



Los Angeles Regional Water Quality Control Board

August 4, 2017

Captain Patrick J. Dugan
Commanding Officer
U.S. Coast Guard
5505 Robin Hood Road, Suite K
Norfolk, VA 23513-2431

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED
No. 7016 0750 0000 8035 0536

Dear Captain Dugan:

RE: CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER FOR THE HOMEPORTING OF USCG FAST REPOSSES CUTTERS (WDID FILE # 4WQC40117023)

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 Captain Dugan, U.S. Coast Guard for the Homeporting of USCG Fast Reposes Cutters (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 Captain Dugan 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

Enclosure: Order for Homeporting of USCG Fast Reposes Cutters, File No. 17-023
Attachments: A, B, C

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Los Angeles Regional Water Quality Control Board

CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER

Effective Date: August 4, 2017

Program Type: Fill/Excavation

Reg. Meas. ID:	412322
Place ID:	833918
WDID:	4WQC40117023
NWP	
USACOE#:	SPL-2017-00123- BLR
R4 File No	17-023

Project Type: Boating and Navigation

Project: Homeporting of USCG Fast Reponses Cutters

Applicant: U.S. Coast Guard
Applicant Contact: Patrick J. Dugan
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I. Order

This Clean Water Act (CWA) section 401 Water Quality Certification action and Order (Order) is issued at the request of the U.S. Coast Guard (herein after Permittee) for the Homeporting of USCG Fast Reponses Cutters (Project). This Order is for the purpose described in application submitted by the Permittee. The application was received on February 21, 2017. The application was deemed complete on July 24, 2017.

Los Angeles Water Board staff requested additional information necessary to supplement the contents of the complete application and the Permittee responded to the request for supplemental information on the following dates (Table 1)

Table 1 Record of Supplemental Application Information	
Date of Request for Supplemental Information	Date all requested information was received.
3/13/2017	7/24/2017

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 28, 2017 to the effective date of this Order. The Los Angeles Water Board did not receive any comments during the comment period.

III. Project Purpose

The United States Coast Guard (USCG) is the main Federal agency responsible for maritime safety, security, and environmental stewardship in U.S. ports and waterways. The proposed project will commission and homeport four Fast Response Cutters in the District 11 Area of Responsibility (AoR). The Eleventh USCG District’s AoR includes the states of California, Arizona, Nevada and Utah.

The Sentinel-class Fast Response Cutter is a USCG patrol boat (154 feet in length and 25 feet in width) that is capable of deploying independently to conduct missions that include port, waterways and coastal security; fishery patrols; search and rescue; and national defense. It features advanced command, control, communications, intelligence, surveillance, and reconnaissance equipment, and offers improved seakeeping as compared to its predecessor, the 1980’s-era Island-class 110-foot patrol boat.

The Project will provide adequate land-side and water-side facilities and infrastructure consistent with the planning criteria developed in the United States Coast Guard’s Homeport Feasibility Study.

IV. Project Description

The proposed project involves shore-side infrastructure improvements including:

- The addition of three 15-foot by 200-foot concrete floating docks along a 600 linear foot section of existing pier, known as the WHEC pier;
- The installation of twenty-four 18-inch concrete-filled, steel guide pipe piles to support the concrete floats (eight piles per float);
- The addition of a ten-foot by ten-foot gangway platform adjacent to the existing pier, with two five-foot by 38-foot gangways extending from the platform onto the floats; and
- The installation of two 18-inch concrete-filled, steel pipe piles to support the gangway platform.

Other improvements include the addition of two bridges for the gaps between the concrete floats, four life rings and four safety ladders to be located on the floats, three six-foot by six-foot prefabricated aluminum brow stanchions and three three-foot by six-foot brows for use on the floating docks, twelve white non-marring, foam-filled fenders (three-foot diameter and eight-foot long) attached to the floating docks with pad-eyes, and four 20-ton bollards and five ten-ton cleats at each floating dock.

Piles will be driven to their specified tip elevation with a vibratory and/or impact hammer. When using the vibratory or impact hammer, a "soft-start" technique will be used as a warning mechanism to allow marine mammals and fish to vacate the area before the maximum hammer energy is reached. The Contractor shall install and keep in place cushion blocks and a bubble curtain to attenuate sound levels during impact pile driving.

