

**ADDENDUM NO. 3 TO
TRANSFER AGREEMENT NO. 2020RPCSMB07 BETWEEN
THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
AND
City of Culver City
SAFE, CLEAN WATER PROGRAM - REGIONAL PROGRAM**

This Addendum No. 3 to Transfer Agreement No. 2020RPCSMB07, hereinafter referred to as "Addendum No. 3", is entered into as of _____ by and between the Los Angeles County Flood Control District, hereinafter referred to as "District," and City of Culver City for Washington Boulevard Stormwater and Urban Runoff Diversion, hereinafter referred to as "Recipient."

WHEREAS, District and Recipient entered into Transfer Agreement No. 2020RPCSMB07, hereinafter referred to as "Agreement", pertaining generally to the transfer of a SCW Program Contribution (as therein defined) from District to Recipient for the implementation by Recipient of a Funded Activity (as therein defined) to increase stormwater and/or urban runoff capture and/or reduce stormwater and/or urban runoff pollution, on 10/29/2020 ;

WHEREAS, the Agreement provides for the disbursement of the SCW Program Contribution for the 25-26 Fiscal Year (as therein defined), and further provides that if the Funded Activity is included in a duly approved Stormwater Investment Plan (as therein defined) for a subsequent Fiscal Year, the parties shall enter into an addendum to the Agreement regarding the disbursement of the SCW Program Contribution for that subsequent Fiscal Year;

WHEREAS, the Funded Activity has been included in a duly approved Stormwater Investment Plan for Fiscal Year 25-26;

NOW, THEREFORE, in consideration of the promises, mutual representations, covenants and agreements in this Agreement, the District and the Recipient, each binding itself, its successors and assigns, do mutually promise, covenant, and agree as follows:

1. The definitions set forth in Sections 16.03 and 18.02 of the Los Angeles County Flood Control District Code together with the definitions set forth in the Agreement shall apply to this Addendum No. 3.
2. Exhibit A to the Agreement is superseded and replaced by Exhibit A-3 attached hereto and incorporated herein as if fully set forth, and all references in the Agreement to Exhibit A shall hereafter be deemed to refer to Exhibit A-3.
3. The District shall disburse the SCW Program Contribution for the 25-26 Fiscal Year as described in the Budget Plan within forty-five (45) days of the execution of this Addendum by the last party to sign.
4. All terms and conditions of the Agreement shall remain in full force and effect, including, but not limited to the following provisions related to compliance with the California Environmental Quality Act (CEQA):

Execution of Agreement

This Agreement may be executed simultaneously or in any number of counterparts, including both counterparts that are executed manually on paper and counterparts that are in the form of electronic records and are executed electronically, whether digital or encrypted, each of which shall be deemed an original and together shall constitute one and the same instrument.

The District and the Recipient hereby agree to regard facsimile/electronic representations of original signatures of authorized officers of each party, when appearing in appropriate places on this Agreement and on any addenda or amendments thereto, delivered or sent via facsimile or electronic mail or other electronic means, as legally sufficient evidence that such original signatures have been affixed to this Agreement and any addenda or amendments thereto such that the parties need not follow up facsimile/electronic transmissions of such documents with subsequent (non-facsimile/electronic) transmission of "original" versions of such documents.

Further, the District and the Recipient: (i) agree that an electronic signature of any party may be used to authenticate this Agreement or any addenda or amendment thereto, and if used, will have the same force and effect as a manual signature; (ii) acknowledge that if an electronic signature is used, the other party will rely on such signature as binding the party using such signature, and (iii) hereby waive any defenses to the enforcement of the terms of this agreement based on the foregoing forms of signature.

IN WITNESS WHEREOF, this Addendum No. 3 has been executed by the parties hereto.

Central Santa Monica Bay
City of Culver City
Washington Boulevard Stormwater and Urban Runoff Diversion

By: _____
Name:
Title:
Date: _____

IN WITNESS WHEREOF, this Addendum No. 3 has been executed by the parties hereto.

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT:

By: _____

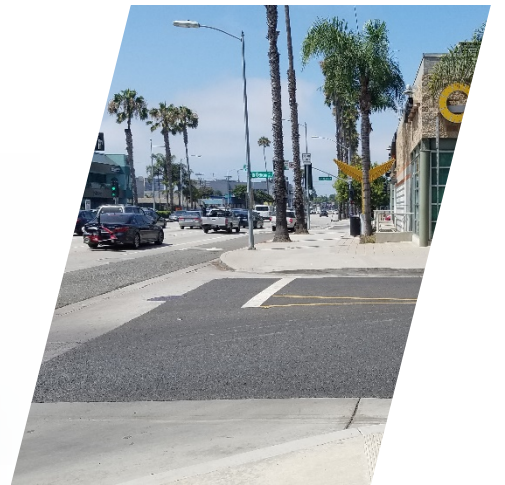
Name: Matthew Frary

Title: Assistant Deputy Director

For: Mark Pestrella

Date: _____

SOW ATTACHMENT



Washington Boulevard Stormwater and Urban Runoff Diversion Project

Safe, Clean Water Program

Exhibit A



1561 E. Orangethorpe Avenue, Suite 240
Fullerton, California 92831
TEL (714) 526-7500 | FAX (714) 526-7004
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Washington Boulevard Stormwater and Urban Runoff Diversion Project

Safe, Clean Water Program

Exhibit A (Agreement No. 2020RPCSMB07)

Prepared for:



City of Culver City
9505 Jefferson Boulevard
Culver City, California 90232
TEL (310) 253-6400

Prepared by:



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**December 2020
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A-1. Budget Plan

The Recipient shall submit a detailed Budget Plan for all eligible expenditures (those incurred after November 7, 2018) for all phases and tasks included in the work schedule for the Funded Activity. The Recipient shall include a summary of leveraged funds and in-kind services for the Funded Activity. For a Funded Activity that will be performed over more than one Fiscal Year, the Budget Plan must clearly identify the amount of SCW Program Contribution for each Fiscal Year.

The Washington Boulevard Stormwater and Urban Runoff Diversion Project (Project) will improve water quality in the Marina del Rey (MdR) Watershed, while also providing water supply benefits. A total of \$3,600,000 was requested from the Safe, Clean Water Program (SCW Program or SCWP) in 2019, which is split over three fiscal years 2020-21, 2021-22, and 2022-23. Additional \$4,000,000 was requested for the fiscal years 2025-26 and 2026-27. The Project costs are broken down into several tasks, which are further detailed in the scope of work (**Section A-4**). SCWP funds were requested for construction activities. The costs are summarized in **Table 1** below. Operation and Maintenance (O&M) and effectiveness monitoring are designated as annual costs and only a single year is shown in the table below, while these costs will also apply for future years.

The SCWP funding will support construction activities. Actual activities will depend on Contractor's order of work. The Project's construction has been delayed slightly in comparison to the original SCWP application, due to design modifications and pending SCWP funding. Notice to Proceed (NTP) for construction was issued in September 2025 and construction is anticipated to start in January 2026 for the Project.

