



Los Angeles Regional Water Quality Control Board

March 14, 2018

Mahmood Karimzadeh Program Manager, Architectural Division Department of Public Works City of Los Angeles 1149 S. Broadway Los Angeles, CA 90015

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED No. 7016 0750 0000 8035 0079

Dear Mr. Karimzadeh:

RE: CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER FOR THE TAYLOR YARD BIKEWAY AND PEDESTRIAN BRIDGE OVER LOS ANGELES RIVER (WDID # 4WCQ40117010)

Enclosed please find a CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER, authorized by Los Angeles Regional Water Quality Control Board Executive Officer, Samuel Unger. This Order is issued to Mahmood Karimzadeh, AIA Program Manager, Architectural Division, Department of Public Works, City of Los Angeles for Taylor Yard Bikeway And Pedestrian Bridge Over Los Angeles River. Attachments A through C of the Enclosure are also part of the Order.

This Order is issued in response to an application submitted by City of Los Angeles for proposed Project discharges to waters of the state, to ensure that the water quality standards for all waters of the state impacted by the Project are met. You may proceed with your Project according to the terms and conditions of the enclosed Order.

If you require further assistance, please contact me by phone at 213) 576-5733 or by email at

Dana.Cole@waterboards.ca.gov

You may also contact LB Nye, Senior Environmental Scientist, by phone at (213) 576-6785 or by email at LB.Nye@waterboards.ca.gov.

Sincerely,

Dana Cole, P.G.

Section 401 Certification and Wetlands Unit Los Angeles Water Quality Control Board

Enclosures (1): Order for Taylor Yard Bikeway and Pedestrian Bridge Over Los Angeles River, File No. 17-010

Taylor Yard Bikeway and Pedestrian Bridge Over Los Angeles River

Reg. Meas. ID: 412318 Place ID: 833913 File No.: 17-010

cc: [Via email only] (w/ enclosure):

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Project Manager, Architectural Division
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Los Angeles Regional Water Quality Control Board

CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER

Effective Date: March 14, 2018

Reg. Meas. ID: 412318

Place ID:

833913

Program Type: Fill/Excavation

WDID:

4WCQ40117010

NWP

USACOE#:

SPL-408-2016-030

R4 File No

17-010

Project Type: Bridges, Overpasses and Crossings

Project: Taylor Yard Bikeway and Pedestrian Bridge Over Los Angeles

River (Project)

Applicant: City of Los Angeles

Applicant Contact: Mahmood Karimzadeh

Program Manager, Architectural Division

Department of Public Works

City of Los Angeles 1149 S. Broadway Los Angeles, CA 90015 Phone: 213-485-4282

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Applicant's Agent: Nur D. Malhis, PE

Project Manager, Architectural Division

Department of Public Works

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Engineering Geologist 320 W. 4th Street, Suite 200 Los Angeles, CA 90013 Phone: [213] 576-5733

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Attachment C Report and Notification Requirements

I. Order

This Clean Water Act (CWA) section 401 Water Quality Certification action and Order (Order) is issued at the request of City of Los Angeles (herein after Permittee) for the Project. This Order is for the purpose described in application submitted by the Permittee. The application was received on January 18, 2017. The application was deemed complete on November 18, 2017. Prior to receiving a complete application, Los Angeles Board staff issued a notice of incomplete application and the Permittee responded to the request for application information on the following dates (Table 1).

Table 1: Record of Notice(s) of Incomplete	e Application
Date of Notice of Incomplete Application	Date all requested information was received.
2/27/2017	1/8/2018

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 February 1, 2017 to the date of issuance. The Los Angeles Water Board did not receive any comments during the comment period.

III. Project Purpose

The Project aligns with the Los Angeles River Revitalization Master Plan which strives to bring residents back to the Los Angeles River. The Project will construct a pedestrian access system linking the communities of Elysian Valley and Cypress Park, thereby fulfilling the commitment of the 1992 Taylor Yard Rail Commuter Facility Memorandum of Understanding between the Los Angeles County Transportation Commission and the City.

