



## Los Angeles Regional Water Quality Control Board

July 30, 2018

Sean Guthrie
Vice President
MCL Marina Corporation
212 Yacht Club Way, Suite A-3
Redondo Beach, CA 90277

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED No. 7017 1450 0002 1559 2380

Dear Mr. Guthrie:

RE: CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER FOR THE APARTMENTS AT KING HARBOR, CITY OF REDONDO BEACH STRUCTURAL SUPPORT IMPROVEMENTS PROJECT (WDID FILE #4WQC40118019)

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 Smith. This Order is issued to MCL Marina Corporation for the Apartments at King Harbor, City of Redondo Beach Structural Support Improvements Project (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 Sean Guthrie for the proposed Project discharges to waters of the state, to ensure that the water quality standards for all waters of the state impacted by the Project are met. You may proceed with your Project according to the terms and conditions of the enclosed Order.

If you require further assistance, please contact Valerie Carrillo Zara by phone at (213) 576-6759 or by email at Valerie.CarrilloZara@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,

LB Nye, Senior Environmental Scientist Section 401 Certification and Wetlands Unit Los Angeles Water Quality Control Board

Enclosures (1): Order for Apartments at King Harbor, File No. 18-019

## Apartments at King Harbor Structural Support Improvements

Reg. Meas. ID: 419798 Place ID: 845302 File No.: 18-019

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

Derek Lerma Rincon Consultants Inc.

Elizabeth Payne
CWA Section 401 WQC Program
Division of Water Quality
State Water Resources Control Board

Justin Pearce U.S. Army Corps of Engineers Regulatory Branch, Los Angeles District

Brock Warmuth California Department of Fish and Wildlife Streambed Alteration Team

Melissa Scianni US EPA, Region 9

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

California Coastal Commission 200 Oceangate, 10th Floor Long Beach, CA 90802





Los Angeles Regional Water Quality Control Board

#### **CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER**

Effective Date: July 30, 2018

Reg. Meas. ID:

Place ID:

419798 845302

Program Type: Fill/Excavation WDID: 4WQC40118019

NWP:

03

USACOE#:

2018-00192-JJP

R4 File No

18-019

Project Type: Residential

**Project:** Apartments at King Harbor, City of Redondo Beach Structural

Support Improvements (Project)

Applicant:

MCL Marina Corporation

Applicant Contact:

Sean Guthrie

Vice President

212 Yacht Club Way, Suite A-3 Redondo Beach, CA 90277 Phone: (310) 376-6926 x 127 Email: sean@kingharbor.com

Applicant's Agent:

Rincon Consultants Inc.

Derek Lerma

180 N. Ashwood Ave Ventura CA. 93003

Phone: (805) 644-4455 Ext. 25

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Water Board Staff: Valerie Carrillo Zara

**Engineering Geologist** 

320 W. 4th Street, Suite 200 Los Angeles, CA 90013 Phone: (213) 576-6759

Email: Valerie.carrillozara@waterboards.ca.gov

#### 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.

MADELYN GLICKFELD, CHAIR | DEBORAH J. SMITH, EXECUTIVE OFFICER

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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 MCL Marina Corporation (herein after Permittee) for the Project. This Order is for the purpose described in the application and supplemental information submitted by the Permittee. The application was received on February 23, 2018. The application was deemed complete on April 19, 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 2/26/2018 to the effective date of Order. The Los Angeles Water Board did not receive any comments during the comment period.

## III. Project Purpose

The purpose of the proposed project is to reinforce the vertical support system of the overwater portion of the existing 49-unit apartment building at King Harbor to improve the safety of its inhabitants, adjacent tenants, and the general public.

#### IV. Project Description

Currently, the over-water portion of the existing 49-unit apartment building at King Harbor in Redondo Beach, is supported by fourteen (14) existing structural piles driven approximately 40 to 60 feet into the seabed. However, because of the age of the existing piles and undeterminable condition of the driven portion, there is a growing concern about the structural integrity and safety of the apartment building inhabitants in the event another major earthquake occurs in the Los Angeles area. Although the apartment building has since been structurally upgraded in many ways, none specifically reinforced the load bearing vertical support system of the over-water portion.