The following items of work will be funded with the identified fiscal year's allocation of SCWP funds, while the funded activity may not occur during the specified fiscal year:

- Fiscal Year 2020-25: project management, permitting/environmental, planning/design/engineering, outreach/engagement
- Fiscal Year 2025-2026: mobilization, demolition, traffic control, diversions, pretreatment, piping, pump stations, and subsurface storage system
- Fiscal Year 2026-2027: traffic control, subsurface storage system, electrical, and surface restoration

Leveraged funds for planning and design were incurred prior to being awarded additional SCWP funds and continue through the 2027-28 fiscal year. Leveraged funds will also be used to support the construction activities listed above. Leveraged funds are expected to be used starting in Fiscal Year 2027-28 for O&M and monitoring for the useful life of the Project unless additional funding is secured. Leveraged funds have been secured from several sources for planning/design and construction, including \$767,000 from the Los Angeles County Open Space and Park Grant and \$1,345,000 from a Public-Private Partnership (P3) with Costco Wholesale Corporation. The remaining funds shown as leveraged funds will be from the City of Culver City's (City's) Measure CW, municipal SCWP funds, and/or other funding sources.

Table 1 Anticipated Project Costs by Fiscal Year

Task	Budget	SCWP Contribution				Leveraged Funds ^A			
		2020-25	2025-26 ^E	2026-27 ^E	2027-28 ^E	2020-25	2025-26	2026-27	2027-28
Project Management	\$97,190	\$15,000 ^B	-	-	-	\$47,381 ^C	\$17,405	\$17,405	-
Project Effectiveness and Performance (Annual)	\$40,000	-	-	-	\$30,000	-	-	-	\$10,000 ^D
Permitting/ Environmental	\$133,804	\$50,000 ^B	-	-	-	\$83,804 ^C	-	-	-
Planning/Design/ Engineering	\$505,380	\$200,000 ^B	-	-	-	\$305,380 ^C	-	-	-
Outreach/Engagement	\$19,180	\$5,000 ^B	-	-	-	\$14,180 ^C	-	-	-
Construction/ Implementation	\$12,987,688	\$3,330,000	\$1,333,333	\$1,333,333	\$1,303,334		\$2,828,844	\$2,828,844	-
O&M (Annual)	\$113,840 ^D	-	-	-	-	-	-	-	\$113,840
Total by Fiscal Year:	\$13,867,082	\$3,600,000	\$1,333,333	\$1,333,333	\$1,333,334	\$450,745	\$2,846,249	\$2,846,249	\$123,840
Total by Source:	\$13,867,082	\$7,600,000				\$6,267,082			

^A Leveraged funds include \$767,000 from the Los Angeles County Open Space and Park Grant, \$1,345,000 from Costco Wholesale Corporation, and additional funds from the City’s Measure CW, SCWP municipal program funds, and/or other funding sources.

^B Costs incurred between November 7, 2018 (passing of Measure W) and Fiscal Year 2020-21.

^C Costs incurred (in-part or fully) prior to Fiscal Year 2020-21 (some of which were incurred prior to the passing of Measure W [SCWP]).

^D O&M and monitoring cost shown is the expected annual cost and will continue for life of project. Currently, funding has not been secured through SCWP and is shown under leveraged funds. If future funding is obtained, the table will be updated accordingly.

^E An additional \$4,000,000 was requested from SCWP for the construction phase for the fiscal year 2025-2026. The “design” category in the PMR is for design services during the construction phase (i.e. submittal review, construction engineering support, etc.).



A-2. Consistent with SCW Program Goals

By signing this Agreement, the Recipient shall provide certification that the Budget Plan is consistent with SCW Program Goals as described in Chapter 18, Section 4 of the Los Angeles County Flood Control District Code.

The Recipient shall include a summary of how the identified SCW Program Goals are expected to be achieved through the Funded Activity, including quantitative targets and corresponding metrics for subsequent reporting of all applicable parameters.

The goals of the SCWP include (asterisk [*] denotes benefits provided by the Project, as further described below):

- A. Improve water quality and contribute to attainment of water-quality requirements.*
- B. Increase drought preparedness by capturing more stormwater and/or urban runoff to store, clean, reuse, and/or recharge groundwater basins.*
- C. Improve public health by preventing and cleaning up contaminated water, increasing access to open space, providing additional recreational opportunities, and helping communities mitigate and adapt to the effects of climate change through activities such as increasing shade and green space.
- D. Leverage other funding sources to maximize SCWP goals.*
- E. Invest in infrastructure that provides multiple benefits.*
- F. Prioritize Nature-Based Solutions.
- G. Provide a spectrum of project sizes from neighborhood to regional scales.
- H. Encourage innovation and adoption of new technologies and practices.
- I. Invest in independent scientific research.
- J. Provide Disadvantaged Community (DAC) benefits, including Regional Program infrastructure investments, that are not less than 110% of the ratio of the DAC population to the total population in each watershed area.
- K. Provide Regional Program infrastructure funds benefitting each municipality in proportion to the funds generated within their jurisdiction, after accounting for allocation of the 110% return to DACs, to the extent feasible.
- L. Implement an iterative planning and evaluation process to ensure adaptive management.
- M. Promote green jobs and career pathways.
- N. Ensure ongoing operations and maintenance for projects.*

The Project meets the SCWP goals by diverting runoff into a subsurface storage system beneath the sidewalk on Glencoe Avenue along with subsurface vaults where runoff will be filtered and treated by an Ultra-Violet (UV) system. Some treated stormwater and dry-weather runoff will be retained for irrigation and some will be routed back to the storm drain via gravity flow. The Project provides water quality benefits by reducing the pollutant loads reaching downstream receiving waters (aligns with goals A and B

identified above). This benefit can be categorized as a volume removed from the system or as a pollutant load removed from the system. The Project also provides water supply benefits, as some of the treated runoff will be used for irrigation (aligns with goal E, in addition to those identified above). This benefit can be measured as a volume capture. The benefits and metrics are summarized in **Table 2** below.

Table 2 Summary of Project Benefits and Metrics

Benefit	Metric	Description
Water Quality (Dry-Weather)	Acre-feet (AF) Acre-feet per year (AFY)	Volume of polluted runoff will be captured/diverted by Project.
	Pounds (lbs) Pounds per year (lbs/year)	Pollutant concentration multiplied by volume capture = load removed.
Water Supply	Acre-feet (AF) Acre-feet per year (AFY)	Volume of runoff diverted for irrigation use.

The Project is designed to address the 85th percentile, 24-hour runoff volume and peak flow rate. The Project has a storage capacity of 3.11 acre-feet and is expected to capture on average 25.4 acre-feet of runoff annually. Based on an hourly 10-year Watershed Management Modeling System (WMMS) simulation, total zinc, copper, lead, nitrogen, and phosphorus are expected on average to be reduced by 41.11, 10.7, 8.59, 541.72, and 80.36 pounds annually. The Project is expected to reduce *E. coli* loading on average by 1.18 X 10¹⁴ MPN/100mL annually.

