



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

May 15, 2018

Hazem Gabr
Southern California Edison
2244 Walnut Grove Boulevard
Rosemead, CA 91770

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED
No. 7016 0750 0000 8035 0086

Dear Mr. Gabr:

CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER FOR
THE CERRITOS CHANNEL TRANSMISSION TOWER REPLACEMENT PROJECT
(4WQC40117087)

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, Deborah J. Smith. This Order is issued to Hazem Gabr, Southern
California Edison for Cerritos Channel Transmission Tower Replacement (Project).
Attachments A through C of the Enclosure are also part of the Order.

This Order is issued in response to an application submitted by Southern California Edison for
proposed Project discharge 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 Cerritos Channel Transmission Tower Replacement, File No. 17-087

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

Richard Haywood
Southern California Edison

Bill Orme
CWA Section 401 WQC Program
Division of Water Quality
State Water Resources Control Board

Melissa Scianni
U.S. Environmental Protection Agency, Region 9
WRT-2-4

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California Department of Fish and Wildlife
Streambed Alteration Team

Lisa Mangione
U.S. Army Corps of Engineers
Regulatory Branch, Los Angeles District

G. Mendel Stewart
Jonathan Snyder
U.S. Fish and Wildlife Service

California Coastal Commission
Long Beach, CA 90802



Los Angeles Regional Water Quality Control Board

CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER

Effective Date: May 15, 2018

Program Type: Fill/Excavation

| | |
|----------------|-------------------|
| Reg. Meas. ID: | 414333 |
| Place ID: | 836622 |
| WDID: | 4WQC40117087 |
| NWP: | 2016-00104-LM |
| USACOE#: | SPL-2016-00104-LM |
| R4 File No | 17-087 |

Project Type: Overhead Utility

Project: Cerritos Channel Transmission Tower Replacement (Project)

Applicant: Southern California Edison
Applicant Contact: Hazem Gabr
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Water Board Contact Person:

If you have any questions, please call Los Angeles Regional Water Quality Control Board (Los Angeles Water Board) Staff listed above or (213) 576-6600 and ask to speak with the Water Quality Certification and Wetlands Unit Program Manager.

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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 Southern California Edison (herein after Permittee) for the Project. This Order is for the purpose described in application and supplemental information submitted by the Permittee. The application was received on June 29, 2017. The application was deemed complete on March 9, 2018. 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 Application | |
|---|--|
| Date of Notice of Incomplete Application | Date all requested information was received. |
| August 18, 2017 | March 9, 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 July 11, 2017 to the effective date of Order. The Los Angeles Water Board did not receive any comments during the comment period.

III. Project Purpose

The Port of Long Beach (POLB) is undergoing a major expansion of the Long Beach Container Terminal complex and the Middle Harbor Terminal, which will more than double the capacity of the two terminals and will allow larger container ships to transport cargo through the Port.

The proposed project (Project) will raise the height of existing high-voltage sub-transmission and distribution power lines, and a fiber wrap to accommodate the overall expansion of the Port of Long Beach.

IV. Project Location, Background, and Description, and Elements

The Project is located in the southwest portion of the City of Long Beach (see Attachment A of this Order, Figure 1). The Cerritos Channel connects the Port of Los Angeles to the west with the Port of Long Beach to the east. The power line crossing begins on Pier A, on the north bank of the channel. The power lines cross to the south bank of the channel to Pier S, Terminal Island, between the Schuyler Heim Bridge and the Long Beach Freeway (I-710).

Overview:

Three steel lattice power line towers, approximately 300-feet high, were constructed in the 1920s in order to carry the high voltage lines from the Long Beach Generating Station to SCE's distribution system. The vertical clearance was based on the need to clear the masts of sailing ships. This clearance is now insufficient to accommodate the larger container vessels currently in service and planned for the future. The Long Beach Substation, located on Terminal Island, was built in the 1920s to distribute power from the Long Beach Generating Station. The existing Gerald Desmond Bridge was constructed in the mid-1960s as a link between downtown Long Beach and Terminal Island.

The POLB and the California Department of Transportation (Caltrans) initiated construction of the Gerald Desmond Bridge replacement in 2015, and plans are to complete the bridge by January 2019. The new bridge will be 205 feet above the MHWL and the Southern California Edison high-voltage power lines that cross the Cerritos Channel to the north of the bridge will also need to be raised to allow ships to pass under the lines. SCE plans to begin construction of the Project in July of 2018.

The Permittee will replace a segment of the existing 66 kV subtransmission lines, a 12 kV distribution line, and a fiber wrap. The line segment between the Long Beach Substation and the Harborgen Substation to be replaced is approximately 5,500 feet, and includes six 66 kV circuits, one 12 kV circuit, and a fiber wrap on two parallel sets of steel lattice towers. Conductors will be installed on new, taller, structures. The existing SCE 220 kV transmission lines, which also cross the Cerritos Channel and are parallel to the 66 kV lines, will be completely removed between the Long Beach Substation and the Harborgen Substation.

Three tower structures with their respective foundations, and an additional foundation without a structure, are located within the Cerritos Channel. All of the structures and foundations within the Channel will be removed as part of the Project. The structures will be replaced with one structure farther south on Pier S. In addition, the existing conductors will be removed and the 66 kV and 12 kV conductors will be replaced on new structures across the channel. In addition, ten existing tower structures outside the Cerritos Channel will be removed and three structures will be modified (see Attachment A of this Order, Figure 3 and 4).