The Project will remove five (5) existing pilings and add sixteen (16) new vertical support piles that will be driven approximately 40 feet into the marina seabed. The installation of these new support piles will include removing five existing marina dock guide piles, replacing the guide piles with structural support piles, and reconfiguring the existing marina dock below to maintain the current quantity and sizes of existing boat slip spaces.

The Project will first disassemble an existing marina dock. After the new structural pilings are installed, the disassembled dock will be reconstructed.

#### Pile Removal and Driving

Pile removal and driving will be conducted via a floating barge with all proper BMPs being used throughout the process including the use of a floating turbidity curtain around the piles during the removal and driving operation. The pile driving rig will be of adequate size to properly handle removing the existing piles and driving the new ones.

#### Pile Removal

Pile removal will be accomplished with the appropriate and adequate wire rigging attached to the barge crane. The pile will then be jetted around the base of the pile and pulled out by the barge crane. The extracted piles will be placed on the barge and disposed of at Chandler's Recycling 1711 Alameda St., Wilmington, CA 90744. The replacement piles will also be transported to the project site via the barge.

#### **Pile Driving**

Pile driving will be conducted using a combination of jetting and impact pile driving using a D30-32 diesel hammer with swinging pile leads. Piles will be driven using cushion blocks between the pile and the hammer and will employ a "soft start" approach where the initial strikes of a piling are not performed at full force, but at a significantly reduced force and slowly build to full force over several strikes. The piles will be cast with internal jet tubes to facilitate pile placement prior to pile driving. Jetting in tandem with the diesel impact hammer will align pilings to within five feet of tip elevation. Final tip elevation will be reached by impact pile driving alone. Given the proximity of the apartment building and its age and condition, a vibratory hammer driving method is not proposed nor will be used.

A portion of the boatyard located to the east of the project site will be used as a project staging area. Land-based construction machinery will be limited to a single concrete and pumping truck used intermittingly during permitted construction hours.

Additional mitigation measures follow Redondo Beach Municipal Code (RBMC) Title 5, Chapter 7, Stormwater and Urban Runoff Pollution Control Regulations. The project will implement BMPs identified in the Local Stormwater Pollution Prevention Plan (LSWPPP) to retain sediments, construction-related materials, wastes, spills or residuals onsite to the maximum extent practicable.

The in-water construction activities will be conducted in a phased approach over an approximate two-week time period in which the barge and pile driving equipment will be moved from north to south in progression. The phased approach will limit potential access issues for adjacent slips and allow for implementation of BMP's within focused work areas.

#### V. Project Location

King Harbor, 835 Hopkins Way, Redondo Beach

<u>Latitude</u>	Longitude
33.850930	-118.397500
33.850810	-118.397346
33.850700	-118.397457
33.850611	-118.397300
33.850518	-118.397412
33.850407	-118.397267
33.850305	-118.397379
33.850210	-118.397220

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

#### VI. Project Impact and Receiving Waters Information

The Project is located within the jurisdiction of Los Angeles Regional Water Quality Control Board. Receiving waters and groundwater potentially impacted by this Project are protected in accordance with the applicable water quality control plan (Basin Plan) for the region and other plans and policies which may be accessed online at:

http://www.waterboards.ca.gov/plans policies/. The Basin Plan includes water quality standards, which consist of existing and potential beneficial uses of waters of the state, water quality objectives to protect those uses, and the state and federal antidegradation policies.

Receiving Water:

King Harbor (Hydrologic Unit Code: 180701040500)

Designated Beneficial

IND, NAV, REC-1, REC-2, COMM, MAR, WILD, RARE

Uses:

## VII. Description of Direct Impacts to Waters of the State

Impacts to Waters of the United States include disturbance of the seafloor habitat. Total Project fill/excavation quantities for all impacts are summarized in Table 1. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition only.