In addition to the water quality and supply benefits, the Project leverages other funding sources, including grants, municipal funds, and the P3 with Costco Wholesale Corporation (aligns with goal D). The Project design includes Low Impact Development (LID) features to slow down flows and provide preliminary pretreatment. An O&M Manual has been developed for the Project, which will be used following implementation (aligns with goal N).



A-3. Estimated Reasonable Total Activity Cost

The Recipient shall submit a detailed estimate total Activity Cost for all phases and tasks included in the work schedule for the Funded Activity.

The costs for each task/activity described in **Section A-4** are summarized in **Table 1** and further detailed in **Table 3**. SCWP funding will be used to support construction activities. The cost breakdown has changed slightly since the original SCWP application was submitted based on advancements to the Project, which includes a refined cost opinion. The latest cost opinion, consultant fee proposals, and projected costs are incorporated into the cost summary below.

Table 3 Summary of Project Costs

Element	Cost	Source/Notes
Project Management		
Project Management (Contracted)	\$34,876	Consultant costs
Bid Support (Contracted)	\$7,304	
SCWP Reporting (through Construction)	\$55,010	
SCWP Reporting (during Monitoring)	-	To be determined in future
Sub-Total:	\$97,190	
Project Effectiveness and Performance (Annual)		
Annual Monitoring	\$10,000	Estimated annual cost based on similar projects in region
Sub-Total:	\$10,000	Estimated annual cost (will be confirmed in future) – leveraged funds
Permitting/Environmental		
Environmental Studies	\$72,893	Consultant costs (cultural, noise, vibration, traffic, etc.)
California Environmental Quality Act (CEQA) Documentation	\$42,325	Consultant costs (development of a Mitigated Negative Declaration [MND])
Permitting	\$18,586	Consultant costs
Sub-Total:	\$133,804	
Planning/Design/Engineering		
Planning	\$77,309	Consultant costs (utility search, survey, conceptual design, etc.)
Studies	\$21,100	Consultant costs (hydrology/hydraulics)
Plans, Specifications, and Estimates	\$406,971	Consultant costs (including design iterations)
Sub-Total:	\$505,380	Incurring costs (leveraged funds)
Outreach/Engagement		
Outreach/Engagement (Pre-	\$19,180	Consultant costs

Element	Cost	Source/Notes
Construction)		
Outreach/Engagement (Post-Construction)	-	To be determined in future
Sub-Total:	\$19,180	
Construction/Implementation		
Construction Management and Engineering Support	\$987,688	Anticipated consultant costs
Construction	\$12,000,000	Estimated construction cost
Sub-Total:	\$12,987,688	
Annual O&M and Monitoring		
Annual Operation	\$50,000	Estimated annual cost based on similar projects in region
Annual Maintenance	\$63,840	Estimated annual cost (amortized) based on anticipated hours/rates
Sub-Total:	\$113,840	Estimated annual cost (will be confirmed in future) – leveraged funds
Total:	\$13,867,082	Includes only 1 year of O&M/monitoring



A-4. Funded Activity Description and Scope of Work

The Recipient shall provide a general description of the Funded Activity and a detailed scope of work. The scope of work may include:

- 1. Project Management, including required reporting*
- 2. General Compliance Requirements/Project Effectiveness and Performance*
- 3. Permitting and Environmental Compliance*
- 4. Planning, Design, and Engineering*
- 5. Stakeholder and Community Outreach/Engagement Activities*
- 6. Right of Way Acquisition*
- 7. Construction and Implementation*
- 8. Operation and Maintenance*

The Project addresses discharges from the City within the MdR Watershed. The Project will capture flows up to the 85th percentile, 24-hour storm event generated within the City and part of the MdR Watershed. Runoff will be diverted into a smaller subsurface storage system beneath the sidewalk on Glencoe Avenue along with subsurface vaults where runoff will be filtered and treated by an Ultra-Violet (UV) system. The treated stormwater and dry-weather runoff will be routed back to the storm drain via gravity flow. A portion of the runoff captured in the subsurface storage system will be held for onsite irrigation.

The Project includes the following scope of work items:

1. Project Management, including required reporting

Project Management involves miscellaneous expenditures, including invoicing, project management, project scheduling, grant reporting, development of a monitoring plan, and administering the bid and award process. The current costs included above are based on consultant fees only and do not include the City's in-kind services.

2. General Compliance Requirements/Project Effectiveness and Performance

This task includes post-construction monitoring to assess the effectiveness of Project implementation. A preliminary Monitoring Plan was submitted as an Attachment with Section 2.7 of the SCWP application, which identified the projected Project benefits (quantified) and an approach for how to assess whether the Project is effective following implementation. The preliminary Monitoring Plan is included as **Attachment A** for easy reference. The post-construction monitoring plan will be updated once the Project design phase is complete. A minimum of three (3) years of monitoring will be implemented following construction. Data collected through flow meters and water quality samples are expected to be used to assess the Project's effectiveness. The budget identified above for this task is for monitoring and data assessment. Development of a monitoring plan is included under Project Management.

3. Permitting and Environmental Compliance

An Initial Study and Mitigated Negative Declaration (IS/MND) has been prepared on behalf of the City to identify potential site-specific environmental constraints associated with the Project in alignment with CEQA. On December 13, 2018, the Notice of Intent (NOI) to Adopt a Mitigated Negative Declaration was published. The City Council approved the IS/MND on January 28, 2019. The Project configuration changed since the original environmental documents were prepared, and the environmental documents and noise/vibrational study were updated based on the revised design. The updated Notice of Determination (NOD) was filed with the Los Angeles County Clerk on August 14, 2020.

Coordination with the Los Angeles Department of Public Health (LADPH) was ongoing during the design process for the capture and onsite use aspects of the Project. Captured runoff will be used to irrigate medians that will be installed in the future as a separate project. The plans were submitted to LADPH for reference, while the agency lead for the future median project will ultimately seek approval (not included as part of this Project). The Project includes minor improvements within the City of Los Angeles. A B-Permit is required for these improvements and will be secured prior to construction. This task does not include construction permits, as they will be obtained by the selected Contractor prior to construction.

4. Planning, Design, and Engineering

Plans, Specifications, and Estimates (PS&Es) were prepared at the 60% and 90% phases, and 100% PS&Es will be completed prior to the bid process. Additional consultant services during the design phase include a geotechnical exploration, hydrologic analysis, topographic survey, utility mapping, and concept development. Final design was almost complete for the initial design approach, when public/stakeholder input resulted in significant changes to the design, which is why the cost breakdown above includes initial consultant services, along with redesign services.

5. Stakeholder and Community Outreach/Engagement Activities

Outreach and engagement activities are further described in **Section A-8**. Outreach and engagement have been ongoing with the community and stakeholders since the design process started. Meetings and events have been held with Costco and the surrounding business community. Public meetings have also been held, along with door-to-door inquiries with the community members near the Project. These efforts will continue into the implementation phase.