An *Eelgrass, Caulerpa, and Physical Site Assessment*, prepared by Henkels and McCoy, submitted to this Regional Board on March 20, 2018 found no eelgrass or *Caulerpa*.

Third Party Utility Removal and Relocation

A preliminary underground utility investigation performed by Spec Services, Inc. identified third party utilities within the project area which may be in conflict with tower structure foundation removals. As part of this project, third party underground utilities will likely require relocation or removal if they are confirmed to be within the footprint of the project. The underground utilities may impact the construction zone required for removal of the existing foundations within the Cerritos Channel.

Table A identifies the third party pipelines that that may require relocation to accommodate tower construction or removal of the existing foundations. If pipelines located within the channel require replacement, they will be replaced under the channel by horizontal directional drill (HDD).

| Table A. Third Party Pipelines Potentially Affected by Construction | | | |
|---|-------------|---------------|------------------------------------|
| Operator | Commodity | Size | Disposition |
| Plains All American Pipeline | Crude Oil | (1) 24" Steel | Relocate and abandon existing line |
| Southern California Gas Company | Natural Gas | (1) 16" Steel | Relocate and abandon existing line |

| | | | |
|----------------------------|-------------|-------------------------------------|-------------------------------------|
| PLC | Natural Gas | 16" | Verify abandonment |
| Southern California Edison | Water | 10" | Verify abandonment |
| Long Beach Gas & Oil | Natural Gas | (2) 8" Steel | Relocate and abandon existing lines |
| Lomita | Storm Drain | (2) 3" Steel inside 8" Steel Casing | Relocate and abandon existing lines |
| Lomita | Fuel Gas | (1) 8" Steel | Relocate and abandon existing line |

All planned removals or relocations of existing utilities will be presented to the Port of Long Beach Director of Engineering Design for approval. Only the sections of pipeline in conflict with the construction operations will be removed and the remaining abandoned pipeline will be abandoned in place. Prior to abandonment, the third party utility operators will purge and clean pipelines to be free of product. If feasible, the abandoned pipelines will be filled with cement slurry. Existing abandoned utilities deeper than ten feet below ground surface will likely not be filled with concrete slurry prior to removal. Additional utility investigation for the oil lines west of the tower structures will be conducted prior to final relocation design. Methods for physically locating active utilities may include, but are not limited to, subsurface signal generation or potholing.

Removal of Conflicting Utilities

Each section of the pipeline under the Cerritos Channel will be thoroughly cleaned by passing poly pigs through the interior of the line. The pipeline will be cleaned to the required standard so that product is not leaked into the channel during pipeline removal.

Horizontal Directional Drill (HDD)

The construction will begin with installing the utilities under the Cerritos Channel using the HDD method. The HDD will use an established entry and exit sites for drilling equipment which will be located outside the Cerritos Channel. The entry and exit sites vary in size depending on the diameter of the drill and associated equipment required.

The typical minimum depth of the drill will be 50 feet below the dredging elevation. The installation of a pipe by HDD will be accomplished in stages as described below.

Stringing of the HDD pipe

The pipeline will be staged, pre-welded into a string of pipe with the required length to cross the channel and then hydrotested. This section of pipe will then be located on the opposite side of the drilling equipment held in place by two or three cranes depending on the string length.

The HDD will begin by directionally drilling a small-diameter pilot hole along a designed directional path. Then the reaming process will consist of enlarging the pilot hole to a diameter that will support the pipeline and the final stage will consist of pulling the pipeline back into the enlarged pilot hole.

Trenching

In upland areas, the pipeline will be installed using traditional trench installation. A wheel trencher will be used to dig a trench appropriate for the diameter of the proposed pipeline, stacking the dirt beside the ditch. The trench will be excavated to a minimum depth adequate to allow for 48 inches of cover on the pipeline. Backfilling will begin after the proposed pipeline has been successfully placed in the trench. Backfilling the trench will generally use the subsoil previously excavated from the trench, unless the soil is contaminated in which case the imported select fill material will be used.

Welding and Coating

The pipeline welding crews will align the pipe for welding, and complete the welding of the pipeline. The welds will be nondestructively tested (x-rayed) to insure the quality of the weld.

Hydrostatic testing

Before the new pipelines are connected to the existing systems, pipelines will be pressure tested with water. The pipeline will be filled with water and pressurized as required by owner specifications.

Cathodic Protection

Cathodic protection test sites will be installed at accessible locations to measure the pipe to soil potential for the establishment and maintenance of an effective cathodic protection system.

Tower Structure and Foundation Removal

The three tower structures and the four foundations in the Cerritos Channel will be removed completely.

Each tower foundation (50 feet by 50 feet) consists of four concrete piers (reinforced in the top 15 feet), each of which is supported by a non-reinforced concrete pile cap founded on 36, 40-foot long timber piles. The entire foundation is underwater with the top being at an average elevation of approximately minus 13 feet. The piers are 37 feet tall, and eight feet square at the top, tapering to 14 feet square at the bottom. They are joined together by horizontally reinforced concrete beams ten feet deep by five feet wide. The pile cap is 16 feet square by 12 feet deep with a top elevation of minus 50 feet and a bottom elevation of minus 62 feet. Concrete for each tower is 1,432 cubic yards.