IV. Project Description

The Project will construct a multi-modal bridge over the Los Angeles River between Elysian Valley on the west and Taylor Yard on the east. The bridge will be designed for bicycle and pedestrian use, and will also support emergency vehicles. On the south, the bridge will connect with the existing bikeway along the river. Two American-with-Disabilities-Act-compliant ramps will also be constructed. On the north side, a long bikeway ramp will be constructed, and will lead to a two-way bike path with buffer along Kerr Road that will connect to San Fernando Road. The Project also proposes to remove nine Magnolia trees located along Kerr Road. Crosswalks will be added at the San Fernando Road and Future Street and the Cypress Street and Future Street intersections.

Activities which will take place within the Los Angeles River footprint will be the following:

Site Preparation

Site preparation activities in waters will consist of the clearing and grubbing of vegetation, including trees, and shrubs, as well as cleaning and preparing of all surface areas where construction will take place. Other activities will include the installation of a construction ramp made of dirt and a water diversion to redirect the channel away from the work zone.

Heavy equipment, including cranes, front-end loaders, boom lifts, forklifts, power tools, heavy-flight-duty trucks, and construction materials, will arrive at the construction site from Kerr Road, and be stored in the construction staging area.

Site Work

The site work in the Los Angeles River will consist of installation of the foundation, the superstructure, and the Los Angeles Department of Water and Power (LADWP) recycled water lines.

Foundation

The foundation Supports will be installed with the Cast-In-Drill-Hole (CIDH) piles and pile caps to provide support for the bridge. The Center Pier will have four 48-inch diameter CIDH piles; the East Abutment will have three 36-inch diameter CIDH piles, and the West Abutment will be comprised of three 36-inch CIDH piles.

Demolishing the channel liner from the areas of construction will be required in order to place the foundation elements as needed. The scope of work includes shoring the area for containing the soil around the excavation; excavating sediment and placement in isolated areas to prevent impacts to waters, installing a rebar cage, and pouring the piles. At the end of the work, the channel liner in all areas will be restored to its original configuration. Equipment utilized during the foundation construction phase will include drill rigs, cranes, backhoes, flatbed trucks, demolition equipment, concrete trucks, water trucks, and heavy to light-duty trucks.

Superstructure:

The superstructure elements will involve the erection of the steel truss segments and construction of the cast-in-place deck.

Five steel truss segments will be erected in sequence. Self-propelled transporter machines will carry the truss segments down the construction ramp from the staging area. They will be lifted from the transporter by cranes and placed on the south abutment (Segment 1), and along a series of temporary supports (Segments 2–5), spanning from the south to north abutment. Equipment utilized during the erection of the steel truss segments will include cranes, forklifts, boom lifts, welding tools, power tools, light to heavy-duty trucks, and a specialized transporter, which will travel up and down the construction ramp.

Another superstructure phase will involve constructing the cast-in-place deck. Equipment utilized during the deck construction will include boom lifts, concrete trucks, heavy to light-duty trucks, and power tools.

Los Angeles Department of Water and Power Waterlines

Construction of the LADWP recycled water lines (below grade or above grade installation) will consist of concrete cutting, excavating, placing segments of water line, welding, slurry or dirt backfilling, compacting, and concrete resurfacing. The equipment used during the installation of the LADWP water line will include cranes, boom lifts, concrete saws, front-end loaders, slurry trucks, concrete trucks, compactors, light to heavy-duty trucks, welding tools, and power tools.

The Project will create permanent impacts to the Los Angeles River by the installation of a nose shaped pier (Pier) in the middle of the River, which will support the bridge mid-span. The Pier will measure 43.3 feet long and four feet wide. The Project will create temporary impacts to waters including the area of the equipment and material staging, as well as vehicular equipment traveling throughout the area. Total project size, including areas outside of Los Angeles River, is approximately 5.1 acres.

The project is estimated to take approximately 2-1/2 years to construct, with completion at approximately December of 2020. There will be no work performed in the channel during the wet season.

V. Project Location

The Project is located within the City of Los Angeles at Elysian Valley and Cypress Park in Los Angeles County.

<u>Latitude</u>	<u>Longitude</u>
34.093344	-118.235186
34.093433	-118.235744
34.095228	-118.236169
34.098440	-118.234008
34.093406	-118.235939
34.094597	-118.236240
34.097143	-118.232830

A map showing the Project location is found in Attachment A of this Order.