6. Right of Way Acquisition

This task does not apply to the Project (no right-of-way acquisition required for Project implementation).

7. Construction and Implementation

Construction activities are expected to include the following, in addition to construction management and construction engineering support:

- Mobilization: Project start-up, scheduling, etc.
- Demolition: removal of interfering infrastructure and roadway surfaces for the construction of Project elements (subsurface and surface)
- Traffic control: implementation and take down of traffic control measures during construction of various Project components/phases

- Diversions: storm drain diversion and three (3) trench inlet diversions
- Pretreatment: excavation and installation of pretreatment system downstream of diversions
- Piping: from diversions to pretreatment, pump stations, subsurface storage systems, and treatment systems
- Pump stations: excavation and installation of diversion pump station, irrigation and rainwater harvesting pump station, and backwash pump station; including valves and appurtenances
- Subsurface storage system: excavation, hauling, and installation of subsurface storage systems on Glencoe Avenue
- Treatment systems: excavation, hauling, and installation of treatment systems on Glencoe Avenue
- Electrical: electrical panel, conduit, and wiring to power pump stations and appurtenances
- Surface restoration: paving (street/sidewalk), landscape, and irrigation to restore/enhance the surface disrupted during construction

8. Operation and Maintenance

The Operation and Maintenance task includes inspections and corrective actions as necessary, as described in the Project O&M Manual that was submitted as an Attachment to Section 2.8 of the SCWP application, and is included as **Attachment B** for easy reference. O&M will be performed annually for the life of the Project. The preliminary O&M Manual will be finalized following construction, such that it includes specific components ultimately constructed.

A-5. Operations and Maintenance (O&M) Plan

Where the Funded Activity is an Infrastructure Program Project, the Recipient shall submit a plan describing the activities necessary to perform O&M for the Infrastructure Program Project to ensure it remains in good working order throughout the useful life of the Infrastructure Program Project using SCW Program Contributions. The O&M plan shall address the activities described in Exhibit F to the greatest extent feasible and in as much detail as possible based on the completeness of the Project design and construction. The Recipient shall update the O&M plan in connection with each Addenda until completion of the Infrastructure Program Project and the submittal of a final O&M plan.

The Recipient shall specifically identify the entity that will be performing the O&M for the lifetime of the Project. If this is not the Recipient, the Recipient shall submit a letter of commitment from the entity that will be performing the O&M (See Exhibit F, for example activities). The letter of commitment shall include details demonstrating how the provider is qualified and capable of providing the necessary ongoing O&M services.

The Recipient may elect to request the local municipality or District to provide O&M for the useful life of the Infrastructure Program Project using SCW Program Contributions. If the Recipient does not elect to seek the District's services or if the District is unable to provide the services as requested, the Recipient shall include in the letter of commitment reference to the above details demonstrating how the provider is qualified and capable of providing the necessary ongoing O&M services.

Regular maintenance and inspection schedules are necessary to preserve the Project's effectiveness and longevity. The City will evaluate whether they will inspect, operate, and maintain the Project, contract it out, or use a combination of their staff and contracted workers. Accumulated debris and sediment will need to be removed from the subsurface storage system and pretreatment unit on an annual or periodic basis. The pump stations will need to be inspected periodically and repaired as needed. The systems will be regularly inspected to determine if they need to be cleaned/maintained.

The preliminary O&M Manual was submitted as an Attachment to Section 2.8 of the SCWP application (included as **Attachment B**). The manual outlines operation, inspection, and maintenance requirements for each component and will include specifications, as-built plans, and maintenance/inspection logs following Project implementation. A letter of commitment from the City demonstrating the City's commitment to operate and maintain the Project (using their staff or contracted workers) in accordance to the O&M Manual has also been included as an Attachment to Section 2.8 of the SCWP application, and is included as **Attachment C** for easy reference.

A-6. Post-Construction Monitoring

Where the Funded Activity is an Infrastructure Program Project, stormwater quality monitoring data shall be collected and reported in a manner consistent with the [State Water Resources Control Board] SWRCB database, the [California Environmental Data Exchange Network] CEDEN for a period of three years. The Recipient shall submit a post-construction monitoring plan when the design phase is complete. The post-construction monitoring plan will evaluate the effectiveness of stormwater treatment facilities and include the project description; quality objectives; sampling design; sampling procedures; quality control; data management verification, and reporting; data quality assessment; and data analysis procedures.

A preliminary Monitoring Plan was submitted as an Attachment to Section 2.7 of the SCWP application (included as **Attachment A**). As requested, a post-construction monitoring plan will be prepared once the Project design phase is complete. A monitoring program will be implemented to determine if the benefits anticipated are provided by the Project, specifically in the initial time following implementation.

The Project includes a flow meter just downstream of the subsurface storage to quantify flows discharged to the existing 48-inch RCP BI 3876 storm drain by the Project. The flow meter will collect volumetric data that will become an integral part of quantifying Project benefits. The readings captured on the flow meter will be downloaded periodically to identify how much volume was captured and diverted to the storm drain. These readings will provide the water quality and water supply benefits in acre-feet (AF) or acre-feet per year (AFY).

If there is a need to quantify the pollutant load reduction provided by the Project, then the City will take grab samples at the Project diversions, pretreatment system, or high flow diversion pump station to quantify the pollutant concentrations associated with the system inflow. A monitoring plan will be developed to identify the grab sample procedures, exact location, and frequency. It is anticipated that bacteria and metals loads will be quantified in association with existing Mdr Watershed Total Maximum Daily Loads (TMDLs). Results from water quality monitoring (concentrations) will be used with the volume capture readings from the flow meter to approximate the total pollutant load removed by the Project. The data collected with the flow meter and grab samples would be used to quantify the water quality benefit as pounds of pollutant removed or pounds of pollutant removed per year. If bacteria are being analyzed for, then the metrics will not be in pounds, but in Most Probable Number (MPN).

A-7. Sustainability Rating

Where the Funded Activity is an Infrastructure Program Project that has applied for Institute for Sustainable Infrastructure (ISI) verification, the Recipient shall submit the final score and Envision award level.

Although the Project will not be applying for ISI/Envision verification, the Project incorporates several aspects of sustainability in the design. The Project will reduce pollutant loading to downstream water bodies by capturing wet- and dry-weather runoff. The captured runoff will be treated with UV and discharged downstream. A portion of the captured runoff will be retained onsite for irrigation. In addition to water quality benefits, the Project also provides water supply benefits, with a small portion being used for onsite irrigation, therefore, reducing the demand for imported/potable water.

