Way	\$1,000,000
101	140	Vanowen Bertrand SD	\$3,020,000
102	141	SD N/O Sherman Way - Betw Ranchito And	\$260,000
103	142	Fulton Av - Sherman Way To Raymer	\$1,200,000
104	143	Marnice Av @ Haywood St	\$70,000
105	145	N/O Ellenbogen - 150 feet W/O Parr Av	\$290,000
106	146	Winnetka and Hatteras	\$850,000
107	147	Benedict Canyon Ln S/O Ventura Bl	\$3,240,000
108	150	S/O Skyland - N/O Big Tujunga Cyn	\$420,000
109	151	Lasaine Avenue (Produced) Oxnard Street to LA	\$1,640,000
110	152	Saticoy - Camellia to Lemp	\$660,000
111	154	Saticoy - Lankershim To Radford	\$1,190,000
112	155	Ebey Cyn - W/O Riverwood Rd	\$2,070,000
113	156	Royal Ridge Rd and Crownridge Pl	\$1,550,000
114	157	Branford - Glenoaks Bl To San Fernando	\$3,160,000
115	159	Tyrone Av - Magnolia To Chandler	\$850,000
116	162	Lanark St - Willis To Cedros	\$370,000
117	163	Mcvine Av - Day To Haines Cyn Chnl	\$1,510,000
118	164	Laurelgrove Av - Magnolia To Riverside Dr	\$1,020,000
119	165	Haddon Av - Tuxford To Rialto	\$1,110,000
120	166	200 foot Esmt N/O Hillrose Btwn Irma & Plainview	\$130,000
121	167	Tyrone Av - Collins To Califa	\$890,000
122	168	Vanalden Avenue - Shenango Drive SD	\$1,800,000
123	169	Moorpark St & Sunnyslope Av SD	\$1,580,000
124	170	Roscoe - Corbin To Oakdale	\$690,000
125	171	Haskell Avenue SD - Los Alimos St to San Jose St	\$1,580,000
126	172	Oakdale Redwing Storm Drain	\$4,170,000
127	173	Ventura Boulevard - Corbin Avenue SD	\$2,160,000
128	176	Shoup Av - Kittridge to Vanowen	\$500,000
129	178	Osborne Street - Haddon to Pacoima Ch	\$4,130,000
130	179	Plummer - Aliso Creek to Gladbeck	\$1,250,000
131	180	Chatsworth Street - Gaynor Avenue SD	\$1,430,000
132	182	Louise - Nordhoff To SPRR	\$4,740,000
133	183	Strathern St Laurel Cyn Bl To Hwd Fwy	\$3,140,000
134	184	La Tuna Cyn Rd Drainage Chan. Reconstruction	\$380,000
135	186	Kittridge St - Satsuma To Clybourn	\$650,000

Potential Storm Drain Projects List

Sequential #	Project ID	Project Name	Estimated Construction Cost
136	189	Lassen St - Lindley Av To Aliso Creek SD	\$1,690,000
137	190	Saticoy Tobias To Pacoima Wash	\$540,000
138	191	Moorpark Street & Agnes Avenue SD	\$2,770,000
139	192	Wheatland Avenue E/O Debris Basin N/O Foothill	\$830,000
140	193	Burbank Boulevard - 1,850 feet W/O Hayvenhurst	\$370,000
141	194	Zelzah Avenue SD - Victory Blvd to Kittridge St	\$800,000
142	196	Ventura Blvd & Sunnyslope Ave SD	\$3,020,000
143	198	Forman Drain N/O Burbank To Sherman Way	\$12,210,000
144	200	Lankershim Boulevard SD - Sherman Way to	\$8,260,000
145	202	Amestoy - Prairie To Parthenia	\$3,770,000
146	205	Whitsett Avenue - Stagg Street SD	\$2,730,000
147	206	Sherman Way & Capps Avenue SD	\$3,550,000
148	209	Sherman Way And Clybourn	\$1,570,000
149	210	Van Nuys Blvd - Nordhoff St SD	\$4,670,000
150	212	Strathern St - Tampa to Shirley	\$840,000
151	213	Satsuma Av - Vanowen To Kittridge	\$850,000
152	215	Rancho Encino SD	\$2,500,000
153	216	Foothill SD-Pacoima Cyn Chl To Sump S/O Maclay	\$580,000
154	219	Filmore Street SD - Lev Ave to Pacoima Wash	\$710,000
155	220	Hayvenhurst Av and Calneva Dr	\$2,510,000
156	221	Vinedale - Vinevalley To La Tuna SD	\$550,000
157	222	Strathern St - Yolanda To Wilbur	\$680,000
158	223	Valley Vista Bl and Madelia Av	\$920,000
159	224	Canterbury Av & Pierce St	\$3,170,000
160	225	Libbit Av & Morrison St	\$1,960,000
161	226	Del Arroyo to La Tuna Cyn Chnl	\$1,830,000
162	227	Clybourn Av - Vanowen To Victory	\$6,900,000
163	229	Magnolia Boulevard - Densmore Ave to Gaviota Ave	\$550,000
164	230	SD S/O Vanalden Av and Retarding Basin	\$1,630,000
165	231	Balboa Bl SD Extension To Lassen	\$1,670,000
166	232	Zelzah Avenue - Devonshire to Lassen	\$2,230,000
167	233	Sherman Way - Vineland To Fair	\$920,000
168	234	Peoria St-Dronfield 10 foot Esmt To Glenoaks	\$1,830,000
169	235	Strathern St - Oso to Winnetka	\$790,000
170	236	Victory Bl - Fulton To Allott	\$420,000
171	237	Camarillo St - Halbrent to Kester	\$1,830,000
172	239	Hartland St - Comanche to Oso	\$1,230,000
173	240	Wicks St - Dronfield To Glenoaks Bl	\$1,830,000
174	242	Erwin St - Goodland Av-Victory Bl-Hamlin St	\$4,710,000
175	244	Amigo And Vanowen	\$1,410,000
176	245	Canoga Roscoe SD	\$5,390,000
177	247	Camino de la Cumbre SD	\$1,550,000
178	248	Terra Bella St-Eldridge	\$1,740,000
179	249	Saticoy St SD W/O Woodley Ave.	\$380,000
180	251	Oxnard Street - Fulcher Ave to Elmer Ave SD	\$1,080,000

Potential Storm Drain Projects List

Sequential #	Project ID	Project Name	Estimated Construction Cost
181	252	Sutter Av Paxton St To 220 feet N/O Filmore	\$780,000
182	253	Craig Drive & R/W S/O Hillock Drive SD	\$310,000
183	254	Stone Canyon SD (Proj 3851)	\$4,220,000
184	255	Lassen St Topanga Cyn BI To Owensmouth	\$270,000
185	258	Montague Street SD - Canterbury Ave to Gullo Ave	\$670,000
186	259	Burbank Boulevard SD - Biloxi Ave to Cahuenga	\$2,650,000
187	262	S.F. Mission And Laurel Cyn. BI. SD	\$730,000
188	263	Ventura BI - Vantage to Laurelgrove	\$630,000
189	264	Glenoaks BI-Cobalt To Tyler St	\$5,570,000
190	265	Hazeltine Av - Cohasset To Sherman Way	\$1,390,000
191	266	Oxnard - Tampa to Shirley	\$1,090,000
192	267	Woodlake Erwin SD	\$2,830,000
193	269	Foothill (R/W S/O) Whitegate To Leolang	\$160,000
194	272	Tujunga Canyon Boulevard SD - N/O Valmont St	\$1,390,000
195	274	Haynes Street SD - Woodlake Ave to Berquest Ave	\$790,000
196	275	Fulton Av - Victory To Kittridge	\$1,170,000
197	276	Saticoy St Zelzah To Lindley	\$660,000
198	278	Strathern St - Louise To Amestoy Av S D	\$720,000
199	279	Blanchard Cyn Ch 900 N/E to Fern Cyn Trl	\$960,000
200	280	Montague Street SD - Sharp Ave to Pacoima Wash	\$580,000
201	281	Montgomery Av - Blackhawk To Devonshire	\$270,000
202	282	SD S/O Lankershim and Ventura	\$1,890,000
203	283	Vanowen St - 405 Frwy To Orion Av	\$690,000
204	285	Vanowen St White Oak To Encino	\$920,000
205	286	Knollwood Dr and Clonlee Av SD	\$240,000
206	287	Moorpark Tujunga SD	\$1,630,000
207	288	Gloria Av - Saticoy To Arminta	\$1,310,000
208	289	Parthenia St White Oak Av To Zelzah	\$570,000
209	290	Magnolia Boulevard - Ranchito Ave to Hazeltine Ave	\$1,110,000
210	292	Roscoe By Zelzah To Lindley SD	\$810,000
211	293	Serrania Avenue SD - Ventura Blvd to Dumetz Rd	\$1,770,000
212	294	Marcus Ln And Estaban St	\$1,660,000
213	298	Wicks St - Telfair To Sharp Av	\$2,620,000
214	302	Roscoe Boulevard - Mason to Oso	\$1,270,000
215	304	Sunland Boulevard & Glenoaks Boulevard SD	\$1,210,000
216	305	Nordhoff Street SD - Bahama St to Lurline Ave	\$870,000
217	306	Ventura Blvd & Del Moreno Dr SD	\$1,440,000
218	307	Parthenia St- Owensmouth To Topanga Cyn	\$620,000
219	310	Coldwater Canyon SD- Landale St to LA River	\$2,240,000
220	311	Grove St R/W S/O- Scoville To Oro Vista	\$490,000
221	312	Topanga Cyn BI Valerio St To Bell Creek	\$2,510,000
222	313	Oro Vista SD - Haines Canyon Channel to Foothill	\$1,960,000
223	314	Plummer Street at Pacoima Wash SD	\$1,100,000
224	315	SPRR R/W To Vineland And Riverton	\$2,100,000
225	316	Laurel Cyn BI N/O Riverside Dr	\$2,100,000

Potential Storm Drain Projects List

Sequential #	Project ID	Project Name	Estimated Construction Cost
226	317	Coldwater Cyn Ave & Goodland Ave S/O Ventura	\$7,590,000
227	319	Burbank Bl & Farralone Av SD	\$960,000
228	320	Lurline Av-Rinaldi To Devonshire	\$3,180,000
229	321	Colfax Magnolia SD	\$290,000
230	322	Farralone Av - Saticoy to Keswick	\$660,000
231	323	Riverside Drive - Forman to Ledge	\$1,320,000
232	324	Saticoy St Balboa Bl To Bullcreek Channel	\$720,000
233	325	Collier Street SD - E/O Quakertown Ave to	\$400,000
234	326	Saticoy St White Oak To Encino St	\$870,000
235	327	Mayall St-Jumilla To Oakdale To Winn Chnl	\$2,830,000
236	329	Sylmar Av - Delano To Kittridge	\$1,380,000
237	330	Filmore St - Foothill To Dronfield	\$1,930,000
238	332	Reseda - San Fernando Mission To Devonshire	\$3,010,000
239	334	Orion St - Wyandotte To Stagg	\$2,160,000
240	336	Oxnard St - Greenbush To Allott	\$390,000
241	337	Camarillo And Vineland SD	\$3,050,000
242	338	Saticoy Yolanda SD	\$890,000
243	340	Lankershim Boulevard - Bloomfield Street SD	\$2,160,000
244	341	Saticoy - Tujunga To Vineland	\$1,600,000
245	343	Victory Blvd - Fair Ave SD	\$1,200,000
246	344	Shirley Av SD - LA River To Hartland St	\$1,110,000
247	346	Maclay SD - Bromont to 8th St	\$800,000
248	349	Vanalden Avenue - Bessemer Street SD	\$1,940,000
249	350	Strathern St - Corbin to Oakdale	\$650,000
250	351	Vanowen - Gloria to Woodley	\$1,320,000
251	352	Foothill Bl - Haines Cyn Ch to Haines Cyn Ave	\$1,370,000
252	353	Bell Creek N.B. - Dayton Creek to Fallbrook Ave	\$1,460,000
253	354	Helen Avenue - Art Street SD	\$1,080,000
254	355	Chandler And Tyrone SD	\$1,660,000
255	356	Branford - Canterbury to Dorrington	\$1,120,000
256	357	Branford - Laurel Canyon To Arleta Avenue (aka	\$2,490,000
257	358	Sarah Sunnyslope	\$1,050,000
258	360	Vanowen St - Goodland To Bellaire	\$520,000
259	361	Beck Avenue - Hamlin Street SD	\$1,290,000
260	362	Oxnard Street - Tujunga Ave to Lankershim Blvd	\$760,000
261	363	Oxnard At Whitnall Hwy	\$1,340,000
262	364	Radford Av - Magnolia To Hartsook	\$260,000
263	365	Hatteras St - Whitnall To Cleon	\$1,800,000
264	366	Hidden Oak Apperson SD	\$220,000
265	367	Baden Bet. Itasca St & 650 feet N/O Itasca	\$390,000
266	368	Fulton Av L A River To 150 feet S/O Ventura Bl	\$1,130,000
267	370	Topanga Cyn Bl - Hart To Sherman Way	\$920,000
268	371	Van Nuys - Laurel Cyn To Oneida	\$980,000
269	374	Foothill -Wheatland To 400 feet E/O	\$440,000
270	375	Knobhill - 100 feet To 300 feet E/O Beverly Glen	\$160,000

Potential Storm Drain Projects List

Sequential #	Project ID	Project Name	Estimated Construction Cost
271	378	Louise Silverlane (Pvt St S/O 101) To Magnolia	\$1,150,000
272	381	Bessemer Street SD - Alcove Ave to Tujunga Wash	\$450,000
273	384	Mariano St SD - Sadring to Calabasas Creek	\$270,000
274	385	Vanowen Street - Calhoun to Tyrone	\$450,000
275	386	Telfair Avenue R/W E/O Polk St to Astoria St	\$1,560,000
276	387	Chase Mason SD	\$1,940,000
277	388	Woodward Av McGroarty To Haines Chnl	\$860,000
278	389	Matilija Av - L.A. River-Woodman Av SD	\$9,170,000
279	390	Roxford St Herrick Av To Stetson Cyn Ch	\$1,440,000
280	392	Encinitas Avenue - Cobalt St to Bledsoe St	\$1,230,000
281	396	Pinewood Foothill	\$810,000
282	397	Panorama Channel Reconstruction	\$2,450,000
283	399	Farralone Av - Gault To Leadwell	\$1,650,000
284	400	Dixie Cyn Ave S/O Valley Vista	\$3,960,000
285	401	Woodley Av & Morrison St SD	\$2,830,000
286	402	Mulholland Drive - Topanga Cyn Blvd to Canoga	\$2,430,000
287	405	White Oak - Plummer To Lassen	\$1,490,000
288	407	Corbin Channel - L.A. River To S.P.R.R.	\$3,430,000
289	408	Fair Avenue (Prod.) SD - Alley S/O Hesby St to	\$160,000
290	409	Hayvenhurst(Chnl W/O)-S/O Ventura To De Celis	\$410,000
291	410	Tampa Av - Plummer St To Lassen St SD	\$2,330,000
292	411	Vanowen St Corbin Av To Oakdale Av	\$720,000
293	414	Brooktree Low Flow	\$580,000
294	415	Fenwick Sable SD	\$360,000
295	416	Matilija Av And Milbank St SD	\$630,000
296	418	Vanalden Av - Hartland to Sherman Way	\$2,070,000
297	420	Burbank Bl - Hollywood Fwy to Gentry	\$850,000
298	421	Bellaire Av - Albers To Collins	\$1,160,000
299	436	Bundy Inavale Norman	\$1,840,000
300	442	Thornton Ave SD Outlet Ext	\$2,270,000
301	444	Adams Boulevard Side Streets SD	\$1,050,000
302	445	Compton Avenue - 55th Street SD	\$480,000
303	447	Burwood S/O Figueroa	\$1,110,000
304	456	Devonshire - De Soto SD	\$1,160,000
305	457	Lasaine Oxnard SD	\$1,930,000
306	458	12th Street / Santee Street Relief Storm Drain	\$760,000
307	461	Foothill Vaughn SD	\$2,490,000
308	462	Bradley Del Sur SD	\$3,500,000
309	463	Glenoaks Filmore SD	\$1,750,000
310	464	Orion Parthenia SD	\$6,820,000
311	465	Tuxford San Fernando Rd SD (a.k.a Project 9250)	\$87,320,000
312	466	Rossmore Avenue - 3rd Street SD	\$22,870,000
313	467	Benedict Canyon Drive - Mulholland Dr to Hutton Dr	\$3,120,000
314	469	Stone Street SD North of Ganahl Street	\$420,000
315	471	Belle Porte Avenue, 25000 block	\$1,650,000

Potential Storm Drain Projects List

Sequential #	Project ID	Project Name	Estimated Construction Cost
316	472	Gladstone Maclay	\$1,040,000
317	473	Colfax, Riverside to L.A. River	\$5,480,000
318	474	Weir Street Drain	\$400,000
319	480	Hollywood Normandie SD	\$40,000
320	482	25th Street Drainage Improvement Project	\$640,000
321	484	Signature Drive Bradford Place	\$440,000
322	485	211th Street and Dalton Avenue	\$60,000
323	486	Samoa Hillrose SD	\$320,000
324	487	Roscoe Dora SD	\$260,000
325	488	Berry Dr and Decente Dr SD	\$190,000
326	489	19th Street, Alma Street and 21st Street Storm	\$1,550,000
327	490	Geyser Chase Storm Drain	\$4,450,000
328	491	Hubbard and Dronfield	\$480,000
329	495	Lanark E/O Hazeltine S.D.	\$1,780,000
330	497	Vanowen Farmdale SD	\$890,000
331	498	Van Nuys - Gladstone to Fenton	\$1,700,000
332	499	Beverly Boulevard - June Street to La Brea Avenue	\$1,130,000
333	500	Paige Street SD	\$190,000
334	501	Valley Vista Blvd Sunnyslope Ave SD	\$2,470,000
335	502	Commerce Valmont SD	\$1,170,000
336	503	Prairie St. Winnetka Ave to Oso Ave	\$1,320,000
337	505	Gault Haskell to 700' W/O Haskell	\$580,000
338	507	1477 Montecito Drive Stormdrain	\$140,000
339	509	Speedway SD - 23rd Ave to Washington Blvd	\$3,780,000
340	510	Chautauqua Blvd Storm Drain	\$2,160,000
341	511	Partridge Avenue Storm Drain	\$200,000
342	513	Union Place Storm Drain	\$170,000
343	514	City Hall Main Street Storm Drain	\$340,000
344	515	Warmouth Avenue Drop Structure	\$5,130,000
345	516	Speedway Water Quality and Drainage	\$6,470,000
346	518	Sespe Ave - Tustin to Sutton	\$340,000
347	519	Pacific Avenue SD - 26th St to 28th St	\$840,000
348	520	Greenfield Avenue Storm Drain	\$400,000
349	522	Branford Street - Arleta Avenue to the Pacoima	\$630,000
350	524	Devonshire Owensmouth SD	\$720,000
351	525	Haskell Parthenia SD	\$2,240,000
352	526	Hawaiian and Opp Storm Drain	\$1,430,000
353	528	6245 Roy Street Storm Drain	\$160,000
354	529	486 W Avenue 44	\$150,000
355	530	364 S Anderson St (X Artemus Street)	\$20,000
356	531	Big Tujunga Wash Levee at Oro Vista Avenue	\$780,000
357	532	8331 Lookout Mountain Ave	\$30,000
358	533	Martel Avenue Relief Storm Drain (Melrose Ave to	\$670,000
359	536	Santa Lucia Dr. - Cardenas Ave to Canoga Dr.	\$1,020,000
360	537	Montecito Drive to Latrobe Street Storm Drain	\$170,000

Potential Storm Drain Projects List

Sequential #	Project ID	Project Name	Estimated Construction Cost
361	538	Dolcedo Way Storm Drain	\$210,000
362	540	112th St - Hooper Ave to 114th St SD	\$1,090,000
363	542	4th Street and Main Street	\$50,000
364	544	Cross Ave - Eldred St Storm Drain Project	\$590,000
365	545	Wall St and 43rd St Storm Drain	\$560,000
366	546	Van Buren Place Storm Drain Project	\$210,000
367	547	Via De La Olas and Via De La Paz Drainage	\$620,000
368	551	6116 Linforth Dr.	\$10,000
369	554	Normandie at 212th-213th Streets	\$2,010,000
370	557	Holly Drive at San Marco Dr Storm Drain	\$110,000
371	560	Sycamore Ave / Rodeo Rd Catch Basin	\$70,000
372	562	Winter Street & Fresno Street Catch Basin	\$30,000
373	563	Silverwood Terrace Catch Basin	\$10,000
374	565	San Pedro 3rd Street Relief Storm Drain	\$1,190,000
375	567	Sepulveda Blvd Storm Drain- 89th Street to La	\$880,000
376	568	Melrose Ave between Gardener Ave & Martel Ave	\$380,000
377	569	3133 Deronda Drive Drain	\$180,000
378	570	Grand Canal West Bank Erosion Control	\$500,000
379	571	Washington BLVD at Venice Canal Culvert	\$660,000
380	572	12th St & Los Angeles St	\$60,000
381	574	Beverlywood Street Storm Drain	\$440,000
382	575	Walker and Silvius Plateau Storm Drain	\$1,050,000
383	576	Walker Ave 19th to 13th Streets	\$1,520,000
384	578	Nordhoff Street SD - Sepulveda Blvd to Orion Ave	\$580,000
385	579	Cochran Ave Storm Drain	\$80,000
386	580	Marinette Rd. way Southern terminus Subdrain	\$250,000
387	581	Oro Vista Storm Drain- Foothill Blvd to Day Street	\$1,210,000
Total Estimated Construction Cost			\$693,790,000

City of Los Angeles Stormwater and Green Infrastructure 5-Year Capital Improvement Plan

Appendix B - Summary Schedule of Projects for 5-year CIP



CITY OF LOS ANGELES, BUREAU OF SANITATION
WATERSHED PROTECTION DIVISION

City of Los Angeles Stormwater and Green Infrastructure 5-Year Capital Improvement Plan - Project Summary