A temporary sheet pile bulkhead (200 feet by 25 feet) will be constructed at shore to provide a means to move land-based construction equipment to the floating equipment. This will require temporarily relocating the existing riprap on the shoreline slope to install cantilevered steel sheet bulkhead (approximately 360 feet by 50 feet area of disturbance). Riprap will be temporarily placed within the bulkhead during construction and reinstalled after completion of construction. Flexi-float sectional barges will be delivered by truck, offloaded into the water with a large crane, and connected together to form barges. The barges will be outfitted with spuds, timber mats, navigation lights, and spill prevention kits.

The foundation removal will use sheet pile cofferdams (each 155 feet by 75 feet) and traditional concrete breaking and grinding as demolition methods. The sheet pile will be driven to approximately minus 70 feet, about 10 feet below removal limits. A top level of bracing will be

used to support the top of the cofferdam. Depending on final engineering, additional levels of bracing may need to be added. All work will be done "in the wet."

Sediment within the coffer dams will be removed to facilitate foundation demolition. Excavated sediment will be temporarily stored on barges or on shore during foundation demolition activities. After demolition is complete, the excavated sediment will be placed back into the excavated areas or hauled off and disposed of at an approved disposal location. Concrete debris will be disposed of at an approved disposal facility. Loose rebar will be segregated on the material barge, then loaded into metal recycling containers and taken to an approved disposal facility.

The top concrete will be demolished using a hydraulic impact hammer on an excavator. Hoe excavation, using a clam bucket and one-cubic yard bucket on a long stick excavator, will deposit the concrete rubble and sediment on a material barge. A grinder will be used to grind through the non-reinforced concrete. The timber piles will be pulled by crane on a barge.

A Gunderboom or turbidity silt curtain (approximately 575 feet in length) will be installed around the foundations in the channel. The silt curtain will act as the project boundary and will encompass approximately 2.93 acres from the shoreline.

Access

Construction of new structures and removal of existing facilities will require access to each structure site for construction crews, materials, and equipment (see Attachment A of this Order, Figure 2). Access to the north side of the channel will be primarily along Carrack Avenue and Pier A Way via existing paved roads and right-of-way access points. Access to structures on the south side of the channel will be via existing paved roads and established construction entrances. At the end of project construction, these roads will be left in a condition equal to or better than the condition that existed prior to the start of construction.

Construction Yards and Equipment

Two to three temporary construction yards and two helicopter fly yards will be established. Each type of yard will be located on the north and south side of the Cerritos Channel. The helicopter fly yards will be approximately 0.5 acres each and located within the construction yards.

Each construction yard will be used as a reporting location for workers and for vehicle and equipment parking and material storage. An office for supervisory and clerical personnel will be located in the south yard off of Pier S. Normal maintenance of construction equipment will be conducted at these yards.

At peak construction, most of the vehicles and equipment will occupy the yards. Approximately 125 private commuting vehicles will also be parked at the yards (excluding vehicles associated with underground utility construction). Crews will load materials onto work trucks and drive to the line position being worked. At the end of the day, they will return to the yard in their work vehicles and depart in their private vehicles.

Construction yards for the third party utility replacements will generally be located adjacent to the project sites. The utilities relocations will be completed by horizontal directional drill. From the directional drill entry and exit points, pipe will be trenched to respective connection points with existing pipelines. This will require sufficient laydown areas to string equipment and materials on land on both sides of the Cerritos Channel. On the drill entry side an area approximately 200 by

200 feet will be required and on the drill exit side a narrower but much longer area will be required to string out the pipe. At the peak of underground utility construction approximately 30 private commuting vehicles will also be parked at the yards.

The Permittee will restore all areas that are temporarily disturbed by project activities (including material staging yards and pull/tension sites) to preconstruction conditions following the completion of construction, or as mutually agreed between the Permittee and the landowner. Restoration will include grading to original contours.

Construction Schedule

Construction is currently scheduled to commence in the third quarter of 2018 and is expected to take approximately 24 months. Removal of the foundations within the Cerritos Channel is expected to take 12 months and will take place after electrical and third party underground utility relocation work has been completed. The sequencing of the activities has not been finalized and will depend on factors such as bird nesting season, permit approvals and construction notice to proceed.

V. Project Latitude and Longitude

The Project is located in the Port of Long Beach, Los Angeles County

| <u>Latitude</u> | <u>Longitude</u> |
|-----------------|------------------|
| 33.767579 | -118.228278 |
| 33.767751 | -118.228297 |
| 33.767947 | -118.228319 |
| 33.768110 | -118.227650 |
| 33.768297 | -118.226899 |
| 33.768464 | -118.226217 |
| 33.768256 | -118.226115 |

The Project location is found in Attachment A, Figures 1 and 2 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.

Receiving Water: Inner Los Angeles and Long Beach Harbor
(Hydrologic Unit Code: 180701060703)

Designated Beneficial Uses: IND, NAV, COMM, MAR, RARE, SHELL, REC-1, REC-2,

VII. Description of Direct Impacts to Waters of the State

Project Impacts will be created by the disturbance of the habitat of the floor of Cerritos Channel.