V. Project Location

Project is located in the City of San Pedro, in Los Angeles County.

<u>Latitude</u>	<u>Longitude</u>
33.72653	-118.2670
33.72540	-118.26966
33.72457	-118.26891
33.72569	-118.26885
33.72645	-118.27004
33.72448	-118.26932
33.72464	-118.26848
33.72662	-118.26927

A map of the Project location is found in Attachment B 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 anti-degradation policies.

Receiving Water: San Pedro Bay
(Hydrologic Unit Code: 180701060703)

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

VII. Description of Direct Impacts to Waters of the State

Permanent Project impacts to the channel will consist of pile placement (46 square feet (0.0011 acres) and 0.207 acres will be permanently disturbed by concrete floating docks (along a 600 linear foot section of existing pier). The impacts will result in minor or negligible physical loss, degradation of ecological conditions, or cumulative effects.

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.

Table 2: Total Project Fill/Excavation Quantity		
Aquatic Resource Type	Permanent Impact	
	Degradation of Ecological Condition Only	
	Acres	LF
Ocean/bay/estuary	0.208	600

VIII. Avoidance and Minimization

Pollution and erosion control measures will be implemented to prevent pollution caused by construction operations, and to reduce contaminated stormwater runoff. Implementation of standard Best Management Practices (BMPs) will minimize the potential for adverse effects on aquatic organisms from sedimentation and degraded water quality. The Contractor shall install and keep in place a containment boom and turbidity curtain during all in-water work that may disturb the mudline or allow debris to enter the water. The Contractor shall prevent trash or construction debris from entering the watercourse, and shall recover any items that enter the watercourse immediately. Controlled materials, such as creosote timber, will be disposed of at an approved facility with chain of custody documentation to be provided.

Environmental monitoring during impact driving includes hydroacoustic monitoring and reporting as well as marine mammal and sea turtle monitoring and reporting. Both the hydroacoustic and marine mammal and sea turtle monitoring plans were developed in consultation with, and with approval from, the National Marine Fisheries Service.

IX. Compensatory Mitigation

The Permittee has agreed to provide 0.21 acres of compensatory mitigation to the Santa Monica Bay Restoration Foundation (Foundation) for direct impacts. The National Marine

Fisheries Service (NMFS) requested contribution be made to the Bay Foundation for their kelp restoration project. This area was chosen due to its relatively close proximity to Project. The USCG followed NMFS direction regarding mitigation compensation.

Haskell, as the USCG's Design-Build Contractor for the Project, provided the mitigation fee on behalf of the USCG. The California State Coastal Conservancy began identifying the restoration of kelp forests as a mitigation bank for California Assembly Bill 32 *California Global Warming Solutions Act* in August 2013. This includes the Palos Verdes Peninsula.

The Palos Verdes Kelp Restoration Project's goal is to restore kelp forest to the rocky reef systems of the Palos Verdes Shelf. This area has experienced significant loss of giant kelp, based on observations of the kelp canopy over the past 100 years. Much of the loss is due to the formation of urchin barrens. Restoration sites are divided into 30-meter by 30-meter blocks each comprised of 15 transects (two-meters by 30-meters each), monitored by divers. Divers will remove urchins from the urchin barrens, which will allow for the natural restoration of biogenic habitat to rocky reefs that support kelp forests.

Restoration sites are located in shallow rocky reefs along the Palos Verdes Peninsula in depths from five to 60 feet. SCUBA and hookah divers will use geology hammers to reduce urchin densities. Urchins will be manually culled by divers to a targeted density of two per square meter using geology hammers. By removing urchins, giant kelp can re-establish on reefs that are currently urchin barrens. Kelp forests will enhance the fish habitat, increase the abundance of life and attract diversity on reefs. The reestablishment of kelp forests will aid local fisheries, enhance recreational opportunities and help protect the shoreline by creating a buffer against storm-driven waves. Kelp forests have an inherent high productivity, as giant kelp ecosystems are globally significant to the sequestration of carbon, helping reduce the accumulation of carbon dioxide in the atmosphere.