No.	Project Name	Watershed	Cost Sharing Opportunity	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
LRS-1	LA River Segment B Urban Runoff Project No. 1	ULAR	No	\$ 7,809,000	\$ 1,382,250	\$ 6,426,750	-	\$ -	-
LRS-2	LA River Segment B Urban Runoff Project No. 2	ULAR	No	\$ 7,398,000	\$ 1,309,500	\$ 6,088,500	-	\$ -	-
LRS-3	LA River Segment B Urban Runoff Project No. 3	ULAR	No	\$ 5,343,000	\$ 945,750	\$ 4,397,250	-	\$ -	-
LRS-4	Arroyo Seco Urban Runoff Project No. 1	ULAR	No	\$ 280,850	\$ 28,700	\$ 75,051	177,100	\$ -	-
LRS-5	Arroyo Seco Urban Runoff Project No. 2	ULAR	No	\$ 2,457,506	\$ 251,132	\$ 656,710	\$ 1,549,664	\$ -	-
LRS-6	Arroyo Seco Urban Runoff Project No. 3	ULAR	No	\$ 1,737,112	\$ 177,515	\$ 464,202	\$ 1,095,395	\$ -	-
LRS-7	Arroyo Seco Urban Runoff Project No. 4	ULAR	No	\$ 4,795,000	\$ 490,000	\$ 1,281,350	\$ 3,023,650	\$ -	-
LRS-8	Arroyo Seco Urban Runoff Project No. 5	ULAR	No	\$ 342,500	\$ 35,000	\$ 91,525	\$ 215,975	\$ -	-
LRS-9	4th St & Santa Fe Priority Greenway + Sustainable Little Tokyo	ULAR	No	\$ 17,125,000	\$ 1,750,000	\$ 4,576,250	\$ 10,798,750	\$ -	-
TSO-1	NOTF/LTF-1 Phase I	BC	No	\$ 16,968,820	\$ 3,003,605	\$ 13,965,215	-	\$ -	-
TSO-2	Sepulveda Channel Diversion BMP Project	BC	No	\$ 6,067,730	\$ 1,074,033	\$ 4,993,698	-	\$ -	-
BC-1	Lafayette Park	BC	No	\$ 27,256,150	\$ 2,785,300	\$ 7,283,560	\$ 17,187,291	\$ -	-
BC-2	Queen Anne Recreation Center	BC	No	\$ 37,059,870	\$ 3,787,140	\$ 9,903,371	\$ 23,369,359	\$ -	-
BC-3	Rancho Park Golf Course	BC	No	\$ 18,119,620	\$ 1,851,640	\$ 4,842,039	\$ 11,425,941	\$ -	-
BC-4	Poinsettia Park	BC	No	\$ 15,094,660	\$ 1,542,520	\$ 4,033,690	\$ 9,518,450	\$ -	-
BC-5	Westwood Neighborhood Greenway Project	BC	No	\$ 3,104,420	\$ 317,240	\$ 829,583	\$ 1,957,597	\$ -	-
BC-6	Del Rey Lagoon Water Quality Improvement Project	BC	No	\$ 1,441,832	\$ 147,340	\$ 385,295	\$ 909,196	\$ -	-
BC-7	Vermont Square Park Stormwater Treatment and Infiltration Project	BC	No	\$ 2,113,088	\$ 215,936	\$ 564,673	\$ 1,332,479	\$ -	-
BC-8	National Boulevard Runoff Treatment Project	BC	No	\$ 14,111,000	\$ 1,442,000	\$ 3,770,830	\$ 8,898,170	\$ -	-
BC-9	Manchester Neighborhood Greenway Project	BC	No	\$ 780,316	-	\$ 138,122	\$ 642,195	\$ -	-
BC-10	Occidental Blvd Green Street Greening	BC	No	\$ 5,480,000	\$ 560,000	\$ 1,464,400	\$ 3,455,600	\$ -	-
BC-11	Westlake EWMP Regional Project 1	BC	No	\$ 4,914,204	\$ 502,181	\$ 1,313,205	\$ 3,098,818	\$ -	-
BC-12	Palms EWMP Regional Project 1	BC	No	\$ 12,026,075	\$ 1,228,942	\$ 3,213,683	\$ 7,583,450	\$ -	-
BC-13	South Los Angeles EWMP Regional Project 1	BC	No	\$ 3,229,412	\$ 330,013	\$ 862,984	\$ 2,036,415	\$ -	-
BC-14	Wilshire EWMP Regional Project 1	BC	No	\$ 2,722,501	\$ 278,212	\$ 727,524	\$ 1,716,765	\$ -	-
BC-15	West Adams EWMP Regional Project 1	BC	No	\$ 7,730,833	\$ 790,012	\$ 2,065,882	\$ 4,874,939	\$ -	-
BC-16	West Los Angeles EWMP Regional Project 1	BC	No	\$ 6,150,441	\$ 628,512	\$ 1,643,560	\$ 3,878,370	\$ -	-
BC-17	Wilshire EWMP Regional Project 2	BC	No	\$ 2,628,495	\$ 268,605	\$ 702,403	\$ 1,657,487	\$ -	-
BC-18	South Los Angeles EWMP Regional Project 2	BC	No	\$ 4,184,084	\$ 427,571	\$ 1,118,097	\$ 2,638,416	\$ -	-
BC-19	West Adams EWMP Regional Project 2	BC	No	\$ 2,053,915	\$ 209,889	\$ 548,860	\$ 1,295,166	\$ -	-
BC-20	West Adams EWMP Regional Project 3	BC	No	\$ 5,420,202	\$ 553,889	\$ 1,448,420	\$ 3,417,892	\$ -	-
BC-21	Wilshire EWMP Regional Project 3	BC	No	\$ 3,813,562	\$ 389,707	\$ 1,019,084	\$ 2,404,771	\$ -	-
BC-22	West Adams EWMP Regional Project 4	BC	No	\$ 4,569,195	\$ 466,925	\$ 1,221,009	\$ 2,881,261	\$ -	-
BC-23	West Los Angeles EWMP Regional Project 2	BC	No	\$ 4,112,530	\$ 420,259	\$ 1,098,976	\$ 2,593,296	\$ -	-
BC-24	Southeast Los Angeles EWMP Regional Project 1	BC	No	\$ 3,353,197	\$ 342,662	\$ 896,062	\$ 2,114,472	\$ -	-
BC-25	Palms EWMP Regional Project 2	BC	No	\$ 1,429,801	\$ 146,111	\$ 382,081	\$ 901,610	\$ -	-
BC-26	West Los Angeles EWMP Regional Project 3	BC	No	\$ 1,553,317	\$ 158,733	\$ 415,087	\$ 979,497	\$ -	-
BC-27	Westlake EWMP Regional Project 2	BC	No	\$ 3,353,196	\$ 342,662	\$ 896,062	\$ 2,114,471	\$ -	-
BC-28	South Los Angeles EWMP Regional Project 3	BC	No	\$ 3,195,652	\$ 326,563	\$ 853,962	\$ 2,015,127	\$ -	-
BC-29	West Los Angeles EWMP Regional Project 4	BC	No	\$ 3,243,304	\$ 331,433	\$ 866,696	\$ 2,045,176	\$ -	-
BC-30	West Adams EWMP Regional Project 5	BC	No	\$ 1,272,923	\$ 130,080	\$ 340,158	\$ 802,685	\$ -	-
BC-31	West Adams EWMP Regional Project 6	BC	No	\$ 1,141,797	\$ 116,680	\$ 305,118	\$ 719,999	\$ -	-
BC-32	West Los Angeles EWMP Regional Project 5	BC	No	\$ 3,558,279	\$ 363,620	\$ 950,866	\$ 2,243,793	\$ -	-
BC-33	Wilshire EWMP Regional Project 4	BC	No	\$ 1,858,547	\$ 189,925	\$ 496,653	\$ 1,171,970	\$ -	-
BC-34	South Los Angeles EWMP Regional Project 4	BC	No	\$ 1,175,007	\$ 120,074	\$ 313,993	\$ 740,941	\$ -	-
BC-35	South Los Angeles EWMP Regional Project 5	BC	No	\$ 1,048,186	\$ 107,114	\$ 280,103	\$ 660,969	\$ -	-
BC-36	South Los Angeles EWMP Regional Project 6	BC	No	\$ 2,808,987	\$ 287,050	\$ 750,635	\$ 1,771,302	\$ -	-
BC-37	West Los Angeles EWMP Regional Project 6	BC	No	\$ 3,044,104	\$ 311,076	\$ 813,465	\$ 1,919,563	\$ -	-
BC-38	South Los Angeles EWMP Regional Project 7	BC	No	\$ 2,624,499	\$ 268,197	\$ 701,335	\$ 1,654,967	\$ -	-
BC-39	Wilshire EWMP Regional Project 5	BC	No	\$ 2,634,427	\$ 269,212	\$ 703,988	\$ 1,661,228	\$ -	-
BC-40	Hollywood EWMP Regional Project 1	BC	No	\$ 3,069,712	\$ 313,693	\$ 820,308	\$ 1,935,711	\$ -	-
BC-41	Hollywood EWMP Regional Project 2	BC	No	\$ 3,069,712	\$ 313,693	\$ 820,308	\$ 1,935,711	\$ -	-
BC-42	South Los Angeles EWMP Regional Project 8	BC	No	\$ 2,514,321	\$ 256,938	\$ 671,893	\$ 1,585,491	\$ -	-
BC-43	West Adams EWMP Regional Project 7	BC	No	\$ 552,077	\$ 56,417	\$ 147,530	\$ 348,131	\$ -	-
BC-44	West Los Angeles EWMP Regional Project 7	BC	No	\$ 2,502,661	\$ 255,746	\$ 668,777	\$ 1,578,138	\$ -	-
BC-45	Silver Lake EWMP Regional Project 1	BC	No	\$ 3,011,731	\$ 307,768	\$ 804,814	\$ 1,899,149	\$ -	-
BC-46	Palms EWMP Regional Project 3	BC	No	\$ 470,108	\$ 48,040	\$ 125,625	\$ 296,443	\$ -	-
BC-47	South Los Angeles EWMP Regional Project 9	BC	No	\$ 2,240,406	\$ 228,947	\$ 598,695	\$ 1,412,764	\$ -	-
BC-48	South Los Angeles EWMP Regional Project 10	BC	No	\$ 2,243,042	\$ 229,216	\$ 599,400	\$ 1,414,426	\$ -	-
BC-49	West Adams EWMP Regional Project 8	BC	No	\$ 579,012	\$ 59,169	\$ 154,727	\$ 365,116	\$ -	-
BC-50	Wilshire EWMP Regional Project 6	BC	No	\$ 482,990	\$ 49,357	\$ 129,068	\$ 304,566	\$ -	-
BC-51	West Adams EWMP Regional Project 11	BC	No	\$ 2,233,457	\$ 228,236	\$ 596,838	\$ 1,408,382	\$ -	-
BC-52	Hollywood EWMP Regional Project 3	BC	No	\$ 2,225,580	\$ 227,432	\$ 594,733	\$ 1,403,415	\$ -	-
BC-53	Wilshire Green Streets Project 1	BC	Yes	\$ 2,602,440	\$ 460,651	\$ 2,141,789	-	\$ -	-
BC-54	Southeast Los Angeles Green Streets Project 1	BC	Yes	\$ 2,273,640	\$ 402,451	\$ 1,871,189	-	\$ -	-
BC-55	Hollywood Green Streets Project 1	BC	Yes	\$ 8,575,640	\$ 876,343	\$ 2,291,636	\$ 5,407,661	\$ -	-
BC-56	Wilshire Green Streets Project 2	BC	Yes	\$ 1,205,040	\$ 213,301	\$ 991,739	-	\$ -	-
BC-57	Silver Lake Green Streets Project 1	BC	Yes	\$ 711,840	\$ 126,001	\$ 585,839	-	\$ -	-

No.	Project Name	Watershed	Cost Sharing Opportunity	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
BC-58	Hollywood Green Streets Project 2	BC	Yes	\$ 5,698,640	\$ 582,343	\$ 1,522,826	\$ 3,593,471	-	-
BC-59	South Los Angeles Green Streets Project 1	BC	Yes	\$ 3,260,040	\$ 333,143	\$ 871,168	\$ 2,055,729	-	-
BC-60	West Adams Green Streets Project 1	BC	Yes	\$ 4,273,840	\$ 436,743	\$ 1,142,082	\$ 2,695,015	-	-
BC-61	West Adams Green Streets Project 2	BC	Yes	\$ 4,684,840	\$ 478,743	\$ 1,251,912	\$ 2,954,185	-	-
BC-62	West Adams Green Streets Project 3	BC	Yes	\$ 2,054,440	\$ 363,651	\$ 1,690,789	-	-	-
BC-63	West Adams Green Streets Project 4	BC	Yes	\$ 10,712,840	\$ 1,094,743	\$ 2,862,752	\$ 6,755,345	-	-
BC-64	South Los Angeles Green Streets Project 2	BC	Yes	\$ 1,725,640	\$ 305,451	\$ 1,420,189	-	-	-
BC-65	Wilshire Green Streets Project 3	BC	Yes	\$ 520,040	\$ 92,051	\$ 427,989	-	-	-
BC-66	Hollywood Green Streets Project 3	BC	Yes	\$ 300,840	\$ 53,251	\$ 247,589	-	-	-
BC-67	Hollywood Green Streets Project 4	BC	Yes	\$ 1,533,840	\$ 271,501	\$ 1,262,339	-	-	-
BC-68	Hollywood Green Streets Project 5	BC	Yes	\$ 465,240	\$ 82,351	\$ 382,889	-	-	-
BC-69	Hollywood Green Streets Project 6	BC	Yes	\$ 246,040	\$ 43,551	\$ 202,489	-	-	-
BC-70	Bel Air Green Streets Project 1	BC	Yes	\$ 11,754,040	\$ 1,201,143	\$ 3,140,988	\$ 7,411,909	-	-
BC-71	West Adams Green Streets Project 5	BC	Yes	\$ 3,068,240	\$ 313,543	\$ 819,914	\$ 1,934,783	-	-
BC-72	Bel Air Green Streets Project 2	BC	Yes	\$ 8,740,040	\$ 893,143	\$ 2,335,568	\$ 5,511,329	-	-
BC-73	Hollywood Green Streets Project 7	BC	Yes	\$ 300,840	\$ 53,251	\$ 247,589	-	-	-
BC-74	Wilshire Green Streets Project 5	BC	Yes	\$ 3,287,440	\$ 335,943	\$ 878,490	\$ 2,073,007	-	-
BC-75	Westlake Green Streets Project 1	BC	Yes	\$ 657,040	\$ 116,301	\$ 540,739	-	-	-
BC-76	Palms Green Streets Project 1	BC	Yes	\$ 1,287,240	\$ 227,851	\$ 1,059,389	-	-	-
BC-77	Hollywood Green Streets Project 8	BC	Yes	\$ 273,440	\$ 48,401	\$ 225,039	-	-	-
BC-78	Bel Air Green Streets Project 3	BC	Yes	\$ 766,640	\$ 135,701	\$ 630,939	-	-	-
BC-79	South Los Angeles Green Streets Project 3	BC	Yes	\$ 766,640	\$ 135,701	\$ 630,939	-	-	-
BC-80	Hollywood Green Streets Project 9	BC	Yes	\$ 218,640	\$ 38,701	\$ 179,939	-	-	-
BC-81	Hollywood Green Streets Project 10	BC	Yes	\$ 492,640	\$ 87,201	\$ 405,439	-	-	-
BC-82	West Adams Green Streets Project 6	BC	Yes	\$ 383,040	\$ 67,801	\$ 315,239	-	-	-
BC-83	Silver Lake Green Streets Project 2	BC	Yes	\$ 218,640	\$ 38,701	\$ 179,939	-	-	-
BC-84	Hollywood Green Streets Project 11	BC	Yes	\$ 1,232,440	\$ 218,151	\$ 1,014,289	-	-	-
BC-85	Hollywood Green Streets Project 12	BC	Yes	\$ 684,440	\$ 121,151	\$ 563,289	-	-	-
BC-86	West Adams Green Streets Project 7	BC	Yes	\$ 410,440	\$ 72,651	\$ 337,789	-	-	-
BC-87	Bel Air - Beverly Crest Green Streets Project 1	BC	No	\$ 36,728	\$ 6,501	\$ 30,227	-	-	-
BC-88	Hollywood Green Streets Project 13	BC	No	\$ 36,728	\$ 6,501	\$ 30,227	-	-	-
BC-89	Palms - Mar Vista - Del Rey Green Streets Project 1	BC	No	\$ 36,728	\$ 6,501	\$ 30,227	-	-	-
BC-90	Silver Lake - Echo Park - Elysian Valley Green Streets Project 1	BC	No	\$ 36,728	\$ 6,501	\$ 30,227	-	-	-
BC-91	South Los Angeles Green Streets Project 4	BC	No	\$ 36,728	\$ 6,501	\$ 30,227	-	-	-
BC-92	Southeast Los Angeles Green Streets Project 2	BC	No	\$ 36,728	\$ 6,501	\$ 30,227	-	-	-
BC-93	West Adams - Baldwin Hills - Leimert Green Streets Project 1	BC	No	\$ 36,728	\$ 6,501	\$ 30,227	-	-	-
BC-94	West Los Angeles Green Streets Project 14	BC	No	\$ 36,728	\$ 3,753	\$ 9,815	\$ 23,160	-	-
BC-95	Westchester - Playa del Rey Green Streets Project 1	BC	No	\$ 36,728	\$ 3,753	\$ 9,815	\$ 23,160	-	-
BC-96	Westlake Green Streets Project 2	BC	No	\$ 36,728	\$ 6,501	\$ 30,227	-	-	-
BC-97	Westwood Green Streets Project 1	BC	No	\$ 36,728	\$ 6,501	\$ 30,227	-	-	-
BC-98	Wilshire Green Streets Project 6	BC	No	\$ 36,728	\$ 3,753	\$ 9,815	\$ 23,160	-	-
BC-99	Del Rey Regional Project 1	BC	No	\$ 6,049,011	\$ 618,147	\$ 1,616,455	\$ 3,814,409	-	-
BC-100	Del Rey Regional Project 3	BC	No	\$ 4,227,140	\$ 431,970	\$ 1,129,603	\$ 2,665,566	-	-
BC-101	Del Rey Regional Project 6	BC	No	\$ 3,220,933	\$ 329,146	\$ 860,718	\$ 2,031,068	-	-
BC-102	Del Rey Regional Project 7	BC	No	\$ 9,471,243	\$ 967,864	\$ 2,530,965	\$ 5,972,414	-	-
BC-103	Mar Vista Regional Project 1	BC	No	\$ 7,166,026	\$ 732,295	\$ 1,914,950	\$ 4,518,781	-	-
BC-104	Del Rey Regional Project 8	BC	No	\$ 9,540,638	\$ 974,956	\$ 2,549,509	\$ 6,016,173	-	-
BC-105	Palms Regional Project 2	BC	No	\$ 13,114,090	\$ 1,340,126	\$ 3,504,429	\$ 8,269,535	-	-
BC-106	Palms Regional Project 3	BC	No	\$ 11,419,012	\$ 1,166,906	\$ 3,051,460	\$ 7,200,646	-	-
BC-107	Playa Vista Regional Project 1	BC	No	\$ 5,758,290	\$ 588,438	\$ 1,538,766	\$ 3,631,085	-	-
BC-108	Westchester Regional Project 1	BC	No	\$ 7,626,785	\$ 779,379	\$ 2,038,077	\$ 4,809,328	-	-
BC-109	Westchester Regional Project 2	BC	No	\$ 11,932,262	\$ 1,219,355	\$ 3,188,614	\$ 7,524,293	-	-
BC-110	Westchester Regional Project 3	BC	No	\$ 14,845,970	\$ 1,517,106	\$ 3,967,233	\$ 9,361,630	-	-
BC-111	Hyde Park Regional Project 1	BC	No	\$ 16,341,670	\$ 1,669,952	\$ 4,366,924	\$ 10,304,795	-	-
BC-112	Mar Vista Regional Project 2	BC	No	\$ 7,327,232	\$ 748,768	\$ 1,958,029	\$ 4,620,435	-	-
BC-113	West Los Angeles Regional Project 1	BC	No	\$ 19,908,824	\$ 2,034,478	\$ 5,320,161	\$ 12,554,185	-	-
BC-114	Palms Regional Project 4	BC	No	\$ 21,762,826	\$ 2,223,938	\$ 5,815,599	\$ 13,723,288	-	-
BC-115	Westwood Regional Project 1	BC	No	\$ 58,022,107	\$ 5,929,266	\$ 15,505,032	\$ 36,587,809	-	-
BC-116	Beverly Crest Regional Project 1	BC	No	\$ 9,315,143	\$ 951,912	\$ 2,489,251	\$ 5,873,979	-	-
BC-117	Westwood Regional Project 2	BC	No	\$ 35,065,925	\$ 3,583,379	\$ 9,370,537	\$ 22,112,009	-	-
BC-118	Bel Air Regional Project 1	BC	No	\$ 3,302,812	\$ 337,514	\$ 882,598	\$ 2,082,700	-	-
BC-119	Brentwood Regional Project 1	BC	No	\$ 4,769,995	\$ 487,445	\$ 1,274,668	\$ 3,007,882	-	-
BC-120	Westwood Regional Project 3	BC	No	\$ 3,795,788	\$ 387,891	\$ 1,014,334	\$ 2,393,563	-	-
BC-121	Westwood Regional Project 4	BC	No	\$ 4,354,137	\$ 444,948	\$ 1,163,540	\$ 2,745,649	-	-
BC-122	Bel Air Regional Project 5	BC	No	\$ 3,075,237	\$ 314,258	\$ 821,784	\$ 1,939,191	-	-
BC-123	Cheviot Hills Regional Project 1	BC	No	\$ 10,047,038	\$ 1,026,705	\$ 2,684,832	\$ 6,335,501	-	-
BC-124	Cheviot Hills Regional Project 2	BC	No	\$ 9,958,002	\$ 1,017,606	\$ 2,661,040	\$ 6,279,356	-	-
BC-125	Westwood Regional Project 5	BC	No	\$ 3,331,978	\$ 340,494	\$ 890,392	\$ 2,101,092	-	-
BC-126	Beverly Crest Regional Project 2	BC	No	\$ 5,917,022	\$ 604,659	\$ 1,581,184	\$ 3,731,179	-	-
BC-127	Beverly Crest Regional Project 3	BC	No	\$ 3,705,570	\$ 378,671	\$ 990,226	\$ 2,336,673	-	-
BC-128	Beverly Crest Regional Project 5	BC	No	\$ 3,170,665	\$ 324,010	\$ 847,285	\$ 1,999,371	-	-