VI. Project Impact and Receiving Waters Information

The Project is located within the jurisdiction of Los Angeles Regional Water Quality Control 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 maximum contaminant levels designed to protect human health and ensure that water is safe for domestic use.

Receiving Water:

Los Angeles River Reach 2

(Hydrologic Unit Code: 180701050402)

Designated Beneficial Uses:

MUN*, IND, GWR, WARM, WILD, REC-1, REC-2

*Conditional beneficial use

VII. Description of Direct Impacts to Waters of the State

Impacts will be caused by the installation of the Pier in the middle of the River. The Project will also create temporary impacts to waters including the area of the equipment and material staging, as well as vehicular equipment traveling throughout the area.

Total Project fill/excavation quantities for all impacts are summarized in Table 2. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition only.

Aquatic	Temporary Impact ¹		Permanent Impact Physical Loss of Area	
Resource				
Type	Acres	LF	Acres	LF
Stream Channel	1.57	448	0.0045	43.3

VIII. Compensatory Mitigation

The Permittee has agreed to provide compensatory mitigation for direct impacts described in section VII for permanent and temporary impacts.

IX. California Environmental Quality Act (CEQA)

On March 7, 2017, the Los Angeles City Engineer, Bureau of Engineering, as lead agency, adopted an initial study/mitigated negative declaration (IS/MND) (State Clearinghouse (SCH) No. 2016111025) for the Project and filed a Notice of Determination (NOD) with the Office of the Los Angeles City Clerk. The Los Angeles Water Board is a responsible agency under CEQA (Pub. Resources Code, § 21069) and in making its determinations and findings, must presume that the Los Angeles City Engineer, Bureau of Engineering's adopted environmental document comports with the requirements of CEQA and is valid. (Pub. Resources Code, § 21167.3.) The Los Angeles Water Board has reviewed and considered the environmental document and finds that the environmental document 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

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.

An application fee of \$720.00 was received on January 18, 2017. An additional fee of \$15,283.00 based on total Project impacts was received on November 15, 2017. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3), and was calculated as category B - Dredging Discharges (fee code 86) with the dredge and fill fee calculator.

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 2.

B. Reporting and Notification Requirements

The following section details the reporting and notification types and timing of submittals. 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 shall continue until a Notice of Project Complete Letter is issued to the Permittee.

2. Project Status Notifications

- a. Commencement of Construction: The Permittee shall submit a Commencement of Construction Report at least seven (7) days prior to start of initial ground disturbance activities.
- b. 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 the 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.
- c. 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,² 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 Materials³

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

- 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 Los Angeles Water Board, as soon as practicable (ideally within 24 hours). Notification may be via telephone, e-mail, delivered written notice, or other verifiable means.
- **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, delivered written notice, or other verifiable means.
 - i. Examples of noncompliance events include: lack of storm water treatment following a rain event, discharges causing a visible plume in a water of the state, and water contact with uncured concrete.

² 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.

³ "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.)

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 Water Diversion

- i. If stream diversion will be necessary, the Permittee shall submit to the 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.

C. Water Quality Monitoring

 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 or during water diversion 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. 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.
- **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.4

⁴ 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.

Parameter	and Frequency Requested Unit of	Type of	Minimum Frequency
1 arameter	Measurement	Sample	willimum requency
Oil and Grease	N/A	Visual	Continuous
Dissolved Oxygen	mg/L & % saturation	Grab	Daily for the first week weekly, thereafter
рН	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 least 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. 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.

4. Post-Construction: Visually inspect the Project site during the rainy season for 5 years to ensure excessive erosion, stream instability, or other water quality pollution is not occurring in or downstream of the Project site. If water quality pollution is occurring, contact the Los Angeles Water Board staff member overseeing the Project within three (3) working days. The Los Angeles Water Board may require the submission of a Violation of Compliance with Water Quality Standards Report. Additional permits may be required to carry out any necessary site remediation.

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 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, provide 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.

