Los Angeles Regional Water Quality Control Board

CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER

Effective Date: August 17, 2021

Program Type: Fill/Excavation

Reg. Meas. ID:	418024
Place ID:	842799
WDID:	4WQC40117153
NWP:	43
USACOE#:	
404 LFTF-1	2020-00033-GLH
404 LFTF-2	2020-00034-GLH
404 Mesmer	SPL-2017-00711-GLH
408 LFTF-1	408-SPL-2020-0008
408 LFTF-2	408-SPL-2020-0009
408 Mesmer	408-SPL-2019-0028
R4 File No:	17-153

Project Type: Permanent Diversion Structures

Project: Ballona Creek Bacterial TMDL Project (Project)

Applicant: City of Los Angeles, LA Sanitation and Environment Watershed Protection Division

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I. Order

This Clean Water Act (CWA) section 401 Water Quality Certification action and Order (Order) is issued at the request of the City of Los Angeles, LA Sanitation and Environment Watershed Protection Division (hereinafter Permittee) for the Project. This Order is for the purpose described in the application and supplemental information submitted by the Permittee. The application was received on December 1, 2017. The application was deemed complete on February 8, 2021.

II. Public Notice

The Los Angeles Water Board provided public notice of the application pursuant to California Code of Regulations, title 23, section 3858 from December 13, 2017 to the effective date of the Order. The Los Angeles Water Board did not receive any comments during the comment period.

III. Project Purpose

The purpose of the Project is to allow the Cities of Los Angeles, Beverly Hills, Culver City, Inglewood, and West Hollywood, the County of Los Angeles and Los Angeles County Flood Control District (LACFCD), collectively referred to as the Ballona MS4 Permittees, to construct treatment facilities to attain compliance with the dry weather Bacteria TMDL for the Ballona Creek Watershed. In order to contribute to compliance, the City of Los Angeles will construct three regional projects called LFTF-1, LFTF-2 and Mesmer.

IV. Project Description

Background

Elevated bacterial indicator densities in the Ballona Creek watershed are causing impairment of the beneficial use of water contact recreation (REC-1) as designated in the Basin Plan for the Coastal Watersheds of Los Angles and Ventura Counties (Basin Plan). Recreation in waters with elevated bacterial indicator densities is associated with adverse human health effects and is unsafe for public use.

Per the Basin Plan, the Ballona Creek Estuary is designated as REC-1, which includes activities such as swimming and fishing and, also, non-contact recreation (REC-2). Centinela Creek is tributary to the Ballona Creek Estuary so is designated with the same beneficial uses as Ballona Creek Estuary per the tributary rule. Ballona Creek Reach 2 is designated as REC-2 and limited water contact recreation (LREC-1). Sepulveda Channel is tributary to Ballona Creek Reach 2 so is designated with the same beneficial uses as Ballona Creek Reach 2 per the tributary rule. Ballona Creek Reach 1 is designated REC-2.

Regulatory History

In June 2006, the Los Angeles Water Board adopted an amendment to the Los Angeles Basin Plan that established the Ballona Creek Bacteria Total Maximum Daily Load (Bacteria TMDL). The Bacteria TMDL became effective on May 8, 2008. The Bacteria TMDL was amended in June 2012 and the amendment became effective on July 2, 2014. The requirements of the Bacteria TMDL were also incorporated into the 2012 Municipal Separate Storm Sewer System (MS4) Permit for Los Angeles County (Order No. R4-2012-0175; National Pollutant Discharge Elimination System Permit No. CAS004001). The Permittee was granted a time schedule order (TSO) in 2015 by the Los Angeles Water Board to achieve the final dry weather Bacteria TMDL receiving water limitations and water quality based effluent limitations for Ballona Creek, Ballona Creek Estuary, and Sepulveda Channel. The TSO Order No. R4-2015-0108 was effective from May 14, 2015 to December 15, 2019. On May 9, 2019, the Permittee requested an extension for the TSO. An addendum letter with

further details was provided on August 29, 2019. The Permittee continues to work on implementing the three regional projects, along with continued water quality sampling and reporting.

Project Site
The Project will occur at three locations in the Ballona Creek watershed including Ballona Creek Reach 2, Sepulveda Channel, and Centinela Creek.

- Ballona Creek Reach 2 is a concrete-lined trapezoidal channel with broad sloping sidewalls. The site is primarily non-vegetated and regularly maintained. The width of channel measured from top of bank to top of bank ranges from 191 feet to 210 feet (1.945 acre).

- The Sepulveda Channel is a concrete-lined boxed channel with vertical sidewalls. The site is primarily non-vegetated and regularly maintained. The width of the channel is approximately 40 feet (0.392 acre).

- Centinela Creek is a concrete-lined boxed channel with vertical sidewalls. Presently, a 15 foot-wide by 6-inch-high diversion mound within the channel guides dry-weather flows to a 6-foot-wide low flow channel along the north side of Centinela Creek. The site is primarily non-vegetated and regularly maintained. The width of the channel is approximately 69 feet (0.574 acre).

Project Activities
The Permittee will construct the following three project facilities/sites:

•Low Flow Treatment Facility 1 (LFTF-1) located in Ballona Creek Reach 2
•Low Flow Treatment Facility 2 (LFTF-2) located in Sepulveda Channel
•Mesmer Low Flow Diversion (Mesmer) located in Centinela Creek

Low Flow Treatment Facility 1
The Permittee will repurpose the existing North Outfall Treatment Facility (NOTF) to LFTF-1 located adjacent to Ballona Creek Reach 2 in Culver City. LFTF-1 will treat up to 6 million gallons per day (MGD) of dry weather flow with in-line ultraviolet (UV) or Ozone disinfection technology and release the treated flow back to Ballona Creek. Development of LFTF-1 also includes the installation of a new North Outfall Sewer (NOS) connection that will convey up to 23 MGD of dry weather flow from Ballona Creek to the Hyperion Water Reclamation Plant for treatment, and discharge and/or beneficial reuse.

LFTF-1 includes the construction of two 39-inch-wide saw cut diversion channels, separated by an 18-inch-wide island. The saw cut channels will stretch across the entire width of Ballona Creek and will intercept dry-weather flow, diverting these flows to a transition channel and rock trap to be constructed in the Ballona Creek channel wall. The diversion channels will be covered by grating to retain large debris. Micro-tunneling, a trenchless pipeline installation technique widely used for installing water, sewer, and gas lines, will be used to install a 5-foot diameter reinforced concrete subsurface pipe, which will convey dry-weather flow to the adjacent treatment facility. The 6 MGD of treated flow will be returned to the Ballona Creek channel via an existing pipe and outlet structure.

Temporary construction impacts associated with LFTF-1 include disturbance of approximately 0.82 acres within Ballona Creek Reach 2. The channel will be disturbed to construct the diversion channels, transition channel and rock trap and install the subsurface conveyance pipe. Temporary

impact areas include those needed for temporary diversion of flows, vehicles, cutting equipment, and debris containment. Permanent impacts include the new diversion channels, transition channel, and rock trap footprint in the channel. Approximately 0.02 acres of permanent impacts are included as part of the Project.

Low Flow Treatment Facility 2

The Permittee will construct the LFTF-2 at an existing water quality monitoring facility that is adjacent to Sepulveda Channel in the City of Los Angeles. LFTF-2 will include the development of a small treatment facility that will disinfect up to 1.3 MGD of dry weather flow with UV or ozone disinfection technology and release the treated flow back to Sepulveda Channel.

LFTF-2 includes the construction of one 56-inch-wide saw cut trench extending across the 39.67-foot width of the channel. This trench will be used to construct an intake system with 10-inch headwalls on each side, resulting in a final 3-foot wide and at a minimum 2-foot-deep intake channel. The diversion channel will be covered by grating to retain large debris. Micro-tunneling will be used to install an 18-inch diameter subsurface reinforced concrete pipe, which will convey dry-weather flow to the adjacent pump house and treatment facility.

Temporary construction impacts associated with LFTF-2 include disturbance of approximately 0.22 acres within Sepulveda Channel. The channel will be disturbed to construct the diversion channel and install the subsurface conveyance pipe. Temporary impact areas include those needed for temporary diversion of flows, vehicles, cutting equipment, and debris containment. Permanent impacts include the new diversion from the channel. Approximately 0.006 acres of permanent impacts are included as part of the Project.

Mesmer Low Flow Diversion

The Permittee will repurpose the existing Mesmer pump station located adjacent to Centinela Creek to service dry weather runoff instead of wastewater. As part of this retrofit, the channel invert will be saw cut and a concrete drop inlet will be installed (24-inch by 24-inch) in Centinela Creek to allow for the conveyance of 0.96 MGD of dry weather flow from Centinela Creek to Hyperion Water Reclamation Plant for discharge or beneficial reuse.