Total Project fill/excavation quantities for all impacts are summarized in Table 2.

| Aquatic Resource Type | Temporary Impact ¹ | |
|------------------------|-------------------------------|-----|
| | Acres | LF |
| Ocean, bay, or estuary | 2.93 | 575 |

VIII. Compensatory Mitigation

No compensatory mitigation is required for because all impacts are temporary. However, if eelgrass or *Caulerpa* is discovered in the Project site before or during implementation of the project, the Permittee will implement NOAA's Southern California Eelgrass Plan and *Caulerpa* Plan.

IX. California Environmental Quality Act (CEQA)

On December 11, 2017, the City of Long Beach, as lead agency, certified an environmental impact report (EIR) (State Clearinghouse (SCH) No. 2016101061) for the Project and filed a Notice of Determination (NOD) at the SCH and the County of Los Angeles Registrar on December 12, 2017. 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 lead agency's certified 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).) The environmental document includes the mitigation monitoring and reporting program (MMRP) for all mitigation measures that have been adopted for the Project to reduce potential significant impacts. (Pub. Resources Code, § 21081.6, subd. (a)(1); Cal. Code Regs., tit. 14, § 15091, subd. (d).)

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

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.

reconsideration must be submitted in writing and received within 30 calendar days of the issuance of this Order.

X. Fees Received

An application fee of \$720 was received on June 29, 2017. An additional fee of \$29,184 based on total Project impacts was received on August 18, 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 A - Fill & Excavation Discharges (fee code 84) with the dredge and fill fee calculator.

XI. 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

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 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):

- 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](http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill%20Booklet%20Feb2014%20FINAL%20BW%20Acc.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

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.)

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.
- 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

- i. 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.
- ii. By the 15th day of the subsequent month following completion of work in water, an In-Water Work/Diversions Water Quality Monitoring Report must be submitted to Los Angeles Water Board staff.

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.

Transfer of Order: 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 or Project 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.
- 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

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. For that area known as the Outer Harbor area of Los Angeles-Long Beach Harbors, the mean annual dissolved oxygen concentrations shall be 6.0 mg/L or greater, provided that no single determination shall be less than 5.0 mg/L
- c. pH. 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. 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.

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 may be conducted at one location within the project boundary for each phase. All other sampling shall take place on both sides of silt curtains at a minimum of two locations (4 locations total). 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.

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.
6. **Construction General Permit Requirement:** 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. 2009-0009-DWQ, as amended).

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.

G. Best Management Practices

Prior to initiation of construction activities, all businesses, tenants, and utility companies (i.e., gas, water, oil, and telecommunications) within the area of the proposed construction, demolition, or rehabilitation will be notified of the schedules and associated roadway and ramp closures related to the proposed project. All marine transportation and recreational boating companies will be notified two weeks prior to initiation of planned construction and demolition or rehabilitation activities potentially affecting normal operations within the Cerritos Channel.

During construction, trucks and vehicles in loading and unloading queues shall be kept with their engines off when not in use to reduce vehicle emissions. Construction emissions will be phased and scheduled to avoid emissions peaks, where feasible, and discontinued during second-stage smog alerts.

Petroleum products, such as gasoline, diesel fuel, and lubricants, may be present onsite and will be used to fuel and lubricate vehicles and equipment, but will be contained in approved containers. When not in use, such materials shall be stored properly to prevent drainage or accidents.

Construction and maintenance activities shall comply with applicable federal, state, and local regulations regarding the use of hazardous substances.

During construction, water trucks may be used to minimize the quantity of airborne dust created by construction activities. Any damage to existing roads as a result of construction will be repaired once construction is complete.

The site shall be maintained on a daily basis and trash will be properly disposed of in covered trash containers during construction. Construction entrances shall be developed to minimize track out and properly maintained throughout the life of the job.

In addition, all construction materials and debris will be removed from the area and recycled or properly disposed of offsite. The Permittee shall conduct a final survey to ensure that cleanup activities are successfully completed.

To prevent taking active bird nests during the nesting season (approximately February through August), the following measures will be implemented as appropriate:

- Prior to the beginning of the nesting season, inactive nests will be removed and barriers such as netting, mooring balls, or other deterrents will be installed on transmission structures to preclude new nest construction.
- During construction in the nesting season, activities will be periodically monitored to ensure that no new nest construction occurs within work areas.

The Permittee shall install silt curtains to control turbidity around the in-water construction area prior to initiation of in-water construction activities including riprap removal, bulkhead installation, coffer dam installation, excavation, and transmission tower foundation removal.

A "soft-start" protocol for in-water impact pile driving activities shall be implemented. Work is commenced with short blows followed by a five-minute period of no impact pile driving, followed by full in-water activities. The purpose is to encourage any marine mammals in the area to leave the Project area prior to commencement of work. This process shall be repeated if pile driving and hammering ceases for a period of greater than an hour.

A Horizontal Drilling Contingency and Resource Protection Plan prior to Project construction shall be prepared and implemented. The plan will detail visual inspection and monitoring along the path of the conductor alignment. If a frac-out occurs (the inadvertent release of drilling fluid to the surface during a drilling activity), or if operators note a sudden loss of the return of drilling fluids, drilling will cease and clean up protocols will be implemented. The plan will detail cleanup and reporting protocols. Depending on the severity, cleanup will be limited to containment of the breached area with a turbidity curtain to allow fluids to congeal without further spread, or will require a spill response team to clean up excess fluids in the water.