A-8. Stakeholder and Community Outreach/Engagement Plan

The Recipient shall submit a Stakeholder and Community Outreach/Engagement Plan for Infrastructure Program Projects and include a discussion of how local NGOs or CBOs will be involved, if applicable, and if not, why. Additional outreach/engagement activities, even if funded by other sources, should be referenced to provide an overview of anticipated overall project approach. The plan shall, at a minimum include:

1. Community outreach activities to provide information to residents and information about upcoming meetings or other engagement activity event is scheduled. Outreach methods used should be appropriate in scale and type to the community being served. Outreach methods include but are not limited to: Online Media Outreach (email blasts, social media, publication on a website), Local Media Outreach (newsletters, local and regional newspapers, and local radio and television), and/or Grassroots Outreach (door-to-door canvassing, phone banking, surveys and focus groups, and distribution of flyers or other printed materials). The District will support outreach efforts through web-based platforms if requested at least four weeks prior to the requested publish date. The District should be included in all social media outreach and notified of all meetings and other engagement events.
2. Community engagement activities solicit, address, and seek input from community members for Funded Activities. These events may occur as part of any public meeting with multiple agenda items such as council, commission, or committee meetings where public input is invited; or at festivals, fairs, or open houses where a table or booth may be set up.
3. Stakeholder and Community Outreach/Engagement Plan requirements:
Stakeholder and Community Outreach/Engagement Plan activities should occur at the onset of the project, during the design phase, and during construction.

Infrastructure Program Project Funds	Required Activity 1	Required Activity 2
Up to \$2M	Outreach or Engagement	
Up to \$10M	Outreach	≥1 Engagement
Over \$10M	Outreach	≥2 Engagement

4. If the Funded Activity is for the O&M of an Infrastructure Program Project Stakeholder and Community Outreach/Engagement Plan activities should occur biennially to remind communities of the SCW Program Contribution.
5. Activities and measures to mitigate against displacement and gentrification. This includes, as applicable, an acknowledgment that the Funded Activity will be fully subject to and comply with any County-wide displacement policies as well as with any specific anti-displacement requirements associated with other funding sources.

Several outreach meetings were conducted with residents and businesses that will be impacted by Project construction. The City has revised the design of the Project based on input received at the outreach events. Outreach efforts will continue into final design and construction in an effort to maintain awareness of the Project and its potential impacts. The Project has support from the non-profit organization Heal the Bay, as evidenced by the letter included in an Attachment to Section 7.2 of the SCWP application.

The following methods of outreach have been used, some of which will also be used in future outreach:

- Social media advertisement
- Website with Project information and advertisement for engagement events
- Mailers with Project information and advertisement for engagement events
- Door-to-door canvassing
- Exploring opportunities to post project information at Costco or use their distribution lists to inform shoppers

Table 4 summarizes community engagement that has occurred and is anticipated moving forward. The table does not include City Council meetings, which have also provided a platform for the community to share comments and feedback. Several stakeholder meetings have also been held with surrounding agencies and specific businesses, which are not identified in the table below.

Table 4 Past and Future Engagement Events

Date	Event	Notes
During Planning/Design/Engineering Phase		
11/08/2018	Project Introduction/Update	Presented anticipated project layout, schedule, and traffic impacts
04/30/2019		
10/28/2019	Design Modifications	Met with community to present updated design approach
05/06/2019	Outreach with business community	
During Construction/Implementation Phase		
To be determined	Pre-Construction Meeting	Update the community on schedule and what to expect during construction

The City acknowledges that the Project will be fully subject to and comply with any County-wide displacement policies as well as with any specific anti-displacement requirements associated with other funding sources. These requirements are not currently anticipated, as the Project will not take away, limit access to, or significantly impact existing and/or future housing.



A-9. Tracking Infrastructure Program Project Benefits

The Recipient shall submit an overview of the benefits achieved upon the Activity Completion. SOW [Scope of Work] shall include quantitative targets and corresponding metrics for subsequent reporting of all applicable parameters.

The Project provides water quality benefits by reducing the pollutant loads reaching downstream receiving waters through the removal of runoff from the system. The Project also provides water supply benefits, as some of the treated runoff will be used for irrigation. The Project is designed to address the 85th percentile, 24-hour runoff volume and peak flow rate. The Project has a storage capacity of 3.11 acre-feet and is expected to capture on average 31.9 acre-feet of runoff annually. Based on an hourly 10-year WMMS simulation, total zinc, copper, lead, nitrogen, and phosphorus are expected on average to be reduced by 41.11, 10.7, 8.59, 541.72, and 80.36 pounds annually. The Project is expected to reduce *E. coli* loading on average by 1.18×10^{14} MPN/100mL annually. The benefits and metrics are summarized in **Table 2**. Once the Project is constructed, the Monitoring Plan will be implemented to assess Project performance relative to the quantitative targets described above and in **Section A-6**.

A-10. Work Schedule and Completion Data

The Recipient shall submit a detailed schedule, including start and completion dates for all phases and tasks of the scope of work for the Funded Activity. For Funded Activities that will be performed over more than one Fiscal Year, the work schedule must clearly identify the phases and tasks that will be performed in each Fiscal Year.

The Project tasks, including start and completion dates are shown in **Table 5**. The Project schedule has changed slightly since the SCWP application was submitted based on advancements to the Project and pending the award of funding.

Table 5 Anticipated Project Schedule

Task	Start Date	Completion Date
Project Management	June 2017	July 2030
Project Effectiveness and Performance	July 2027	July 2030
Permitting/Environmental	June 2017	April 2021
Planning/Design/Engineering	June 2017	April 2025
Outreach/Engagement	November 2018	September 2021
Construction/Implementation	January 2026	June 2027
O&M	July 2027	(useful life of Project)

Attachment A

Preliminary Monitoring Plan



City of Culver City Washington Boulevard Stormwater and Urban Runoff Diversion Project Preliminary Monitoring Plan

Prepared for:



City of Culver City
9770 Culver Boulevard, Culver City, CA 90232
TEL (310) 253-5635

Prepared by:



1561 E. Orangethorpe Avenue, Suite 240
Fullerton, California, 92831

TEL (714) 526-7500 | FAX (714) 526-7004 | www.cwecorp.com

December 2019

1. Background

The City of Culver City (City) is implementing the Washington Boulevard Stormwater and Urban Runoff Diversion Project (Project) in an effort to improve water quality in the Marina del Rey (MdR) Watershed, while also providing water supply benefits. The Project was identified in the MdR Enhanced Watershed Management Program (EWMP) Plan as a priority regional project and will assist the MdR group in addressing applicable Total Maximum Daily Loads (TMDLs) and water quality priorities. **Figure 1-1** illustrates the MdR Watershed and the jurisdictions within it.



Figure 1-1 ULAR Watershed and Watershed Group

The MdR EWMP was approved by the Regional Water Quality Control Board (Regional Board) in 2016 in response to the requirements set forth in the National Pollutant Discharge Elimination System (NPDES) Phase I Los Angeles County Municipal Separate Storm Sewer System (MS4) Permit, Order No. R4-2012-0175 (MS4 Permit). The EWMP identifies applicable water quality priorities and sets forth a plan as to how those priorities are to be addressed. A Reasonable Assurance Analysis (RAA) was completed, which modeled the existing water quality in the MdR Watershed. The RAA was also used to demonstrate the projects and programs proposed would address water quality priorities.