F. Administrative

- 1. Signatory requirements for all document submittals required by this Order are presented in Attachment A 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. The project shall comply with all requirements of the National Pollutant Discharge Elimination System (NPDES) General Permit for storm water discharges associated with construction activity, Order No. 2012-0011-DWQ.
- 8. The project shall comply with the local regulations associated with the Regional 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.
- G. Best Management Practices

- 1. The Contractor shall maintain all construction-related equipment in good working order to prevent hazardous waste spills.
- 2. Work areas within the Los Angeles River channel will be isolated from the river flow with a water diversion. Water diversion may include rubber dams, and waterproof membranes.
- 3. Silt fences or gravel sand bags will be placed around disturbed areas within the Los Angeles River channel to avoid discharge of pollutants, construction dust, and debris into the river.
- **4.** A temporary soil ramp will be constructed over the channel embankment to provide equipment access. Temporary steel plates will be placed over the ramp and in the river channel to minimize damage to the river channel
- **5.** Any debris tracked into public right of way will be cleaned daily with a street sweeper per the City of Los Angeles specifications.
- **6.** All equipment maintenance, cleaning, fueling, and storage will be performed outside of the Los Angeles River channel.
- 7. Drip pans will be used under all equipment placed in the channel or on the viaduct when expected to be idle for more than one hour.
- 8. Equipment will be inspected daily for leaks, and any leaks will be promptly repaired.
- **9.** All construction equipment entering the Los Angeles River channel will be equipped with rubber tires.
- **10.** The Permittee will collect all water from concrete curing and finishing operations and this will be disposed of at an approved landfill or water treatment facility.
- 11. All debris and waste will be stockpiled outside of the Los Angeles River channel.
- 12. All waste will be taken to a legal point of disposal.
- 13. Trash will be picked up and removed from the project site daily.
- **14.** In the event of a spill, cleanup will begin immediately, and spill cleanup kits will be used to clean and dispose of contaminated materials.
- **15.** A water diversion plan will be implemented to minimize risk to water quality from construction activities.
- **16.** Weekly inspections from a certified biologist /environmentalist will take place in order to ensure that all best management practices are in place to prevent the spread of any kind of construction related turbidity resulting from the project.

H. Mitigation for Temporary Impacts

- 1. The Permittee shall restore all areas of temporary impacts to waters of the state and all Project site upland areas of temporary disturbance which could result in a discharge of waters of the state. A Restoration Plan shall be submitted for written acceptance by Los Angeles Water Board staff within ninety (90) days of issuance of this Order. The Restoration Plan shall provide the following:
 - a. a schedule;
 - b. plans for grading of disturbed areas to pre-project contours;
 - c. planting palette with plant species native to the Project area;
 - d. seed collection location; invasive species management;
 - e. performance standards;
 - f. maintenance requirements (e.g. watering, weeding, and replanting); and
 - g. monitoring requirements.
- 2. The Los Angeles Water Board may extend the monitoring period beyond requirements of the Restoration Plan upon a determination by Los Angeles Water Board Executive Officer that the performance standards have not been met or are not likely to be met within the monitoring period.

I. Compensatory Mitigation for Permanent Impacts⁵

1. Final Compensatory Mitigation Plan

The Permittee shall provide compensatory mitigation for impacts to waters of the state in accordance with Land Veritas Soquel Canyon Mitigation Bank Estimate (Compensatory Mitigation Plan) dated October 19, 2017, incorporated herein by reference and Table 4. Any deviations from, or revisions to, the Compensatory Mitigation Plan must be preapproved by Los Angeles Water Board staff. The monitoring period shall continue until the Los Angeles Water Board staff determines that performance standards have been met. This may require the monitoring period to be extended.

2. Purchase of Mitigation Credits by Permittee for Compensatory Mitigation

- **a.** A copy of the fully executed agreement for the purchase of mitigation credits shall be provided to the Los Angeles Water Board within 90 days of authorized impacts.
- b. The Permittee shall retain responsibility for providing the compensatory mitigation and long-term management until Los Angeles Water Board staff has received documentation of the credit purchase and the transfer agreement between the Permittee and the seller of credits.

⁵ Compensatory Mitigation is for permanent physical loss and permanent ecological degradation of a water of the

3. Total Required Compensatory Mitigation

a. Total required Project compensatory mitigation information for temporary and permanent physical loss of area is summarized in Table 4.