Palos Verdes urchin barren extent surveys were conducted in 2010 identifying 152 acres of rocky reef in barren state. Monitoring teams survey reefs and set up 30-meter by 30-meter blocks in areas where urchin densities are in excess of two per square meter. Restoration teams reduce urchin densities to the targeted two per square meter. Post monitoring surveys are conducted within two weeks or as weather allows to ensure excess urchins have been removed. The exact location of the urchin removal transects will be determined at a future date in order to be most effective.

X. California Environmental Quality Act (CEQA)

The Los Angeles Water Board has determined that the Project is exempt from review under CEQA pursuant to California Water Code of Regulations, title 14, section 15061. Specifically, the issuance of this Order and the activities described herein meet the exemption criteria under California Code of Regulations title 14, section(s) 15301 *Existing Facilities*. Additionally, the Los Angeles Water Board concludes that no exceptions to the CEQA exemption apply to the activities approved by this Order.

XI. 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.

XII. Conditions

The Los Angeles Water Board has independently reviewed the record of the Project to analyze impacts to the environment 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. **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.
- b. **Request for Notice of Project Complete Letter:** The Permittee shall submit a Request for Notice of Project Complete Letter when construction and/or any post-construction monitoring is complete,¹ 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.

¹ 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. Conditional Notifications and Reports: The following notifications and reports are required as appropriate.

a. Accidental Discharges of Hazardous Materials² Following an accidental discharge of a reportable quantity of a hazardous material, sewage, or an unknown material, the following applies (Wat. Code, § 13271):

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

² "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.)

- b. Dissolved Oxygen. At a minimum, the mean annual dissolved oxygen concentration of all waters shall be greater than 7 mg/L, and no single determination shall be less than 5.0 mg/L, except when natural conditions cause lesser concentrations.
- c. 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
- d. 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
- e. Ocean water quality monitoring shall be performed by the Applicant. 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). Monitoring for the following shall be included:

f. Sampling shall be conducted in accordance with Table 3 sampling parameters.³

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

Analyses must be performed using approved US Environmental Protection Agency methods, where applicable. These constituents shall be measured at least once prior to project commencement (baseline sampling) and then monitored on a daily basis during the first week of construction, and then on a weekly basis, thereafter, until the work is complete. Monitoring shall ensure compliance with all water quality objectives specified in the 2015 Ocean Plan.

³ 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.

Results of the analyses shall be submitted to this Regional Board by the 15th day of each subsequent sampling month. A map or drawing indicating the locations of sampling points shall be included with each submittal. A summary of the analyses and compliance above shall be included. Any such violations may result in corrective and/or enforcement actions, including increased monitoring and sample collection.

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 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. Best Management Practices

1. All work performed within waters of the state shall be completed in a manner that minimizes impacts to beneficial uses and habitat; measures shall be employed to minimize disturbances within the port that will adversely impact water quality.
2. The Contractor shall install and keep in place a containment boom and turbidity curtain during all in-water work that may disturb the mudline or allow debris to enter the water. The Contractor shall prevent trash or construction debris from entering the watercourse, and shall recover any items that enter the watercourse immediately. Controlled materials, such as creosote timber, will be disposed of at an approved facility with chain of custody documentation to be provided.
3. Hydroacoustic and marine mammal and sea turtle monitoring plans developed in consultation with, and with approval from, the NMFS shall be implemented
4. Fueling, lubrication, maintenance, storage and staging of vehicles and equipment shall not result in a discharge or a threatened discharge to any waters of the state. The Permittee shall not use leaking vehicles or equipment within waters of the state or where leaking materials may discharge to waters of the state.
5. The Permittee shall oversee the work of the contractor during implementation of the Project, to ensure that the work is being done in accordance with the plans.
6. No construction material, spoils, debris, or any other substances associated with the Project that may adversely impact water quality standards, shall be located in a manner which may result in a discharge or a threatened discharge to waters of the state. Designated spoil and waste areas shall be visually marked prior to any excavation or construction activity, and storage of the materials shall be confined to these areas.
7. All waste material removed shall be relocated to a legal point of disposal.
8. An emergency spill kit must be at the Project site at all times.

XIII. Water Quality Certification

I hereby issue the Order for the Homeporting of USCG Fast Responses Cutters (WDID 4WQC40117023) 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.