No.	Project Name	Watershed	Cost Sharing Opportunity	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
BC-129	Beverly Crest Regional Project 6	BC	No	\$ 5,253,538	\$ 536,858	\$ 1,403,883	\$ 3,312,797	\$ -	\$ -
BC-130	Alsace Regional Project 1	BC	No	\$ 31,748,387	\$ 3,244,361	\$ 8,484,003	\$ 20,020,023	\$ -	\$ -
BC-131	Beverlywood Regional Project 2	BC	No	\$ 6,071,098	\$ 620,404	\$ 1,622,357	\$ 3,828,337	\$ -	\$ -
BC-132	Exposition Park Regional Project 1	BC	No	\$ 30,782,204	\$ 3,145,627	\$ 8,225,814	\$ 19,410,764	\$ -	\$ -
BC-133	Wellington Square Regional Project 1	BC	No	\$ 3,157,346	\$ 322,648	\$ 843,726	\$ 1,990,972	\$ -	\$ -
BC-134	West Adams Regional Project 1	BC	No	\$ 131,124,067	\$ 13,399,540	\$ 35,039,796	\$ 82,684,731	\$ -	\$ -
BC-135	University Park Regional Project 1	BC	No	\$ 20,667,652	\$ 2,112,023	\$ 5,522,940	\$ 13,032,689	\$ -	\$ -
BC-136	Central Regional Project 1	BC	No	\$ 51,529,236	\$ 5,265,761	\$ 13,769,966	\$ 32,493,509	\$ -	\$ -
BC-137	Crenshaw District Regional Project 1	BC	No	\$ 13,404,057	\$ 1,369,758	\$ 3,581,916	\$ 8,452,383	\$ -	\$ -
BC-138	Exposition Park Regional Project 2	BC	No	\$ 35,821,378	\$ 3,660,579	\$ 9,572,413	\$ 22,588,386	\$ -	\$ -
BC-139	West Vernon Regional Project 1	BC	No	\$ 61,730,436	\$ 6,308,220	\$ 16,495,995	\$ 38,926,221	\$ -	\$ -
BC-140	West Vernon Regional Project 2	BC	No	\$ 25,248,090	\$ 2,580,097	\$ 6,746,953	\$ 15,921,040	\$ -	\$ -
BC-141	Hyde Park Regional Project 2	BC	No	\$ 77,222,891	\$ 7,891,390	\$ 20,635,986	\$ 48,695,515	\$ -	\$ -
BC-142	Vermont Knolls Regional Project 1	BC	No	\$ 16,567,797	\$ 1,693,060	\$ 4,427,351	\$ 10,447,387	\$ -	\$ -
BC-143	Manchester Square Regional Project 1	BC	No	\$ 10,941,594	\$ 1,118,119	\$ 2,923,881	\$ 6,899,594	\$ -	\$ -
BC-144	Regent Square Regional Project 1	BC	No	\$ 8,600,048	\$ 878,837	\$ 2,298,159	\$ 5,423,052	\$ -	\$ -
BC-145	Melrose Regional Project 1	BC	No	\$ 42,014,382	\$ 4,293,440	\$ 11,227,347	\$ 26,493,594	\$ -	\$ -
BC-146	Hollywood Hills Regional Project 1	BC	No	\$ 45,119,197	\$ 4,610,721	\$ 12,057,035	\$ 28,451,441	\$ -	\$ -
BC-147	Melrose Regional Project 4	BC	No	\$ 20,222,303	\$ 2,066,513	\$ 5,403,931	\$ 12,751,860	\$ -	\$ -
BC-148	Hollywood Regional Project 1	BC	No	\$ 31,424,588	\$ 3,211,272	\$ 8,397,476	\$ 19,815,841	\$ -	\$ -
BC-149	Melrose Regional Project 5	BC	No	\$ 6,559,808	\$ 670,345	\$ 1,752,953	\$ 4,136,509	\$ -	\$ -
BC-150	Faircrest Heights Regional Project 1	BC	No	\$ 3,301,610	\$ 337,391	\$ 882,277	\$ 2,081,942	\$ -	\$ -
BC-151	Miracle Mile Regional Project 1	BC	No	\$ 7,527,845	\$ 769,269	\$ 2,011,638	\$ 4,746,938	\$ -	\$ -
BC-152	Miracle Mile Regional Project 2	BC	No	\$ 11,304,252	\$ 1,155,179	\$ 3,020,793	\$ 7,128,280	\$ -	\$ -
BC-153	Mid-City Regional Project 3	BC	No	\$ 6,050,999	\$ 618,350	\$ 1,616,986	\$ 3,815,663	\$ -	\$ -
BC-154	Lafayette Square Regional Project 1	BC	No	\$ 7,048,981	\$ 720,334	\$ 1,883,673	\$ 4,444,974	\$ -	\$ -
BC-155	Mid-City Regional Project 4	BC	No	\$ 5,906,333	\$ 603,567	\$ 1,578,327	\$ 3,724,439	\$ -	\$ -
BC-156	Hancock Park Regional Project 2	BC	No	\$ 20,463,446	\$ 2,091,155	\$ 5,468,370	\$ 12,903,920	\$ -	\$ -
BC-157	Hancock Park Regional Project 3	BC	No	\$ 7,493,403	\$ 765,749	\$ 2,002,434	\$ 4,725,220	\$ -	\$ -
BC-158	Hollywood Hills Regional Project 2	BC	No	\$ 12,899,448	\$ 1,318,192	\$ 3,447,072	\$ 8,134,185	\$ -	\$ -
BC-159	Hollywood Hills Regional Project 3	BC	No	\$ 17,844,044	\$ 1,823,479	\$ 4,768,398	\$ 11,252,168	\$ -	\$ -
BC-160	Harvard Heights Regional Project 1	BC	No	\$ 21,740,148	\$ 2,221,621	\$ 5,809,539	\$ 13,708,988	\$ -	\$ -
BC-161	Temple-Beaudry Regional Project 1	BC	No	\$ 53,830,320	\$ 5,500,909	\$ 14,384,876	\$ 33,944,535	\$ -	\$ -
BC-162	Historic Filipinotown Regional Project 1	BC	No	\$ 10,257,319	\$ 1,048,193	\$ 2,741,025	\$ 6,468,101	\$ -	\$ -
BC-163	Silverlake Regional Project 1	BC	No	\$ 25,472,757	\$ 2,603,055	\$ 6,806,990	\$ 16,062,711	\$ -	\$ -
BC-164	Silverlake Regional Project 2	BC	No	\$ 47,374,781	\$ 4,841,219	\$ 12,659,786	\$ 29,873,776	\$ -	\$ -
BC-165	Los Feliz Regional Project 1	BC	No	\$ 47,946,184	\$ 4,899,610	\$ 12,812,480	\$ 30,234,094	\$ -	\$ -
BC-166	Los Feliz Regional Project 2	BC	No	\$ 50,555,569	\$ 5,166,262	\$ 13,509,776	\$ 31,879,530	\$ -	\$ -
BC-167	Los Feliz Regional Project 3	BC	No	\$ 17,290,494	\$ 1,766,912	\$ 4,620,474	\$ 10,903,108	\$ -	\$ -
BC-168	Melrose Regional Project 6	BC	No	\$ 31,100,867	\$ 3,178,191	\$ 8,310,969	\$ 19,611,708	\$ -	\$ -
BC-169	Westchester Regional Project 4	BC	No	\$ 34,692,649	\$ 3,545,234	\$ 9,270,787	\$ 21,876,627	\$ -	\$ -
BC-170	Del Rey Green Streets Project 1	BC	No	\$ 575,814	\$ -	\$ -	\$ 101,923	\$ 473,891	\$ -
BC-171	Del Rey Green Streets Project 3	BC	No	\$ 189,726	\$ -	\$ -	\$ 33,583	\$ 156,143	\$ -
BC-172	Del Rey Green Streets Project 4	BC	No	\$ 97,688	\$ 17,292	\$ 80,397	\$ -	\$ -	\$ -
BC-173	Del Rey - Mar Vista Green Streets Project 1	BC	No	\$ 73,631	\$ -	\$ -	\$ 13,033	\$ 60,598	\$ -
BC-174	Mar Vista - Del Rey Green Streets Project 1	BC	No	\$ 938,707	\$ 166,158	\$ 772,549	\$ -	\$ -	\$ -
BC-175	Del Rey - Mar Vista Green Streets Project 2	BC	No	\$ 3,951,226	\$ 699,396	\$ 3,251,830	\$ -	\$ -	\$ -
BC-176	Palms Green Streets Project 2	BC	No	\$ 1,621,215	\$ 286,967	\$ 1,334,248	\$ -	\$ -	\$ -
BC-177	Palms - Cheviot Hills Green Streets Project 1	BC	No	\$ 2,417,644	\$ -	\$ -	\$ 427,941	\$ 1,989,703	\$ -
BC-178	Westchester Green Streets Project 1	BC	No	\$ 2,219,249	\$ 392,823	\$ 1,826,426	\$ -	\$ -	\$ -
BC-179	Westchester Green Streets Project 2	BC	No	\$ 3,893,555	\$ -	\$ -	\$ 689,188	\$ 3,204,368	\$ -
BC-180	Westchester Green Streets Project 3	BC	No	\$ 12,588,387	\$ 2,228,236	\$ 10,360,151	\$ -	\$ -	\$ -
BC-181	Hyde Park Green Streets Project 1	BC	No	\$ 476,694	\$ -	\$ -	\$ 84,378	\$ 392,316	\$ -
BC-182	Mar Vista - Del Rey Green Streets Project 2	BC	No	\$ 10,384,365	\$ 1,838,108	\$ 8,546,257	\$ -	\$ -	\$ -
BC-183	West Los Angeles - Mar Vista Green Streets Project 1	BC	No	\$ 30,288,921	\$ -	\$ -	\$ 5,361,360	\$ 24,927,561	\$ -
BC-184	Palms - Rancho Parl Green Streets Project 1	BC	No	\$ 2,157,765	\$ 381,940	\$ 1,775,825	\$ -	\$ -	\$ -
BC-185	Westwood - Century City - Cheviot Hills Green Streets Project 1	BC	No	\$ 1,130,622	\$ -	\$ -	\$ 200,128	\$ 930,494	\$ -
BC-186	Westwood - West Los Angeles Green Streets Project 1	BC	No	\$ 9,692,961	\$ -	\$ -	\$ 1,715,725	\$ 7,977,236	\$ -
BC-187	Bel Air Green Streets Project 1	BC	No	\$ 5,540,542	\$ 980,716	\$ 4,559,825	\$ -	\$ -	\$ -
BC-188	Brentwood - Bel Air Green Streets Project 1	BC	No	\$ 1,042,994	\$ -	\$ -	\$ 184,617	\$ 858,376	\$ -
BC-189	Bel Air Green Streets Project 2	BC	No	\$ 663,776	\$ 117,493	\$ 546,283	\$ -	\$ -	\$ -
BC-190	Westwood - Bel Air Green Streets Project 1	BC	No	\$ 2,479,657	\$ -	\$ -	\$ 438,917	\$ 2,040,739	\$ -
BC-191	Westwood Green Streets Project 1	BC	No	\$ 1,996,527	\$ 353,400	\$ 1,643,127	\$ -	\$ -	\$ -
BC-192	Bel Air - Beverly Crest Green Streets Project 1	BC	No	\$ 12,990,217	\$ -	\$ -	\$ 2,299,363	\$ 10,690,854	\$ -
BC-193	Cheviot Hills - Palms Green Streets Project 1	BC	No	\$ 6,578,426	\$ -	\$ -	\$ 1,164,429	\$ 5,413,997	\$ -
BC-194	Beverlywood Green Streets Project 1	BC	No	\$ 1,659,163	\$ 293,684	\$ 1,365,479	\$ -	\$ -	\$ -
BC-195	Cheviot Hills - Century City Green Streets Project 1	BC	No	\$ 3,090,578	\$ -	\$ -	\$ 547,055	\$ 2,543,523	\$ -
BC-196	Beverly Crest Green Streets Project 5	BC	No	\$ 1,055,045	\$ 186,751	\$ 868,295	\$ -	\$ -	\$ -
BC-197	Beverly Crest Green Streets Project 6	BC	No	\$ 373,319	\$ -	\$ -	\$ 66,080	\$ 307,239	\$ -
BC-198	Beverly Crest Green Streets Project 7	BC	No	\$ 8,936,033	\$ 1,581,743	\$ 7,354,290	\$ -	\$ -	\$ -
BC-199	Alsace - Cloverdale/Cochran Green Streets Project 1	BC	No	\$ 644,307	\$ -	\$ -	\$ 114,047	\$ 530,260	\$ -

No.	Project Name	Watershed	Cost Sharing Opportunity	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
BC-200	Beverlywood - Reyneir Village Green Streets Project 1	BC	No	\$ 3,545,493	\$ 627,578	\$ 2,917,915	\$ -	\$ -	\$ -
BC-201	Cloverdale/Cochran - Faircrest Heights Green Streets Project 1	BC	No	\$ 2,161,536	\$ -	\$ -	\$ 382,608	\$ 1,778,929	\$ -
BC-202	Baldwin Hills - Leimert Park Green Streets Project 1	BC	No	\$ 4,080,052	\$ 722,199	\$ 3,357,853	\$ -	\$ -	\$ -
BC-203	Baldwin Hills Green Streets Project 2	BC	No	\$ 581,835	\$ -	\$ -	\$ 102,989	\$ 478,846	\$ -
BC-204	Baldwin Hills - Exposition Green Streets Project 1	BC	No	\$ 2,344,916	\$ 415,067	\$ 1,929,848	\$ -	\$ -	\$ -
BC-205	Exposition Park - Jefferson Park - Crenshaw District Green Streets Project 1	BC	No	\$ 5,468,096	\$ -	\$ -	\$ 967,893	\$ 4,500,203	\$ -
BC-206	West Adams - Adams-Normandie - Downtown - Exposition Park - Jefferson Park - Pico Union - U	BC	No	\$ 7,455,633	\$ -	\$ -	\$ 1,319,701	\$ 6,135,931	\$ -
BC-207	University Park - Downtown Green Streets Project 1	BC	No	\$ 4,506,055	\$ 797,605	\$ 3,708,451	\$ -	\$ -	\$ -
BC-208	Central Green Streets Project 1	BC	No	\$ 5,995,158	\$ -	\$ -	\$ 1,061,187	\$ 4,933,972	\$ -
BC-209	Crenshaw District - Baldwin Hills Green Streets Project 1	BC	No	\$ 8,697,583	\$ 1,539,536	\$ 7,158,047	\$ -	\$ -	\$ -
BC-210	Exposition Park - Leimert Park Green Streets Project 1	BC	No	\$ 1,285,370	\$ -	\$ -	\$ 227,520	\$ 1,057,850	\$ -
BC-211	West Vernon - Leimert Park Green Streets Project 1	BC	No	\$ 1,012,784	\$ 179,270	\$ 833,513	\$ -	\$ -	\$ -
BC-212	West Vernon - Vermont Square Green Streets Project 1	BC	No	\$ 786,549	\$ -	\$ -	\$ 139,225	\$ 647,324	\$ -
BC-213	Hyde Park - Harvard Park Green Streets Project 1	BC	No	\$ 2,742,105	\$ 485,373	\$ 2,256,733	\$ -	\$ -	\$ -
BC-214	Vermont Knolls Green Streets Project 1	BC	No	\$ 1,458,475	\$ -	\$ -	\$ 258,161	\$ 1,200,315	\$ -
BC-215	Manchester Square - Gramercy Place Green Streets Project 1	BC	No	\$ 1,008,847	\$ 178,573	\$ 830,274	\$ -	\$ -	\$ -
BC-216	Regent Square - Reyneir Village Green Streets Project 1	BC	No	\$ 1,595,011	\$ -	\$ -	\$ 282,329	\$ 1,312,682	\$ -
BC-217	Melrose - Crestview - Carthay Green Streets Project 1	BC	No	\$ 24,975,955	\$ 4,420,926	\$ 20,555,028	\$ -	\$ -	\$ -
BC-218	Melrose Green Streets Project 1	BC	No	\$ 1,409,429	\$ -	\$ -	\$ 249,479	\$ 1,159,949	\$ -
BC-219	Hancock Park Green Streets Project 1	BC	No	\$ 46,083	\$ 8,157	\$ 37,926	\$ -	\$ -	\$ -
BC-220	Melrose Green Streets Project 2	BC	No	\$ 849,034	\$ -	\$ -	\$ 150,285	\$ 698,749	\$ -
BC-221	Hollywood Hills - Melrose Green Streets Project 1	BC	No	\$ 23,393,103	\$ 4,140,750	\$ 19,252,353	\$ -	\$ -	\$ -
BC-222	Carthay Green Streets Project 1	BC	No	\$ 77,611	\$ -	\$ -	\$ 13,738	\$ 63,873	\$ -
BC-223	Melrose - Hollywood Green Streets Project 1	BC	No	\$ 7,389,555	\$ 1,308,005	\$ 6,081,550	\$ -	\$ -	\$ -
BC-224	Hollywood Green Streets Project 1	BC	No	\$ 2,825,162	\$ -	\$ -	\$ 500,074	\$ 2,325,088	\$ -
BC-225	Melrose - Carthay Green Streets Project 1	BC	No	\$ 2,952,348	\$ 522,587	\$ 2,429,761	\$ -	\$ -	\$ -
BC-226	Faircrest Heights Green Streets Project 1	BC	No	\$ 127,772	\$ -	\$ -	\$ 22,617	\$ 105,156	\$ -
BC-227	Miracle Mile - Mid-City Green Streets Project 1	BC	No	\$ 2,244,180	\$ 397,236	\$ 1,846,944	\$ -	\$ -	\$ -
BC-228	Miracle Mile - Mid-City Green Streets Project 2	BC	No	\$ 6,561,263	\$ -	\$ -	\$ 1,161,391	\$ 5,399,872	\$ -
BC-229	Mid-City Green Streets Project 1	BC	No	\$ 1,775,139	\$ 314,212	\$ 1,460,926	\$ -	\$ -	\$ -
BC-230	Mid-City - Cloverdale/Cochran Green Streets Project 1	BC	No	\$ 1,482,023	\$ -	\$ -	\$ 262,329	\$ 1,219,694	\$ -
BC-231	Mid-City - Miracle Mile Green Streets Project 1	BC	No	\$ 2,343,754	\$ 414,861	\$ 1,928,892	\$ -	\$ -	\$ -
BC-232	Lafayette Square - Cloverdale/Cochran - St. Elmo Village Green Streets Project 1	BC	No	\$ 4,502,983	\$ -	\$ -	\$ 797,061	\$ 3,705,922	\$ -
BC-233	Mid-city Green Streets Project 2	BC	No	\$ 2,742,717	\$ 485,481	\$ 2,257,236	\$ -	\$ -	\$ -
BC-234	Hancock Park - Country Club Park Green Streets Project 1	BC	No	\$ 2,273,267	\$ -	\$ -	\$ 402,385	\$ 1,870,883	\$ -
BC-235	Hancock Park - Brookside Green Streets Project 1	BC	No	\$ 18,633,787	\$ 3,298,316	\$ 15,335,470	\$ -	\$ -	\$ -
BC-236	Hollywood Hills - Melrose Green Streets Project 1	BC	No	\$ 16,038,328	\$ -	\$ -	\$ 2,838,901	\$ 13,199,427	\$ -
BC-237	Hollywood Hills - Los Feliz Green Streets Project 1	BC	No	\$ 6,638,115	\$ 1,174,995	\$ 5,463,120	\$ -	\$ -	\$ -
BC-238	Harvard Heights - West Adams Green Streets Project 1	BC	No	\$ 9,646,090	\$ -	\$ -	\$ 1,707,428	\$ 7,938,662	\$ -
BC-239	Temple-Beaudry - Historic Filipinotown - Westlake Green Streets Project 1	BC	No	\$ 2,946,477	\$ 521,548	\$ 2,424,929	\$ -	\$ -	\$ -
BC-240	Historic Filipinotown - Wishire Center - Westlake - Temple-Beaudry Green Streets Project 1	BC	No	\$ 981,243	\$ -	\$ -	\$ 173,687	\$ 807,556	\$ -
BC-241	Silverlake Green Streets Project 1	BC	No	\$ 11,876,231	\$ 2,102,180	\$ 9,774,051	\$ -	\$ -	\$ -
BC-242	Silverlake - Temple-Beaudry Green Streets Project 1	BC	No	\$ 2,861,939	\$ -	\$ -	\$ 506,584	\$ 2,355,355	\$ -
BC-243	Koreatown - Westlake Green Streets Project 1	BC	No	\$ 4,873,929	\$ 862,721	\$ 4,011,208	\$ -	\$ -	\$ -
BC-244	Los Feliz - East Hollywood Green Streets Project 1	BC	No	\$ 803,846	\$ -	\$ -	\$ 142,287	\$ 661,559	\$ -
BC-245	Los Feliz - East Hollywood Green Streets Project 2	BC	No	\$ 6,062,564	\$ 1,073,118	\$ 4,989,446	\$ -	\$ -	\$ -
BC-246	Los Feliz - Melrose Green Streets Project 1	BC	No	\$ 15,766,353	\$ -	\$ -	\$ 2,790,760	\$ 12,975,593	\$ -
BC-247	Melrose - Hollywood Green Streets Project 2	BC	No	\$ 1,758,643	\$ 311,293	\$ 1,447,350	\$ -	\$ -	\$ -
BC-248	Westchester Green Streets Project 4	BC	No	\$ 12,753,736	\$ -	\$ -	\$ 2,257,504	\$ 10,496,232	\$ -
ULAR-1	North Hollywood Park Project	ULAR	No	\$ 55,173,316	\$ -	\$ -	\$ 4,107,063	\$ 19,396,054	\$ 31,670,199
ULAR-2	Chase St. Priority Greenway + Bull Creek Park	ULAR	No	\$ 3,070,170	\$ -	\$ 313,740	\$ 820,430	\$ 1,936,000	\$ -
ULAR-3	Sheldon St. Priority Greenway	ULAR	No	\$ 5,891,000	\$ 602,000	\$ 1,574,230	\$ 3,714,770	\$ -	\$ -
ULAR-4	Upgrades to Pump Plant 621 and Associated Stormwater Treatment Opportunities	ULAR	No	\$ 3,839,644	\$ -	\$ -	\$ 392,372	\$ 1,026,054	\$ 2,421,218
ULAR-5	Upgrades to Pump Plant 622 and Associated Stormwater Treatment Opportunities	ULAR	No	\$ 3,986,741	\$ -	\$ -	\$ 407,404	\$ 1,065,362	\$ 2,513,975
ULAR-6	Aliso Creek - Limekiln Creek Restoration	ULAR	No	\$ 10,275,000	\$ 1,050,000	\$ 2,745,750	\$ 6,479,250	\$ -	\$ -
ULAR-7	Boyle Heights Joint Use Community Center	ULAR	No	\$ 2,819,000	\$ -	\$ -	\$ 288,073	\$ 753,311	\$ 1,777,616
ULAR-8	Burwood & Figueroa SW Capture Greenway	ULAR	No	\$ 5,000,000	\$ 510,949	\$ 1,336,131	\$ 3,152,920	\$ -	\$ -
ULAR-9	Hooper Ave Greenway Alley	ULAR	No	\$ 5,000,000	\$ 510,949	\$ 1,336,131	\$ 3,152,920	\$ -	\$ -
ULAR-10	San Fernando Rd from Elm St to Eagle Rock Blvd	ULAR	No	\$ 4,110,000	\$ 420,000	\$ 1,098,300	\$ 2,591,700	\$ -	\$ -
ULAR-11	Northeast Los Angeles EWMP Regional Project 1	ULAR	Yes	\$ 19,568,954	\$ 1,434,104	\$ 6,772,715	\$ 11,058,602	\$ 303,533	\$ -
ULAR-12	Southeast Los Angeles EWMP Project 1	ULAR	Yes	\$ 9,414,726	\$ -	\$ 962,089	\$ 2,515,862	\$ 5,936,775	\$ -
ULAR-13	Sunland EWMP Regional Project 1	ULAR	Yes	\$ 2,630,126	\$ -	\$ -	\$ 268,772	\$ 702,839	\$ 1,658,515
ULAR-14	Sunland EWMP Regional Project 2	ULAR	Yes	\$ 2,997,070	\$ -	\$ 306,270	\$ 800,896	\$ 1,889,904	\$ -
ULAR-15	Sun Valley EWMP Regional Project 1	ULAR	No	\$ 4,832,754	\$ -	\$ -	\$ 493,858	\$ 1,291,439	\$ 3,047,457
ULAR-16	Sun Valley EWMP Regional Project 2	ULAR	No	\$ 2,888,325	\$ -	\$ 295,157	\$ 771,836	\$ 1,821,332	\$ -
ULAR-17	Sun Valley EWMP Regional Project 3	ULAR	No	\$ 12,995,264	\$ -	\$ -	\$ 1,327,983	\$ 3,472,676	\$ 8,194,605
ULAR-18	Sun Valley EWMP Regional Project 4	ULAR	No	\$ 12,594,965	\$ -	\$ 1,287,077	\$ 3,365,706	\$ 7,942,183	\$ -
ULAR-19	Reseda EWMP Regional Project 1	ULAR	No	\$ 9,387,523	\$ -	\$ -	\$ 959,309	\$ 2,508,593	\$ 5,919,621
ULAR-20	Van Nuys EWMP Regional Project 1	ULAR	No	\$ 12,259,464	\$ -	\$ 1,252,792	\$ 3,276,051	\$ 7,730,621	\$ -
ULAR-21	North Hollywood EWMP Regional Project 2	ULAR	No	\$ 3,516,106	\$ -	\$ -	\$ 359,310	\$ 939,596	\$ 2,217,200
ULAR-22	Reseda EWMP Regional Project 2	ULAR	No	\$ 7,619,640	\$ -	\$ 778,649	\$ 2,036,168	\$ 4,804,823	\$ -