A survey for *Caulerpa* shall be conducted 90-days prior to bottom disturbing activities within Cerritos Channel. Surveys will comply with the most current version of the *Caulerpa* Control

Protocol provided by the National Marine Fisheries Service. If detected, construction will not be conducted until the infestation has been isolated, treated, or the risk of spread from the Project eliminated.

A Project-specific Hazardous Materials Management Plan shall be prepared for the construction phase of the Project to ensure compliance with all applicable federal, State, and local regulations. Implementation of the Hazardous Materials Management Plan will reduce or avoid the use of potentially hazardous materials for the purposes of worker safety, protect against groundwater contamination, and ensure proper disposal of hazardous materials. The plan is subject to POLB approval, and will include the following information related to hazardous materials, as applicable:

- A list of the hazardous materials that will be present on site during construction, including information regarding their storage, use, and transportation;
- A description of the waste-specific management and disposal procedures that will be conducted for any hazardous materials that will be used;
- Any secondary containment and countermeasures that will be required for on-site hazardous materials, as well as the required responses for different quantities of potential spills; and
- A list of spill response materials, including oil-absorbent material, tarps, and storage drums to contain and control any minor releases of oil, and the locations of such materials at the Project site during construction.

The plan will also include procedures for training and communication to minimize the potential exposure of the public and site workers to potential hazardous materials during all phases of construction. This will include training on hazardous material protocols and best management practices. The Hazardous Material Management Plan will be submitted to the POLB 30 days prior to the start of construction for review, comment, and approval.

The Permittee shall prepare *A Soil and Groundwater Management Plan* that outlines how the Project construction crews will identify, handle, and dispose of potentially impacted soil and groundwater found in upland areas. The plan is subject to POLB approval. Due to the presence of known soil and groundwater contaminated in upland areas with varying low levels of total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), and metals, and the potential for unknown contamination, the plan will include the following requirements:

- All water produced by dewatering will be contained and tested prior to disposal, where disposal will be in accordance with all applicable regulations;
- Onshore spoils will be stockpiled and tested to determine appropriate reuse or disposal, where disposal will be in accordance with all applicable regulations;
- Anticipated field screening methods will be identified and appropriate regulatory limits to be applied to determine proper handling and disposal; and

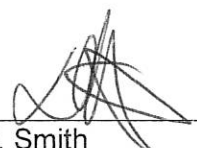
- Requirements for documenting and reporting incidents of encountered contaminants will be included, such as documenting locations of occurrence, sampling results, and reporting actions taken to dispose of contaminated materials.

XII. Water Quality Certification

I hereby issue the Order for the Cerritos Channel Transmission Tower Replacement, WDID Number 4WQC40117087, 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.