Samuel Unger

Samuel Unger, PE
Executive Officer
Los Angeles Water Quality Control Board

Aug. 4, 2017

Date

- Attachment A** Signatory Requirements
- Attachment B** Map
- Attachment C** Report and Notification Requirements

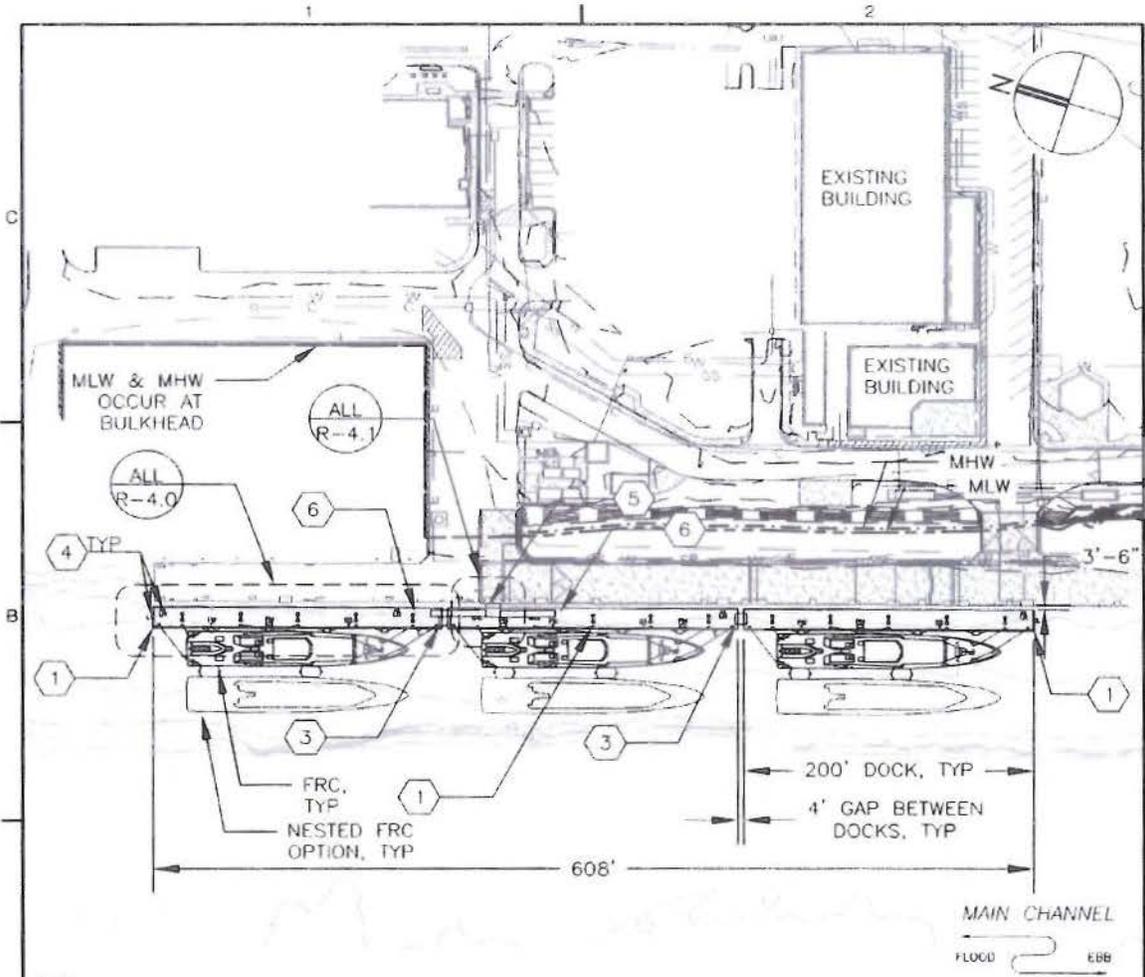
ATTACHMENT A

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."