No.	Project Name	Watershed	Cost Sharing Opportunity	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
ULAR-23	Granada Hills EWMP Regional Project 1	ULAR	No	\$ 32,810,992	\$ -	\$ -	\$ 2,442,427	\$ 11,534,630	\$ 18,833,935
ULAR-24	North Hollywood EWMP Regional Project 3	ULAR	No	\$ 3,476,256	\$ -	\$ 355,238	\$ 928,947	\$ 2,192,071	\$ -
ULAR-25	Sun Valley EWMP Regional Project 5	ULAR	No	\$ 3,145,840	\$ -	\$ -	\$ 321,473	\$ 840,651	\$ 1,983,716
ULAR-26	Canoga Park EWMP Regional Project 1	ULAR	No	\$ 19,215,289	\$ -	\$ 1,408,186	\$ 6,650,313	\$ 10,858,742	\$ 298,047
ULAR-27	Encino EWMP Regional Project 1	ULAR	No	\$ 6,962,271	\$ -	\$ -	\$ 711,473	\$ 1,860,502	\$ 4,390,296
ULAR-28	Sylmar EWMP Regional Project 1	ULAR	No	\$ 5,403,541	\$ -	\$ 552,187	\$ 1,443,968	\$ 3,407,386	\$ -
ULAR-29	Reseda EWMP Regional Project 3	ULAR	No	\$ 5,518,228	\$ -	\$ -	\$ 563,907	\$ 1,474,616	\$ 3,479,706
ULAR-30	Northeast Los Angeles EWMP Regional Project 2	ULAR	No	\$ 5,098,930	\$ -	\$ 521,059	\$ 1,362,568	\$ 3,215,303	\$ -
ULAR-31	Boyle Heights EWMP Regional Project 1	ULAR	No	\$ 3,510,264	\$ -	\$ -	\$ 358,713	\$ 938,035	\$ 2,213,516
ULAR-32	Sun Valley EWMP Regional Project 6	ULAR	No	\$ 3,574,851	\$ -	\$ 365,313	\$ 955,294	\$ 2,254,244	\$ -
ULAR-33	Encino EWMP Regional Project 2	ULAR	No	\$ 6,097,149	\$ -	\$ -	\$ 623,066	\$ 1,629,318	\$ 3,844,764
ULAR-34	Canoga Park EWMP Regional Project 2	ULAR	No	\$ 3,590,372	\$ -	\$ 366,899	\$ 959,442	\$ 2,264,031	\$ -
ULAR-35	Van Nuys EWMP Regional Project 2	ULAR	No	\$ 4,582,680	\$ -	\$ -	\$ 468,303	\$ 1,224,613	\$ 2,889,764
ULAR-36	Northeast Los Angeles EWMP Regional Project 3	ULAR	No	\$ 4,453,198	\$ -	\$ 455,071	\$ 1,190,011	\$ 2,808,115	\$ -
ULAR-37	Central City North EWMP Regional Project 1	ULAR	No	\$ 2,629,207	\$ -	\$ -	\$ 268,678	\$ 702,593	\$ 1,657,936
ULAR-38	North Hollywood EWMP Regional Project 4	ULAR	No	\$ 1,601,667	\$ -	\$ 163,674	\$ 428,007	\$ 1,009,985	\$ -
ULAR-39	Boyle Heights EWMP Regional Project 2	ULAR	No	\$ 3,285,471	\$ -	\$ -	\$ 335,742	\$ 877,964	\$ 2,071,765
ULAR-40	Northeast Los Angeles EWMP Regional Project 4	ULAR	No	\$ 2,275,020	\$ -	\$ 232,484	\$ 607,945	\$ 1,434,591	\$ -
ULAR-41	Northridge EWMP Regional Project 1	ULAR	No	\$ 2,481,658	\$ -	\$ -	\$ 253,600	\$ 663,164	\$ 1,564,894
ULAR-42	Canoga Park EWMP Regional Project 3	ULAR	No	\$ 3,227,832	\$ -	\$ 329,851	\$ 862,562	\$ 2,035,419	\$ -
ULAR-43	Mission Hills EWMP Regional Project 1	ULAR	No	\$ 2,270,529	\$ -	\$ -	\$ 232,025	\$ 606,745	\$ 1,431,759
ULAR-44	Reseda EWMP Regional Project 4	ULAR	No	\$ 2,165,009	\$ -	\$ 221,242	\$ 578,547	\$ 1,365,220	\$ -
ULAR-45	Northridge EWMP Regional Project 2	ULAR	No	\$ 2,372,967	\$ -	\$ -	\$ 242,493	\$ 634,119	\$ 1,496,355
ULAR-46	Boyle Heights EWMP Regional Project 3	ULAR	No	\$ 1,351,663	\$ 138,126	\$ 361,200	\$ 852,337	\$ -	\$ -
ULAR-47	Southeast Los Angeles EWMP Project 2	ULAR	No	\$ 3,131,616	\$ -	\$ -	\$ 320,019	\$ 836,850	\$ 1,974,747
ULAR-48	Central City North EWMP Regional Project 2	ULAR	No	\$ 1,059,775	\$ -	\$ -	\$ 108,298	\$ 283,200	\$ 668,277
ULAR-49	Northeast Los Angeles EWMP Regional Project 5	ULAR	No	\$ 2,039,252	\$ -	\$ 208,391	\$ 544,942	\$ 1,285,920	\$ -
ULAR-50	Van Nuys EWMP Regional Project 3	ULAR	No	\$ 259,335	\$ -	\$ -	\$ 26,501	\$ 69,301	\$ 163,532
ULAR-51	Northeast Los Angeles EWMP Regional Project 6	ULAR	No	\$ 1,223,940	\$ -	\$ -	\$ 125,074	\$ 327,069	\$ 771,797
ULAR-52	Northeast Los Angeles EWMP Regional Project 7	ULAR	No	\$ 1,690,347	\$ -	\$ -	\$ 172,736	\$ 451,705	\$ 1,065,906
ULAR-53	Northeast Los Angeles Green Street Project 1	ULAR	Yes	\$ 5,315,040	\$ 543,143	\$ 1,420,318	\$ 3,351,579	\$ -	\$ -
ULAR-54	Southeast Los Angeles Green Street Project 2	ULAR	Yes	\$ 12,274,640	\$ 1,254,343	\$ 3,280,106	\$ 7,740,191	\$ -	\$ -
ULAR-55	Southeast Los Angeles Green Street Project 4	ULAR	Yes	\$ 3,013,440	\$ 307,943	\$ 805,270	\$ 1,900,227	\$ -	\$ -
ULAR-56	Southeast Los Angeles Green Street Project 5	ULAR	Yes	\$ 1,890,040	\$ -	\$ -	\$ 334,551	\$ 1,555,489	\$ -
ULAR-57	Northeast Los Angeles Green Street Project 6	ULAR	Yes	\$ 1,588,640	\$ -	\$ -	\$ 281,201	\$ 1,307,439	\$ -
ULAR-58	Canoga Park Green Streets Project 1	ULAR	Yes	\$ 3,780,640	\$ 386,343	\$ 1,010,286	\$ 2,384,011	\$ -	\$ -
ULAR-59	Arleta Green Streets Project 1	ULAR	Yes	\$ 3,890,240	\$ -	\$ 397,543	\$ 1,039,574	\$ 2,453,123	\$ -
ULAR-60	Reseda Green Street Project 8	ULAR	Yes	\$ 4,054,640	\$ 414,343	\$ 1,083,506	\$ 2,556,791	\$ -	\$ -
ULAR-61	Sunland Green Street Project 16	ULAR	Yes	\$ 3,999,840	\$ -	\$ 408,743	\$ 1,068,862	\$ 2,522,235	\$ -
ULAR-62	Van Nuys Green Streets Project 7	ULAR	Yes	\$ 3,397,040	\$ -	\$ 347,143	\$ 907,778	\$ 2,142,119	\$ -
ULAR-63	Sunland Green Street Project 17	ULAR	Yes	\$ 2,821,640	\$ -	\$ 288,343	\$ 754,016	\$ 1,779,281	\$ -
ULAR-64	Reseda Green Street Project 12	ULAR	Yes	\$ 2,712,040	\$ -	\$ 277,143	\$ 724,728	\$ 1,710,169	\$ -
ULAR-65	Sherman Oaks Green Street Project 16	ULAR	Yes	\$ 4,657,440	\$ -	\$ 475,943	\$ 1,244,590	\$ 2,936,907	\$ -
SMB-1	Oakwood Recreation Center	SMB	No	\$ 3,254,019	\$ 332,528	\$ 869,560	\$ 2,051,932	\$ -	\$ -
SMB-2	Rustic Canyon Recreation Center	SMB	Yes	\$ 5,378,341	\$ 549,612	\$ 1,437,234	\$ 3,391,496	\$ -	\$ -
SMB-3	Brentwood Country Club	SMB	No	\$ 7,661,069	\$ 782,883	\$ 2,047,239	\$ 4,830,947	\$ -	\$ -
SMB-4	Riviera Country Club	SMB	No	\$ 7,144,530	\$ 730,098	\$ 1,909,206	\$ 4,505,226	\$ -	\$ -
SMB-5	Santa Monica Bay Low Flow Diversion Enhancement Project	SMB	No	\$ 411,000	\$ 72,750	\$ 338,250	\$ -	\$ -	\$ -
SMB-6	Santa Ynez Canyon BMP Project	SMB	No	\$ 2,822,200	\$ 288,400	\$ 754,166	\$ 1,779,634	\$ -	\$ -
SMB-7	Upgrades to Pump Plant 647 and Associated Stormwater Treatment Opportunities	SMB	No	\$ 18,008,472	\$ 1,319,745	\$ 6,232,640	\$ 10,176,758	\$ 279,328	\$ -
SMB-8	Penmar Recreation Center	SMB	No	\$ 8,223,444	\$ 840,352	\$ 2,197,520	\$ 5,185,572	\$ -	\$ -
SMB-9	Westchester Recreation Center	SMB	No	\$ 18,254,536	\$ 1,865,427	\$ 4,878,092	\$ 11,511,017	\$ -	\$ -
SMB-10	Temescal Canyon Park	SMB	No	\$ 5,334,119	\$ 545,092	\$ 1,425,417	\$ 3,363,610	\$ -	\$ -
SMB-11	2-2 Parking Lot	SMB	No	\$ 2,965,161	\$ 303,009	\$ 792,369	\$ 1,869,783	\$ -	\$ -
SMB-12	Mandeville	SMB	No	\$ 3,022,664	\$ 308,885	\$ 807,735	\$ 1,906,043	\$ -	\$ -
SMB-13	Santa Ynez	SMB	No	\$ 2,898,214	\$ 296,168	\$ 774,479	\$ 1,827,567	\$ -	\$ -
SMB-14	Westchester LAX	SMB	No	\$ 17,780,390	\$ 1,816,974	\$ 4,751,387	\$ 11,212,028	\$ -	\$ -
SMB-15	Argo Drain Sub-basin Facility	SMB	No	\$ 42,196,000	\$ 4,312,000	\$ 11,275,880	\$ 26,608,120	\$ -	\$ -
SMB-16	Oakwood Ave Green Alley	SMB	No	\$ 5,000,000	\$ 510,949	\$ 1,336,131	\$ 3,152,920	\$ -	\$ -
SMB-17	Penmar Water Quality Improvements (Phase II)	SMB	No	\$ 3,116,750	\$ 318,500	\$ 832,878	\$ 1,965,373	\$ -	\$ -
SMB-18	Temescal Canyon Park Stormwater BMP Phase II	SMB	No	\$ 3,380,475	\$ 345,450	\$ 903,352	\$ 2,131,673	\$ -	\$ -
SMB-19	Brentwood - Pacific Palisades Green Street Project 1	SMB	Yes	\$ 5,232,840	\$ 534,743	\$ 1,398,352	\$ 3,299,745	\$ -	\$ -
SMB-20	Brentwood - Pacific Palisades Green Street Project 2	SMB	Yes	\$ 6,109,640	\$ 624,343	\$ 1,632,656	\$ 3,852,641	\$ -	\$ -
SMB-21	Brentwood - Pacific Palisades Green Street Project 3	SMB	Yes	\$ 1,890,040	\$ 334,551	\$ 1,555,489	\$ -	\$ -	\$ -
SMB-22	Brentwood - Pacific Palisades Green Street Project 4	SMB	Yes	\$ 2,602,440	\$ 265,943	\$ 695,440	\$ 1,641,057	\$ -	\$ -
SMB-23	Brentwood - Pacific Palisades Green Street Project 5	SMB	Yes	\$ 876,240	\$ 155,101	\$ 721,139	\$ -	\$ -	\$ -
SMB-24	Brentwood - Pacific Palisades Green Street Project 6	SMB	No	\$ 3,824,793	\$ 677,016	\$ 3,147,777	\$ -	\$ -	\$ -
SMB-25	Brentwood - Pacific Palisades Green Street Project 7	SMB	No	\$ 4,780,992	\$ 488,569	\$ 1,277,607	\$ 3,014,817	\$ -	\$ -
SMB-26	Los Angeles International Airport Green Street Project 1	SMB	No	\$ 191,240	\$ 33,851	\$ 157,389	\$ -	\$ -	\$ -
SMB-27	Westchester - Playa del Rey Green Streets Project 2	SMB	No	\$ 382,479	\$ -	\$ -	\$ 67,702	\$ 314,778	\$ -
SMB-28	Palms - Mar Vista - Del Rey Green Streets Project 2	SMB	No	\$ 382,479	\$ 67,702	\$ 314,778	\$ -	\$ -	\$ -