The Project will preserve an existing large berm in the Centinela Creek channel that diverts dry-weather runoff to the low flow channel located on the north side of the Centinela Creek channel. The Project will capture these dry-weather flows by construction of a small supplemental berm on the northwest end of the existing berm. The berm will extend 19.23 feet from the channel wall to the top of the existing berm. The supplemental berm will be 6 feet in width, tapering to a point at the top of the existing berm at a height of 7 inches from the base of the channel. At the union of the two berms, an 8-foot x 6-foot jacking pit will be constructed to provide for the installation of 24-inch x 24-inch grate inlet. The project will use the jack-pit to install a 24-inch steel casing with 12-inch Polyvinyl Chloride Pipe (PVC), which will convey dry-weather flow from the grate inlet to the pump station to be installed south of the channel.

Temporary construction impacts associated with the Mesmer Low Flow Diversion include disturbance of approximately 0.47 acres within the Centinela Creek channel and the southern access road adjacent to the channel. The channel will be disturbed to construct the diversion berm, install the diversion pipe via jack and bore, and construct the grate inlet. Permanent impacts include the new supplemental berm, grate inlet/sump, and diversion piping within the channel. Approximately 0.003 acres of permanent impacts are included as part of the Project.

Total Project Impacts and Schedule
In total, the Project will temporarily impact 1.510 acres of concrete lined channel and permanently impact 0.029 acres. Collectively, these three projects (Project) will improve downstream water quality in Ballona Creek, Ballona Creek Estuary, Sepulveda Channel, and Centinela Creek during dry weather, providing compliance with the Bacteria TMDL. Additionally, the diversion of dry weather flow from Centinela and Ballona Creeks to the Hyperion Water Reclamation Plant will provide a new supply of water for potential increases in recycled water production and beneficial use to offset potable water demands. None of the facilities would divert water from Ballona Creek during rain events.

LFTF-1 and LFTF-2 are scheduled to begin construction by March of 2022. Construction is projected to take two years, until March 2024, for completion. The Mesmer Low Flow Diversion is projected to begin construction in early 2022 and be completed by August 2022.

V. Project Location

The Project includes three project sites located within the Ballona Creek Watershed in the City of Los Angeles. LFTF-1 is located in Ballona Creek Reach 2, LFTF-2 is located in Sepulveda Channel, and Mesmer Low Flow Diversion is located in Centinela Creek.

Site	Latitude	Longitude
LFTF-1	34.011241	-118.391688
LFTF-2	33.998405	-118.415743
MESMER	33.987083	-118.401450

Maps showing the Project location are found in Attachment A of this Order.

VI. Project Impact and Receiving Waters Information

The Project is located within the jurisdiction of the Los Angeles Water Board. Receiving waters and groundwater potentially impacted by this Project are protected in accordance with the applicable water quality control plan (Basin Plan) for the region and other plans and policies which may be accessed online at: http://www.waterboards.ca.gov/plans_policies/. The Basin Plan includes water quality standards, which consist of existing and potential beneficial uses of waters of the state, water quality objectives to protect those uses, and the state and federal antidegradation policies.

It is the policy of the State of California that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. This Order promotes that policy by requiring discharges to meet contaminant levels designed to protect human health and ensure that water is safe for domestic use.

Receiving Water:	Ballona Creek Reach 2 (Hydrologic Unit Code: 180701040300)
Designated Beneficial Uses:	MUN*, REC-1**, LREC-1, REC-2, WARM, WILD

*Conditional beneficial use
** The REC-1 use designation does not apply to recreational activities associated with the swimmable goal as expressed in the federal Clean Water Act section 101(a)(2) and regulated under the REC-1 use in the Basin Plan, or the associated bacteriological objectives set to protect those activities. However, water quality objectives set to protect REC-1 uses associated with the fishable goal as expressed in the Federal Clean Water Act section 101(a)(2) remain in effect for this reach.

Receiving Water:	Ballona Creek Estuary (Hydrologic Unit Code: 180701040300)
Designated Beneficial Uses:	NAV, REC-1, REC-2, COMM, EST, MAR, WILD, RARE, MIGR, SPWN, SHELL

VII. Description of Direct Impacts to Waters of the State

Total Project fill/excavation quantities for all impacts are summarized in Table 1. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition only.

Table 1: Total Project Fill/Excavation Quantity

Aquatic Resource Type	Temporary Impact[1]			Permanent Impact					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	CY[2]	LF	Acres	CY	LF	Acres	CY	LF
Stream Channel	1.510		887	0.029		26.5			

VIII. Compensatory Mitigation

No compensatory mitigation was required for permanent impacts because impacts are concrete-to-concrete and the project will result in improvements to water quality in the Ballona Creek watershed.

IX. California Environmental Quality Act (CEQA)

The City of Los Angeles, as lead agency, certified an environmenal impact report (EIR) (State Clearinghouse (SCH) No. 2017021047) for the Project on June 29, 2018, and filed a Notice of Determination (NOD) at the SCH on July 2, 2018. The Los Angeles Water Board is a responsible agency under CEQA (Pub. Resources Code, § 21069) and in making its determinations and

[1] Includes only temporary direct impacts to waters of the state and does not include upland areas of temporary disturbance which could result in a discharge to waters of the state.

[2] Cubic Yards (CY); Linear Feet (LF)

findings, must presume that the City of Los Angeles' adopted environmental document comports with the requirements of CEQA and is valid. (Cal. Code Regs., tit. 14 § 15096(e); Pub. Resources Code, § 21167.2) The Los Angeles Water Board has reviewed and considered the environmental document and finds that the environmental document prepared by the City of Los Angeles adequately addresses the Project's water resource impacts. (Cal. Code Regs., tit. 14, § 15096, subd. (f).)

X. Petitions for Reconsideration

Any person aggrieved by this action may petition the State Water Board to reconsider this Order in accordance with California Code of Regulations, title 23, section 3867. A petition for reconsideration must be submitted in writing and received within 30 calendar days of the issuance of this Order.

XI. Fees Received

The fee amount for the proposed project has been determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3), and was calculated as Fill and Excavation Discharges with the dredge and fill fee calculator.

Table 2: Record of Fees Received

Date Received	Check No.	Amount
December 1, 2017	87773	**$1,895.00**
May 10, 2021	30422	**$26,463.00**
	Total	**$28,358.00**

XII. Conditions

The Los Angeles Water Board has independently reviewed the record of the Project to analyze impacts to water quality and designated beneficial uses within the watershed of the Project. In accordance with this Order, the Permittee may proceed with the Project under the following terms and conditions:

A. Authorization

Impacts to waters of the state shall not exceed quantities shown in Table 1.

B. Reporting and Notification Requirements

Requirements for the content of these reporting and notification types are detailed in Attachment C, including specifications for photo and map documentation during the Project. Written reports and notifications must be submitted using the Reporting and Notification Cover Sheet located in Attachment C, which must be signed by the Permittee or an authorized representative.

1. Project Reporting

a. **Annual Reporting:** The Permittee shall submit an Annual Report each year on the anniversary of Project effective date. Annual Reporting requirements are detailed in Attachment C. Annual reporting shall continue until a Notice of Project Complete Letter is issued to the Permittee.

2. **Project Status Notifications**

   a. **Request for Notice of Completion of Discharges Letter:** The Permittee shall submit a Request for Notice of Completion of Discharges Letter following completion of active Project construction activities, including any required restoration and permittee-responsible mitigation. This request shall be submitted to Los Angeles Water Board staff within thirty (30) days following completion of all Project construction activities. Upon acceptance of the request, Los Angeles Water Board staff shall issue a Notice of Completion of Discharges Letter to the Permittee, which will end the active discharge period and associated annual fees.

   b. **Request for Notice of Project Complete Letter:** The Permittee shall submit a Request for Notice of Project Complete Letter when construction and/or any post-construction monitoring is complete,[3] and no further Project activities will occur. This request shall be submitted to Los Angeles Water Board staff within thirty (30) days following completion of all Project activities. Upon approval of the request, the Los Angeles Water Board staff shall issue a Notice of Project Complete Letter to the Permittee which will end the post discharge monitoring period and associated annual fees.

3. **Conditional Notifications and Reports:** The following notifications and reports are required as appropriate.

   a. **Accidental Discharges of Hazardous Materials**[4]

      Following an accidental discharge of a reportable quantity of a hazardous material, sewage, or an unknown material, the following applies (Wat. Code, § 13271):

      i. As soon as (A) Permittee has knowledge of the discharge or noncompliance, (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures then:
      - first call – 911 (to notify local response agency)
      - then call – Office of Emergency Services (OES) State Warning Center at: (800) 852-7550 or (916) 845-8911
      - Lastly, follow the required OES procedures as set forth in: http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill_Booklet_Feb2014_FINAL_BW_Acc.pdf

      ii. Following notification to OES, the Permittee shall notify the Los Angeles Water Board, as soon as practicable (ideally within 24 hours). Notification may be via telephone, e-mail, or delivered written notice.

[3] Completion of post-construction monitoring shall be determined by Los Angeles Water Board staff and shall be contingent on successful attainment of restoration and mitigation performance criteria.