This Preliminary Monitoring Plan has been prepared to identify how monitoring will be performed to measure the effectiveness of the Project once completed. The Plan also identifies the metrics that will be used to assess the benefits provided. A detailed monitoring plan will be prepared once the Project has been implemented, which will further detail the monitoring requirements, while this preliminary plan identifies the general monitoring approach. A brief overview of the Project is included in this plan to set the stage for the monitoring approach.

2. Project Purpose and Goals

The Project is being implemented by the City to meet water quality goals as identified in the Mdr EWMP and as required by the MS4 Permit. The Project will address discharges from within the City into the Mdr Harbor and ultimately the Santa Monica Bay. **Figure 2-1** illustrates the general concept of the Project during wet-weather conditions. During dry-weather conditions, pretreated flows will be routed directly to the sanitary sewer, bypassing the subsurface storage system. The Project will reduce pollutant loading to downstream water bodies by capturing wet- and dry-weather runoff. Captured runoff will be discharged to the sanitary sewer for ultimate treatment at the Hyperion Water Reclamation Plant, where it will be used as recycled water. A portion of flows will be retained for onsite irrigation. In addition to water quality benefits, the Project also provides water supply benefits, as captured flows will be used as recycled water, with a small portion being used for onsite irrigation, therefore, reducing the demand for imported/potable water.

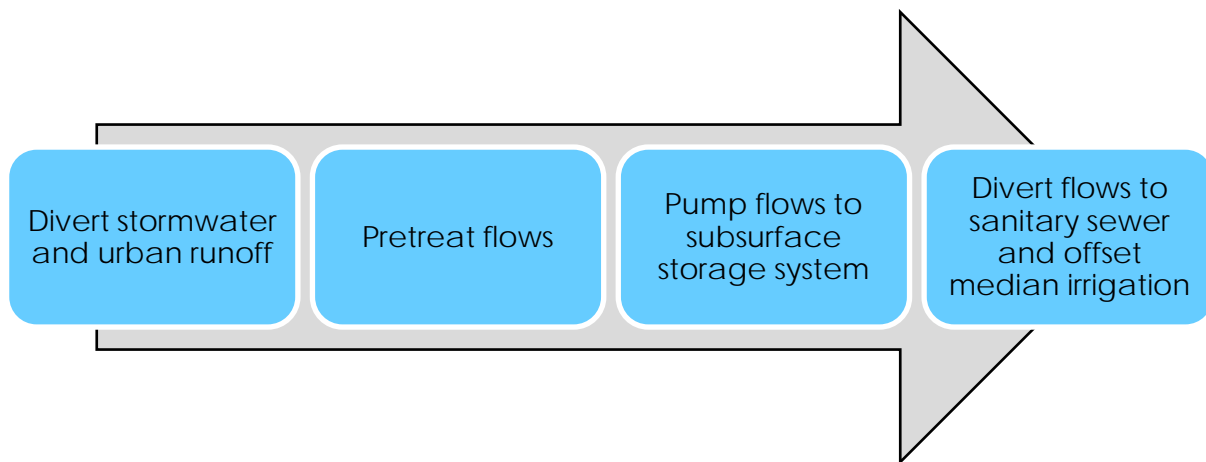


Figure 2-1 General Project Concept

Project goals are summarized as follows:

- Enhance water quality locally and in downstream water bodies
- Contribute towards the City's EWMP implementation goals
- Reduce local dependency on imported water through water reclamation and onsite use
- Educate local communities through education and outreach

3. Proposed Improvements

Figure 3-1 illustrates the general concept of the Project, which involves diverting runoff on the surface upstream of existing catch basins and from Costco's storm drain, pretreating runoff, and then conveying captured runoff to the sanitary sewer. During wet-weather, pretreated flows will be conveyed to the high flow diversion pump station, which will pump flows to the subsurface storage system located on Washington Boulevard and Glencoe Avenue. Flows will be released from the storage system 72 hours after measurable rain has been recorded. Released flows will be pumped to the sanitary sewer through the low flow sewer discharge pump. A small portion of flows will be retained in the subsurface storage system, which will be used to offset onsite irrigation. During dry-weather, pretreated flows will be routed directly to the low flow sewer diversion pump, which connects to the sanitary sewer.



Figure 3-1 Concept Layout

The subsurface storage system will have an approximate footprint of 0.2 acres, with a depth of about 14.8 feet, resulting in a storage capacity of approximately 2.96 acre-feet. Approximately 4,000 cubic feet of the storage will be held for onsite irrigation.

4. Project Benefits

The Project provides water quality benefits by reducing the pollutant loads reaching downstream receiving waters through the removal of flows from the system. Captured flows will be conveyed to the sanitary sewer system for treatment and use, which removes them, and their associated pollutant load, from the receiving water system. This benefit can be categorized as a volume removed from the system or as a pollutant load removed from the system. The Project also provides water supply benefits, as the flows diverted will be delivered to the Hyperion Water Reclamation Plant for treatment and eventual use as recycled/reclaimed water. This benefit can be measured as a volume capture. The benefits and metrics are summarized in **Table 4-1** below.

Table 4-1 Summary of Project Benefits and Metrics

Benefit	Metric	Description
Water Quality (Dry-Weather)	Acre-feet (AF) Acre-feet per year (AFY)	Volume of polluted runoff will be captured/diverted by Project.
	Pounds (lbs) Pounds per year (lbs/year)	Pollutant concentration multiplied by volume capture = load removed.
Water Supply	Acre-feet (AF) Acre-feet per year (AFY)	Volume of runoff diverted to sewer for treatment and use.

5. Monitoring Approach

The City anticipates being awarded funding for the Project, which typically requires implementation of a monitoring program to determine if the benefits anticipated are provided by the Project, specifically in the initial time period following implementation. The Project includes a flow meter just downstream of the sewer discharge pump station to quantify flows discharged to the sanitary sewer by the Project. The flow meter will collect volumetric data that will become an integral part of quantifying Project benefits. The readings captured on the flow meter will be downloaded periodically to identify how much volume was captured and diverted to the sanitary sewer. These readings will provide the water quality and water supply benefits in acre-feet (AF) or acre-feet per year (AFY).

If there is a need to quantify the pollutant load reduction provided by the Project, then the City will take grab samples at the Project diversions, pretreatment system, or high flow diversion pump station to quantify the pollutant load of the system inflow. A monitoring plan will be developed to identify the grab sample procedures, exact location, and frequency. It is anticipated that bacteria and metals loads will be quantified in association with existing MdR Watershed TMDL. Results from water quality monitoring (concentrations) will be used with the volume capture readings from the flow meter to approximate the total pollutant load removed by the Project. The data collected with the flow meter and grab samples would be used to quantify the water quality benefit as pounds of pollutant removed or pounds of pollutant removed per year. If bacteria are being analyzed for, then the metrics will not be in pounds, but in Most Probable Number (MPN).