No.	Project Name	Watershed	Cost Sharing Opportunity	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
SMB-29	Pacific Palisades Green Street Project 1	SMB	No	\$ 23,888	\$ -	\$ -	\$ 4,228	\$ 19,660	\$ -
SMB-30	Pacific Palisades - Mandeville Canyon Green Street Project 1	SMB	No	\$ 31,851	\$ 5,638	\$ 26,213	\$ -	\$ -	\$ -
SMB-31	Mandeville Canyon - Brentwood Green Street Project 1	SMB	No	\$ 6,232,203	\$ -	\$ -	\$ 1,103,145	\$ 5,129,057	\$ -
SMB-32	Mandeville Canyon Green Street Project 1	SMB	No	\$ 3,954,848	\$ 700,037	\$ 3,254,811	\$ -	\$ -	\$ -
SMB-33	Pacific Palisades Green Street Project 2	SMB	No	\$ 4,862,605	\$ -	\$ -	\$ 860,717	\$ 4,001,888	\$ -
SMB-34	Pacific Palisades Green Street Project 3	SMB	No	\$ 3,458,501	\$ 612,180	\$ 2,846,321	\$ -	\$ -	\$ -
SMB-35	Pacific Palisades Green Street Project 4	SMB	No	\$ 5,725,239	\$ -	\$ -	\$ 1,013,409	\$ 4,711,830	\$ -
SMB-36	Pacific Palisades Green Street Project 5	SMB	No	\$ 4,185,768	\$ 740,912	\$ 3,444,857	\$ -	\$ -	\$ -
SMB-37	Brentwood - West Los Angeles Green Street Project 1	SMB	No	\$ 1,332,439	\$ -	\$ -	\$ 235,851	\$ 1,096,587	\$ -
SMB-38	Brentwood Green Street Project 1	SMB	No	\$ 1,398,795	\$ 247,597	\$ 1,151,198	\$ -	\$ -	\$ -
SMB-39	Brentwood Green Street Project 2	SMB	No	\$ 2,595,866	\$ -	\$ -	\$ 459,487	\$ 2,136,379	\$ -
SMB-40	Brentwood Green Street Project 3	SMB	No	\$ 398,139	\$ 70,474	\$ 327,666	\$ -	\$ -	\$ -
SMB-41	Brentwood Green Street Project 4	SMB	No	\$ 913,065	\$ -	\$ -	\$ 161,619	\$ 751,446	\$ -
SMB-42	Brentwood Green Street Project 5	SMB	No	\$ 180,490	\$ 31,948	\$ 148,542	\$ -	\$ -	\$ -
SMB-43	Brentwood Green Street Project 6	SMB	No	\$ 5,640,303	\$ -	\$ -	\$ 998,375	\$ 4,641,928	\$ -
SMB-44	Pacific Palisades - Palisades Highlands Green Street Project 1	SMB	No	\$ 1,852,674	\$ 327,937	\$ 1,524,737	\$ -	\$ -	\$ -
SMB-45	Palisades Highlands Green Street Project 1	SMB	No	\$ 594,554	\$ -	\$ -	\$ 105,240	\$ 489,314	\$ -
SMB-46	Palisades Highlands Green Street Project 2	SMB	No	\$ 2,664,877	\$ 471,703	\$ 2,193,174	\$ -	\$ -	\$ -
SMB-47	Palisades Highlands Green Street Project 3	SMB	No	\$ 1,451,880	\$ -	\$ -	\$ 256,993	\$ 1,194,887	\$ -
SMB-48	Palisades Highlands Green Street Project 4	SMB	No	\$ 2,258,775	\$ 399,820	\$ 1,858,956	\$ -	\$ -	\$ -
SMB-49	Westchester Green Street Project 10	SMB	No	\$ 748,501	\$ -	\$ -	\$ 132,490	\$ 616,011	\$ -
SMB-50	Westchester Green Street Project 11	SMB	No	\$ 424,682	\$ 75,172	\$ 349,510	\$ -	\$ -	\$ -
SMB-51	Westchester Green Street Project 12	SMB	No	\$ 793,624	\$ -	\$ -	\$ 140,477	\$ 653,147	\$ -
SMB-52	Venice Green Street Project 3	SMB	No	\$ 915,720	\$ 162,089	\$ 753,631	\$ -	\$ -	\$ -
SMB-53	Venice Green Street Project 4	SMB	No	\$ 448,570	\$ -	\$ -	\$ 79,400	\$ 369,170	\$ -
SMB-54	Pacific Palisades Green Street Project 6	SMB	No	\$ 236,229	\$ 41,814	\$ 194,415	\$ -	\$ -	\$ -
SMB-55	Pacific Palisades Green Street Project 7	SMB	No	\$ 145,984	\$ -	\$ -	\$ 25,840	\$ 120,144	\$ -
SMB-56	Pacific Palisades Green Street Project 8	SMB	No	\$ 71,665	\$ 12,685	\$ 58,980	\$ -	\$ -	\$ -
SMB-57	Pacific Palisades Green Street Project 9	SMB	No	\$ 188,452	\$ -	\$ -	\$ 33,357	\$ 155,095	\$ -
SMB-58	Pacific Palisades Green Street Project 10	SMB	No	\$ 143,330	\$ 25,370	\$ 117,960	\$ -	\$ -	\$ -
SMB-59	Pacific Palisades Green Street Project 11	SMB	No	\$ 276,043	\$ -	\$ -	\$ 48,862	\$ 227,181	\$ -
SMB-60	Pacific Palisades Green Street Project 12	SMB	No	\$ 79,628	\$ 14,095	\$ 65,533	\$ -	\$ -	\$ -
SMB-61	Pacific Palisades Green Street Project 13	SMB	No	\$ 95,553	\$ -	\$ -	\$ 16,914	\$ 78,640	\$ -
SMB-62	Pacific Palisades Green Street Project 14	SMB	No	\$ 69,011	\$ 12,215	\$ 56,795	\$ -	\$ -	\$ -
SMB-63	Pacific Palisades Green Street Project 15	SMB	No	\$ 1,818,168	\$ -	\$ -	\$ 321,829	\$ 1,496,339	\$ -
SMB-64	Pacific Palisades Green Street Project 16	SMB	No	\$ 26,543	\$ 4,698	\$ 21,844	\$ -	\$ -	\$ -
SMB-65	Pacific Palisades Green Street Project 17	SMB	No	\$ 867,943	\$ -	\$ -	\$ 153,632	\$ 714,311	\$ -
SMB-66	Venice - Mar Vista Green Street Project 1	SMB	No	\$ 618,443	\$ 109,469	\$ 508,974	\$ -	\$ -	\$ -
SMB-67	Venice Green Street Project 5	SMB	No	\$ 201,724	\$ -	\$ -	\$ 35,707	\$ 166,017	\$ -
SMB-68	Venice Green Street Project 6	SMB	No	\$ 345,054	\$ 61,077	\$ 283,977	\$ -	\$ -	\$ -
SMB-69	Venice Green Street Project 7	SMB	No	\$ 6,404,730	\$ -	\$ -	\$ 1,133,684	\$ 5,271,046	\$ -
SMB-70	Westchester Green Street Project 13	SMB	No	\$ 552,086	\$ 97,723	\$ 454,363	\$ -	\$ -	\$ -
SMB-71	Westchester - Playa del Rey Green Streets Project 3	SMB	No	\$ 92,899	\$ -	\$ -	\$ 16,444	\$ 76,455	\$ -
SMB-72	Playa Del Rey Green Street Project 2	SMB	No	\$ 140,676	\$ 24,901	\$ 115,775	\$ -	\$ -	\$ -
SMB-73	Westchester Green Street Project 14	SMB	No	\$ 63,702	\$ -	\$ -	\$ 11,276	\$ 52,426	\$ -
SMB-74	Westchester Green Street Project 15	SMB	No	\$ 3,370,910	\$ 596,676	\$ 2,774,235	\$ -	\$ -	\$ -
SMB-75	Westchester Green Street Project 16	SMB	No	\$ 69,011	\$ -	\$ -	\$ 12,215	\$ 56,795	\$ -
SMB-76	Westchester Green Street Project 17	SMB	No	\$ 156,601	\$ 27,720	\$ 128,882	\$ -	\$ -	\$ -
SMB-77	Westchester Green Street Project 18	SMB	No	\$ 108,825	\$ -	\$ -	\$ 19,263	\$ 89,562	\$ -
SMB-78	Westchester Green Street Project 5	SMB	No	\$ 148,639	\$ 26,310	\$ 122,328	\$ -	\$ -	\$ -
SMB-79	Westchester Green Street Project 6	SMB	No	\$ 84,936	\$ -	\$ -	\$ 15,034	\$ 69,902	\$ -
SMB-80	Westchester Green Street Project 7	SMB	No	\$ 169,873	\$ 30,069	\$ 139,804	\$ -	\$ -	\$ -
SMB-81	Westchester Green Street Project 8	SMB	No	\$ 42,468	\$ -	\$ -	\$ 7,517	\$ 34,951	\$ -
SMB-82	Westchester Green Street Project 9	SMB	No	\$ 554,740	\$ 98,193	\$ 456,547	\$ -	\$ -	\$ -
DC-1	Wilmington Recreation Center Project Site	DC	Yes	\$ 41,211,056	\$ -	\$ -	\$ 3,067,722	\$ 14,487,653	\$ 23,655,681
DC-2	Harbor City Project Site	DC	No	\$ 10,079,160	\$ -	\$ -	\$ -	\$ -	\$ 10,079,160
DC-3	Averill Park Project Site	DC	No	\$ 29,089,840	\$ -	\$ -	\$ 2,165,427	\$ 10,226,467	\$ 16,697,946
DC-4	Dominguez Channel Urban Runoff Project No. 1	DC	No	\$ 3,014,000	\$ -	\$ 308,000	\$ 805,420	\$ 1,900,580	\$ -
DC-5	Dominguez Channel Urban Runoff Project No. 2	DC	No	\$ 1,411,100	\$ -	\$ -	\$ 144,200	\$ 377,083	\$ 889,817
DC-6	Dominguez Channel Urban Runoff Project No. 3	DC	No	\$ 775,420	\$ 79,240	\$ 207,213	\$ 488,967	\$ -	\$ -
DC-7	San Pedro and 3rd SW Capture Greenway (Bioswales, drywells, cisterns, etc)	DC	No	\$ 10,000,000	\$ -	\$ -	\$ 1,021,898	\$ 2,672,263	\$ 6,305,839
DC-8	South Los Angeles Green Streets Project 6	DC	Yes	\$ 4,520,440	\$ -	\$ 461,943	\$ 1,207,980	\$ 2,850,517	\$ -
DC-9	Wilmington-Harbor City Green Street Project 1	DC	Yes	\$ 15,946,240	\$ -	\$ -	\$ 1,629,543	\$ 4,261,254	\$ 10,055,443
DC-10	Wilmington-Harbor City Green Street Project 2	DC	Yes	\$ 1,670,840	\$ -	\$ 295,751	\$ 1,375,089	\$ -	\$ -
DC-11	Wilmington-Harbor City Green Street Project 3	DC	Yes	\$ 602,240	\$ -	\$ 106,601	\$ 495,639	\$ -	\$ -
DC-12	Harbor Gateway Green Street Project 1	DC	Yes	\$ 3,616,240	\$ -	\$ 369,543	\$ 966,354	\$ 2,280,343	\$ -
DC-13	San Pedro Green Street Project 1	DC	Yes	\$ 1,616,040	\$ 286,051	\$ 1,329,989	\$ -	\$ -	\$ -
DC-14	San Pedro Green Street Project 2	DC	Yes	\$ 1,487,727	\$ -	\$ -	\$ -	\$ 411,543	\$ 1,076,184
DC-15	San Pedro Green Street Project 3	DC	Yes	\$ 2,027,040	\$ -	\$ 358,801	\$ 1,668,239	\$ -	\$ -
DC-16	Wilmington-Harbor City Green Street Project 4	DC	Yes	\$ 7,342,640	\$ -	\$ -	\$ 750,343	\$ 1,962,146	\$ 4,630,151
DC-17	Wilmington-Harbor City Green Street Project 5	DC	Yes	\$ 1,835,240	\$ 324,851	\$ 1,510,389	\$ -	\$ -	\$ -

No.	Project Name	Watershed	Cost Sharing Opportunity	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
DC-18	Wilmington-Harbor City Green Street Project 6	DC	Yes	\$ 14,083,040	\$ -	\$ -	\$ 1,439,143	\$ 3,763,358	\$ 8,880,539
DC-19	Harbor Gateway Green Street Project 2	DC	Yes	\$ 2,575,040	\$ -	\$ 455,801	\$ 2,119,239	\$ -	\$ -
DC-20	Wilmington - Harbor City Green Street Project 7	DC	Yes	\$ 10,603,240	\$ -	\$ -	\$ 1,083,543	\$ 2,833,464	\$ 6,686,233
DC-21	Wilmington - Harbor City Green Street Project 8	DC	Yes	\$ 3,287,440	\$ -	\$ 335,943	\$ 878,490	\$ 2,073,007	\$ -
DC-22	Wilmington - Harbor City Green Street Project 9	DC	Yes	\$ 7,123,440	\$ -	\$ -	\$ 727,943	\$ 1,903,570	\$ 4,491,927
DC-23	Wilmington - Harbor City Green Street Project 10	DC	Yes	\$ 4,219,040	\$ -	\$ 431,143	\$ 1,127,438	\$ 2,660,459	\$ -
DC-24	Wilmington - Harbor City Green Street Project 11	DC	Yes	\$ 4,666,035	\$ -	\$ -	\$ -	\$ 1,290,743	\$ 3,375,292
DC-25	Harbor Gateway Green Street Project 3	DC	Yes	\$ 7,616,640	\$ -	\$ 778,343	\$ 2,035,366	\$ 4,802,931	\$ -
DC-26	Wilmington - Harbor City Green Street Project 12	DC	Yes	\$ 1,999,640	\$ 353,951	\$ 1,645,689	\$ -	\$ -	\$ -
DC-27	Wilmington - Harbor City Green Street Project 13	DC	Yes	\$ 4,219,040	\$ -	\$ -	\$ 431,143	\$ 1,127,438	\$ 2,660,459
DC-28	San Pedro Green Street Project 4	DC	Yes	\$ 5,945,240	\$ -	\$ -	\$ 607,543	\$ 1,588,724	\$ 3,748,973
DC-29	Wilmington - Harbor City Green Street Project 14	DC	Yes	\$ 17,645,040	\$ -	\$ -	\$ 1,803,143	\$ 4,715,218	\$ 11,126,679
DC-30	Wilmington - Harbor City Green Street Project 15	DC	Yes	\$ 16,987,440	\$ -	\$ -	\$ 1,735,943	\$ 4,539,490	\$ 10,712,007
DC-31	Wilmington - Harbor City Green Street Project 16	DC	Yes	\$ 4,712,240	\$ -	\$ -	\$ 481,543	\$ 1,259,234	\$ 2,971,463
DC-32	San Pedro Green Street Project 5	DC	Yes	\$ 1,944,840	\$ 344,251	\$ 1,600,589	\$ -	\$ -	\$ -
DC-33	Harbor Gateway Green Street Project 4	DC	Yes	\$ 355,640	\$ 62,951	\$ 292,689	\$ -	\$ -	\$ -
DC-34	San Pedro Green Street Project 6	DC	Yes	\$ 14,247,440	\$ -	\$ -	\$ 1,455,943	\$ 3,807,290	\$ 8,984,207
DC-35	San Pedro Green Street Project 7	DC	Yes	\$ 2,492,840	\$ -	\$ 441,251	\$ 2,051,589	\$ -	\$ -
DC-36	Wilmington - Harbor City Green Street Project 17	DC	Yes	\$ 4,109,440	\$ -	\$ -	\$ 419,943	\$ 1,098,150	\$ 2,591,347
DC-37	Harbor Gateway Green Street Project 5	DC	Yes	\$ 5,698,640	\$ -	\$ -	\$ 582,343	\$ 1,522,826	\$ 3,593,471
DC-38	San Pedro Green Street Project 8	DC	Yes	\$ 3,068,240	\$ -	\$ 313,543	\$ 819,914	\$ 1,934,783	\$ -
DC-39	San Pedro Green Street Project 9	DC	Yes	\$ 4,356,040	\$ -	\$ -	\$ 445,143	\$ 1,164,048	\$ 2,746,849
MDR-1	Via Dolce Park	MDR	Yes	\$ 17,981,777	\$ 1,837,554	\$ 4,805,203	\$ 11,339,020	\$ -	\$ -
MDR-2	Canal Park	MDR	No	\$ 467,757	\$ 82,796	\$ 384,961	\$ -	\$ -	\$ -
MDR-3	Triangle Park	MDR	No	\$ 95,251	\$ 16,860	\$ 78,391	\$ -	\$ -	\$ -
MDR-4	Venice of America Centennial Park	MDR	No	\$ 592,826	\$ 104,935	\$ 487,892	\$ -	\$ -	\$ -
MDR-5	Marina del Rey Tree Wells Project	MDR	No	\$ 1,434,643	\$ 253,942	\$ 1,180,701	\$ -	\$ -	\$ -
MDR-6	Venice Blvd. Neighborhood Green Streets	MDR	No	\$ 82,348,033	\$ 6,034,849	\$ 28,500,233	\$ 46,535,655	\$ 1,277,296	\$ -
MDR-7	Marina del Rey Green Streets Project 1	MDR	No	\$ 1,666,097	\$ 170,258	\$ 445,225	\$ 1,050,614	\$ -	\$ -
MDR-8	Marina del Rey Green Streets Project 2	MDR	No	\$ 3,361,567	\$ 343,518	\$ 898,299	\$ 2,119,750	\$ -	\$ -
MDR-9	Marina del Rey Green Streets Project 3	MDR	No	\$ 15,944,378	\$ 1,168,479	\$ 5,518,268	\$ 9,010,319	\$ 247,312	\$ -
MDR-10	Marina del Rey Green Streets Project 4	MDR	No	\$ 18,973,098	\$ 1,390,437	\$ 6,566,492	\$ 10,721,878	\$ 294,291	\$ -
MDR-11	Marina del Rey Green Streets Project 5	MDR	No	\$ 100,503,521	\$ 7,365,368	\$ 34,783,755	\$ 56,795,493	\$ 1,558,905	\$ -
MDR-12	Venice Green Street Project- 1	MDR	Yes	\$ 10,548,440	\$ 1,077,943	\$ 2,818,820	\$ 6,651,677	\$ -	\$ -
TOTAL				\$ 3,412,945,135	\$ 282,259,484	\$ 907,981,304	\$ 1,556,076,022	\$ 410,447,541	\$ 256,180,784

Notes:
LISTED PROJECTS ARE A PARTIAL LIST OF MANAGEMENT ACTIONS THAT NEED TO OCCUR TO MEET IMMEDIATE MILESTONES OF THE TMDLs,
IMPLEMENTATION OF PROJECTS DOES NOT RESULT IN MEETING FINAL TMDL MILESTONES, ADDITIONAL MANAGEMENT ACTIONS
ARE REQUIRED.



City of Los Angeles Stormwater and Green Infrastructure 5-Year Capital Improvement Plan

Appendix C - Project Summary Sheets



CITY OF LOS ANGELES, BUREAU OF SANITATION
WATERSHED PROTECTION DIVISION

PROJECT INFORMATION FORM

Title	LA River Segment B Urban Runoff Project No. 1
Location	Dry-weather Flow element: 2nd St & Santa Fe ; Wet-weather Flow element: Patton St. & Temple St.
Council District	1 & 9
Description	<p>Consist of two elements addressing the dry- and wet-weather stormwater elements.</p> <p>1. Dry-weather Flow: Dry-weather flow from the county-owned 13-foot storm drain at 2nd Street will be intercepted by the installation of a diversion weir sized to minimize any hydraulic head losses to the existing system. Structural elements include an LFD. This diverted flow will then travel by gravity to the trunk sanitary sewer, Northeast Interceptor Sewer, located approximately at 7th Street and Santa Fe.</p> <p>2. Wet-weather flow: The proposed retrofit would involve creating curb cuts to the existing sidewalk and installing bioretention cells along some section. The available parking lane would be paved with permeable pavement. The interior portions of the cells would be vegetated with native shrubs and grasses.</p>
Justification	Achieve compliance with the LA River Bacteria TMDL - Segment B

Proposed Schedule	FY 18/19				FY 19/20				FY 20/21				FY 21/22				FY 22/23			
	2018	2019	2019	2020	2020	2021	2021	2022	2022	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023
	JAS	OND	JFM	AMJ	JAS	OND	JFM	AMJ	JAS	OND	JFM	AMJ	JAS	OND	JFM	AMJ	JAS	OND	JFM	AMJ
Pre-Design	X																			
Design		X	X																	
Right of Way				X																
Bid & Award				X																
Construction					X	X														
Post-Construction							X													
Total																				
FAP	\$ 456,000.00	\$ 456,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CTP	\$ 684,000.00	\$ 684,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
R/W	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CONS	\$ 5,700,000.00	\$ -	\$ 5,700,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
FACM	\$ 242,250.00	\$ 60,562.50	\$ 181,687.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CTCM	\$ 726,750.00	\$ 181,687.50	\$ 545,062.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 7,809,000.00	\$ 1,382,250.00	\$ 6,426,750.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Notes:

FAP = City Planning/Design; CTP = Consultant Planning/Design (FAP + CTP = 20% CONS | FAP = 40%, CTP = 60%)

R/W = Right of Way

CONS = Construction

FACM = City Construction Management; CTCM = Consultant Construction Management (FACM + CTCM = 17% CONS | FACM = 25%, CTCM = 75%)



Attachment 4. 5-Year Stormwater CIP prioritized for disadvantaged communities and flood protection needs

**City of Los Angeles Stormwater and Green
Infrastructure 5-Year Capital Improvement Plan
Within Disadvantaged Communities (DAC)**

No.	Project Name	Watershed	Council District	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Upper Los Angeles River Watershed									
ULAR-21	North Hollywood EWMP Regional Project 2	ULAR	2,4	\$ 3,516,000	\$ -	\$ -	\$ 359,000	\$ 940,000	\$ 2,217,000
ULAR-22	Reseda EWMP Regional Project 2	ULAR	6,7,12	\$ 7,620,000	\$ 779,000	\$ 2,036,000	\$ 4,805,000	\$ -	\$ -
ULAR-36	Northeast Los Angeles EWMP Regional Project 3	ULAR	1	\$ 4,453,000	\$ -	\$ 455,000	\$ 1,190,000	\$ 2,808,000	\$ -
ULAR-15	Sun Valley EWMP Regional Project 1	ULAR	2,6	\$ 4,833,000	\$ 495,000	\$ 1,291,000	\$ 3,047,000	\$ -	\$ -
ULAR-38	North Hollywood EWMP Regional Project 4	ULAR	2,4	\$ 1,602,000	\$ -	\$ 164,000	\$ 428,000	\$ 1,010,000	\$ -
ULAR-50	Van Nuys EWMP Regional Project 3	ULAR	2,4	\$ 259,000	\$ -	\$ -	\$ 27,000	\$ 69,000	\$ 163,000
ULAR-11	Northeast Los Angeles EWMP Regional Project 1	ULAR	1,14	\$ 19,569,000	\$ 1,433,000	\$ 6,773,000	\$ 11,059,000	\$ 304,000	\$ -
ULAR-20	Van Nuys EWMP Regional Project 1	ULAR	2,4,6	\$ 12,259,000	\$ 1,252,000	\$ 3,276,000	\$ 7,731,000	\$ -	\$ -
ULAR-64	Reseda Green Street Project 12	ULAR	3,6,12	\$ 2,712,000	\$ 277,000	\$ 725,000	\$ 1,710,000	\$ -	\$ -
ULAR-9	Hooper Ave Greenway Alley	ULAR	9	\$ 5,000,000	\$ 511,000	\$ 1,336,000	\$ 3,153,000	\$ -	\$ -
ULAR-1	North Hollywood Park Project	ULAR	2,6	\$ 55,173,000	\$ 4,107,000	\$ 19,396,000	\$ 31,670,000	\$ -	\$ -
ULAR-53	Northeast Los Angeles Green Street Project 1	ULAR	14	\$ 5,315,000	\$ 543,000	\$ 1,420,000	\$ 3,352,000	\$ -	\$ -
ULAR-29	Reseda EWMP Regional Project 3	ULAR	3,12	\$ 5,518,000	\$ 563,000	\$ 1,475,000	\$ 3,480,000	\$ -	\$ -
ULAR-10	San Fernando Rd from Elm St to Eagle Rock Blvd	ULAR	1,13	\$ 4,110,000	\$ 420,000	\$ 1,098,000	\$ 2,592,000	\$ -	\$ -
ULAR-2	Chase St. Priority Greenway + Bull Creek Park	ULAR	6,12	\$ 3,070,000	\$ 314,000	\$ 820,000	\$ 1,936,000	\$ -	\$ -
ULAR-32	Sun Valley EWMP Regional Project 6	ULAR	6,7	\$ 3,575,000	\$ 366,000	\$ 955,000	\$ 2,254,000	\$ -	\$ -
ULAR-59	Arleta Green Streets Project 1	ULAR	6,7	\$ 3,890,000	\$ 397,000	\$ 1,040,000	\$ 2,453,000	\$ -	\$ -
ULAR-7	Boyle Heights Joint Use Community Center	ULAR	1,14	\$ 2,819,000	\$ -	\$ -	\$ 288,000	\$ 753,000	\$ 1,778,000
ULAR-55	Southeast Los Angeles Green Street Project 4	ULAR	9	\$ 3,013,000	\$ 308,000	\$ 805,000	\$ 1,900,000	\$ -	\$ -
ULAR-34	Canoga Park EWMP Regional Project 2	ULAR	3, 12	\$ 3,590,000	\$ -	\$ 367,000	\$ 959,000	\$ 2,264,000	\$ -
ULAR-27	Encino EWMP Regional Project 1	ULAR	5, 6	\$ 6,962,000	\$ 711,000	\$ 1,861,000	\$ 4,390,000	\$ -	\$ -
ULAR-5	Upgrades to Pump Plant 622 and Associated Stormwater Treatment Opportunities	ULAR	4, 5, 6	\$ 3,987,000	\$ 408,000	\$ 1,065,000	\$ 2,514,000	\$ -	\$ -
ULAR-43	Mission Hills EWMP Regional Project 1	ULAR	6	\$ 2,271,000	\$ 232,000	\$ 607,000	\$ 1,432,000	\$ -	\$ -
ULAR-4	Upgrades to Pump Plant 621 and Associated Stormwater Treatment Opportunities	ULAR	2	\$ 3,840,000	\$ -	\$ -	\$ 393,000	\$ 1,026,000	\$ 2,421,000
ULAR-23	Granada Hills EWMP Regional Project 1	ULAR	7, 12	\$ 33,328,000	\$ -	\$ -	\$ 3,406,000	\$ 8,906,000	\$ 21,016,000
ULAR-41	Northridge EWMP Regional Project 1	ULAR	12	\$ 2,482,000	\$ -	\$ -	\$ 254,000	\$ 663,000	\$ 1,565,000
ULAR-57	Northeast Los Angeles Green Street Project 6	ULAR	1	\$ 1,589,000	\$ -	\$ -	\$ 282,000	\$ 1,307,000	\$ -
ULAR-60	Reseda Green Street Project 8	ULAR	3	\$ 4,055,000	\$ 414,000	\$ 1,084,000	\$ 2,557,000	\$ -	\$ -
ULAR-12	Southeast Los Angeles EWMP Project 1	ULAR	8	\$ 9,415,000	\$ -	\$ 962,000	\$ 2,516,000	\$ 5,937,000	\$ -
ULAR-47	Southeast Los Angeles EWMP Project 2	ULAR	15	\$ 3,132,000	\$ -	\$ -	\$ 320,000	\$ 837,000	\$ 1,975,000
ULAR-54	Southeast Los Angeles Green Street Project 2	ULAR	9	\$ 12,275,000	\$ 1,255,000	\$ 3,280,000	\$ 7,740,000	\$ -	\$ -
ULAR-46	Boyle Heights EWMP Regional Project 3	ULAR	14	\$ 1,352,000	\$ 139,000	\$ 361,000	\$ 852,000	\$ -	\$ -
ULAR-40	Northeast Los Angeles EWMP Regional Project 4	ULAR	1	\$ 2,275,000	\$ -	\$ 232,000	\$ 608,000	\$ 1,435,000	\$ -
ULAR-26	Canoga Park EWMP Regional Project 1	ULAR	3	\$ 19,215,000	\$ -	\$ 1,963,000	\$ 5,135,000	\$ 12,117,000	\$ -
ULAR-31	Boyle Heights EWMP Regional Project 1	ULAR	14	\$ 3,510,000	\$ -	\$ -	\$ 359,000	\$ 938,000	\$ 2,213,000
ULAR-52	Northeast Los Angeles EWMP Regional Project 7	ULAR	4, 13	\$ 1,690,000	\$ -	\$ -	\$ 173,000	\$ 452,000	\$ 1,065,000
ULAR-18	Sun Valley EWMP Regional Project 4	ULAR	6	\$ 12,595,000	\$ 1,287,000	\$ 3,366,000	\$ 7,942,000	\$ -	\$ -
ULAR-39	Boyle Heights EWMP Regional Project 2	ULAR	14	\$ 3,285,000	\$ -	\$ -	\$ 336,000	\$ 878,000	\$ 2,071,000
ULAR-30	Northeast Los Angeles EWMP Regional Project 2	ULAR	1	\$ 5,099,000	\$ -	\$ 521,000	\$ 1,363,000	\$ 3,215,000	\$ -
ULAR-19	Reseda EWMP Regional Project 1	ULAR	3	\$ 9,388,000	\$ -	\$ -	\$ 959,000	\$ 2,509,000	\$ 5,920,000
ULAR-25	Sun Valley EWMP Regional Project 5	ULAR	6	\$ 3,146,000	\$ 321,000	\$ 841,000	\$ 1,984,000	\$ -	\$ -
	G-2 Parcel Project	ULAR	1	\$ 60,000,000	\$ -	\$ -	\$ 12,000,000	\$ 18,000,000	\$ 24,000,000
	Figueroa Green Street Project	ULAR	1	\$ 4,100,000	\$ 820,000	\$ 1,230,000	\$ 1,640,000	\$ 410,000	\$ -
	Green Stormwater Infrastructure Public Right-of-Way LID Sidewalk Repair Projects	ULAR	2	\$ 2,645,000	\$ 528,000	\$ 794,000	\$ 1,058,000	\$ 265,000	\$ -
	Whitsett Sports Field Stormwater Capture	ULAR	2	\$ 6,317,000	\$ -	\$ 1,263,000	\$ 1,895,000	\$ 2,527,000	\$ 632,000
	Sherman Way Green Street	ULAR	3	\$ 3,750,000	\$ 750,000	\$ 1,125,000	\$ 1,500,000	\$ 375,000	\$ -
	Caballero Creek Confluence Wetlands Park	ULAR	3	\$ 3,900,000	\$ 780,000	\$ 1,170,000	\$ 1,560,000	\$ 390,000	\$ -
	Osborne Green Street	ULAR	6	\$ 5,480,000	\$ -	\$ 1,096,000	\$ 1,644,000	\$ 2,192,000	\$ 548,000
	Van Nuys Neighborhood Greenway Project	ULAR	6	\$ 6,135,000	\$ -	\$ 1,226,000	\$ 1,841,000	\$ 2,454,000	\$ 614,000
	Rosa Parks Learning Center Stormwater Capture Project	ULAR	6	\$ 3,500,000	\$ 700,000	\$ 1,050,000	\$ 1,400,000	\$ 350,000	\$ -