[4] "Hazardous material" means any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment. "Hazardous materials" include, but are not limited to, hazardous substances, hazardous waste, and any material that a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment. (Health & Saf. Code, § 25501.)

iii. Within five (5) working days of notification to the Los Angeles Water Board, the Permittee must submit an Accidental Discharge of Hazardous Material Report.

b. Violation of Compliance with Water Quality Standards: The Permittee shall notify the Los Angeles Water Board of any event causing a violation of compliance with water quality standards. Notification may be via telephone, e-mail, or delivered written notice.

i. Examples of noncompliance events include: lack of any reporting in a timely manner, lack of storm water treatment following a rain event, discharges causing a visible plume in a water of the state, water contact with uncured concrete, and exceedances of limits for the analytes for *In-Water Work or Diversions* listed below.

ii. This notification must be followed within three (3) working days by submission of a Violation of Compliance with Water Quality Standards Report.

c. In-Water Work or Diversion

i. If stream diversion will be necessary, the Permittee shall submit to Los Angeles Water Board staff a Stream Diversion Plan, with a diagram and a narrative description of the method to divert the stream and associated BMPs for acceptance, at least 30 days in advance of any stream diversion.

ii. During stream diversion, water quality monitoring shall be conducted. Requirements for water quality monitoring are below.

iii. The Permittee shall notify the Los Angeles Water Board at least forty-eight (48) hours prior to initiating work in water or stream diversions. Notification may be via telephone, e-mail, or delivered written notice.

d. Modifications to Project

Project modifications may require an amendment of this Order. The Permittee shall give advance notice to Los Angeles Water Board staff if Project implementation as described in the application materials is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority by submitting a Modifications to Project Report. The Permittee shall inform Los Angeles Water Board staff of any Project modifications that will interfere with the Permittee's compliance with this Order.

e. Transfer of Property Ownership: This Order is not transferable in its entirety or in part to any person or organization except after notice to the Los Angeles Water Board in accordance with the following terms:

i. The Permittee must notify the Los Angeles Water Board of any change in ownership or interest in ownership of the Project area by submitting a Transfer of Property Ownership Report. The Permittee and purchaser must sign and date the notification and provide such notification to the Los Angeles Water Board at least 10 days prior to the transfer of ownership. The purchaser must also submit a written request to the Los Angeles Water Board to be named as the permittee in a revised order.

ii. Until such time as this Order has been modified to name the purchaser as the permittee, the Permittee shall continue to be responsible for all requirements set forth in this Order.

f. Transfer of Long-Term BMP Maintenance: If maintenance responsibility for post-construction BMPs such as debris basins is legally transferred, the Permittee must submit to the Los Angeles Water Board a copy of such documentation and must provide the transferee with a copy of a long-term BMP maintenance plan that complies with manufacturer or designer specifications. The Permittee must provide such notification to the Los Angeles Water Board with a Transfer of Long-Term BMP Maintenance Report at least 10 days prior to the transfer of BMP maintenance responsibility.

C. Water Quality Monitoring

1. **General:** If surface water is present, continuous visual surface water monitoring shall be conducted to detect accidental discharge of construction related pollutants (e.g. oil and grease, turbidity plume, or uncured concrete).

2. **Accidental Discharges/Noncompliance:** Upon occurrence of an accidental discharge of hazardous materials or a violation of compliance with a water quality standard, Los Angeles Water Board staff may require water quality monitoring based on the discharge constituents and/or related water quality objectives and beneficial uses.

3. **In-Water Work or Diversions:**

   During planned work in water any discharge(s) to waters of the state shall conform to the following water quality standards:

   a. Oil and Grease. Waters shall not contain oils, greases, waxes or other materials in concentrations that result in a visible film or coating on the surface of the water or on objects in the water, that cause nuisance, or that otherwise adversely affect beneficial uses.

   b. Dissolved Oxygen. At a minimum, the mean annual dissolved oxygen concentration of all waters shall be greater than 7 mg/L, and no single determination shall be less than 5.0 mg/L, except when natural conditions cause lesser concentrations.

   The dissolved oxygen content of all surface waters designated as WARM shall not be depressed below 5 mg/L as a result of waste discharges.

   c. pH. The pH of inland surface waters shall not be depressed below 6.5 or raised above 8.5 as a result of waste discharges. Ambient pH levels shall not be changed more than 0.5 units from natural conditions as a result of waste discharge.

   The pH of bays or estuaries shall not be depressed below 6.5 or raised above 8.5 as a result of waste discharges. Ambient pH levels shall not be changed more than 0.2 units from natural conditions as a result of waste discharge

d. Turbidity. Downstream TSS shall be maintained at ambient levels. Where natural turbidity is between 0 and 50 Nephelometric Turbidity Units (NTU), increases shall not exceed 20%. Where natural turbidity is greater than 50 NTU, increases shall not exceed 10%.

Sampling shall be conducted in accordance with Table 3 sampling parameters.[5]

Table 3: Sample Type and Frequency Requirements

Parameter	Unit of Measurement	Type of Sample	Minimum Frequency
Oil and Grease	N/A	Visual	Continuous
Dissolved Oxygen	mg/L & % saturation	Grab	Daily for the first week, weekly, thereafter
pH	Standard Units	Grab	Daily for the first week, weekly, thereafter
Turbidity	NTU	Grab	Daily for the first week, weekly, thereafter
Temperature	°F (or as °C)	Grab	Daily for the first week, weekly, thereafter

Baseline sampling shall be conducted at a minimum of one location within the project boundary for each phase. All other sampling shall take place at a minimum of two locations. In streams or flowing water, the sample locations shall be upstream and downstream of the Project. Results of the analyses shall be submitted to this Regional Board by the 15th day of each subsequent sampling month. A map or drawing indicating the locations of sampling points shall be included with each submittal. A summary of results shall discuss the analysis. Every measurement not meeting the compliance limits shall be accompanied by an explanation, the actions taken to correct the degradation to waters, and addressed in *Violation of Compliance with Water Quality Standards* report described above.

D. Standard

1. This Order is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Water Code section 13330, and California Code of Regulations, title 23, chapter 28, Article 6 commencing with sections 3867-3869, inclusive. Additionally, the Los Angeles Water Board reserves the right to suspend, cancel, or modify and reissue this Order, after providing notice to the Permittee, if the Los Angeles Water Board determines that: the Project fails to comply with any of the conditions of this Order; or, when necessary to implement any new or revised water quality standards and implementation plans adopted or approved pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.) or federal Clean Water Act section 303 (33 U.S.C. § 1313). For purposes of

[5] Pollutants shall be analyzed using the analytical methods described in 40 Code of Federal Regulations Part 136; where no methods are specified for a given pollutant, the method shall be approved by Los Angeles Water Board staff. Grab samples shall be taken between the surface and mid-depth and not be collected at the same time each day to get a complete representation of variations in the receiving water. A hand-held field meter may be used, provided the meter utilizes a U.S. EPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions. A calibration and maintenance log for each meter used for monitoring shall be maintained onsite.

Clean Water Act section 401(d), the condition constitutes a limitation necessary to assure compliance with water quality standards and appropriate requirements of state law.

2. This Order is not intended and shall not be construed to apply to any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license, unless the pertinent certification application was filed pursuant to subsection 3855(b) of chapter 28, title 23 of the California Code of Regulations, and that application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

3. This Order is conditioned upon total payment of any fee required under title 23 of the California Code of Regulations and owed by the Permittee.

4. In the event of any violation or threatened violation of the conditions of this Order, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under state and federal law. For purposes of Clean Water Act, section 401(d), the applicability of any state law authorizing remedies, penalties, processes, or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Order.

E. General Compliance

1. Failure to comply with any condition of this Order shall constitute a violation of the Porter-Cologne Water Quality Control Act and the Clean Water Act. The Permittee and/or discharger may then be subject to administrative and/or civil liability pursuant to Water Code section 13385.

2. Permitted actions must not cause a violation of any applicable water quality standards, including impairment of designated beneficial uses for receiving waters as adopted in the Basin Plans by any applicable Los Angeles Water Board or any applicable State Water Board (collectively Water Boards) water quality control plan or policy. The source of any such discharge must be eliminated as soon as practicable.

3. In response to a suspected violation of any condition of this Order, the Los Angeles Water Board may require the holder of this Order to furnish, under penalty of perjury, any technical or monitoring reports the Water Boards deem appropriate, provided that the burden, including costs, of the reports shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. The additional monitoring requirements ensure that permitted discharges and activities comport with any applicable effluent limitations, water quality standards, and/or other appropriate requirement of state law.

4. The Permittee must, at all times, fully comply with engineering plans, specifications, and technical reports submitted to support this Order; and all subsequent submittals required as part of this Order. The conditions within this Order and Attachments supersede conflicting provisions within Permittee submittals.

5. This Order and all of its conditions contained herein continue to have full force and effect regardless of the expiration or revocation of any federal license or permit issued for the Project. For purposes of Clean Water Act, section 401(d), this condition constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements of state law.

6. **Construction General Permit Requirement:** If enrolled, the Permittee shall maintain compliance with conditions described in, and required by, NPDES General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2009-009-DWQ and NPDES No. CAS 000002 as amended by Order No. 2010-0014-DWQ, Order No. 2012-0006-DWQ, and any amendments thereto) (General Construction Permit).