Table 1: Total Project	Fill/Excavation Quantity		
Agustia Dagauras	Townson, Import	Permanent Impact	
Aquatic Resource	Temporary Impact <sup>1</sup>	Physical Loss of Area	
Туре	Acres	Acres	
Ocean/bay/estuary	0.00015	0.00033	

#### VIII. Compensatory Mitigation

The Permittee shall provide compensatory mitigation for impacts to waters of the State with the removal of a concrete pile approximately (40 ft x 1ft) lying on its side along the bottom within the dredge channel near the entrance of Basin One in King Harbor Marina. The pile represents a risk to USACE maintenance dredging operations of the navigation channel and when removed will offset impacts to unvegetated soft bottom within the same localized water body. In addition, a pre-construction eelgrass survey will be conducted in accordance with the Southern California Eelgrass Mitigation Policy (NOAA Fisheries 2014) (Eelgrass policy) and should eelgrass be disturbed by the Project, the Permittee will replace the eelgrass per the Eelgrass Policy.

#### IX. California Environmental Quality Act (CEQA)

On March 11, 2013, the City of Redondo Beach, as lead agency, adopted an initial study/negative declaration (IS/ND) for the Project and filed a Notice of Determination (NOD) at the SCH on May 31, 2018. 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 City of Redondo Beach's adopted environmental document comports with the requirements of CEQA and is valid. (Pub. Resources Code, § 21167.3.) The Los Angeles Water Board has reviewed and considered the environmental document and finds that the environmental document prepared by City of Redondo Beach adequately addresses the Project's water resource impacts. (Cal. Code Regs., tit. 14, § 15096, subd. (f).)

#### X. Petitions for Reconsideration

Any person aggrieved by this action may petition the State Water Board to reconsider this Order in accordance with California Code of Regulations, title 23, section 3867. A petition for

<sup>&</sup>lt;sup>1</sup> 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.

#### XI. Fees Received

An application fee of \$1,500 was received on February 23, 2018. 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 Fill and Excavation Discharges, with the dredge and fill fee calculator.

#### XII. Conditions

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

#### A. Authorization

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

#### B. Reporting and Notification Requirements

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

#### 1. Project Reporting

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

#### 2. Project Status Notifications

- a. Request for Notice of Completion of Discharges Letter: The Permittee shall submit a Request for Notice of Completion of Discharges Letter following completion of active Project construction activities, including any required restoration and permittee-responsible mitigation. This request shall be submitted to 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,<sup>2</sup> and no further Project activities will occur. This request shall be submitted to Los Angeles Water Board staff within thirty (30) days

<sup>&</sup>lt;sup>2</sup> 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.

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.

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

## a. Accidental Discharges of Hazardous Materials<sup>3</sup>

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

- As soon as (A) Permittee has knowledge of the discharge or noncompliance,
   (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures then:
  - first call 911 (to notify local response agency)
  - then call Office of Emergency Services (OES) State Warning Center at: (800) 852-7550 or (916) 845-8911
  - Lastly follow the required OES procedures as set forth in: <a href="http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill Booklet Feb2014 FINAL BW Acc.pdf">http://www.caloes.ca.gov/FireRescueSite/Documents/CalOES-Spill Booklet Feb2014 FINAL BW Acc.pdf</a>
- **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

c. III-Water Wor

<sup>&</sup>lt;sup>3</sup> "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.)

i. During in water work, water quality monitoring shall be conducted. Requirements for water quality monitoring are below.

- ii. The Permittee shall notify the Los Angeles Water Board at least forty-eight (48) hours prior to initiating work in water. Notification may be via telephone, e-mail, or delivered written notice.
- iii. Within three (3) working days 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.

- e. Transfer of Property Ownership: This Order is not transferable in its entirety or in part to any person or organization except after notice to the Los Angeles Water Board in accordance with the following terms:
  - i. The Permittee must notify the Los Angeles Water Board of any change in ownership or interest in ownership of the Project area by submitting a Transfer of Property Ownership Report. The Permittee and purchaser must sign and date the notification and provide such notification to the Los Angeles Water Board at least 10 days prior to the transfer of ownership. The purchaser must also submit a written request to the Los Angeles Water Board to be named as the permittee in a revised order.
  - **ii.** Until such time as this Order has been modified to name the purchaser as the permittee, the Permittee shall continue to be responsible for all requirements set forth in this Order.

#### C. Water Quality Monitoring

- 1. **General:** 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:

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. No single determination shall be less than 5.0 mg/L, except when natural conditions cause lesser concentrations.
- e. 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.
- f. 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 2 sampling parameters.4

Table 2: 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			
рН	Standard Units	Grab	Daily for the first week, weekly, thereafter			
Turbidity	NTU	Grab	Daily for the first week, weekly, thereafter			
Temperature	°F (or as °C)	Grab	Daily for the first week, weekly, thereafter			

Baseline sampling 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

<sup>&</sup>lt;sup>4</sup> 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.