**City of Los Angeles Stormwater and Green
Infrastructure 5-Year Capital Improvement Plan
Within Disadvantaged Communities (DAC)**

No.	Project Name	Watershed	Council District	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
	Whitnall Highway Powerline Easement Stormwater Capture Project	ULAR	7	\$ 8,800,000	\$ -	\$ 1,760,000	\$ 2,640,000	\$ 3,520,000	\$ 880,000
	Pacoima Green Alleys	ULAR	7	\$ 18,500,000	\$ -	\$ 3,700,000	\$ 5,550,000	\$ 7,400,000	\$ 1,850,000
	Central Green Street	ULAR	9	\$ 3,950,000	\$ 790,000	\$ 1,185,000	\$ 1,580,000	\$ 395,000	\$ -
	South LA Western-MLK Green Alley Network	ULAR	9	\$ 6,020,000	\$ -	\$ 1,204,000	\$ 1,806,000	\$ 2,408,000	\$ 602,000
	Reseda Green Street	ULAR	12	\$ 4,150,000	\$ 830,000	\$ 1,245,000	\$ 1,660,000	\$ 415,000	\$ -
	Chase Street Greenway Project	ULAR	12	\$ 3,500,000	\$ 700,000	\$ 1,050,000	\$ 1,400,000	\$ 350,000	\$ -
	Los Angeles River Street Ends Stormwater Greenway Project	ULAR	13	\$ 6,200,000	\$ -	\$ 1,240,000	\$ 1,860,000	\$ 2,480,000	\$ 620,000
	Boyle Heights Lorena-Stevenson Green Alley Network	ULAR	14	\$ 5,932,000	\$ -	\$ 1,186,000	\$ 1,780,000	\$ 2,373,000	\$ 593,000
	Hollenbeck Park Lake Rehabilitation	ULAR	14	\$ 29,000,000	\$ -	\$ 5,800,000	\$ 8,700,000	\$ 11,600,000	\$ 2,900,000

**Grand Total
Project Cost** **\$ 478,666,000**

Total by FY **\$ 22,430,000** **\$ 86,899,000** **\$ 181,422,000** **\$ 106,272,000** **\$ 75,643,000**
Cummulative Total **\$ 109,329,000** **\$ 290,751,000** **\$ 397,023,000** **\$ 472,666,000**

**City of Los Angeles Stormwater and Green
Infrastructure 5-Year Capital Improvement Plan
Within Disadvantaged Communities (DAC)**

No.	Project Name	Watershed	Council District	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Dominguez Channel Watershed									
DC-3	Averill Park Project Site	DC	15	\$ 29,090,000	\$ -	\$ -	\$ 2,166,000	\$ 10,226,000	\$ 16,698,000
DC-15	San Pedro Green Street Project 3	DC	15	\$ 2,027,000	\$ -	\$ 359,000	\$ 1,668,000	\$ -	\$ -
DC-6	Dominguez Channel Urban Runoff Project No. 3	DC	15	\$ 775,000	\$ 79,000	\$ 207,000	\$ 489,000	\$ -	\$ -
DC-36	Wilmington - Harbor City Green Street Project 17	DC	15	\$ 4,109,000	\$ -	\$ -	\$ 420,000	\$ 1,098,000	\$ 2,591,000
DC-5	Dominguez Channel Urban Runoff Project No. 2	DC	15	\$ 1,411,000	\$ -	\$ -	\$ 144,000	\$ 377,000	\$ 890,000
DC-21	Wilmington - Harbor City Green Street Project 8	DC	15	\$ 3,287,000	\$ -	\$ 336,000	\$ 878,000	\$ 2,073,000	\$ -
DC-7	San Pedro and 3rd SW Capture Greenway (Bioswales, drywells, cisterns, etc)	DC	15	\$ 10,000,000	\$ -	\$ -	\$ 1,022,000	\$ 2,672,000	\$ 6,306,000
DC-26	Wilmington - Harbor City Green Street Project 12	DC	15	\$ 2,000,000	\$ 354,000	\$ 1,646,000	\$ -	\$ -	\$ -
DC-22	Wilmington - Harbor City Green Street Project 9	DC	15	\$ 7,123,000	\$ -	\$ -	\$ 727,000	\$ 1,904,000	\$ 4,492,000
DC-1	Wilmington Recreation Center Project Site	DC	15	\$ 41,860,000	\$ -	\$ -	\$ 4,278,000	\$ 11,186,000	\$ 26,396,000
DC-2	Harbor City Project Site	DC	15	\$ 10,079,000	\$ -	\$ -	\$ -	\$ -	\$ 10,079,000
DC-4	Dominguez Channel Urban Runoff Project No. 1	DC	15	\$ 3,014,000	\$ -	\$ 308,000	\$ 805,000	\$ 1,901,000	\$ -
DC-25	Harbor Gateway Green Street Project 3	DC	15	\$ 7,617,000	\$ -	\$ 779,000	\$ 2,035,000	\$ 4,803,000	\$ -
DC-33	Harbor Gateway Green Street Project 4	DC	15	\$ 356,000	\$ 63,000	\$ 293,000	\$ -	\$ -	\$ -
DC-12	Harbor Gateway Green Street Project 1	DC	15	\$ 3,616,000	\$ -	\$ 370,000	\$ 966,000	\$ 2,280,000	\$ -
DC-8	South Los Angeles Green Streets Project 6	DC	8	\$ 4,520,000	\$ -	\$ 462,000	\$ 1,208,000	\$ 2,850,000	\$ -
DC-30	Wilmington - Harbor City Green Street Project 15	DC	15	\$ 16,987,000	\$ -	\$ -	\$ 1,736,000	\$ 4,539,000	\$ 10,712,000
	Gaffey Green Street	DC	15	\$ 4,250,000	\$ 850,000	\$ 1,275,000	\$ 1,700,000	\$ 425,000	\$ -
	Watts Tower Area Green Street	DC	15	\$ 6,300,000	\$ -	\$ 1,260,000	\$ 1,890,000	\$ 2,520,000	\$ 630,000

**Grand Total
Project Cost**

\$ 158,421,000

Total by FY \$ 1,346,000 \$ 7,295,000 \$ 22,132,000 \$ 48,854,000 \$ 78,794,000
Cummulative Total \$ 8,641,000 \$ 30,773,000 \$ 79,627,000 \$ 158,421,000

**City of Los Angeles Stormwater and Green
Infrastructure 5-Year Capital Improvement Plan
Within Disadvantaged Communities (DAC)**

No.	Project Name	Watershed	Council District	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
Ballona Creek, Santa Monica Bay, and Marina Del Rey Watershed									
BC-4	Poinsettia Park	BC	4,5,13	\$ 15,095,000	\$ 1,543,000	\$ 4,034,000	\$ 9,518,000	\$ -	\$ -
BC-15	West Adams EWMP Regional Project 1	BC	8,10	\$ 7,731,000	\$ 790,000	\$ 2,066,000	\$ 4,875,000	\$ -	\$ -
BC-80	Hollywood Green Streets Project 9	BC	4,13	\$ 219,000	\$ 39,000	\$ 180,000	\$ -	\$ -	\$ -
BC-40	Hollywood EWMP Regional Project 1	BC	4,13	\$ 3,070,000	\$ 314,000	\$ 820,000	\$ 1,936,000	\$ -	\$ -
BC-18	South Los Angeles EWMP Regional Project 2	BC	1,8,9,10,13,14	\$ 4,184,000	\$ 428,000	\$ 1,118,000	\$ 2,638,000	\$ -	\$ -
BC-9	Manchester Neighborhood Greenway Project	BC	8,9	\$ 780,000	\$ -	\$ 138,000	\$ 642,000	\$ -	\$ -
BC-45	Silver Lake EWMP Regional Project 1	BC	4,13	\$ 3,012,000	\$ 308,000	\$ 805,000	\$ 1,899,000	\$ -	\$ -
BC-1	Lafayette Park	BC	1,4,10,13	\$ 27,256,000	\$ 2,785,000	\$ 7,284,000	\$ 17,187,000	\$ -	\$ -
BC-17	Wilshire EWMP Regional Project 2	BC	4,10,13	\$ 2,628,000	\$ 269,000	\$ 702,000	\$ 1,657,000	\$ -	\$ -
BC-157	Hancock Park Regional Project 3	BC	4,5,10	\$ 7,493,000	\$ 766,000	\$ 2,002,000	\$ 4,725,000	\$ -	\$ -
BC-55	Hollywood Green Streets Project 1	BC	4,13	\$ 8,576,000	\$ 876,000	\$ 2,292,000	\$ 5,408,000	\$ -	\$ -
BC-165	Los Feliz Regional Project 1	BC	4,13	\$ 47,946,000	\$ 4,900,000	\$ 12,812,000	\$ 30,234,000	\$ -	\$ -
BC-19	West Adams EWMP Regional Project 2	BC	10	\$ 2,054,000	\$ 210,000	\$ 549,000	\$ 1,295,000	\$ -	\$ -
BC-48	South Los Angeles EWMP Regional Project 10	BC	8,9,10	\$ 2,243,000	\$ 230,000	\$ 599,000	\$ 1,414,000	\$ -	\$ -
BC-39	Wilshire EWMP Regional Project 5	BC	4,10,13	\$ 2,634,000	\$ 269,000	\$ 704,000	\$ 1,661,000	\$ -	\$ -
BC-13	South Los Angeles EWMP Regional Project 1	BC	8,9	\$ 3,229,000	\$ 330,000	\$ 863,000	\$ 2,036,000	\$ -	\$ -
BC-10	Occidental Blvd Green Street Greening	BC	1,13	\$ 5,480,000	\$ 560,000	\$ 1,464,000	\$ 3,456,000	\$ -	\$ -
BC-74	Wilshire Green Streets Project 5	BC	4,5,10	\$ 3,287,000	\$ 336,000	\$ 878,000	\$ 2,073,000	\$ -	\$ -
BC-24	Southeast Los Angeles EWMP Regional Project 1	BC	9,14	\$ 3,353,000	\$ 343,000	\$ 896,000	\$ 2,114,000	\$ -	\$ -
BC-35	South Los Angeles EWMP Regional Project 5	BC	1,10	\$ 1,048,000	\$ 107,000	\$ 280,000	\$ 661,000	\$ -	\$ -
BC-7	Vermont Square Park Stormwater Treatment and Infiltration Project	BC	8,9,10	\$ 2,113,000	\$ 216,000	\$ 565,000	\$ 1,332,000	\$ -	\$ -
BC-28	South Los Angeles EWMP Regional Project 3	BC	8,10	\$ 3,196,000	\$ 327,000	\$ 854,000	\$ 2,015,000	\$ -	\$ -
BC-64	South Los Angeles Green Streets Project 2	BC	8	\$ 1,726,000	\$ 306,000	\$ 1,420,000	\$ -	\$ -	\$ -
BC-86	West Adams EWMP Regional Project 7	BC	4,5,10	\$ 410,000	\$ 72,000	\$ 338,000	\$ -	\$ -	\$ -
BC-95	Westchester - Playa del Rey Green Streets Project 1	BC	11	\$ 37,000	\$ 4,000	\$ 10,000	\$ 23,000	\$ -	\$ -
BC-50	Wilshire EWMP Regional Project 6	BC	4,10	\$ 483,000	\$ 49,000	\$ 129,000	\$ 305,000	\$ -	\$ -
BC-135	University Park Regional Project 1	BC	9,14	\$ 20,668,000	\$ 2,112,000	\$ 5,523,000	\$ 13,033,000	\$ -	\$ -
BC-60	West Adams Green Streets Project 1	BC	8,11	\$ 4,274,000	\$ 437,000	\$ 1,142,000	\$ 2,695,000	\$ -	\$ -
BC-154	Lafayette Square Regional Project 1	BC	10	\$ 7,049,000	\$ 720,000	\$ 1,884,000	\$ 4,445,000	\$ -	\$ -
BC-168	Melrose Regional Project 6	BC	4,13	\$ 31,101,000	\$ 3,178,000	\$ 8,311,000	\$ 19,612,000	\$ -	\$ -
BC-59	South Los Angeles Green Streets Project 1	BC	8	\$ 3,260,000	\$ 333,000	\$ 871,000	\$ 2,056,000	\$ -	\$ -
BC-137	Crenshaw District Regional Project 1	BC	10	\$ 13,404,000	\$ 1,370,000	\$ 3,582,000	\$ 8,452,000	\$ -	\$ -
BC-150	Faircrest Heights Regional Project 1	BC	10	\$ 3,302,000	\$ 338,000	\$ 882,000	\$ 2,082,000	\$ -	\$ -
BC-230	Mid-City - Cloverdale/Cochran Green Streets Project 1	BC	10	\$ 1,482,000	\$ -	\$ -	\$ 262,000	\$ 1,220,000	\$ -
BC-229	Mid-City Green Streets Project 1	BC	10	\$ 1,775,000	\$ 314,000	\$ 1,461,000	\$ -	\$ -	\$ -
BC-144	Regent Square Regional Project 1	BC	10	\$ 8,600,000	\$ 879,000	\$ 2,298,000	\$ 5,423,000	\$ -	\$ -
BC-203	Baldwin Hills Green Streets Project 2	BC	10	\$ 582,000	\$ -	\$ -	\$ 103,000	\$ 479,000	\$ -
BC-123	Cheviot Hills Regional Project 1	BC	5	\$ 10,047,000	\$ 1,026,000	\$ 2,685,000	\$ 6,336,000	\$ -	\$ -
BC-155	Mid-City Regional Project 4	BC	10	\$ 5,906,000	\$ 604,000	\$ 1,578,000	\$ 3,724,000	\$ -	\$ -
BC-152	Miracle Mile Regional Project 2	BC	4,10	\$ 11,304,000	\$ 1,155,000	\$ 3,021,000	\$ 7,128,000	\$ -	\$ -
BC-133	Wellington Square Regional Project 1	BC	10	\$ 3,157,000	\$ 323,000	\$ 844,000	\$ 1,990,000	\$ -	\$ -
BC-110	Westchester Regional Project 3	BC	11	\$ 14,846,000	\$ 1,517,000	\$ 3,967,000	\$ 9,362,000	\$ -	\$ -
BC-131	Beverlywood Regional Project 2	BC	5	\$ 6,071,000	\$ 621,000	\$ 1,622,000	\$ 3,828,000	\$ -	\$ -
BC-201	Cloverdale/Cochran - Faircrest Heights Green Streets Project 1	BC	10	\$ 2,162,000	\$ -	\$ -	\$ 383,000	\$ 1,779,000	\$ -
BC-162	Historic Filipinotown Regional Project 1	BC	1,13	\$ 10,257,000	\$ 1,048,000	\$ 2,741,000	\$ 6,468,000	\$ -	\$ -
BC-31	West Adams EWMP Regional Project 6	BC	10	\$ 1,142,000	\$ 117,000	\$ 305,000	\$ 720,000	\$ -	\$ -
SMB-27	Westchester - Playa del Rey Green Streets Project 2	SMB	11	\$ 382,000	\$ -	\$ -	\$ 68,000	\$ 314,000	\$ -
SMB-74	Westchester Green Street Project 15	SMB	11	\$ 3,371,000	\$ 597,000	\$ 2,774,000	\$ -	\$ -	\$ -
SMB-76	Westchester Green Street Project 17	SMB	11	\$ 157,000	\$ 28,000	\$ 129,000	\$ -	\$ -	\$ -
SMB-77	Westchester Green Street Project 18	SMB	11	\$ 109,000	\$ -	\$ -	\$ 19,000	\$ 90,000	\$ -

**City of Los Angeles Stormwater and Green
Infrastructure 5-Year Capital Improvement Plan
Within Disadvantaged Communities (DAC)**