F. Administrative

1. Signatory requirements for all document submittals required by this Order are presented in Attachment B of this Order.

2. This Order does not authorize any act which results in the taking of a threatened, endangered or candidate species or any act, which is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish & G. Code, §§ 2050-2097) or the federal Endangered Species Act (16 U.S.C. §§ 1531-1544). If a "take" will result from any act authorized under this Order held by the Permittee, the Permittee must obtain authorization for the take prior to any construction or operation of the portion of the Project that may result in a take. The Permittee is responsible for meeting all requirements of the applicable endangered species act for the Project authorized under this Order.

3. The Permittee shall grant Los Angeles Water Board staff, or an authorized representative (including an authorized contractor acting as a Water Board representative), upon presentation of credentials and other documents as may be required by law, permission to:

   a. Enter upon the Project or compensatory mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records are kept.

   b. Have access to and copy any records that are kept and are relevant to the Project or the requirements of this Order.

   c. Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order.

   d. Sample or monitor for the purposes of assuring Order compliance.

4. A copy of this Order shall be provided to any consultants, contractors, and subcontractors working on the Project. Copies of this Order shall remain at the Project site for the duration of this Order. The Permittee shall be responsible for work conducted by its consultants, contractors, and any subcontractors.

5. A copy of this Order must be available at the Project site(s) during construction for review by site personnel and agencies. All personnel performing work on the Project shall be familiar with the content of this Order and its posted location at the Project site.

6. Lake and Streambed Alteration Agreement – The Permittee shall submit a signed copy of the Department of Fish and Wildlife's lake and streambed alteration agreement to the Los Angeles Water Board immediately upon execution and prior to any discharge to waters of the state.

7. This Order shall expire **five (5) years** from date of this Order. The Applicant shall submit a complete application at least 90 days prior to termination of this Order if renewal is requested.

G. Best Management Practices

1. Site Management

a. The Permittee shall restrict activities within the creeks to periods of low rainfall (less than ¼ inch per 24-hour period) and periods of dry weather (with less than a 40 percent chance of rain). All erosion control measures shall be initiated prior to all storm events. The Permittee shall monitor the National Weather Service (NWS) 72-hr forecast for the project area.

b. Any equipment or vehicles driven and/or operated within or adjacent to the creeks shall be checked and maintained daily to prevent leaks of materials that could be deleterious to aquatic and terrestrial life or riparian habitat. All refueling and maintenance of equipment and vehicles shall be at least 150 feet from any aquatic habitat, wetland area, water body, or ephemeral drainages. Stationary equipment such as motors, pumps, generators, and welders, located within or adjacent to the creek shall be positioned over drip pans. Stationary heavy equipment shall have suitable containment to handle a catastrophic spill/leak. Clean up equipment such as extra boom, absorbent pads, skimmers, shall be on site prior to the start of project related activities.

c. Any materials placed in seasonally dry portions of the creeks that could be washed downstream or could be deleterious to aquatic life shall be removed prior to inundation by high flows.

d. The Permittee shall install and use fully covered trash receptacles with secure lids (wildlife proof) that contain all food, food scrapes, food wrappers, beverage containers and other miscellaneous trash generated by work force personnel. Following construction, all trash and construction debris shall be removed from the project site.

e. The Permittee shall comply with all litter and pollution laws. All contractors, subcontractors and employees shall also obey these laws and it shall be the responsibility of the Permittee to ensure compliance. This includes proper disposal of all spoils, concrete and other potentially hazardous material in compliance with existing laws and regulations.

f. The Permittee will further specify construction BMPs from the 2010 LA County BMP Manual while finalizing contract conditions with the selected contractor.

2. Hazardous Materials

a. No debris, soil, silt, sand, bark, slash, sawdust, rubbish, construction waste, cement or concrete or washings thereof, asphalt, paint, oil or other petroleum products or any other substances which could be hazardous to aquatic life, or other organic or earthen material from any logging, construction, or other associated Project-related activity shall be allowed to contaminate the soil and/or enter into or placed where it may be washed by rainfall or runoff into the creeks. Any of these materials, placed within or where they may enter the creeks, by the Permittee or any party working under contract, or with the permission of the Permittee, shall be removed immediately. When Project-related

activities are completed, any excess materials or debris shall be removed from the work area.

b. The clean-up of all spills shall begin immediately. The Los Angeles Water Board shall be notified immediately by the Permittee of any spills that release hazardous material (oil, cement, fuel, etc.) into the creeks and the Los Angeles Water Board shall be consulted regarding clean-up procedures.

3. Sediment Control

a. The Permittee shall take the necessary steps to contain sediment and reduce stream turbidity. Sediment from project-related activities shall not be placed in seasonally dry portions of the creeks where it might likely be washed into the creeks or inundated by high flows. Where appropriate (if needed), preparation shall be made so that runoff from steep, erodible surfaces will be diverted into stable areas with little erosion potential.

b. Silty/turbid water from dewatering or other activities shall not be discharged into the creeks. Permittee shall take precautions to minimize turbidity/siltation during construction and post-construction periods. Precautions shall include but are not limited to: preconstruction planning to identify site-specific turbidity and siltation minimization measures and best management practices; and settling, filtering, or otherwise treating silty and turbid water prior to discharge into a stream or storm drain.

c. No castings or spoil from the excavation operations shall be placed on the creek (flow) side of the Project site. Spoil storage sites shall not be located within a stream, where spoils can be washed back into a stream, or where it will cover aquatic or riparian vegetation

4. Stormwater

a. The project shall comply with the local regulations associated with the Los Angeles Water Board's Municipal Stormwater Permit issued to Los Angeles County and co-permittees under NPDES No. CAS004001 and Waste Discharge Requirements Order No. R4-2012-0175 or subsequent order.

b. If not enrolled in the General Construction Permit, the Permittee shall develop and implement a site-specific Storm Water Pollution Prevention Plan (SWPPP) and a Rain Event Action Plan (REAP) as described in the General Construction Permit.

H. On-site Mitigation for Temporary Impacts

1. The Permittee shall restore all areas of temporary impacts to waters of the state.

Table 4: Required Project Mitigation Quantity for Temporary Impacts								
Aquatic Resource Type	Mit. Type[6]	Units	Method[7]					
			Est.	Re-est.	Reh.	Enh.	Pres.	Unknown
Stream Channel	PR	Acres			1.510			

XIII. Water Quality Certification

I hereby issue the Order for the Ballona Creek Bacterial TMDL Project, 4WQC40117153 certifying that as long as all of the conditions listed in this Order are met, any discharge from the referenced Project will comply with the applicable provisions of Clean Water Act sections 301 (Effluent Limitations), 302 (Water Quality Related Effluent Limitations), 303 (Water Quality Standards and Implementation Plans), 306 (National Standards of Performance), and 307 (Toxic and Pretreatment Effluent Standards).

This discharge is also regulated pursuant to State Water Board Water Quality Order No. 2003-0017-DWQ which authorizes this Order to serve as Waste Discharge Requirements pursuant to the Porter-Cologne Water Quality Control Act (Wat. Code, § 13000 et seq.).

Except insofar as may be modified by any preceding conditions, all Order actions are contingent on: (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the conditions of this Order and the attachments to this Order; and, (b) compliance with all applicable requirements of Statewide Water Quality Control Plans and Policies, the Regional Water Boards' Water Quality Control Plans and Policies.

R Purdy

Digitally signed by R Purdy
Date: 2021.08.17 08:52:51 -07'00'