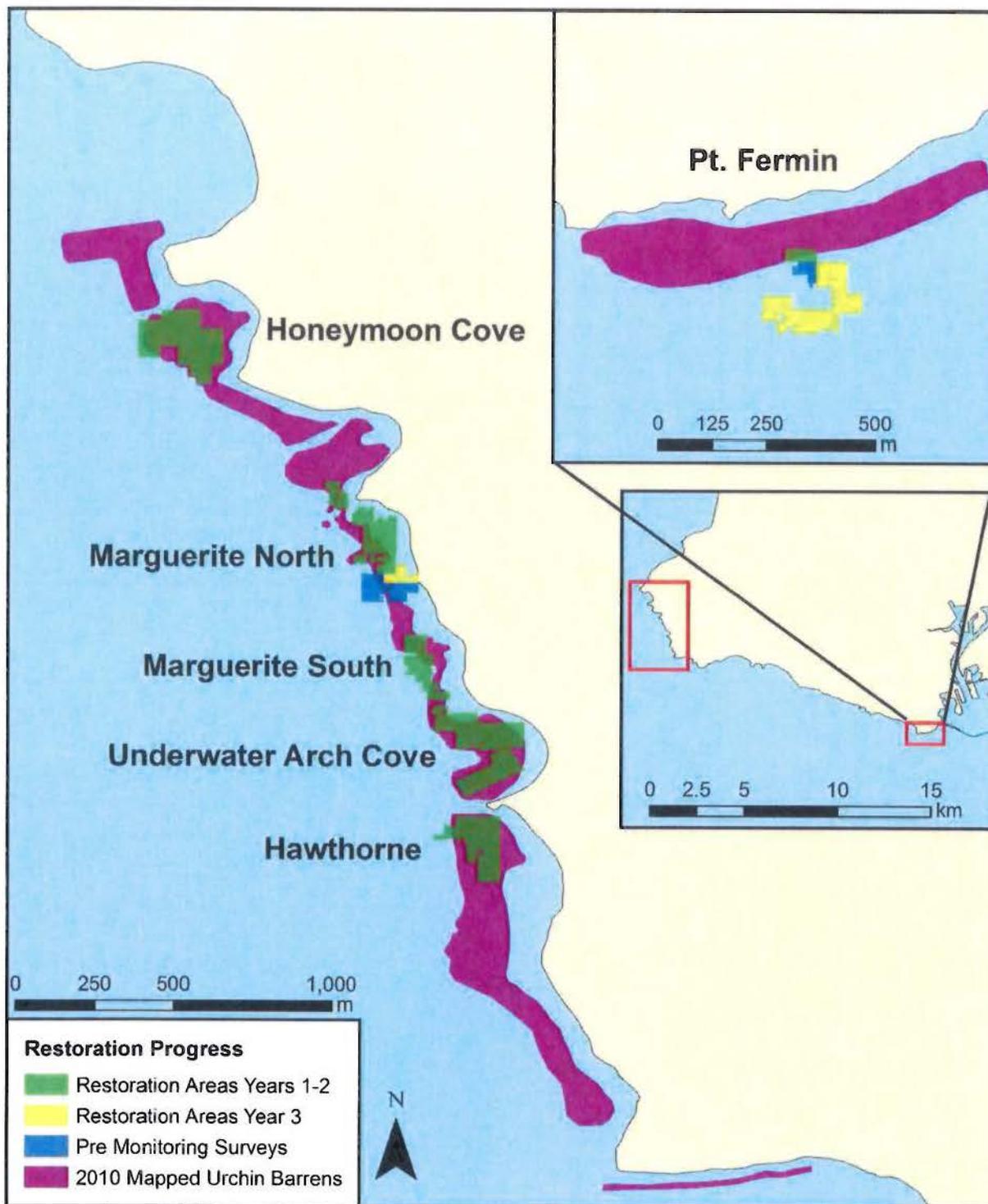


- # CONSTRUCTION
1. PROVIDE (3) NEW 15'X200' FLOATING DOCKS WITH CONCRETE FILLED STEEL PIPE PILES.
 2. PROVIDE (3) NEW 6'X6' PREFABRICATED ALUMINUM BROW STANCHIONS AND (3) NEW 3'X6' BROWS FOR USE ON THE FLOATING DOCKS. (STANCHIONS & BROWS NOT SHOWN IN PLAN)
 3. PROVIDE (2) BRIDGES FOR THE GAPS
 4. PROVIDE (4) LIFE RING STANDS AND (4) SAFETY LADDERS
 5. PROVIDE (1) NEW 10'X10' PILE SUPPORTED PLATFORM
 6. PROVIDE (2) NEW 5'X38' GANGWAYS