No.	Project Name	Watershed	Council District	Total Project Cost	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23
SMB-72	Playa Del Rey Green Street Project 2	SMB	11	\$ 141,000	\$ 25,000	\$ 116,000	\$ -	\$ -	\$ -
SMB-49	Westchester Green Street Project 10	SMB	11	\$ 749,000	\$ -	\$ -	\$ 133,000	\$ 616,000	\$ -
SMB-51	Westchester Green Street Project 12	SMB	11	\$ 794,000	\$ -	\$ -	\$ 141,000	\$ 653,000	\$ -
SMB-73	Westchester Green Street Project 14	SMB	11	\$ 64,000	\$ -	\$ -	\$ 12,000	\$ 52,000	\$ -
SMB-75	Westchester Green Street Project 16	SMB	11	\$ 69,000	\$ -	\$ -	\$ 12,000	\$ 57,000	\$ -
SMB-78	Westchester Green Street Project 5	SMB	11	\$ 149,000	\$ 27,000	\$ 122,000	\$ -	\$ -	\$ -
SMB-79	Westchester Green Street Project 6	SMB	11	\$ 85,000	\$ -	\$ -	\$ 15,000	\$ 70,000	\$ -
SMB-80	Westchester Green Street Project 7	SMB	11	\$ 170,000	\$ 30,000	\$ 140,000	\$ -	\$ -	\$ -
SMB-81	Westchester Green Street Project 8	SMB	11	\$ 42,000	\$ -	\$ -	\$ 7,000	\$ 35,000	\$ -
SMB-82	Westchester Green Street Project 9	SMB	11	\$ 555,000	\$ 98,000	\$ 457,000	\$ -	\$ -	\$ -
	Western Green Street	BC	4	\$ 4,300,000	\$ 860,000	\$ 1,290,000	\$ 1,720,000	\$ 430,000	\$ -
	Fountain-Wilcox Stormwater Capture and Green Street	BC	4	\$ 6,000,000	\$ -	\$ 1,200,000	\$ 1,800,000	\$ 2,400,000	\$ 600,000
	Rancho Park Golf Course Stormwater Capture and Use	BC	5	\$ 17,000,000	\$ -	\$ 3,400,000	\$ 5,100,000	\$ 6,800,000	\$ 1,700,000
	Vista Neighborhood Greenway	BC	5	\$ 3,800,000	\$ 760,000	\$ 1,140,000	\$ 1,520,000	\$ 380,000	\$ -
	Crenshaw Green Street	BC	8	\$ 4,500,000	\$ 900,000	\$ 1,350,000	\$ 1,800,000	\$ 450,000	\$ -
	Manchester-87th Street Green Alley	BC	8	\$ 3,500,000	\$ 700,000	\$ 1,050,000	\$ 1,400,000	\$ 350,000	\$ -
	Pico-Fairfax Green Street	BC	10	\$ 4,100,000	\$ 820,000	\$ 1,230,000	\$ 1,640,000	\$ 410,000	\$ -
	Rancho Cienega Park Stormwater Capture	BC	10	\$ 26,112,000	\$ -	\$ 5,222,000	\$ 7,834,000	\$ 10,445,000	\$ 2,611,000
	Venice Green Street	MDR	11	\$ 3,750,000	\$ 750,000	\$ 1,125,000	\$ 1,500,000	\$ 375,000	\$ -
	Riviera Country Club Stormwater Capture and Use	SMB	11	\$ 2,967,000	\$ 593,000	\$ 890,000	\$ 1,187,000	\$ 297,000	\$ -
	Hollywood Green Street	BC	13	\$ 3,850,000	\$ 770,000	\$ 1,155,000	\$ 1,540,000	\$ 385,000	\$ -
Grand Total Project Cost				\$ 406,388,000					
Total by FY					\$ 39,427,000	\$ 109,309,000	\$ 224,654,000	\$ 28,087,000	\$ 4,911,000
Cummulative Total						\$ 148,736,000	\$ 373,390,000	\$ 401,477,000	\$ 406,388,000
Grand Total by FY					\$ 63,203,000	\$ 203,503,000	\$ 428,208,000	\$ 183,213,000	\$ 159,348,000

Attachment 5. Green stormwater infrastructure projects completed or in design/construction in the City of Los Angeles

Proposition O Projects: Completed or in Design/Construction		
Project Title	Cost	Completion Date
Albion Riverside Park	\$18,287,500	Dec-18
Aliso Creek - Limekiln Creek Restoration	\$9,345,000	Sep-19
Argo Drain Sub-basin Facility	\$26,500,000	Jan-20
Avalon Green Alley South	\$1,120,729	Sep-15
Broadway Neighborhood Stormwater Greenway	\$2,404,144	Apr-16
Catch Basin Inserts and Coverings Phase I	\$14,297,802	Sep-07
Catch Basin Opening Screen Covers Phase II	\$9,362,404	Oct-07
Catch Basin Opening Screen Covers Phase III	\$42,025,000	Jul-11
Catch Basin Inserts and Opening Screen Covers Ph IV	\$2,700,000	Oct-20
Cesar Chavez Ground Water Improvement	\$1,815,625	Oct-09
Echo Park Lake Rehabilitation	\$26,367,093	Sep-13
Elmer Avenue Phase II	\$469,042	Nov-13
Elmer Paseo	\$343,125	Nov-13
Glenoaks-Sunland Stormwater Capture	\$508,696	Jun-14
Grand Blvd. Tree Wells	\$382,444	Jul-09
Hansen Dam Wetlands Restoration	\$1,334,496	Feb-12
Imperial Highway Sunken Median Stormwater BMP	\$626,781	Nov-09
Inner Cabrillo Beach Bacterial Water Quality Improvement	\$6,956,522	Jul-09
Los Angeles Zoo Parking Lot	\$4,479,213	Sep-11
Wilmington Drain/Harbor City Greenway	\$16,093,791	Jun-15
Machado Lake Ecosystem Rehabilitation	\$75,333,722	Apr-17
Mar Vista Recreation Center Stormwater BMP (Phase 1&2)	\$2,775,435	Nov-10
Oros Green Street	\$827,000	Aug-07
Peck Park Canyon Enhancement	\$3,936,706	May-11
Penmar Water Quality Improvement Phase I	\$12,242,434	Feb-14
Penmar Water Quality Improvement Phase II	\$4,248,200	Nov-17
Rory M. Shaw Wetlands Park	\$20,000,000	Jul-21
Rosecrans Recreation Center Stormwater Enhancements	\$3,237,940	Oct-13
Santa Monica Bay Low Flow Diversion Upgrades, Pkg. 1 (5)	\$3,146,515	Jul-10
Santa Monica Bay Low Flow Diversion Upgrades, Pkg. 2 (1)	\$1,249,514	Oct-10
Santa Monica Bay Low Flow Diversion Upgrades, Pkg. 4 (2)	\$2,457,640	Apr-11
South Los Angeles Wetlands Park	\$7,029,379	Dec-11
Temescal Canyon Park Stormwater Phase I	\$8,919,895	Jan-15
Temescal Canyon Park Stormwater Phase II	\$3,595,191	Nov-17
Vermont Stormwater Greenway	\$2,677,500	May-20
Westminster Dog Park Stormwater BMP	\$254,585	Feb-10
Westside Park Rainwater Irrigation	\$3,276,179	Jul-11
Westwood Neighborhood Greenway	\$4,530,000	Nov-19
	\$345,157,242	

Non-Proposition O Projects: Completed or in Design/Construction		
Project title	Cost	Completion Date
Avalon North Green Alley	\$833,713	Sep-16
Agnes Ave Green Street	\$3,070,000	Jul-19
Bradley Green Alley	\$2,250,000	Jul-19
Branford Street Green Street	\$3,420,000	Jul-19
Central-Jefferson High Green Alley Network	\$2,850,000	Jul-19
Ed P. Reyes River Greenway	\$3,366,155	Nov-13
Elmer Ave Green Street	\$2,160,000	May-10
Lankershim Blvd Great Street	\$3,000,000	Jun-18
Van Nuys Bl Great Street	\$2,500,000	Jun-18
Garvanza Park Stormwater Infiltration and Use	\$2,304,000	Jan-13
Glenoaks and Filmore Green Street	\$2,850,000	Jul-19
Laurel Canyon Blvd Stormwater Infiltration Green Street	\$2,500,000	Sep-16
Manchester Greenway	\$650,382	Dec-15
Milton Green Street	\$916,000	Feb-18
North Atwater Creek Restoration and Park Expansion	\$2,560,000	Jan-13
North Hollywood Green Alley	\$500,000	Jul-11
Old Oak Rd Swales Green Street	\$580,000	May-14
Rainwater Harvesting Downspout Disconnection	\$625,185	Dec-11
Riverdale Avenue Green Street	\$486,451	Dec-14
Ramona Gardens Rain Gardens	\$100,000	Mar-13
Sun Valley EDA Public Improvement	\$2,000,000	Mar-16
University Park Neighborhood Rain Gardens	\$576,223	May-16
Whitnall Highway Power Line Easement	\$8,500,000	Jul-19
Woodman Ave Median Green Street	\$2,318,750	Feb-14
	\$50,916,859	

Attachment 6. Flood protection projects identified for City of Los Angeles

FLOOD CONTROL POTENTIAL PROJECTS

Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
-	447	Burwood S/O Figueroa	Central	14	\$468,300	
-	565	San Pedro 3rd Street Relief Storm Drain	Central	15	\$1,403,200	
-	172	Oakdale Redwing Storm Drain	Valley	3	\$4,559,100	
1	465	Tuxford San Fernando Rd SD (a.k.a Project 9250)	Valley	2-6	\$101,078,000	201
2	594	Westgate Avenue Storm Drain Improvement Project		11	\$8,748,000	176
3	567	Sepulveda Blvd Storm Drain-89th St to La Tijera Blvd	West LA	11	\$837,000	145
4	198	Forman Drain N/O Burbank To Sherman Way (covered	Valley	2-4	\$14,136,700	144
5	574	Beverlywood Street Storm Drain	Central	10	\$400,000	142
6	357	Branford - Laurel Canyon To Arleta Avenue (aka	Valley	6	\$2,887,900	140
7	200	Lankershim Boulevard SD - Sherman Way to Tuxford St	Valley	6-2	\$9,563,100	139
8	474	Weir Street Storm Drain	WLA	11	\$362,000	138
9	522	Branford Street - Arleta Avenue to the Pacoima Wash	Valley	6	\$697,700	136
10	310	Coldwater Canyon SD- Landale St to LA River	Valley	2	\$2,598,800	134
11	264	Glenoaks Bl-Cobalt To Tyler St	Valley	7	\$6,444,700	133
12	73	Western Avenue and Paseo Del Mar Drop Structure	Harbor	15	\$3,438,000	132
13	313	Oro Vista SD - Haines Canyon Channel to Foothill Blvd	Valley	7	\$2,273,000	132
14	466	Rossmore Avenue - 3rd Street SD	Central	4	\$26,479,300	132
15	85	18th Street & Walker Avenue	Harbor	15	\$2,356,900	128
16	464	Orion Parthenia SD	Valley	7-6	\$7,899,900	127
17	467	Benedict Canyon Drive - Mulholland Dr to Hutton Dr	WLA	5	\$3,609,900	126
18	196	Ventura Blvd & Sunnyslope Ave SD	Valley	4	\$3,492,600	124
19	501	Valley Vista Blvd Sunnyslope Ave SD	Valley	4	\$2,858,500	123
20	592	?Deb Park			\$0	123
21	206	Sherman Way & Capps Avenue SD	Valley	3	\$4,104,800	122
22	349	Vanalden Avenue - Bessemer Street SD	Valley	3	\$2,244,800	122
23	140	Vanowen Bertrand SD	Valley	3	\$3,492,600	120
24	381	Bessemer Street SD - Alcove Ave to Tujunga Wash Ch	Valley	2	\$519,800	120
25	293	Serrania Avenue SD - Ventura Blvd to Dumetz Rd	Valley	3	\$2,046,100	120
26	579	Cochran Ave Storm Drain	Central	10	\$711,000	119
27	90	Watts Tower SD	Harbor (Metro)	15	\$2,606,200	119
28	202	Amestoy - Prairie To Parthenia	Valley	12	\$4,365,800	118
29	337	Camarillo And Vineland SD	Valley	2	\$3,534,200	117
30	94	Gaffey Street (W/S) S/O Anaheim Street	Harbor	15	\$7,099,900	116
31	126	Agnes Vanowen SD	Valley	2	\$3,326,300	116
32	530	364 S Anderson St (X Artemus Street)	Central	14	\$26,900	116
33	169	Moorpark St & Sunnyslope Av SD	Valley	4	\$1,824,700	115
34	115	Beverly Glen SD	Valley	4	\$5,913,100	115
35	19	Century Boulevard & Gramercy Place SD	Central	8	\$1,829,500	115
36	462	Bradley Del Sur SD	Valley	7	\$4,053,900	115

FLOOD CONTROL POTENTIAL PROJECTS

Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
37	173	Ventura Boulevard - Corbin Avenue SD	Valley	3	\$2,494,700	113
38	53	D Street & Neptune Avenue	Harbor	15	\$3,882,900	112
39	572	12th St & Los Angeles St	Central	14	\$73,900	112
40	563	Silverwood Terrace Catch Basin	Central	13	\$52,500	112
41	51	Avalon Boulevard - Unit 1	Harbor	15	\$6,658,700	111
42	56	Neptune Avenue & G Street SD	Harbor	15	\$3,993,600	111
43	60	B Street & Broad Avenue	Harbor	15	\$3,015,900	110
44	317	Coldwater Cyn Ave & Goodland Ave S/O Ventura	Valley	2	\$8,783,500	110
45	96	Laurel Canyon Bl - Kagel Cyn To Osborne St	Valley	7	\$1,559,200	110
46	518	Sespe Ave - Tustin to Sutton	Valley	4	\$396,000	110
47	192	Wheatland Avenue E/O Debris Basin N/O Foothill	Valley	7	\$962,600	109
48	178	Osborne Street - Haddon to Pacoima Ch	Valley	7-6	\$4,781,500	109
49	551	6116 Linforth Dr.	Central	4	\$52,500	109
50	368	Fulton Av L A River To 150 feet S/O Ventura Bl	Valley	2-4	\$1,309,700	109
51	62	Avalon Boulevard - Unit 2	Harbor	15	\$5,869,200	108
52	262	S.F. Mission And Laurel Cyn. Bl. SD	Valley	7	\$842,300	108
53	400	Dixie Cyn Ave S/O Valley Vista	Valley	4-2	\$4,584,000	108
54	554	Normandie at 212th-213th Streets	Harbor	15	\$2,216,200	107
55	22	Kenneth Drive & Huntington Drive SD	Central	14	\$449,000	106
56	526	Hawaiian and Opp Storm Drain	Harbor	15	\$1,580,400	106
57	487	Roscoe Dora SD	Valley	6	\$301,400	106
58	502	Commerce Valmont SD	Valley	7	\$1,351,300	105
59	389	Matilija Av - L.A. River-Woodman Av SD	Valley	2-4	\$10,613,200	105
60	390	Roxford St Herrick Av To Stetson Cyn Ch	Valley	7	\$1,663,100	105
61	64	Anaheim Street - Marine Ave to Gulf Ave	Harbor	15	\$4,393,500	105
62	325	Collier Street SD - E/O Quakertown Ave to Winnetka	Valley	3	\$458,400	105
63	330	Filmore St - Foothill To Dronfield	Valley	7	\$2,237,400	105
64	171	Haskell Avenue SD - Los Alimos St to San Jose St	Valley	12	\$1,833,600	104
65	463	Glenoaks Filmore SD	Valley	7	\$2,021,600	104
66	287	Moorpark Tujunga SD	Valley	2	\$1,881,900	104
67	290	Magnolia Boulevard - Ranchito Ave to Hazeltine Ave SD	Valley	4	\$1,283,500	104
68	486	Samoa Hillrose SD	Valley	7	\$366,700	104
69	514	City Hall Main Street Storm Drain	Central	14	\$396,000	104
70	68	Anaheim Street W/O I Street	Harbor	15	\$1,699,000	103
71	112	Sepulveda Bl - W/O Valley Meadow to Steven Dr	Valley	5	\$4,474,900	103
72	355	Chandler And Tyrone SD	Valley	4	\$1,833,600	102
73	216	Foothill SD-Pacoima Cyn Chl To Sump S/O Maclay	Valley	7	\$675,700	102
74	353	Bell Creek N.B. - Dayton Creek to Fallbrook Ave	Valley	12	\$1,684,600	102
75	531	Big Tujunga Wash Levee at Oro Vista Avenue	Valley	7	\$897,900	102

FLOOD CONTROL POTENTIAL PROJECTS

Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
76	503	Prairie St. Winnetka Ave to Oso Ave	Valley	12	\$1,528,000	102
77	473	Colfax, Riverside to L.A. River	Valley	2	\$6,340,700	101
78	66	Sepulveda Boulevard - Halldale Ave to Western Ave	Harbor	15	\$2,929,800	101
79	91	Fries Avenue SD - Unit 1	Harbor (Metro)	15	\$7,377,000	101
80	129	Tujunga Cyn - Blanchard Channel SD	Valley	7	\$124,700	101
81	134	Tujunga Cyn - Elmhurst SD	Valley	7	\$207,900	101
82	135	Pali - Creemore To Verdugo Wash	Valley	7	\$935,500	101
83	151	Lasaine Avenue (Produced) Oxnard Street to LA River	Valley	6	\$1,902,400	101
84	557	Holly Drive at San Marco Dr Storm Drain	Central	4	\$124,100	100
85	248	Terra Bella St-Eldridge	Valley	7	\$1,915,300	100
86	316	Laurel Cyn BI N/O Riverside Dr	Valley	5-2	\$2,425,900	99
87	67	Bandini Street - Summerland Ave to Oliver St	Harbor	15	\$456,800	99
88	219	Filmore Street SD - Lev Ave to Pacoima Wash	Valley	6	\$825,100	99
89	294	Marcus Ln And Estaban St	Valley	7	\$1,923,000	98
90	163	Mcvine Av - Day To Haines Cyn Chnl	Valley	7	\$1,746,300	98
91	576	Walker Ave 19th to 13th Streets	Harbor	15	\$1,758,900	98
92	340	Lankershim Boulevard - Bloomfield Street SD	Valley	4	\$2,494,700	97
93	338	Saticoy Yolanda SD	Valley	3	\$1,034,800	97
94	491	Hubbard and Dronfield	Valley	7	\$555,200	96
95	575	Walker and Silvius Plateau Storm Drain	Harbor	15	\$1,212,900	95
96	415	Fenwick Sable SD	Valley	7	\$415,800	95
97	311	Grove St R/W S/O- Scoville To Oro Vista	Valley	7	\$571,700	95
98	7	Saint Louis Street & 1st Street SD	Central	14	\$852,400	95
99	210	Van Nuys Blvd - Nordhoff St SD	Valley	6	\$5,402,600	95
100	245	Canoga Roscoe SD	Valley	3	\$6,236,800	94
101	346	Maclay SD - Bromont to 8th St	Valley	7	\$921,500	94
102	560	Sycamore Ave / Rodeo Rd Catch Basin	Central	10	\$73,900	94
103	302	Roscoe Boulevard - Mason to Oso	Valley	3	\$1,473,400	93
104	488	Berry Dr and Decente Dr SD	Valley	2	\$1,146,000	93
105	489	19th Street, Alma Street and 21st Street Storm Drain	Harbor	15	\$1,800,000	93
106	354	Helen Avenue - Art Street SD	Valley	7	\$1,247,400	93
107	74	Fries Avenue SD - Unit 2	Harbor	15	\$5,250,700	93
108	183	Strathern St Laurel Cyn BI To Hwd Fwy	Valley	2	\$3,638,100	92
109	258	Montague Street SD - Canterbury Ave to Gullo Ave	Valley	6	\$779,300	92
110	386	Telfair Avenue R/W E/O Polk St to Astoria St	Valley	7	\$1,800,900	92
111	457	Lasaine Oxnard SD	Valley	5	\$2,234,800	92
112	442	Thornton Ave SD Outlet Ext	WLA	11	\$2,629,800	92
113	227	Clybourn Av - Vanowen To Victory	Valley	2-4	\$7,609,500	92
114	595	Magnolia SD extension from Cartwright to Riverton	Valley	2	\$1,595,000	92

FLOOD CONTROL POTENTIAL PROJECTS

Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
115	525	Haskell Parthenia SD	Valley	12	\$2,598,700	92
116	484	Signature Drive Bradford Place	Valley	12	\$504,200	91
117	242	Erwin St - Goodland Av-Victory Bl-Hamlin St	Valley	2	\$5,457,200	91
118	13	Vermont Avenue & 81st Street SD	Central	8	\$704,800	90
119	312	Topanga Cyn Bl Valerio St To Bell Creek	Valley	3	\$2,910,500	90
120	157	Branford - Glenoaks Bl To San Fernando	Valley	7	\$3,658,100	89
121	58	Walker Avenue - Leland St to 27th St	Harbor	15	\$1,619,200	89
122	414	Brooktree Low Flow	WLA	11	\$672,300	88
123	147	Benedict Canyon Ln S/O Ventura Bl	Valley	4	\$13,380,800	87
124	24	Lulu Glen Drive - Woodrow Wilson Drive SD	Central	4-5	\$2,329,600	87
125	168	Vanalden Avenue - Shenango Drive SD	Valley	3	\$2,079,300	86
126	306	Ventura Blvd & Del Moreno Dr SD	Valley	3	\$1,664,000	86
127	497	Vanowen Farmdale SD	Valley	2	\$1,025,900	86
128	516	Speedway Water Quality and Drainage Improvement	WLA	11	\$7,484,100	85
129	191	Moorpark Street & Agnes Avenue SD	Valley	2	\$3,205,600	85
130	461	Foothill Vaughn SD	Valley	7	\$2,887,900	85
131	11	18th Street & San Pedro Street	Central	14-9	\$877,600	85
132	154	Saticoy - Lankershim To Radford	Valley	2-6	\$1,375,200	83
133	537	Montecito Drive to Latrobe Street Storm Drain	Central	1	\$194,500	83
134	480	Hollywood Normandie SD	Central	13-4	\$52,000	83
135	28	Western Avenue - 79th St to 83rd St	Central	8	\$1,301,900	82
136	304	Sunland Boulevard & Glenoaks Boulevard SD	Valley	2-7	\$1,398,200	82
137	267	Woodlake Erwin SD	Valley	12-3	\$3,274,300	82
138	323	Riverside Drive - Forman to Ledge	Valley	4	\$1,528,000	82
139	259	Burbank Boulevard SD - Biloxi Ave to Cahuenga Blvd	Valley	2	\$3,071,300	82
140	343	Victory Blvd - Fair Ave SD	Valley	2	\$1,391,000	81
141	327	Mayall St-Jumilla To Oakdale To Winn Chnl	Valley	12	\$3,271,600	81
142	399	Farralone Av - Gault To Leadwell	Valley	3	\$1,910,000	81
143	27	Wall Street & 59th Place SD	Central	9	\$1,198,000	81
144	562	Winter Street & Fresno Street Catch Basin	Central	14	\$33,200	81
145	581	Oro Vista Storm Drain- Foothill Blvd to Day Street		7	\$1,403,900	81
146	410	Tampa Av - Plummer St To Lassen St SD	Valley	12	\$2,702,600	80
147	458	12th Street / Santee Street Relief Storm Drain	Central	9	\$878,200	80
148	385	Vanowen Street - Calhoun to Tyrone	Valley	2	\$515,500	79
149	78	254th Street & Marigold Avenue	Harbor	15	\$758,700	79
150	396	Pinewood Foothill	Valley	7	\$935,500	79
151	588	Amoroso Court Storm Drain	WLA	11	\$302,400	79
152	532	8331 Lookout Mountain Ave	Central	4	\$35,900	79
153	591	?broadway alley			\$0	78