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; NPDES No. CAS000002).

#### F. Administrative

- 1. Signatory requirements for all document submittals required by this Order are presented in Attachment B of this Order.
- 2. This Order does not authorize any act which results in the taking of a threatened, endangered or candidate species or any act, which is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish & G. Code, §§ 2050-2097) or the federal Endangered Species Act (16 U.S.C. §§ 1531-1544). If a "take" will result from any act authorized under this Order held by the Permittee, the Permittee must obtain authorization for the take prior to any construction or operation of the portion of the Project that may result in a take. The Permittee is responsible for meeting all requirements of the applicable endangered species act for the Project authorized under this Order.
- 3. The Permittee shall grant Los Angeles Water Board staff, or an authorized representative (including an authorized contractor acting as a Water Board representative), upon presentation of credentials and other documents as may be required by law, permission to:
  - **a.** Enter upon the Project or compensatory mitigation site(s) premises where a regulated facility or activity is located or conducted, or where records are kept.
  - **b.** Have access to and copy any records that are kept and are relevant to the Project or the requirements of this Order.
  - **c.** Inspect any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order.
  - d. Sample or monitor for the purposes of assuring Order compliance.
- **4.** A copy of this Order shall be provided to any consultants, contractors, and subcontractors working on the Project. Copies of this Order shall remain at the Project site for the duration of this Order. The Permittee shall be responsible for work conducted by its consultants, contractors, and any subcontractors.

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

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

#### G. Best Management Practices

#### 1. Good Site Management "Housekeeping"

- **a.** All demolition/construction machinery, materials and debris (except for when safely secured on barge) will be staged and stored on impervious surfaces landward of the marina bulkhead, and protected from wind/rain erosion and dispersion.
- **b.** All demolition/construction machinery will be maintained and inspected daily for leaks, and any necessary repairs will be made immediately or the machinery will be removed from over the water.
- c. Drip pans and/or plastic sheeting shall be placed under all demolition/construction machinery placed on docks, barges, or other structures over or near coastal waters when the machinery is expected to be idle for more than one hour.
- d. Floating booms will be used to contain all buoyant debris discharged into coastal waters and such debris will be removed as soon as possible but no later than the end of each day (when transporting barge booms need not be used). Divers will be used to retrieve all non-buoyant debris discharged into coastal waters as soon as possible.
- e. A spill response plan and properly stocked spill kits with clean up materials including oil absorbent floating boom will be maintained onsite and on barge at all times during the demolition/construction process. In the event of a spill, proper authorities will be immediately notified.
- f. Silt curtains will be used to control turbidity during the removal/placement of all piles.
- g. Less hazardous products (e.g., vegetable oil) will be used when practical.
- **h.** All demolition/construction debris will be disposed of in a timely manner and in accordance with all laws and regulations.
- i. All associated BMP's and perimeter controls will be inspected and maintained to ensure continuous protection of coastal waters.

## 2. Eelgrass and Caulerpa

- A pre-construction eelgrass survey shall be conducted by a qualified biologist in accordance with the Southern California Eelgrass Mitigation Policy (NOAA Fisheries 2014)
- **b.** A pre-construction *Caulerpa* survey shall be conducted by a qualified biologist in accordance with the *Caulerpa* Control Protocol Version 4 (NOAA Fisheries, 2008).

#### 3. Storm Water

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

## H. On-site Mitigation for Temporary Impacts

- 1. The Permittee shall restore all areas of temporary impacts to waters of the state. Restoration shall include return of disturbed areas to pre-project contours.
- 2. If restoration of temporary impacts to waters of the state is not completed within 90 days of the impacts, compensatory mitigation may be required to offset temporal loss of waters of the state.