Attachment B

Preliminary O&M Manual



City of Culver City Washington Boulevard Stormwater and Urban Runoff Diversion Project Operation and Maintenance Manual

Prepared for:



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December 2019

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1. Introduction

The City of Culver City (City) is implementing the Washington Boulevard Stormwater and Urban Runoff Diversion Project (Project) to address discharges from the City within the Marina Del Rey (MdR) Watershed. This Project involves a Public-Private Partnership (P3) between the City and Costco and was identified in the MdR Enhanced Watershed Management Program (EWMP). The Project will capture flows up to the 85th percentile, 24-hour storm event generated within the City and part of the MdR Watershed. During storm events, flows will be diverted, pretreated, and then pumped into a subsurface storage system located within the City's right-of-way on Washington Boulevard and Glencoe Avenue. Flows will then be discharged to the sanitary sewer, starting 72 hours after the rain has stopped. A portion of the flows captured in the subsurface storage system will be held for onsite irrigation. During dry-weather periods, flows will be diverted, pretreated, and then pumped directly to the sanitary sewer. Additional details pertaining to the proposed improvements are included in **Section 1.2**.

This Operation and Maintenance (O&M) Manual has been prepared to provide guidance for maintenance crews on the inspection and maintenance of proposed Project components. The manual outlines operation, inspection, and maintenance requirements and will include specifications, as-built plans, and maintenance/inspection logs following Project implementation.

1.1 Purpose

The purpose of the Project is to improve water quality within the MdR Watershed by capturing and retaining flows. Removing flows from the system will in turn reduce the pollutant load reaching downstream conveyances, including the MdR Harbor and Santa Monica Bay. The Project will also provide water supply benefits. Captured flows will be conveyed to the Hyperion Water Reclamation Plant where they will be treated and used for recycled water. This will provide additional capacity for locally sourced water and reduces the demand for imported water. The Project will also retain captured flows for onsite irrigation.

1.2 Proposed Improvements

Runoff, including both dry- and wet-weather, will be diverted prior to reaching the Los Angeles County Flood Control District (LACFCD) storm drain system. Surface diversions in the flowline and a diversion from Costco's private storm drain will be used to capture flows. Diverted flows will be pretreated in a hydrodynamic separator or other approved pretreatment device, resulting in the removal of sediment and debris. During storm events, pretreated flows will be conveyed to a high flow diversion pump well, where they will be pumped to the subsurface storage system located on both Washington Boulevard and Glencoe Avenue. Flows will be held in the subsurface storage system until 72 hours after the rain has stopped. At that time, flows will be slowly discharged to a low flow sewer discharge pump, which will pump flows to the sanitary sewer system for ultimate treatment at the Hyperion Water Reclamation Plant. A small portion of the captured flows will be retained in the subsurface storage system for onsite irrigation use. When dry-weather flows are captured, then will be pretreated and conveyed directly to the sewer discharge pump station, bypassing the subsurface storage system.

Figure 1-1 illustrates the proposed improvements that will be constructed as part of the Project. As-builts will be included in **Appendix A** following construction of the Project.



Figure 1-1 Proposed Conditions

1.3 Location of the Project

The Project is located in the rights-of-way of Washington Boulevard and Glencoe Avenue within the City of Culver City, as illustrated in **Figure 1-1**. The proposed diversion structures are located on Washington Boulevard between the west Costco driveway and Walnut Avenue. The pumps and pretreatment unit are located on Washington Boulevard near the west Costco driveway, in close proximity to the diversions. The subsurface storage system is located on Washington Boulevard between the east and west Costco driveways and on Glencoe Avenue between Washington Boulevard and Zanja Street. The subsurface storage systems on Washington Boulevard and Glencoe Avenue will be connected by a pipe. The site is surrounded by urban development including multi- and single-family homes and commercial buildings. Following Project completion, the proposed Project improvements will be accessible by maintenance holes within Washington Boulevard and Glencoe Avenue. The Project location is illustrated in **Figure 1-2**.



Figure 1-2 Project Site Map

1.4 References

The Project components will be inspected, operated, and maintained as described in this manual. References and technical specifications for the pretreatment unit and pumps are attached in **Appendix B** and **Appendix C**.

2. Project Description

Regular maintenance and inspection schedules are necessary to preserve the Project's effectiveness and longevity. The following sections detail the necessary tasks required to operate, inspect, and maintain the Project's components.

2.1 Operation

The main system components include the diversion structures (grated inlets and modified manhole with a drop inlet and pipe), pretreatment unit, pump station with appurtenances, force main, and subsurface storage system. Opportunities to use green infrastructure as a diversion are being explored and would require different maintenance than a grated trench diversion. The system also includes a flow regulating valve and flow meter on the pipe entering the sewer discharge pump station. An additional flow meter is also located downstream of the sewer discharge pump station (within the valve vault). Once in place, the diversion structure will not require any specific operations, as it will function on its own. Inspections and maintenance related to the diversion system is further discussed below.

The pump station will operate automatically based on controls put into place during construction. The pump systems will each have two pumps for redundancy in case one of the pumps breaks down or needs to be serviced. The pumps will operate one at a time and will alternate operations to reduce overuse and prolong their lifespan. The high flow diversion pumps will only operate during high flows and will automatically shut-off during high low periods. The wet well will be filled with water to the level set point before the pumps turn on. When the pump is in the operation, the valves and piping associated with the pump will be utilized. The pump systems do not require manual operation. Inspection and maintenance related to the pump systems are further discussed below.

2.2 Maintenance and Inspections

Descriptions of the operation/maintenance and inspection frequency of the Project's components are listed in **Table 2-1**.

The City will be responsible for inspection, operation, and maintenance. Contact information is as follows:

City of Culver City
Department of Public Works
Environmental Programs and Operations Division
9505 Jefferson Boulevard
Culver City, CA 90232
(310) 253-5635