			Method
Aquatic Resource Type	Compensatory Mitigation Type ⁶	Units	Ephemeral Riparian Rehabilitation
Stream Channel	MB	Acres	1.25

XIII. Water Quality Certification

I hereby issue the Order for the Taylor Yard Bikeway and Pedestrian Bridge Over Los Angeles River, 4WQC40117010 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 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.

Samuel Unger, PE Morch 14, 2018

Date

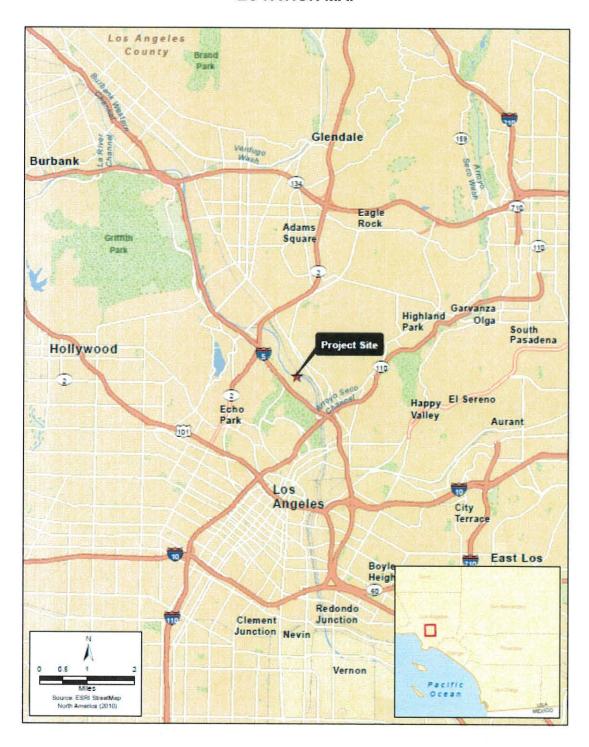
Executive Officer

Los Angeles Water Quality Control Board

⁶ Compensatory mitigation type may be: In-Lieu-Fee (ILF); Mitigation Bank (MB); Permittee-Responsible (PR)