Deborah J. Smith
Executive Officer
Los Angeles Water Quality Control Board

5-15-18

Date

ATTACHMENT A

PROJECT MAPS AND AERIALS

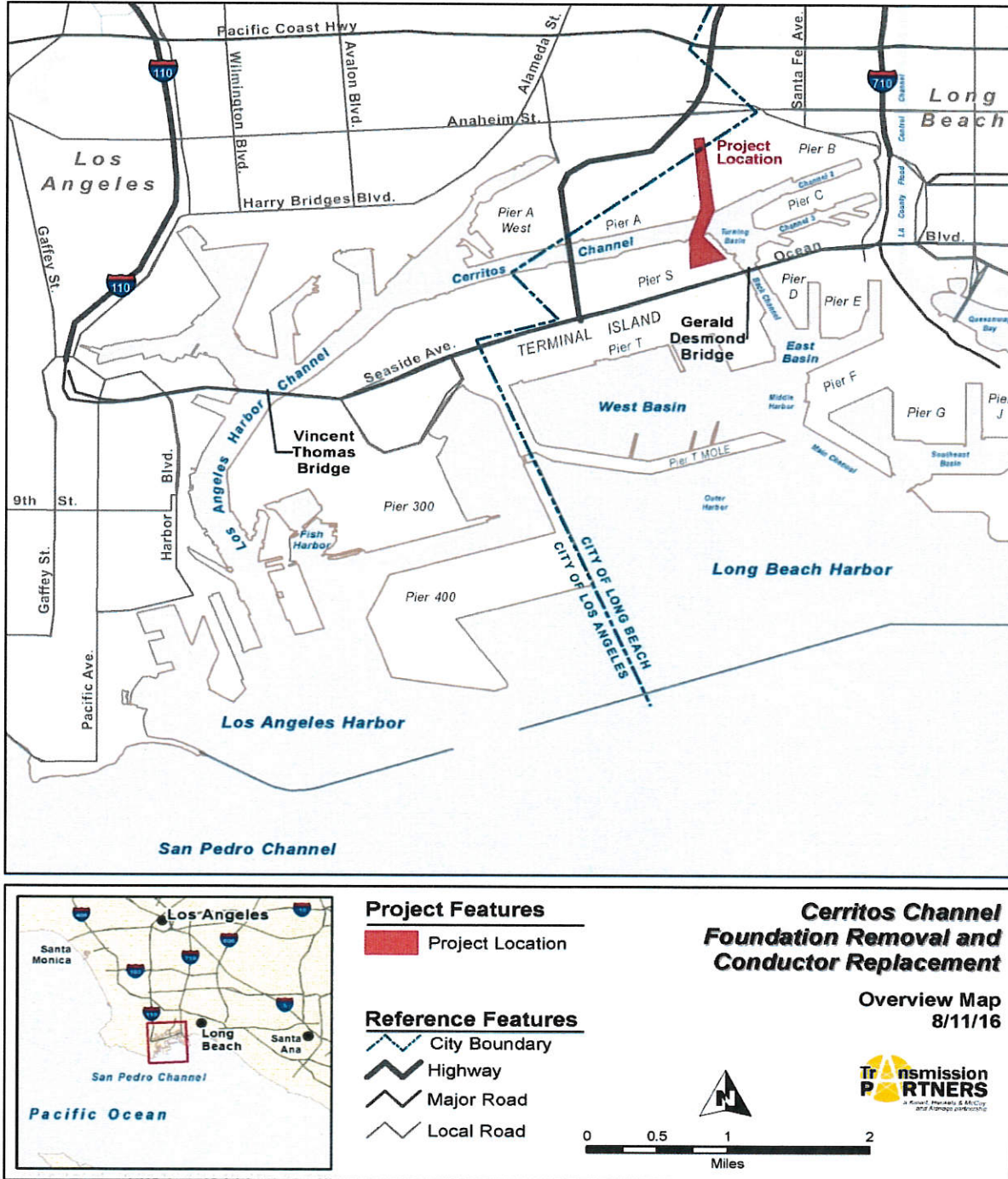


Figure 1 Location

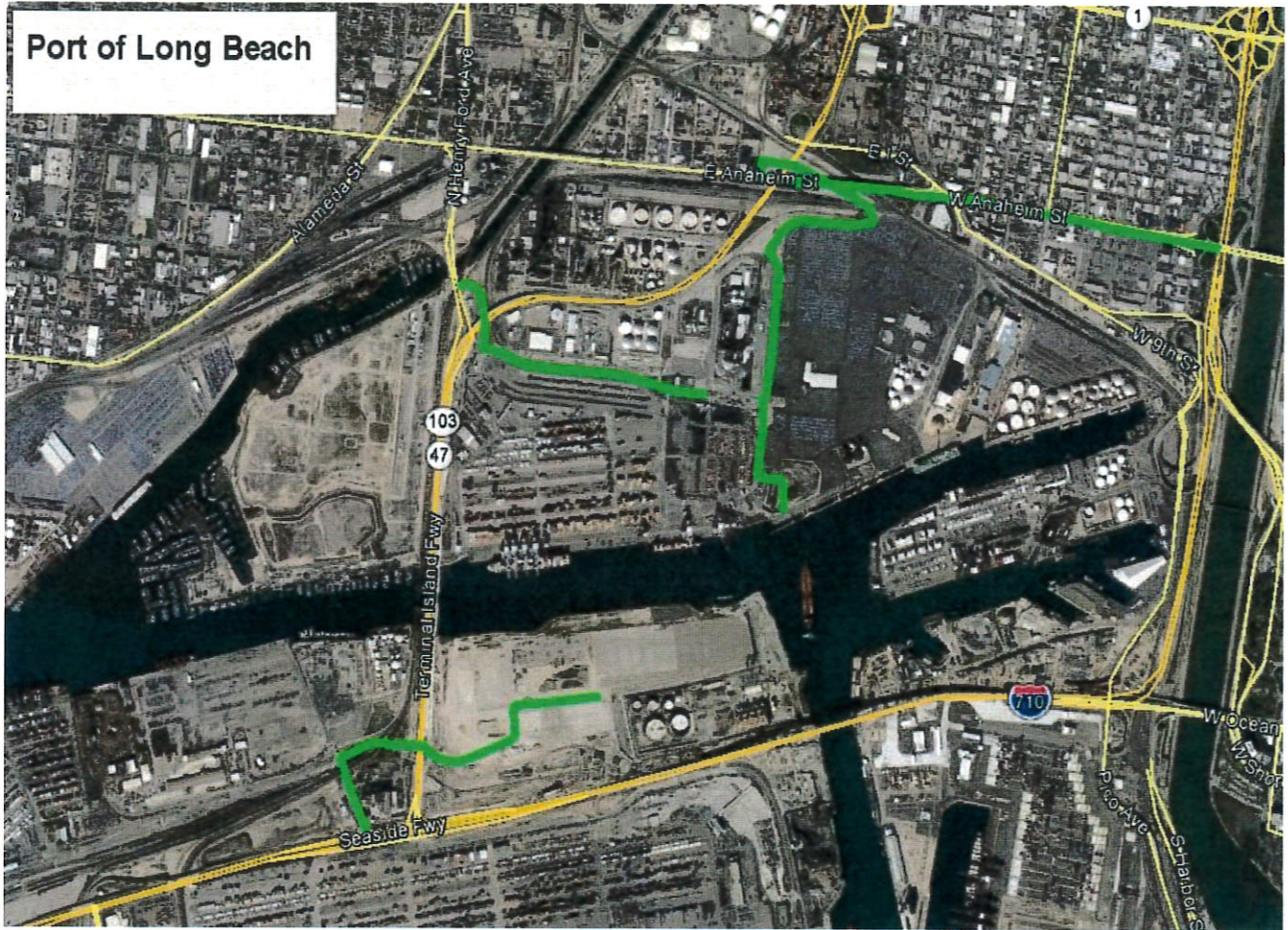


Figure 2 Proposed Project Access

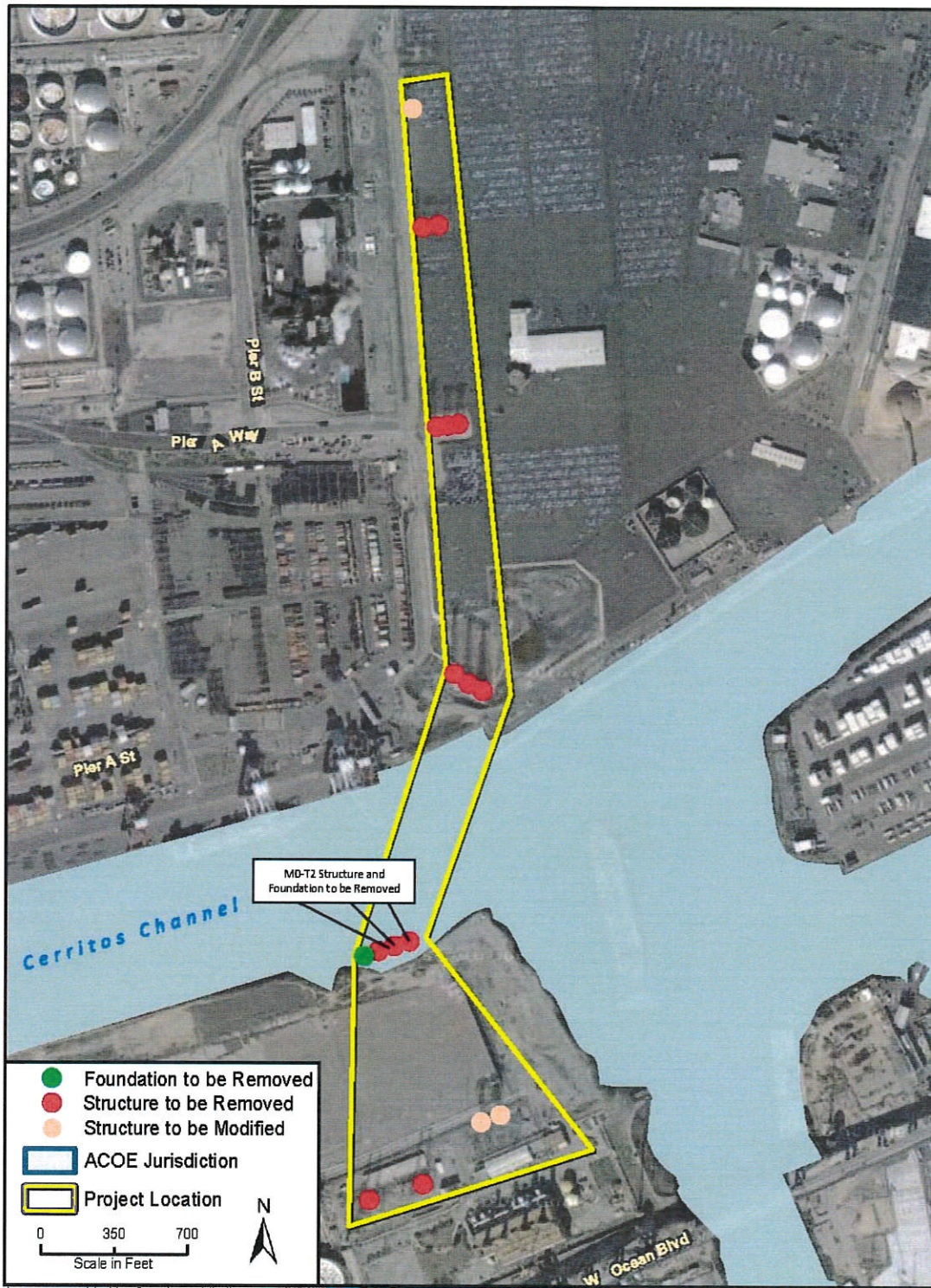


Figure 3 Structures to be Removed or Modified

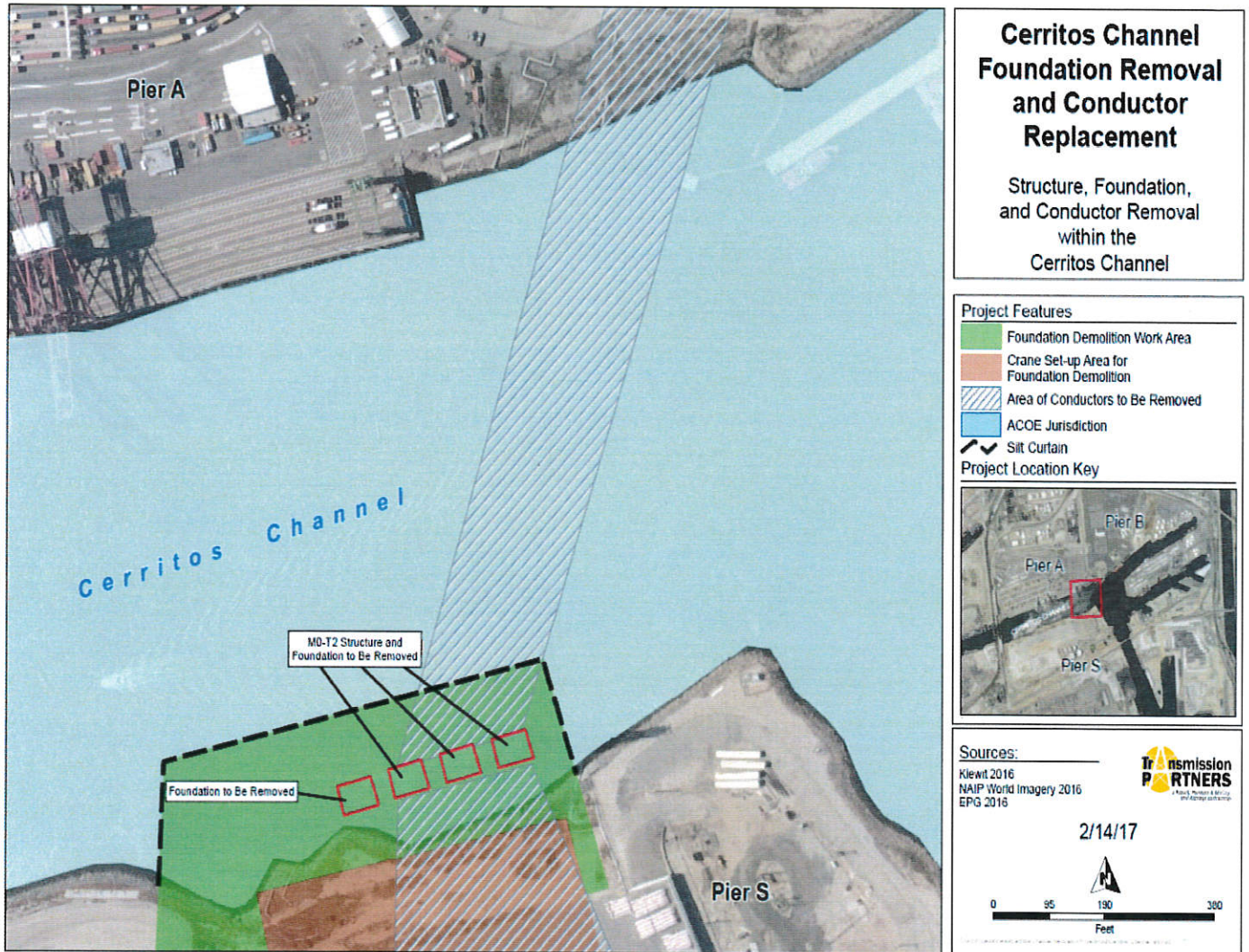


Figure 4 Proposed Structure, Foundation, and Conductor Removal

ATTACHMENT B

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

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: Dana.Cole@waterboards.ca.gov
 - Include in the subject line of the email:
Subject: ATTN: Dana Cole; File No: 17-087, Reg. Measure ID: 414333_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: Cerritos Channel Transmission Tower Replacement
Permittee: Southern California Edison
Reg. Meas. ID: 414333 **Place ID:** 836622 **File No:** 17-087

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 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

¹STATEMENT 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

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|-----------------------------------|--|
| 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 the Project effective date. Annual reports shall continue until a Notice of Project Complete Letter is issued to the Permittee. |
| Report Contents | <p>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.</p> <p><u>During the Active Discharge Period</u></p> <ul style="list-style-type: none"> • Topic 1: Construction Summary |