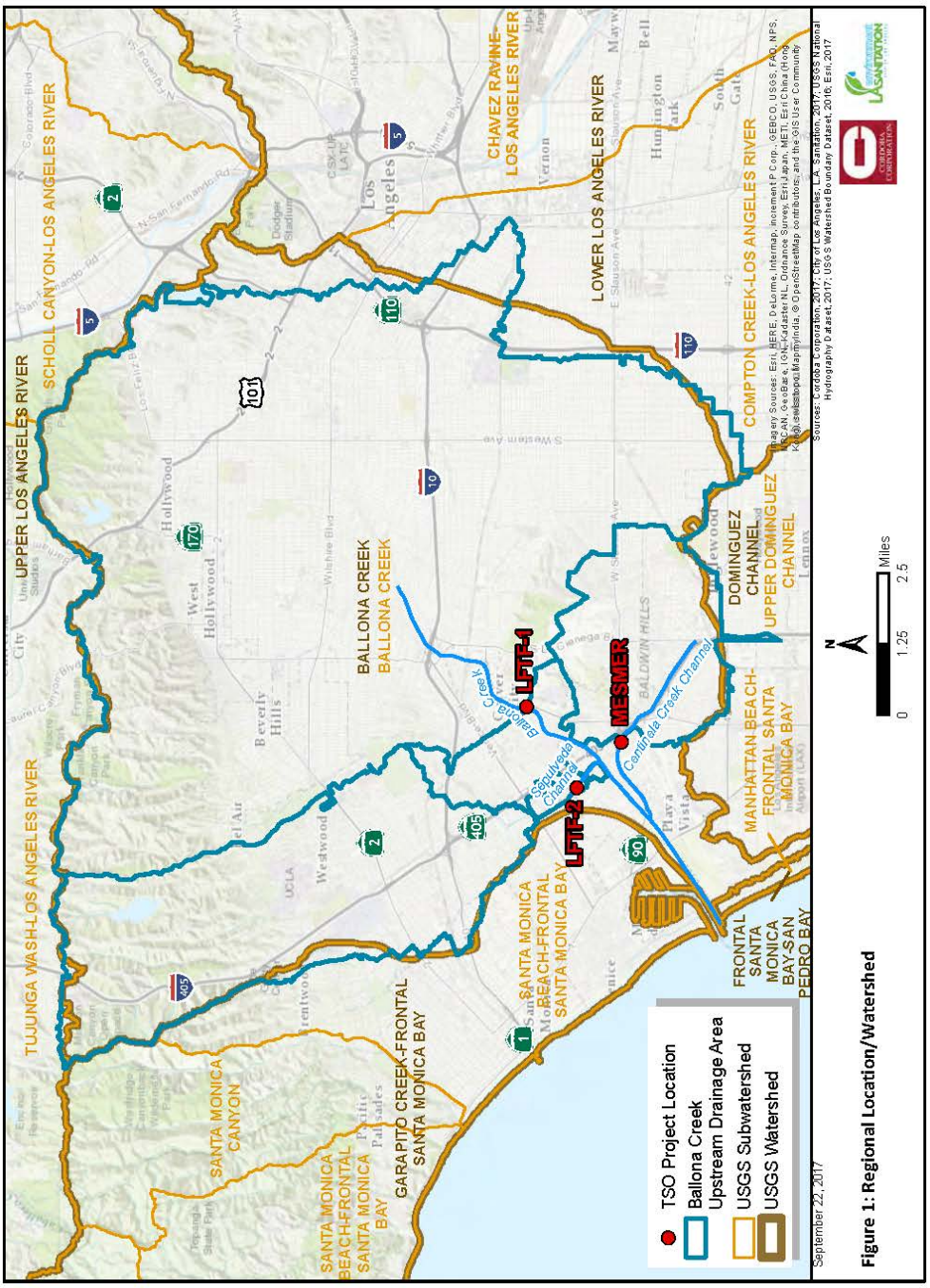
August 17, 2021

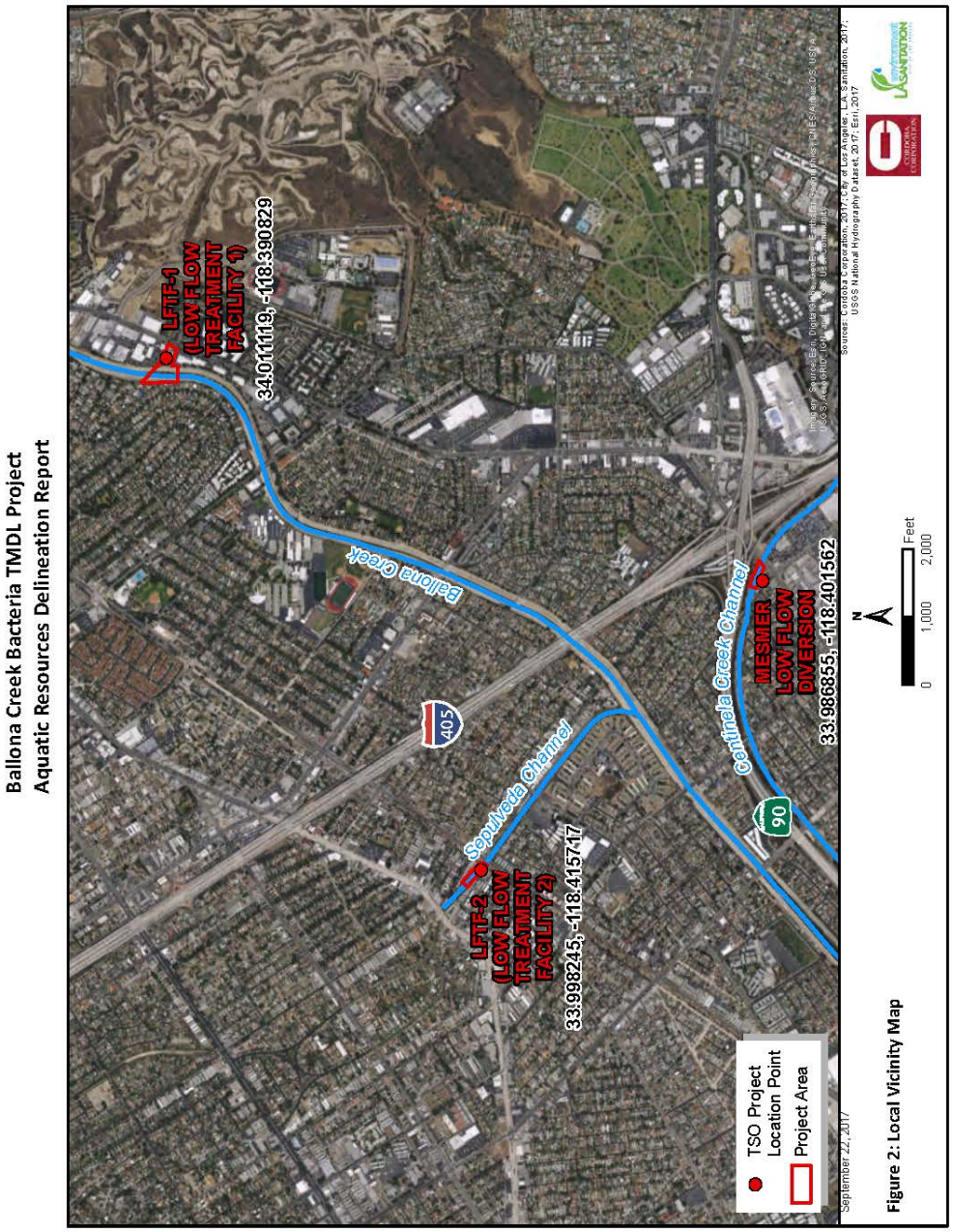
Renee Purdy
Executive Officer
Los Angeles Water Quality Control Board

Date

[6] Mitigation type for onsite restoration of temporary impacts is Permittee Responsible (PR).

[7] Methods: establishment (Est.), reestablishment (Re-est.), rehabilitation (Reh.), enhancement (Enh.), preservation (Pres.). Unknown applies to advance credits with an unknown method and or location.


Ballona Creek Bacteria TMDL Project
Aquatic Resources Delineation Report
TUJUNGA WASH-LOS ANGELES RIVER
UPPER LOS ANGELES RIVER
SCHOLL CANYON-LOS ANGELES RIVER
CHAVEZ RAVINE-LOS ANGELES RIVER
LOWER LOS ANGELES RIVER
COMPTON CREEK-LOS ANGELES RIVER
BALLONA CREEK
BALLONA CREEK
DOMINGUEZ CHANNEL
UPPER DOMINGUEZ CHANNEL
SANTA MONICA CANYON
SANTA MONICA BEACH-FRONTAL SANTA MONICA BAY
GARAPITO CREEK-FRONTAL SANTA MONICA BAY
SANTA MONICA BEACH-FRONTAL SANTA MONICA BAY
MANHATTAN BEACH-FRONTAL SANTA MONICA BAY
FRONTAL SANTA MONICA BAY-SAN PEDRO BAY
LFTF-1
LFTF-2
MESMER
Ballona Creek
Centinela Creek Channel
Sepulveda Channel
TSO Project Location
Ballona Creek Upstream Drainage Area
USGS Subwatershed
USGS Watershed
N
Miles
0
1.25
2.5
September 22, 2017
Figure 1: Regional Location/Watershed


Ballona Creek Bacteria TMDL Project
Aquatic Resources Delineation Report
LFTF-1 (LOW FLOW TREATMENT FACILITY 1)
34.011119, -118.390829
Ballona Creek
405
Sepulveda Channel
LFTF-2 (LOW FLOW TREATMENT FACILITY 2)
33.998245, -118.415717
Centinela Creek Channel
MESMER LOW FLOW DIVERSION
33.986855, -118.401562
90
TSO Project Location Point
Project Area
N
0
1,000
2,000
Feet
September 22, 2017
Figure 2: Local Vicinity Map