Table 3: Required Project Mitigation Quantity for Temporary Impacts							
Aquatic Resource	Mit.	Units Method <sup>6</sup>				*	
Туре	Type <sup>5</sup>	Units	Est.	Pres.			
Ocean/ Bay/ Estuary	PR	Acres			0.00015		

#### I. Compensatory Mitigation for Permanent Impacts<sup>7</sup>

The Permittee shall provide compensatory mitigation for impacts to waters of the State with the removal of a concrete pile approximately (40 ft x 1ft or, approximately, 0.0009 acres) lying on its side along the bottom within the dredge channel near the entrance of Basin One in King Harbor Marina. The pile represents a risk to USACE maintenance dredging operations of the navigation channel and when removed will offset impacts to unvegetated soft bottom within the same localized water body. In addition, a pre-construction eelgrass survey will be conducted in accordance with the Southern California Eelgrass Mitigation Policy (NOAA Fisheries 2014) (Eelgrass Policy) and should eelgrass be disturbed by the Project, the Permittee will replace the eelgrass per the Eelgrass Policy.

#### 1. Permittee-Responsible Compensatory Mitigation Responsibility

**a.** Permittee responsible compensatory mitigation shall be completed within 90 days of authorized impacts.

#### 2. Total Required Compensatory Mitigation

- a. The Permittee is required to provide compensatory mitigation for the authorized permanent impact to Ocean/Bay/Estuary by rehabilitation at a 3:1 area replacement ratio (0.0009 acres).
- **b.** Total required Project compensatory mitigation information for permanent physical loss of area, ecological degradation and temporal loss is summarized in Table 4.

<sup>&</sup>lt;sup>5</sup> Mitigation type for onsite restoration of temporary impacts is Permittee Responsible (PR).

<sup>&</sup>lt;sup>6</sup> Methods: establishment (Est.), reestablishment (Re-est.), rehabilitation (Reh.), enhancement (Enh.), preservation (Pres.). Unknown applies to advance credits with an unknown method and or location.

Ompensatory Mitigation is for permanent physical loss and permanent ecological degradation of a water of the state.

Table 4: Required Project Compensatory Mitigation Quantity								
Aquatic Resource	Comp	Method <sup>6</sup>				Sec. 11.255		
Type	Mit. Type <sup>8</sup>	8 Units Est. Re-est. Reh.		Enh.	Pres.	Unknown		
Ocean/ Bay/ Estuary	PR	Acres			0.0009			

## XIII. Water Quality Certification

I hereby issue the Order for the Apartments at King Harbor, Structural Support Improvements, 4WQC40118019 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

7/30/18

<sup>&</sup>lt;sup>8</sup> Compensatory mitigation type may be: In-Lieu-Fee (ILF); Mitigation Bank (MB); Permittee-Responsible (PR)

Reg Measure ID: 419798 Place ID: 845302

File No: 18-019

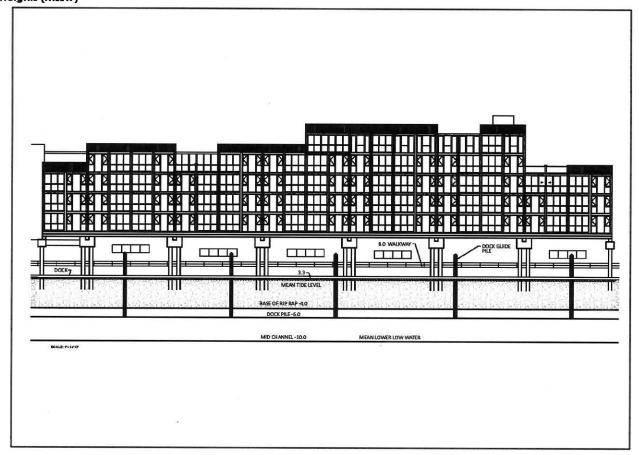
MCL Marina Corporation
King Harbor Marina Apartment Complex Structural Support Improvements Project

Figure 1 Apartment at King Harbor in King Harbor Marina, Redondo Beach, California



Introduction

Figure 2 Plan View of Apartments at King Harbor from the Water Looking towards the Building including Relevant Tidal Heights (MLLW)



Page 2 of

Reg Measure ID: 419798 Place ID: 845302

File No: 18-019

#### 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."

# Copies of this Form

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

# **Report Submittal Instructions**

- 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: Valerie.CarrilloZara@waterboards.ca.gov
  - Include in the subject line of the email: Subject: ATTN: Valerie CarrilloZara; File No: 18-019, Reg. Measure ID: 419798 Report