FLOOD CONTROL POTENTIAL PROJECTS

Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
154	495	Lanark E/O Hazeltine S.D.	Valley	6	\$1,964,600	78
155	272	Tujunga Canyon Boulevard SD - N/O Valmont St	Valley	7	\$1,609,100	78
156	193	Burbank Boulevard - 1,850 feet W/O Hayvenhurst Ave	Valley	5-6	\$412,600	78
157	408	Fair Avenue (Prod.) SD - Alley S/O Hesby St to Morrison	Valley	2	\$183,400	78
158	121	Berry Dr E/O Laurel Cyn Bl	Valley	2	\$1,478,300	78
159	401	Woodley Av & Morrison St SD	Valley	5	\$3,274,300	77
160	63	Menlo Avenue - Athens Blvd to 124th St	Harbor	15	\$1,011,000	77
161	65	262nd Street & Anaheim Street SD	Harbor	15	\$1,309,500	77
162	55	Arbor Place & Hoover Street	Harbor	15	\$1,445,800	77
163	498	Van Nuys - Gladstone to Fenton	Valley	7	\$1,964,600	77
164	20	Ewing Street & Silverlake Boulevard SD	Central	13	\$219,500	76
165	21	Figueroa Street - Tipton Way to Hillandale Dr, Units 1 &	Central	14	\$3,649,600	76
166	17	McKinley Avenue SD - 103rd St to 108th St	Central	8-15	\$3,373,500	76
167	472	Gladstone Maclay	Valley	7	\$1,203,300	76
168	205	Whitsett Avenue - Stagg Street SD	Valley	2	\$3,165,200	76
169	47	Wall Street - 97th St to Century Blvd	Central	8	\$722,000	75
170	266	Oxnard - Tampa to Shirley	Valley	3	\$1,263,500	75
171	275	Fulton Av - Victory To Kittridge	Valley	2	\$1,351,300	75
172	536	Santa Lucia Dr. - Cardenas Ave to Canoga Dr.	Valley	3	\$1,185,300	75
173	387	Chase Mason SD	Valley	3	\$2,249,000	74
174	469	Stone Street SD North of Ganahl Street	Central	14	\$481,300	74
175	61	Denni Street - Flint Ave to Dominguez	Harbor	15	\$696,000	74
176	421	Bellaire Av - Albers To Collins	Valley	2-5	\$1,347,700	74
177	279	Blanchard Cyn Ch 900 N/E to Fern Cyn Trl	Valley	7	\$1,107,000	74
178	361	Beck Avenue - Hamlin Street SD	Valley	2	\$1,492,100	73
179	44	Scandia Way, 3900 Block	Central	1	\$481,300	73
180	146	Winnetka and Hatteras	Valley	3	\$983,300	73
181	322	Farralone Av - Saticoy to Keswick	Valley	3	\$764,000	73
182	117	La Tuna Cyn Rd - Wildwood To La Tuna Chnl	Valley	7	\$1,592,000	73
183	585	San Pedro - 3rd Street Outlet Project Phase 2			\$0	73
184	509	Speedway SD - 23rd Ave to Washington Blvd	WLA	11	\$4,376,100	73
185	321	Colfax Magnolia SD	Valley	2	\$341,100	72
186	546	Van Buren Place Storm Drain Project	Central	8	\$244,300	72
187	10	Melrose Avenue - Normandie Avenue SD	Central	13	\$1,013,300	72
188	8	Esperanza Street SD - Siskiyou St to Atlantic St	Central	14	\$520,700	72
189	280	Montague Street SD - Sharp Ave to Pacoima Wash	Valley	6	\$673,900	72
190	57	Anchovy Street & Cumbre Drive	Harbor	15	\$596,400	71
191	519	Pacific Avenue SD - 26th St to 28th St	Harbor	15	\$976,100	71
192	220	Hayvenhurst Av and Calneva Dr	Valley	5	\$2,910,500	70

FLOOD CONTROL POTENTIAL PROJECTS

Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
193	505	Gault Haskell to 700' W/O Haskell	Valley	6	\$675,700	70
194	485	211th Street and Dalton Avenue	Harbor	15	\$69,800	69
195	420	Burbank Bl - Hollywood Fwy to Gentry	Valley	2	\$939,700	69
196	239	Hartland St - Comanche to Oso	Valley	3	\$1,357,700	68
197	587	Kinney Street Diversion pipe			\$0	68
198	180	Chatsworth Street - Gaynor Avenue SD	Valley	12	\$1,660,600	67
199	120	Magnolia Boulevard - Lemp Ave to Tujunga Wash	Valley	2-5	\$290,600	67
200	224	Canterbury Av & Pierce St	Valley	6	\$3,664,100	66
201	251	Oxnard Street - Fulcher Ave to Elmer Ave SD	Valley	2-4	\$1,255,200	66
202	190	Saticoy Tobias To Pacoima Wash	Valley	6	\$623,700	66
203	152	Saticoy - Camellia to Lemp	Valley	6	\$764,000	66
204	344	Shirley Av SD - LA River To Hartland St	Valley	3	\$1,283,500	66
205	524	Devonshire Owensmouth SD	Valley	12	\$829,700	66
206	538	Dolcedo Way Storm Drain	WEST Los	5	\$246,000	65
207	59	Cabrillo Avenue - 6th St to 8th St	Harbor	15	\$776,600	65
208	122	Apperson - Mountair To McClemon	Valley	7	\$577,600	65
209	351	Vanowen - Gloria to Woodley	Valley	6	\$1,528,000	65
210	253	Craig Drive & R/W S/O Hillock Drive SD	Valley	4	\$361,000	64
211	247	Camino de la Cumbre SD	Valley	4	\$1,789,100	64
212	215	Rancho Encino SD	Valley	5	\$2,889,700	64
213	49	Whitley Avenue	Central	4	\$25,300	63
214	244	Amigo And Vanowen	Valley	3	\$1,637,200	63
215	5	Mission Road SD - Lincoln Park Ave to Thomas St	Central	1	\$933,300	63
216	179	Plummer - Aliso Creek to Gladbeck	Valley	12	\$1,445,400	63
217	499	Beverly Boulevard - June Street to La Brea Avenue	Central	4-5	\$1,309,700	63
218	456	Devonshire - De Soto SD	Valley	12	\$1,347,700	62
219	274	Haynes Street SD - Woodlake Ave to Berquest Ave	Valley	12	\$914,500	61
220	352	Foothill Bl - Haines Cyn Ch to Haines Cyn Ave	Valley	7	\$1,582,600	60
221	511	Partridge Avenue Storm Drain	Central	13	\$229,700	60
222	569	3133 Deronda Drive Drain	Central	4	\$197,000	60
223	490	Geyser Chase Storm Drain	Valley	12	\$5,150,200	57
224	286	Knollwood Dr and Clonlee Av SD	Valley	12	\$275,000	57
225	418	Vanalden Av - Hartland to Sherman Way	Valley	3	\$2,390,800	57
226	231	Balboa Bl SD Extension To Lassen	Valley	12	\$1,932,400	56
227	540	112th St - Hooper Ave to 114th St SD	Central	15	\$1,257,100	55
228	367	Baden Bet. Itasca St & 650 feet N/O Itasca	Valley	12	\$454,900	54
229	80	Fries Avenue SD - Unit 3	Harbor	15	\$3,824,800	54
230	14	Hudson Avenue & Willoughby Avenue SD	Central	13-4	\$3,547,900	54
231	38	Clinton Street & Berendo Street	Central	13	\$141,400	53

FLOOD CONTROL POTENTIAL PROJECTS

Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
232	237	Camarillo St - Halbrent to Kester	Valley	4	\$2,017,000	53
233	100	Brookdale Rd and Fryman Rd	Valley	2	\$1,251,400	53
234	15	Dorris Place SD	Central	13	\$1,546,500	53
235	444	Adams Boulevard Side Streets SD	Central	10	\$1,219,500	53
236	392	Encinitas Avenue - Cobalt St to Bledsoe St	Valley	7	\$1,425,200	52
237	46	Los Feliz Boulevard at New Hampshire Ave	Central	4	\$120,300	52
238	25	San Pedro Street & 51st Street SD	Central	9	\$5,109,500	51
239	76	186th Street & Vermont Avenue	Harbor	15	\$3,131,700	51
240	365	Hatteras St - Whitnall To Cleon	Valley	2	\$1,979,900	51
241	590	?Islamic Center			\$0	51
242	515	Warmouth Avenue Drop Structure	Harbor	15	\$5,939,800	50
243	226	Del Arroyo to La Tuna Cyn Chnl	Valley	7	\$2,122,600	50
244	77	Gulf Avenue & D Street	Harbor	15	\$2,722,200	49
245	445	Compton Avenue - 55th Street SD	Central	9	\$559,700	49
246	23	Lambie Street SD	Central	14	\$638,000	47
247	542	4th Street and Main Street	Central	14	\$59,900	47
248	545	Wall St and 43rd St Storm Drain	Central	9	\$651,600	46
249	510	Chautauqua Blvd Storm Drain	WLA	11	\$2,375,900	44
250	356	Branford - Canterbury to Dorrington	Valley	6	\$1,299,600	44
251	529	486 W Avenue 44	Central	1	\$170,600	43
252	402	Mulholland Drive - Topanga Cyn Blvd to Canoga Ave	Valley	3	\$2,814,800	42
253	319	Burbank Bl & Farralone Av SD	Valley	3	\$1,107,000	42
254	33	6th Avenue & 38th Place SD	Central	10	\$785,400	41
255	35	75th Street - Raymond Ave to Kansas Ave	Central	8	\$620,400	40
256	26	Towne Avenue - 81st St to 84th St	Central	9	\$1,714,800	40
257	544	Cross Ave - Eldred St Storm Drain Project	Central	1	\$684,100	40
258	513	Union Place Storm Drain	Central	13	\$192,100	38
259	436	Bundy Inavale Norman	WLA	11	\$2,027,000	38
260	52	L Street - Eubank Ave to Hyatt Ave	Harbor	15	\$624,600	38
261	233	Sherman Way - Vineland To Fair	Valley	2	\$1,061,300	37
262	86	Alma Street Storm Drain - Unit 1	Harbor	15	\$2,435,500	36
263	39	Leicester Drive	Central	4	\$45,800	36
264	16	Dunsmuir Avenue SD - San Vicente Blvd to Packard St	Central	10	\$428,200	36
265	139	Ethel Av - Raymer To Sherman Way	Valley	2	\$1,152,300	35
266	471	Belle Porte Avenue, 25000 block	Harbor	15	\$1,905,300	34
267	547	Via De La Olas and Via De La Paz Drainage	West L.A.	11	\$716,700	34
268	232	Zelzah Avenue - Devonshire to Lassen	Valley	12	\$2,577,500	33
269	332	Reseda - San Fernando Mission To Devonshire	Valley	12	\$3,487,200	33
270	79	Dominguez Avenue - Anaheim St to E St	Harbor	15	\$1,707,100	33

FLOOD CONTROL POTENTIAL PROJECTS

Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
271	164	Laurelgrove Av - Magnolia To Riverside Dr	Valley	2	\$1,182,600	32
272	397	Panorama Channel Reconstruction	Valley	6	\$2,837,700	31
273	114	Bartee Avenue - Kagel To Osborne	Valley	6	\$1,099,200	29
274	54	Opp Street SD Replacement	Harbor	15	\$179,200	28
275	41	Avenue 37, 900 Block	Central	1-14	\$589,400	26
276	31	61st Street & San Pedro Street SD - Unit 3	Central	9	\$713,400	26
277	500	Paige Street SD	Metro	1	\$218,300	25
278	113	Green Verdugo Dr - S/W To Sunland Bl	Valley	7	\$942,800	24
279	314	Plummer Street at Pacoima Wash SD	Valley	7	\$1,274,500	24
280	350	Strathern St - Corbin to Oakdale	Valley	3	\$758,100	24
281	165	Haddon Av - Tuxford To Rialto	Valley	6	\$1,288,700	24
282	320	Lurline Av-Rinaldi To Devonshire	Valley	12	\$3,676,700	23
283	3	Warwick Avenue SD - Unit 2	Central	14	\$2,161,600	23
284	362	Oxnard Street - Tujunga Ave to Lankershim Blvd	Valley	2	\$879,400	22
285	315	SPRR R/W To Vineland And Riverton	Valley	2	\$2,425,900	21
286	132	Sarah St - Whitsett to Laurelgrove	Valley	2	\$1,152,300	21
287	111	Osborne - Norris To San Fernando	Valley	7-6	\$2,008,900	21
288	580	Marinette Rd. way Southern terminus Subdrain System	West LA	11	\$271,800	20
289	209	Sherman Way And Clybourn	Valley	2	\$1,819,400	20
290	371	Van Nuys - Laurel Cyn To Oneida	Valley	7	\$1,137,100	20
291	366	Hidden Oak Apperson SD	Valley	7	\$254,400	19
292	34	71st Street & 8th Avenue SD - Units 1 & 2	Central	8	\$4,443,000	19
293	125	Pierce - Sharp To Pacoima Wash	Valley	6	\$1,440,400	17
294	30	60th Street - West Blvd to Keniston St	Central	8	\$1,724,500	16
295	405	White Oak - Plummer To Lassen	Valley	12	\$1,725,900	15
296	374	Foothill -Wheatland To 400 feet E/O	Valley	7	\$505,400	15
297	263	Ventura Bl - Vantage to Laurelgrove	Valley	2	\$727,800	15
298	292	Roscoe By Zelzah To Lindley SD	Valley	12	\$940,300	15
299	305	Nordhoff Street SD - Bahama St to Lurline Ave	Valley	12	\$1,007,700	15
300	170	Roscoe - Corbin To Oakdale	Valley	3	\$799,800	15
301	370	Topanga Cyn Bl - Hart To Sherman Way	Valley	3	\$1,061,300	15
302	236	Victory Bl - Fulton To Allott	Valley	2	\$485,200	15
303	32	64th Street - West Blvd to Eileen Ave	Central	8	\$1,901,200	14
304	116	Valerio St - Etiwanda To Canby	Valley	3	\$530,700	14
305	298	Wicks St - Telfair To Sharp Av	Valley	6	\$3,032,300	14
306	358	Sarah Sunnyslope	Valley	4	\$1,212,900	14
307	341	Saticoy - Tujunga To Vineland	Valley	2	\$1,855,400	11
308	254	Stone Canyon SD (Proj 3851)	Valley	5	\$4,885,500	11
309	107	Kagel Canyon - Remick To Pacoima Wash	Valley	6-7	\$1,781,500	11

FLOOD CONTROL POTENTIAL PROJECTS

Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
310	182	Louise - Nordhoff To SPRR	Valley	12	\$5,490,300	10
311	265	Hazeltine Av - Cohasset To Sherman Way	Valley	2	\$1,607,100	10
312	276	Saticoy St Zelzah To Lindley	Valley	12	\$763,900	10
313	119	Saticoy St - Louise to Amestoy	Valley	6	\$1,023,400	10
314	378	Louise Silverlane (Pvt St S/O 101) To Magnolia	Valley	5	\$1,334,200	10
315	283	Vanowen St - 405 Frwy To Orion Av	Valley	6	\$796,000	10
316	285	Vanowen St White Oak To Encino	Valley	6	\$1,062,800	10
317	360	Vanowen St - Goodland To Bellaire	Valley	2	\$606,500	10
318	363	Oxnard At Whitnall Hwy	Valley	2	\$1,554,100	10
319	176	Shoup Av - Kittridge to Vanowen	Valley	3	\$576,100	10
320	255	Lassen St Topanga Cyn BI To Owensmouth	Valley	12	\$311,400	10
321	307	Parthenia St- Owensmouth To Topanga Cyn	Valley	3-12	\$722,000	10
322	249	Saticoy St SD W/O Woodley Ave.	Valley	6	\$440,400	10
323	336	Oxnard St - Greenbush To Allott	Valley	2	\$454,900	10
324	411	Vanowen St Corbin Av To Oakdale Av	Valley	3	\$833,400	10
325	324	Saticoy St Balboa BI To Bullcreek Channel	Valley	6	\$833,900	10
326	326	Saticoy St White Oak To Encino St	Valley	6-12	\$1,009,000	10
327	189	Lassen St - Lindley Av To Aliso Creek SD	Valley	12	\$1,951,800	10
328	223	Valley Vista BI and Madelia Av	Valley	4	\$1,061,300	10
329	104	Sunnyslope Av S/O Galewood St	Valley	4	\$303,200	9
330	528	6245 Roy Street Storm Drain	Central	14	\$179,600	9
331	97	Hesby St And Haskell Av	Valley	5	\$606,500	6
332	95	Mariano St - Manton To Calabasas Creek	Valley	3	\$1,516,200	5
333	99	Royer - Ostronic to N/O Dolorosa	Valley	3	\$1,212,900	5
334	106	Pierce St - Dronfield To Glenoaks	Valley	7	\$1,971,000	5
335	225	Libbit Av & Morrison St	Valley	5	\$2,274,300	5
336	234	Peoria St-Dronfield 10 foot Esmt To Glenoaks	Valley	6-7	\$2,122,600	5
337	235	Strathern St - Oso to Winnetka	Valley	3	\$909,700	5
338	222	Strathern St - Yolanda To Wilbur	Valley	12	\$788,400	5
339	212	Strathern St - Tampa to Shirley	Valley	3	\$970,300	5
340	194	Zelzah Avenue SD - Victory Blvd to Kittridge St	Valley	3	\$929,200	5
341	142	Fulton Av - Sherman Way To Raymer	Valley	2	\$1,394,900	5
342	186	Kittridge St - Satsuma To Clybourn	Valley	2	\$758,100	5
343	252	Sutter Av Paxton St To 220 feet N/O Filmore	Valley	7	\$901,100	5
344	288	Gloria Av - Saticoy To Arminta	Valley	6	\$1,516,200	5
345	289	Parthenia St White Oak Av To Zelzah	Valley	12	\$665,300	5
346	240	Wicks St - Dronfield To Glenoaks BI	Valley	6	\$2,122,600	5
347	167	Tyrone Av - Collins To Califa	Valley	4	\$1,031,000	5
348	159	Tyrone Av - Magnolia To Chandler	Valley	4	\$985,500	5

FLOOD CONTROL POTENTIAL PROJECTS




Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
349	162	Lanark St - Willis To Cedros	Valley	6	\$424,500	5
350	364	Radford Av - Magnolia To Hartsook	Valley	2	\$303,200	5
351	416	Matilija Av And Milbank St SD	Valley	4	\$726,800	5
352	143	Marnice Av @ Haywood St	Valley	7	\$75,800	5
353	281	Montgomery Av - Blackhawk To Devonshire	Valley	12	\$315,900	5
354	384	Mariano St SD - Sadring to Calabasas Creek	Valley	3	\$312,900	5
355	388	Woodward Av Mcgroarty To Haines Chnl	Valley	7	\$1,000,700	5
356	123	Radford Av - Saticoy To Stagg (requires Lankershim	Valley	6	\$2,198,400	5
357	278	Strathern St - Louise To Amestoy Av S D	Valley	6	\$833,400	5
358	334	Orion St - Wyandotte To Stagg	Valley	6	\$2,501,700	5
359	229	Magnolia Boulevard - Densmore Ave to Gaviota Ave	Valley	5	\$641,800	5
360	375	Knobhill - 100 feet To 300 feet E/O Beverly Glen	Valley	4	\$189,500	3
361	124	Saint Estaban @ Hillhaven Av	Valley	7	\$242,600	3
362	101	Royal Oak Rd W/O Sepulveda	Valley	5	\$2,577,500	3
363	269	Foothill (R/W S/O) Whitegate To Leolang	Valley	7	\$182,900	3
364	136	Wyandotte St - Noble To Kester	Valley	6	\$1,000,700	3
365	137	Varna Av - Wyandotte To Sherman Way	Valley	2	\$394,200	3
366	130	Pendleton - Roscoe To Amboy	Valley	6	\$1,091,600	3
367	133	Lowell Av - Santa Carlotta To Cooks Chnl	Valley	7	\$1,576,800	3
368	166	200 foot Esmt N/O Hillrose Btwn Irma & Plainview	Valley	7	\$151,600	3
369	155	Ebey Cyn - W/O Riverwood Rd	Valley	7	\$2,401,200	3
370	156	Royal Ridge Rd and Crownridge Pl	Valley	5	\$1,789,100	3
371	329	Sylmar Av - Delano To Kittridge	Valley	6	\$1,592,000	3
372	213	Satsuma Av - Vanowen To Kittridge	Valley	2	\$985,500	3
373	221	Vinedale - Vinevalley To La Tuna SD	Valley	2	\$636,800	3
374	110	Johanna Av - South To Sunland Av	Valley	7	\$1,743,600	3
375	105	Valley Meadow Rd - W/O Valley Meadow to Castlewood	Valley	5	\$2,046,800	3
376	583	Sepulveda and Oakhorne e/o Western Ave			\$0	0
377	578	Nordhoff Street SD - Sepulveda Blvd to Orion Ave	Valley	7	\$670,100	0
378	586	La Presa Storm Drain			\$463,100	0
379	593	523 Westgate Storm Drain Upgrade	West LA	11	\$8,295,000	0
380	230	SD S/O Vanalden Av and Retarding Basin	Valley	11	\$1,885,100	0
381	141	SD N/O Sherman Way - Betw Ranchito And Woodman	Valley	2	\$303,200	0
382	145	N/O Ellenbogen - 150 feet W/O Parr Av	Valley	2	\$333,600	0
383	184	La Tuna Cyn Rd Drainage Chan. Reconstruction	Valley	2	\$442,800	0
384	150	S/O Skyland - N/O Big Tujunga Cyn	Valley	2	\$485,200	0
385	282	SD S/O Lankershim and Ventura	Valley	4	\$2,182,900	0
386	407	Corbin Channel - L.A. River To S.P.R.R.	Valley	3	\$3,965,200	0
387	409	Hayvenhurst(Chnl W/O)-S/O Ventura To De Celis	Valley	5	\$480,100	0

FLOOD CONTROL POTENTIAL PROJECTS

Rank	Project ID	Project Name	Engineering District	CD	Est. Const. Cost	Total
TOTAL Est. Const. Cost:				\$826,214,900		



CITY OF LOS ANGELES
Green Stormwater Infrastructure Projects

DRAWN BY: NH	DATE CREATED: 9-22-16	CHECKED BY: WT	DATE REVISED: 5-8-18	ENRIQUE C. ZALDIVAR DIRECTOR BUREAU OF SANITATION			
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