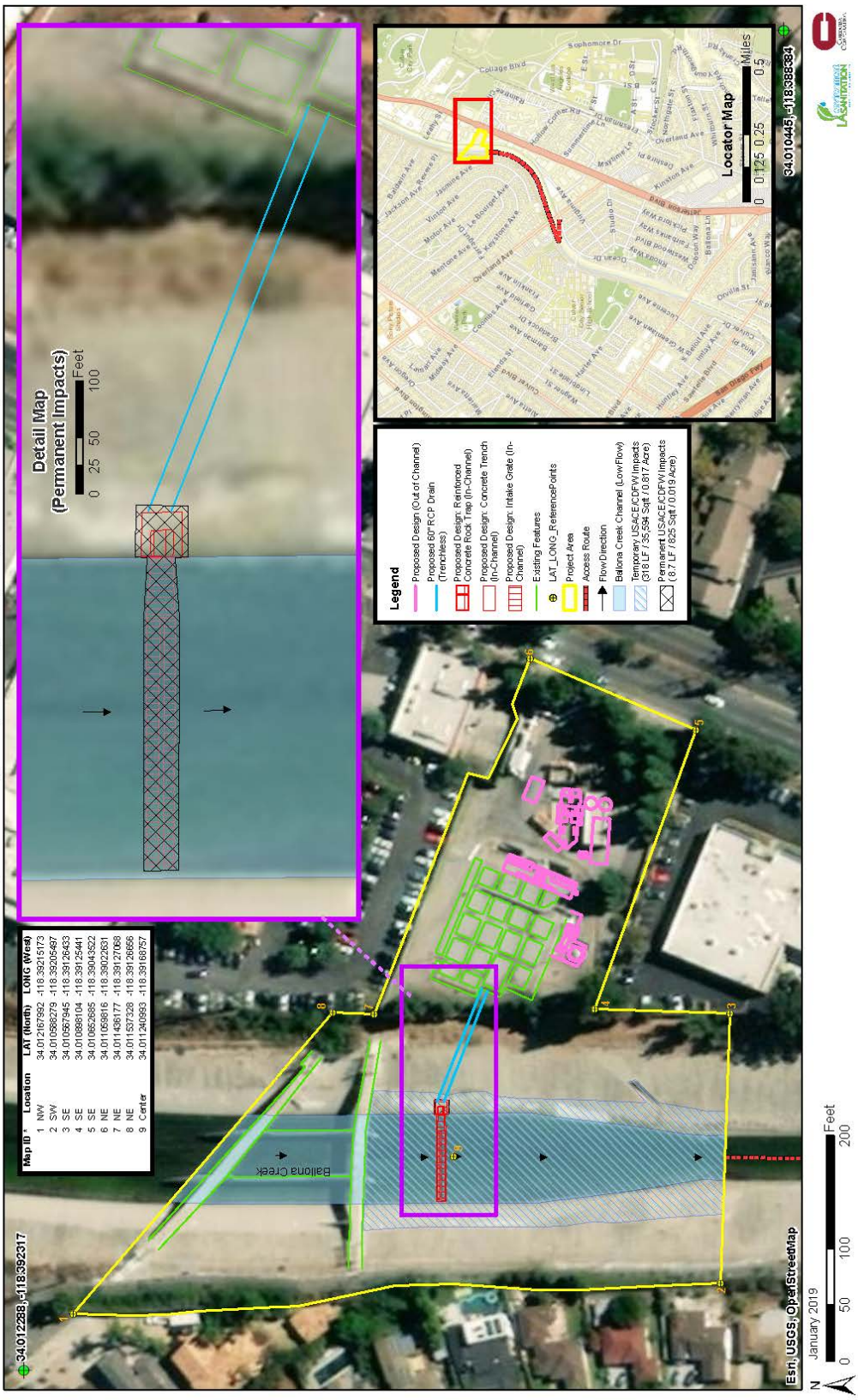
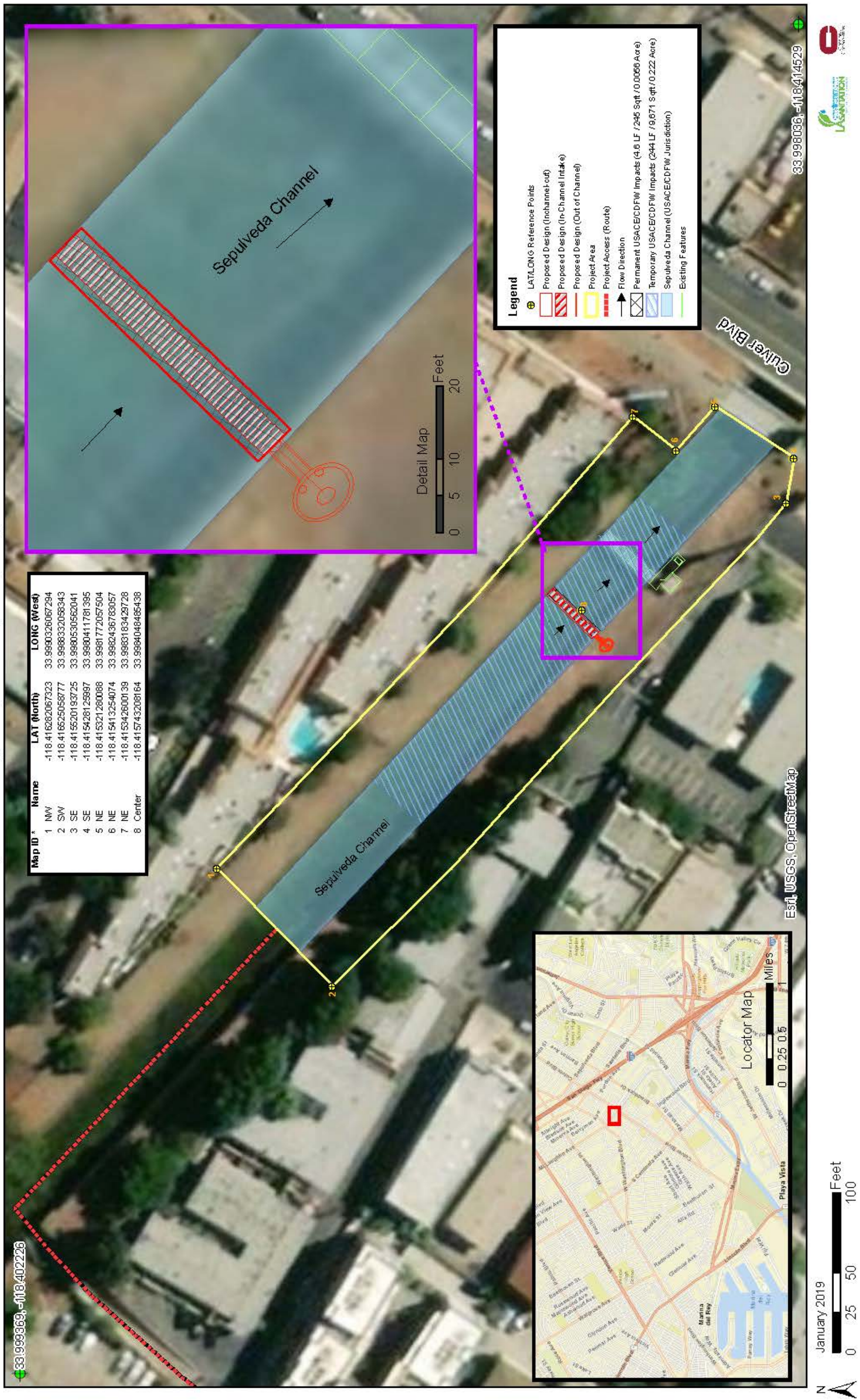