ATTACHMENT A

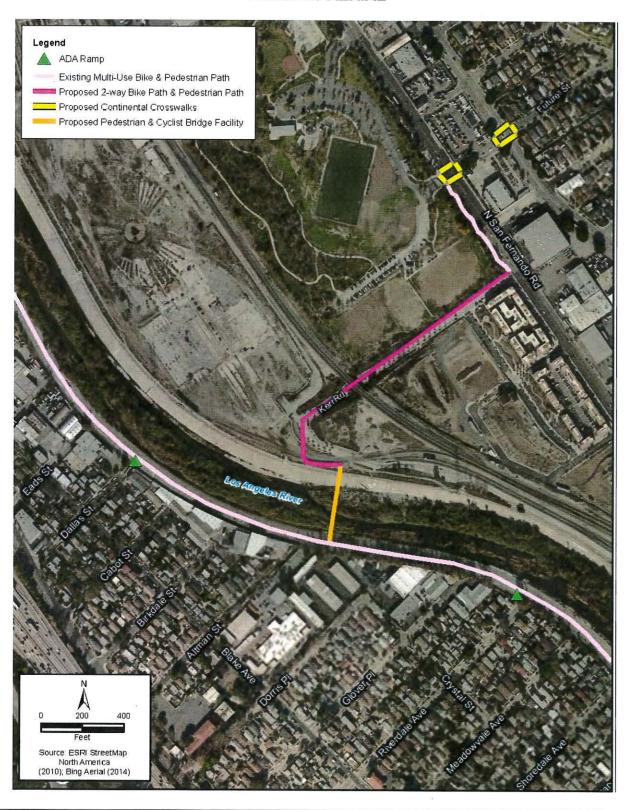
LOCATION MAP



Reg. Meas. ID: 412318 Place ID: 833913

File No. 17-010

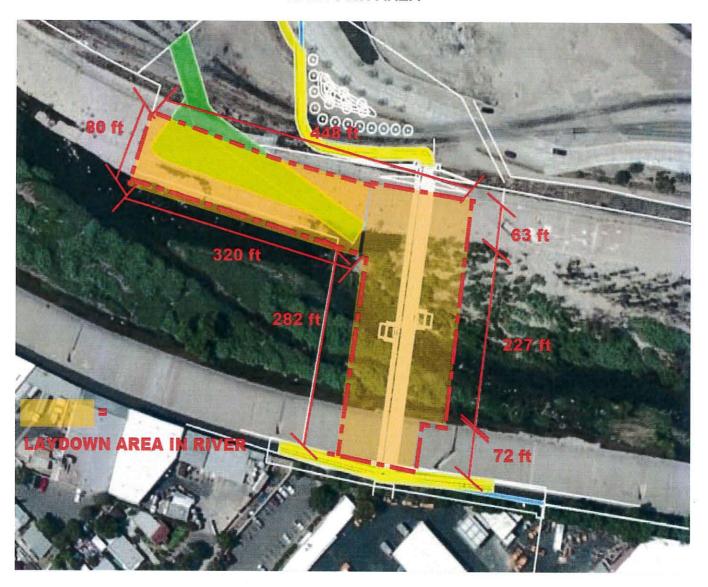
PROJECT AERIAL



Reg. Meas. ID: 412318 Place ID: 833913

File No. 17-010

LAYDOWN AREA



<u>ATTACHMENT B</u>

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 State 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."

ATTACHMENT C

REPORTING REQUIREMENTS

Copies of this Form

In order to identify your project, it is necessary to include a copy of the Project specific Cover Sheet below with your report: please retain for your records

Report Submittal Instructions

- 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: <u>Dana.Cole@waterboards.ca.gov</u>
 - Include in the subject line of the email:
 Subject: ATTN: Dana Cole; File No: 17-010, Reg. Measure ID: 412318 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.
- 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. <u>Post-Discharge Monitoring Period:</u> 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.
- 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. <u>Photo-Documentation:</u> 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 NOTI	FICATION C	OVER SHEET		
Project:	Taylor Bikeway Pedestria	n Bridge Ove	er Los Angeles River		
Permittee:	Los Angeles City				
Reg. Meas. ID:	412318	Place ID:	833913	File No:	17-010

	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
Report Type	☐ Transfer of Long-Term BMP Maintenance Report

"I certify under penalty of law that I have personally exa in this document and all attachments and that, based or responsible for obtaining the information, I believe that aware that there are significant penalties for submitting imprisonment."	n my inquiry of those individuals immediately the information is true, accurate, and complete. I am
Print Name ¹	Affiliation and Job Title
Signature	Date
¹STATEMENT OF AUTHORIZATION (include i application was submitted) I hereby authorize to a submittal of this report, and to furnish upon requesubmittal.	act in my behalf as my representative in the
*This Report and Notification Cover Sheet must be representative and included with all written submi	Date e signed by the Permittee or a duly authorized

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.
	 During the Active Discharge Period Topic 1: Construction Summary 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	 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. Map showing general Project progress. If applicable: Summary of Certification Deviations. See Certification Deviation Attachment for further information.
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	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 performance standards contained in the restoration plan.

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 Planned date of initiation of compensatory mitigation site installation. If installation is in progress, a map of what has been completed to date. 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	 Date of commencement of construction. Anticipated date when discharges to waters of the state will occur. 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	 Status of storm water Notice of Termination(s), if applicable. Status of post-construction storm water BMP installation. Pre- and post-photo documentation of all Project activity sites where the discharge of dredge and/or fill/excavation was authorized. Summary of Certification Deviation discharge quantities compared to initial authorized impacts to waters of the state, if applicable. 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: Permittee Responsible Compensatory Mitigation 1. A report establishing that the performance standards outlined in the compensatory mitigation plan have been met.
	2. Final maps of all compensatory mitigation areas (including buffers).

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	 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. 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.
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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	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.
Report Contents	A description and location of any alterations to Project implementation. Identification of any Project modifications that will interfere with the Permittee's compliance with the Order.

Report Type	Transfer of Property Ownership Report
Report Purpose	Notifies Los Angeles Water Board staff of change in ownership of the Project of Permittee-responsible mitigation area.
When to Submit	At least 10 working days prior to the transfer of ownership.
Report Contents	 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 BMP² maintenance plan requirements in this Order. 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.

 $^{^{\}rm 2}$ Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.