# **Definition of Reporting Terms**

- 1. <u>Active Discharge Period:</u> 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. <u>Post-Discharge Monitoring Period:</u> The post-discharge monitoring period begins on the date of the Notice of Completion of Discharges Letter and ends on the date of the Notice of Project Complete Letter issued by the Los Angeles Water Board staff. The Post-Discharge Monitoring Period includes continued water quality monitoring or compensatory mitigation monitoring.
- 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. <u>Photo-Documentation:</u> Include a unique identifier, date stamp, written description of photo details, and latitude/longitude (in decimal degrees) or map indicating location of photo. Successive photos should be taken from the same vantage point to compare pre/post construction conditions.

	REPORT ANI	NOTIFICATION COVER SHEET			
Project:	Apartments at k	Apartments at King Harbor, Structural Support Improvements			
Permittee:	MCL Marina Co	MCL Marina Corporation			
Reg. Meas. ID:	419798 Place ID: 845302 File No: 18-019				

	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					

subm imme comp		
Print	t Name <sup>1</sup>	Affiliation and Job Title
Sign	ature	Date
		act in my behalf as my representative in the uest, supplemental information in support of this
	*This Report and Notification Cover Sheet must	
L	representative and included with all written sub-	

# Part A – Project Reporting

Report Type	Annual Report
Report Purpose	Notify the Los Angeles Water Board staff of Project status during both the active discharge and post-discharge monitoring periods.
When to Submit	Annual reports shall be submitted each year on the anniversary of Project effective date. Annual reports shall continue until a Notice of Project Complete Letter is issued to the Permittee.
Report Contents	The contents of the annual report shall include the topics indicated below for each project period. Report contents are outlined in Annual Report Topics below.
	During the Active Discharge Period
	Topic 1: Construction Summary
	Topic 2: Mitigation for Temporary Impacts Status
	Topic 3: Compensatory Mitigation for Permanent Impacts Status
	During the Post-Discharge Monitoring Period
	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> <li>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.</li> <li>Color photos, pre-project and current.</li> <li>Map showing general Project progress.</li> <li>If applicable:         <ul> <li>Summary of any conditional reports sent during the year such as "Accidental Discharge of Hazardous Material Report" or "Accidental Discharge of Hazardous Material Report"</li> <li>Copies of revised permits from other agencies</li> <li>Compilation of all water quality monitoring results for the year in a spreadsheet format.</li> </ul> </li> </ol>
Annual Report Topic 2	Mitigation for Temporary Impacts Status
When to Submit	With the annual report during both the Active Discharge Period and Post-
	Discharge Monitoring Period.

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

# Part B - Project Status Notifications

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

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> <li>Pre- and post-photo documentation of all Project activity sites where the discharge of dredge and/or fill/excavation was authorized.</li> <li>An updated monitoring schedule for mitigation for temporary impacts to waters of the state and permittee responsible compensatory mitigation</li> </ol>
	during the post-discharge monitoring period, if applicable.

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

# Part C – Conditional Notifications and Reports

Report Type	Accidental Discharge of Hazardous Material Report
Report Purpose	Notifies Los Angeles Water Board staff that an accidental discharge of hazardous material has occurred.
When to Submit	Within five (5) working days following the date of an accidental discharge. Continue reporting as required by Los Angeles Water Board staff.
Report Contents	<ol> <li>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.</li> <li>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.</li> <li>Locations and construction specifications of any barriers, including silt curtains or diverting structures, and any associated trenching or anchoring.</li> </ol>

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

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

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

Report Type	Transfer of Property Ownership Report
Report Purpose	Notifies Los Angeles Water Board staff of change in ownership of the Project or Permittee-responsible mitigation area.
When to Submit	At least 10 working days prior to the transfer of ownership.
Report Contents	<ol> <li>A statement that the Permittee has provided the purchaser with a copy of this Order and that the purchaser understands and accepts:         <ul> <li>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</li> <li>b. responsibility for compliance with any long-term BMP¹ maintenance plan requirements in this Order.</li> </ul> </li> <li>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.</li> </ol>
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.

<sup>&</sup>lt;sup>1</sup> Best Management Practices (BMPs) is a term used to describe a type of water pollution or environmental control.