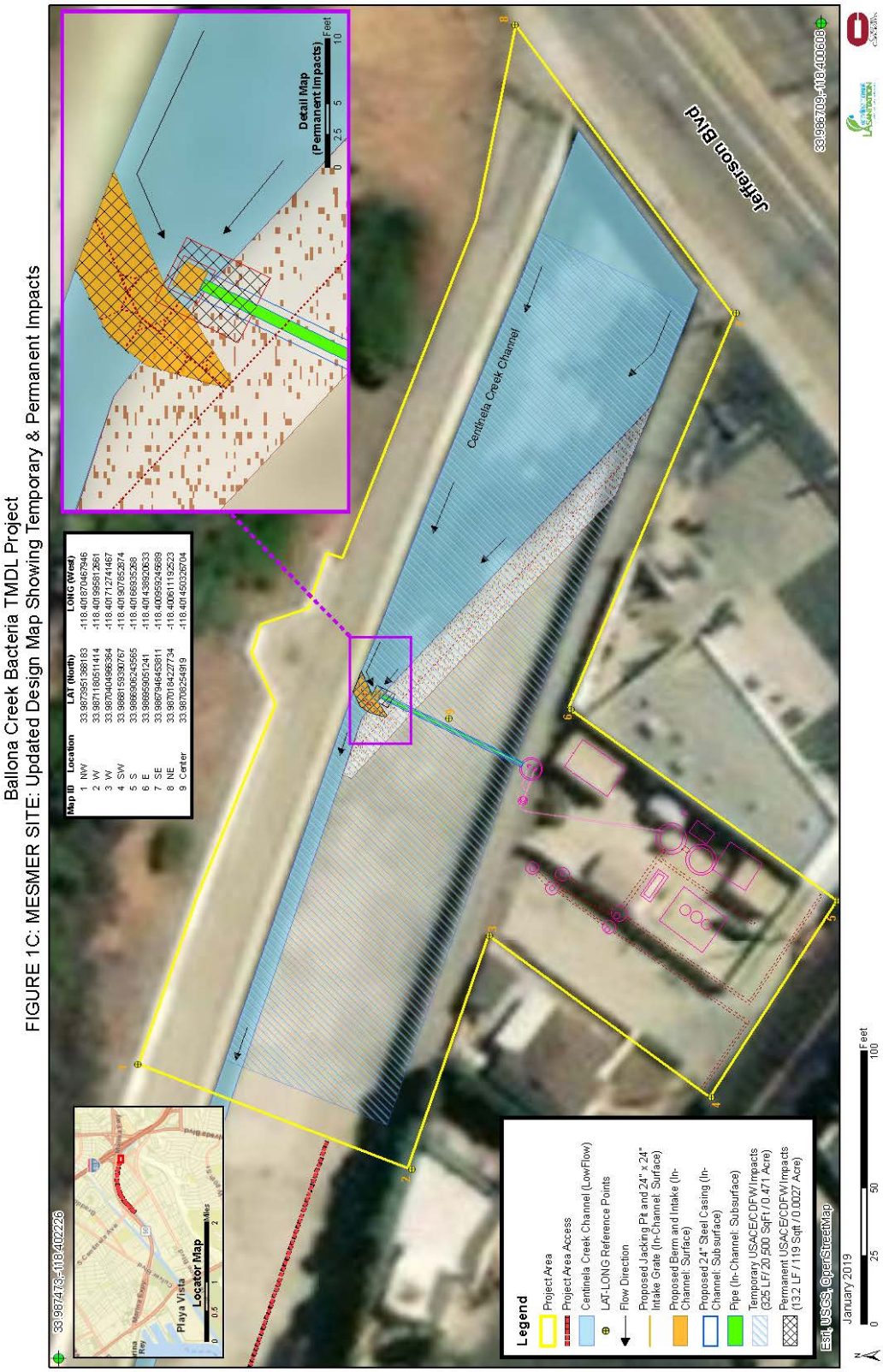
FIGURE 1A: LFTF-1 Updated Design Map Showing Temporary & Permanent Impacts
Ballona Creek Bacteria TMDL Project

Ballona Creek Bacteria TMDL Project

FIGURE 1B: LFTF-2 SITE: Updated Design Map Showing Temporary & Permanent Impacts



Map ID *	Name	LAT (North)	LONG (West)
1	NW	-118.416282067323	33.9990326067294
2	SW	-118.416525058777	33.9988332058343
3	SE	-118.415520193725	33.9980530562041
4	SE	-118.415428125997	33.9980411781395
5	NE	-118.415321280088	33.9981772057504
6	NE	-118.415413254074	33.9982436783057
7	NE	-118.415342600139	33.9983183429728
8	Center	-118.415743208164	33.9984048485438


Ballona Creek Bacteria TMDL Project
FIGURE 1C: MESMER SITE: Updated Design Map Showing Temporary & Permanent Impacts
Detail Map (Permanent Impacts)
Jefferson Blvd
Centinela Creek Channel
Legend
Project Area
Project Area Access
Centinela Creek Channel (LowFlow)
LAT-LONG Reference Points
Flow Direction
Proposed Jacking Pit and 24" x 24" Intake Grate (In-Channel: Surface)
Proposed Berm and Intake (In-Channel: Surface)
Proposed 24" Steel Casing (In-Channel: Subsurface)
Pipe (In-Channel: Subsurface)
Temporary USACE/CDFW Impacts (325 LF/ 20,500 SqFt / 0.471 Acre)
Permanent USACE/CDFW Impacts (13.2 LF / 119 SqFt / 0.0027 Acre)
Esri, USGS, OpenStreetMap
January 2019
Locator Map
Playa Vista
Feet
Miles

SIGNATORY REQUIREMENTS

All Documents Submitted In Compliance With This Order Shall Meet The Following Signatory Requirements:

1. All applications, reports, or information submitted to the Los Angeles Water Quality Control Board (Los Angeles Water Board) must be signed and certified as follows:

   a) For a corporation, by a responsible corporate officer of at least the level of vice-president.
   b) For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
   c) For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.

2. A duly authorized representative of a person designated in items 1.a through 1.c above may sign documents if:

   a) The authorization is made in writing by a person described in items 1.a through 1.c above.
   b) The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.
   c) The written authorization is submitted to the Los Angeles Water Board Staff Contact prior to submitting any documents listed in item 1 above.

3. Any person signing a document under this section shall make the following certification:

   "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Copies of this Form

Include a copy of the Project specific Cover Sheet below with your report: please retain a copy for your records.

Report Submittal Instructions

1. Check the box on the Report and Notification Cover Sheet next to the report or notification you are submitting.
   - **Part A (Annual Report):** This report will be submitted annually from the anniversary of Project effective date until a Notice of Project Complete Letter is issued.
   - **Part B (Project Status Notifications):** Used to notify the Los Angeles Water Board of the status of the Project schedule that may affect Project billing.
   - **Part C (Conditional Notifications and Reports):** Required on a case by case basis for accidental discharges of hazardous materials, violation of compliance with water quality standards, notification of in-water work, or other reports.
2. Sign the Report and Notification Cover Sheet and attach all information requested for the Report Type.
3. **Electronic Report Submittal Instructions:**
   - Submit signed Report and Notification Cover Sheet and required information via email to: RB4-401Certification@Waterboards.ca.gov
   - Include in the subject line of the email: Subject: ATTN: Valerie CarrilloZara; File No: 17-153, Reg. Measure ID: 418024 Report

Definition of Reporting Terms

1. **Active Discharge Period:** The active discharge period begins with the effective date of this Order and ends on the date that the Permittee receives a Notice of Completion of Discharges Letter or, if no post-construction monitoring is required, a Notice of Project Complete Letter. The Active Discharge Period includes all elements of the Project including site construction and restoration, and any Permittee responsible compensatory mitigation construction.
2. **Request for Notice of Completion of Discharges Letter:** This request by the Permittee to the Los Angeles Water Board staff pertains to projects that have post construction monitoring requirements, e.g. if site restoration was required to be monitored for 5 years following construction. Los Angeles Water Board staff will review the request and send a Completion of Discharges Letter to the Permittee upon approval. This letter will initiate the post-discharge monitoring period and a change in fees from the annual active discharge fee to the annual post-discharge monitoring fee.

3. **Request for Notice of Project Complete Letter:** This request by the Permittee to the Los Angeles Water Board staff pertains to projects that either have completed post-construction monitoring and achieved performance standards or have no post-construction monitoring requirements, and no further Project activities are planned. Los Angeles Water Board staff will review the request and send a Project Complete Letter to the Permittee upon approval. Termination of annual invoicing of fees will correspond with the date of this letter.
4. **Post-Discharge Monitoring Period:** The post-discharge monitoring period begins on the date of the Notice of Completion of Discharges Letter and ends on the date of the Notice of Project Complete Letter issued by the Los Angeles Water Board staff. The Post-Discharge Monitoring Period includes continued water quality monitoring or compensatory mitigation monitoring.
5. **Effective Date:** Date of Order issuance.

Map/Photo Documentation Information

When submitting maps or photos, please use the following formats.

1. **Map Format Information:**
   Preferred map formats of at least 1:24000 (1" = 2000') detail (listed in order of preference):
   - **GIS shapefiles**: The shapefiles must depict the boundaries of all project areas and extent of aquatic resources impacted. Each shape should be attributed with the extent/type of aquatic resources impacted. Features and boundaries should be accurate to within 33 feet (10 meters). Identify datum/projection used and if possible, provide map with a North American Datum of 1983 (NAD38) in the California Teale Albers projection in feet.
   - **Google KML files** saved from Google Maps: My Maps or Google Earth Pro. Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. Include URL(s) of maps. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
   - **Other electronic format** (CAD or illustration format) that provides a context for location (inclusion of landmarks, known structures, geographic coordinates, or USGS DRG or DOQQ). Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
   - Aquatic resource maps marked on paper **USGS 7.5 minute topographic maps** or **Digital Orthophoto Quarter Quads (DOQQ)** printouts. Maps must show the boundaries of all project areas and extent/type of aquatic resources impacted. If this format is used include a spreadsheet with the object ID and attributed with the extent/type of aquatic resources impacted.
2. **Photo-Documentation:** Include a unique identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions.

REPORT AND NOTIFICATION COVER SHEET

Project:	Ballona Creek Bacterial TMDL Project				
Permittee:	Los Angeles, LA Sanitation and Environment Watershed Protection District				
Reg. Meas. ID:	418024	**Place ID:**	842799	**File No:**	17-153

Report Type Submitted

Part A – Project Reporting	
Report Type	☐ **Annual Report**
Part B - Project Status Notifications	
Report Type	☐ **Commencement of Construction**
Report Type	☐ **Request for Notice of Completion of Discharges Letter**
Report Type	☐ **Request for Notice of Project Complete Letter**
Part C - Conditional Notifications and Reports	
Report Type	☐ **Accidental Discharge of Hazardous Material Report**
Report Type	☐ **Violation of Compliance with Water Quality Standards Report**
Report Type	☐ **In-Water Work/Diversions Water Quality Monitoring Report**
Report Type	☐ **Modifications to Project Report**
Report Type	☐ **Transfer of Property Ownership Report**

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

Print Name [1]	**Affiliation and Job Title**
Signature	**Date**

[1]STATEMENT OF AUTHORIZATION (include if authorization has changed since application was submitted)

I hereby authorize _____ to act in my behalf as my representative in the submittal of this report, and to furnish upon request, supplemental information in support of this submittal.