| 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 | <ol style="list-style-type: none"> 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. Map showing general Project progress. 3. If applicable: <ol style="list-style-type: none"> a. Summary of Conditional Notification and Report Types 6 and 7 (Part C below). b. Summary of Certification Deviations. See Certification Deviation Attachment for further information. |

Part B – Project Status Notifications

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| Report Type | Commencement of Construction |
| Report Purpose | Notify Los Angeles Water Board staff prior to the start of construction. |

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| When to Submit | Must be received at least seven (7) days prior to start of initial ground disturbance activities. |
| Report Contents | <ol style="list-style-type: none"> 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. |

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| 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 | <ol style="list-style-type: none"> 1. Status of storm water Notice of Termination(s), if applicable. 2. Status of post-construction storm water BMP installation. 3. Pre- and post-photo documentation of all Project activity sites where the discharge of dredge and/or fill/excavation was authorized. 4. Summary of Certification Deviation discharge quantities compared to initial authorized impacts to waters of the state, if applicable. 5. 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. |

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| 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. |

Part C – Conditional Notifications and Reports

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| 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 | <ol style="list-style-type: none"> 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 |

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| | <p>be substituted.</p> <ol style="list-style-type: none"> 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. |
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| 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. |

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| 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. |

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| Report Type | Transfer of Property Ownership Report |
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| | |
|------------------------|---|
| 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 | <ol style="list-style-type: none">1. A statement that the Permittee has provided the purchaser with a copy of this Order and that the purchaser understands and accepts:<ol style="list-style-type: none">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; andb. responsibility for compliance with any long-term BMP² 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. |