USACE#:		PROPOSED SITE PLAN		BlueShore ENGINEERING LLC <small>11550 S. MAIN ST. SUITE 200 SAN PEDRO, CA 90731 (310) 318-1111</small>
Waterway: Los Angeles Main Channel		Construct FRC Homeport Base LA/LB 1001 S. Seaside Ave. San Pedro, CA 90731		
Lat: 33° 43' 33" N	Long: 118° 16' 10" W	Scale: 1" = 100'		R-3.2
Datum: NAVD88		February 13, 2017	Sht ___ of ___	

Restoration Overview Map



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: 17-023, Reg. Measure ID: 412322_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 Complete 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: Homeporting of USCG Fast Reponses Cutters
Permittee: U.S. Coast Guard
Reg. Meas. ID: 412322 **Place ID:** 833918 **File No:** 17-023

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

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	<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 • Topic 2: Mitigation for Temporary Impacts Status • Topic 3: Compensatory Mitigation for Permanent Impacts Status <p><u>During the Post-Discharge Monitoring Period</u></p> <ul style="list-style-type: none"> • 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	<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.
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	<ol style="list-style-type: none"> 1. Planned date of initiation and map showing locations of mitigation for temporary impacts to waters of the state and all upland areas of temporary disturbance which could result in a discharge to waters of the state. 2. If mitigation for temporary impacts has already commenced, provide a map and information concerning attainment of 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	<p>*If not applicable report N/A.</p> <p>Part A. Permittee Responsible</p> <ol style="list-style-type: none"> 1. Planned date of initiation of compensatory mitigation site installation. 2. If installation is in progress, a map of what has been completed to date. 3. If the compensatory mitigation site has been installed, provide a final map and information concerning attainment of performance standards contained in the compensatory mitigation plan. <p>Part B. Mitigation Bank or In-Lieu Fee</p> <ol style="list-style-type: none"> 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	<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.

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.

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	<p>Part A: Mitigation for Temporary Impacts</p> <ol style="list-style-type: none"> 1. A report establishing that the performance standards outlined in the restoration plan have been met for Project site upland areas of temporary disturbance which could result in a discharge to waters of the state. 2. A report establishing that the performance standards outlined in the restoration plan have been met for restored areas of temporary impacts to

waters of the state. Pre- and post-photo documentation of all restoration sites.

Part B: Permittee Responsible Compensatory Mitigation

3. A report establishing that the performance standards outlined in the compensatory mitigation plan have been met.
4. Status on the implementation of the long-term maintenance and management plan and funding of endowment.
5. Pre- and post-photo documentation of all compensatory mitigation sites.
6. Final maps of all compensatory mitigation areas (including buffers).

Part C: Post-Construction Storm Water BMPs

7. Date of storm water Notice of Termination(s), if applicable.
8. Report status and functionality of all post-construction BMPs.

Part C – Conditional Notifications and Reports

Report Type	Accidental Discharge of Hazardous Material Report
Report Purpose	Notifies Los Angeles Water Board staff that an accidental discharge of hazardous material has occurred.
When to Submit	Within five (5) working days following the date of an accidental discharge. Continue reporting as required by Los Angeles Water Board staff.
Report Contents	<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 be substituted. 2. If applicable, any required sampling data, a full description of the sampling methods including frequency/dates and times of sampling, equipment, locations of sampling sites. 3. Locations and construction specifications of any barriers, including silt curtains or diverting structures, and any associated trenching or anchoring.

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

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

Report Contents	As required by the approved water quality monitoring plan.
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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.

Report Type	Transfer of Property Ownership Report
Report Purpose	Notifies Los Angeles Water Board staff of change in ownership of the Project or Permittee-responsible mitigation area.
When to Submit	At least 10 working days prior to the transfer of ownership.
Report Contents	<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; and b. 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.

Report Type	Transfer of Long-Term BMP Maintenance Report
Report Purpose	Notifies Los Angeles Water Board staff of transfer of long-term BMP maintenance responsibility.
When to Submit	At least 10 working days prior to the transfer of BMP maintenance responsibility.
Report Contents	A copy of the legal document transferring maintenance responsibility of post-construction BMPs.

² Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.