Permittee's Signature

Date

***This Report and Notification Cover Sheet must be signed by the Permittee or a duly authorized representative and included with all written submittals.**

Part A – Project Reporting

Report Type	**Annual Report**
Report Purpose	Notify the Los Angeles Water Board staff of Project status during both the active discharge and post-discharge monitoring periods.
When to Submit	Annual reports shall be submitted each year on the anniversary of Project effective date. Annual reports shall continue until a Notice of Project Complete Letter is issued to the Permittee.
Report Contents	The contents of the annual report shall include the topics indicated below for each project period. Report contents are outlined in Annual Report Topics below. **<u>During the Active Discharge Period</u>** • **Topic 1: Construction Summary** • **Topic 2: Mitigation for Temporary Impacts Status** • **Topic 3: Compensatory Mitigation for Permanent Impacts Status** **<u>During the Post-Discharge Monitoring Period</u>** • **Topic 2: Mitigation for Temporary Impacts Status** • **Topic 3: Compensatory Mitigation for Permanent Impacts Status**
Annual Report Topics (1-3)	
Annual Report Topic 1	**Construction Summary**
When to Submit	With the annual report during the Active Discharge Period.
Report Contents	**1.** Project progress and schedule including initial ground disturbance, site clearing and grubbing, road construction, site construction, and the implementation status of construction storm water best management practices (BMPs). If construction has not started, provide estimated start date and reasons for delay. **2.** Color photos, pre-project and current. **3.** Map showing general Project progress. **4.** If applicable: **a.** Summary of any conditional reports sent during the year such as "Accidental Discharge of Hazardous Material Report" or "Accidental Discharge of Hazardous Material Report" **b.** Copies of revised permits from other agencies **c.** Compilation of all water quality monitoring results for the year in a spreadsheet format.
Annual Report Topic 2	**Mitigation for Temporary Impacts Status**
When to Submit	With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.

Report Contents	***If not applicable report N/A.** **1.** Planned date of initiation and map showing locations of mitigation for temporary impacts to waters of the state and all upland areas of temporary disturbance which could result in a discharge to waters of the state**.** **2.** If mitigation for temporary impacts has already commenced, provide a map and information concerning attainment of mitigation success.
Annual Report Topic 3	**Compensatory Mitigation for Permanent Impacts Status**
When to Submit	With the annual report during both the Active Discharge Period and Post-Discharge Monitoring Period.
Report Contents	***If not applicable report N/A.** **Part A. Permittee Responsible** **1.** Planned date of initiation of compensatory mitigation site installation**.** **2.** If installation is in progress, a map of what has been completed to date. **3.** If the compensatory mitigation site has been installed, provide a final map and information concerning attainment of performance standards contained in the compensatory mitigation plan. **Part B. Mitigation Bank or In-Lieu Fee** **1.** Status or proof of purchase of credit types and quantities. **2.** Include the name of bank/ILF Program and contact information. **3.** If ILF, location of project and type if known.

Part B – Project Status Notifications

Report Type	**Commencement of Construction**
Report Purpose	Notify Los Angeles Water Board staff prior to the start of construction.
When to Submit	Must be received at least seven (7) days prior to start of initial ground disturbance activities.
Report Contents	**1.** Date of commencement of construction. **2.** Anticipated date when discharges to waters of the state will occur. **3.** Project schedule milestones including a schedule for onsite compensatory mitigation, if applicable.

Report Type	**Request for Notice of Completion of Discharges Letter**
Report Purpose	Notify Los Angeles Water Board staff that post-construction monitoring is required and that active Project construction, including any mitigation and permittee responsible compensatory mitigation, is complete.
When to Submit	Must be received by Los Angeles Water Board staff within thirty (30) days following completion of all Project construction activities.
Report Contents	**1.** Pre- and post-photo documentation of all Project activity sites where the discharge of dredge and/or fill/excavation was authorized.

	2. An updated monitoring schedule for mitigation for temporary impacts to waters of the state and permittee responsible compensatory mitigation during the post-discharge monitoring period, if applicable.

Report Type	**Request for Notice of Project Complete Letter**
Report Purpose	Notify Los Angeles Water Board staff that construction and/or any post-construction monitoring is complete, or is not required, and no further Project activity is planned.
When to Submit	Must be received by Los Angeles Water Board staff within thirty (30) days following completion of all Project activities.
Report Contents	**Part A: Mitigation for Temporary Impacts** **1.** A report establishing that areas of temporary impacts to waters of the state, and upland areas of temporary disturbance which could result in a discharge to waters of the state, have been successfully restored and all identified success criteria have been met. Pre- and post-photo documentation of all restoration sites. **Part B: Permittee Responsible Compensatory Mitigation** **2.** A report establishing that the performance standards outlined in the compensatory mitigation plan have been met. **3.** Status on the implementation of the long-term maintenance and management plan and funding of endowment. **4.** Pre- and post-photo documentation of all compensatory mitigation sites. **5.** Final maps of all compensatory mitigation areas (including buffers). **Part C: Post-Construction Storm Water BMPs** **6.** Date of storm water permit Notice of Termination(s), if applicable. **7.** Report status and functionality of all post-construction BMPs.

Part C – Conditional Notifications and Reports

Report Type	**Accidental Discharge of Hazardous Material Report**
Report Purpose	Notifies Los Angeles Water Board staff that an accidental discharge of hazardous material has occurred.
When to Submit	Within five (5) working days following the date of an accidental discharge. Continue reporting as required by Los Angeles Water Board staff.
Report Contents	**1.** The report shall include the OES Incident/Assessment Form, a full description and map of the accidental discharge incident (i.e. location, time and date, source, discharge constituent and quantity, aerial extent, and photo documentation). If applicable, the OES Written Follow-Up Report may be substituted. **2.** If applicable, any required sampling data, a full description of the sampling methods including frequency/dates and times of sampling, equipment, locations of sampling sites.

	3. Locations and construction specifications of any barriers, including silt curtains or diverting structures, and any associated trenching or anchoring.

Report Type	**Violation of Compliance with Water Quality Standards Report**
Report Purpose	Notifies Los Angeles Water Board staff that a violation of compliance with water quality standards has occurred.
When to Submit	The Permittee shall report any event that causes a violation of water quality standards within three (3) working days of the noncompliance event notification to Los Angeles Water Board staff.
Report Contents	The report shall include: the cause; the location shown on a map; and the period of the noncompliance including exact dates and times. If the noncompliance has not been corrected, include: the anticipated time it is expected to continue; the steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance; and any monitoring results if required by Los Angeles Water Board staff.

Report Type	**In-Water Work and Diversions Water Quality Monitoring Report**
Report Purpose	Notifies Los Angeles Water Board staff of the completion of in-water work.
When to Submit	Within three (3) working days following the completion of in-water work. Continue reporting in accordance with the approved water quality monitoring plan.
Report Contents	As required by the approved water quality monitoring plan.

Report Type	**Modifications to Project Report**
Report Purpose	Notifies Los Angeles Water Board staff if the Project, as described in the application materials, is altered in any way or by the imposition of subsequent permit conditions by any local, state or federal regulatory authority.
When to Submit	Prior to any alteration or modification of Project activities.
Report Contents	A description and location of any alterations of Project activities. Identify any Project modifications that will interfere with the Permittee's compliance with the Order. Any alteration may require an Amendment, to be determined by Los Angeles Water Board staff.

Report Type	**Transfer of Property Ownership Report**
Report Purpose	Notifies Los Angeles Water Board staff of change in ownership of the Project or Permittee-responsible mitigation area.
When to Submit	At least 10 working days prior to the transfer of ownership.
Report Contents	**1.** A statement that the Permittee has provided the purchaser with a copy of this Order and that the purchaser understands and accepts: **a.** the Order's requirements and the obligation to implement them or be subject to administrative and/or civil liability for failure to do so; and

	b. responsibility for compliance with any long-term BMP[1] maintenance plan requirements in this Order. **2.** A statement that the Permittee has informed the purchaser to submit a written request to the Los Angeles Water Board to be named as the permittee in a revised order.
Report Type	**Transfer of Long-Term BMP Maintenance Report**
Report Purpose	Notifies Los Angeles Water Board staff of transfer of long-term BMP maintenance responsibility.
When to Submit	At least 10 working days prior to the transfer of BMP maintenance responsibility.
Report Contents	A copy of the legal document transferring maintenance responsibility of post-construction BMPs.

[1] Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.