Table 2-1 Inspection and Maintenance Summary

Component	Operation/Maintenance	Inspection Frequency
Diversion System (trench grates and drop manhole)	<ul style="list-style-type: none"> ➤ Inspect for accumulated sediment and debris within manhole and trenches ➤ Inspect conveyance pipes for clogging ➤ Remove accumulated materials from the pipe system 	Before and after the storm season (twice per year)
Diversion System (green infrastructure)	<ul style="list-style-type: none"> ➤ Inspect for accumulated sediment and debris ➤ Remove tree grate (for Filterra or equivalent) to remove accumulated materials ➤ Replace mulch 	Before and after the storm season (twice per year)
Mosquito/Vector Screens/Barriers	<ul style="list-style-type: none"> ➤ Inspect screen/barrier for rips or holes ➤ Replace screen/barrier if damage is observed 	Quarterly
Pretreatment Unit	<ul style="list-style-type: none"> ➤ Inspect unit separation chamber and sump for accumulated trash, debris and sediment and remove as necessary ➤ Inspect screen for clogging and remove accumulated material as necessary 	Before and after the storm season (twice per year)
Pump Systems and Valves	<ul style="list-style-type: none"> ➤ Inspect pump well for sediment and debris and remove as necessary ➤ Check valves for operation and clogging ➤ Clear material and replace valves as necessary ➤ Inspect bearings and impeller for wear ➤ Lubricate bearings as needed ➤ Check pump for operation ➤ Verify pump levels have been maintained ➤ Consult manufacturer if pump has not been operated in more than 12 months or if more extensive maintenance is required ➤ During operation, check pump for excessive noise, vibration, or other abnormal conditions 	Semi-annually (at a minimum) (twice per year)
Flow Meter	<ul style="list-style-type: none"> ➤ Inspect flow data to identify anomalies ➤ Troubleshoot with manufacturer if data anomalies observed ➤ Mostly maintenance free, but calibrate annually 	Once per year
Subsurface Storage System	<ul style="list-style-type: none"> ➤ Inspect storage for sediment and debris and remove as necessary ➤ Inspect inlet/outlet pipes for clogging and remove debris as necessary ➤ Use vacuum truck to remove accumulated materials 	Before and after the storm season (twice per year)

2.3 Repair, Replacement, Rehabilitation, and Removal

The Project components shall be inspected and maintained on a regular basis, as detailed in **Table 2-1**. It is recommended that the specialized components be maintained by qualified personnel. The City will either contract out some of the maintenance or be trained on how to maintain the components. Any damage observed shall be repaired, replaced, rehabilitated, or removed, depending on the damage and manufacturer (or specialist) recommendations. Detailed product information will be submitted to the City by the selected Contractor, including O&M protocols, which will be included in this manual following construction.

2.4 Regulatory Requirements

All the described inspection and maintenance activities are exempt from local or regulatory permits.

2.5 Third Party Agreements

There are no third party agreements in place for the inspection, operation, and/or maintenance of the Project components described in this O&M Manual at this time. The City will receive funding from Costco to support ongoing O&M based on their contribution to the Project.

3. Cost

Table 3-1 summarizes the anticipated maintenance cost. The maintenance cost is based on the number of crews/staff required, staff level expertise, and hours of maintenance per year. The hourly rate is based on general industry averages and may vary depending on whether the City will maintain or hire a maintenance team. It is expected that at least two laborers are onsite performing maintenance. The hourly projections may also vary depending on the final equipment constructed. These projections will be updated following construction. In addition to the maintenance costs projected below, it is anticipated that approximately \$50,000 of operational costs will exist per year in association with sewer discharge, inspection, and utility (electrical and other) fees. Costs will likely increase about 3% annually based on inflation, which is not shown in the table below.

Table 3-1 Anticipated Maintenance Cost

Component	Frequency	Hours by Position per Year			Equipment Rental	Total Cost
		Superintendent	Foreman	Laborer		
		\$150	\$120	\$75		
Diversion System	Twice per year	12	36	72	Equipment used for many of the components	\$11,520
Diversion System (green infrastructure)	Twice per year	4	12	24		\$3,840
Mosquito/Vector Screens/Barriers	Quarterly	4	12	24		\$3,840
Pretreatment	Twice per year	12	36	72		\$11,520
Pump Systems and Valves	Twice per year	14	42	84		\$13,440
Flow Meter	Once per year	4	12	24		\$3,840
Subsurface Storage System	Twice per year	14	42	84		\$13,440
TOTAL:		64	192	384		\$2,400

Appendix A

As-Built Drawings



As-built drawings will be included upon Project completion



Appendix B

Technical Specifications



Specifications will be included upon Project completion



Appendix C

Catalog Cut Sheets and Pertinent Data



As-built drawings will be included upon Project completion



Appendix D

Inspection and Maintenance Logs



Pretreatment Unit Inspection and Maintenance Log

Date	Inspection/Maintenance Personnel	Inspection/Maintenance Performed	Additional Notes



Pump and Valve System Inspection and Maintenance Log

Date	Inspection/Maintenance Personnel	Inspection/Maintenance Performed	Additional Notes



Subsurface Storage System Inspection and Maintenance Log

Date	Inspection/Maintenance Personnel	Inspection/Maintenance Performed	Additional Notes



Attachment C
Letter of Commitment for O&M





Culver CITY

PUBLIC WORKS DEPARTMENT

9770 Culver Boulevard, Culver City, California 90232



(310) 253-5600
FAX (310) 253-5626

Charles D. Herbertson, P.E., LS
Public Works Director and
City Engineer

December 5, 2019

Los Angeles County Flood Control District
Safe Clean Water Program
900 S. Fremont Avenue
Alhambra, California 91803

Culver City Washington Boulevard Stormwater and Urban Runoff Capture and Diversion - Letter of Commitment

To Whom It May Concern,

The City of Culver City (City) is seeking funding for the Washington Boulevard Stormwater and Urban Runoff Diversion Project (Project) through the Regional Safe Clean Water Program (SCWP). The regional multi-benefit project provides water quality and water supply benefits. Runoff will be captured within the City's portion of the Marina del Rey Watershed and pumped into the sanitary sewer system for eventual treatment at the Hyperion Water Reclamation Plant located in the City of Los Angeles. The Project will store captured stormwater in a subsurface storage system within the City's right-of-way on Washington Boulevard and Glencoe Avenue prior to discharging to the sanitary sewer. The Project will improve water quality by assisting the region in addressing Total Maximum Daily Loads (TMDLs) in the Marina del Rey Watershed. The Project also improves local water supply by making additional flows available for reclamation, to help reduce reliance of imported water, and also using captured runoff for local irrigation for Washington Boulevard's raised landscaped medians.

The City commits to operate and maintain the Project in accordance to the Operation and Maintenance (O&M) Plan prepared and submitted as part of the Regional SCWP application process for the useful life of the Project. Upon completion of the Project, the O&M Plan will be updated and finalized based on the parts and components implemented. We understand the following major elements will require maintenance:

- Diversion structures and piping

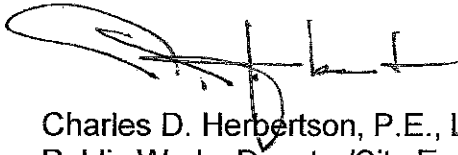
Culver City employees take pride in effectively providing the highest levels of service to enrich the quality of life for the community by building on our tradition of more than a century of public service, by our present commitment, and by our dedication to meet the challenges of the future.

PRINTED ON RECYCLED PAPER

- Pump stations (diversion, sewer discharge, and irrigation)
- Flow meter and valve
- Subsurface storage system
- Rainwater harvesting system

If you need additional information, please do not hesitate to contact Lee Torres, Project Manager, at 310.253-6457.

Thank you,



Charles D. Herbertson, P.E., L.S.
Public Works Director/City Engineer

cc: Kim Braun, Environmental Programs and Operation Division Manager
Lee Torres, Senior Civil Engineer