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**North Coast Regional Water Quality Control Board**

September 17, 2014

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In the Matter of

**Water Quality Certification**

for

**Chevron Eureka Terminal Repair Project**  
**WDID No. 1B14050WNHU**

APPLICANT: Scott Parsons, Chevron  
RECEIVING WATER: Humboldt Bay  
HYDROLOGIC UNIT: Eureka Plain Hydrologic Unit 110.00  
COUNTY: Humboldt  
FILE: Chevron Eureka Terminal Repair Project; WDID No. 1B14050WNHU; ECM PIN CW-806719

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BY THE EXECUTIVE OFFICER:

1. On May 27, 2014, Scott Parsons, Chevron (Applicant) filed an application for water quality certification (certification) under section 401 of the Clean Water Act (33 U.S.C. § 1341) with the California Regional Water Quality Control Board, North Coast Region (Regional Water Board) for activities associated with the Chevron Eureka Terminal Repair Project (Project). Information describing the Project was noticed for public comment on the Regional Water Board's website on August 7, 2014. Comments have been incorporated into the certification. The proposed Project will cause disturbances to waters of the United States associated with Humboldt Bay within the Eureka Plain Hydrologic Unit 110.00. The Project is located at approximately 3400 Christie Street, Eureka, Humboldt County, at latitude 40.777956°N, and longitude 124.195984°W. The Project will result in temporary impacts to approximately 300 square feet (0.007 acres) of waters of the U.S., including Bay and Estuary wetlands and Eelgrass beds. No permanent impacts to waters of the U.S. are proposed.

2. The primary purpose of the Project is to repair or replace damaged components of the Chevron Terminal Dock to ensure regulatory compliance with California Code of Regulations Title 24 Part 2 Chapter 31F, Marine Oil Terminal Engineering and Maintenance Standards.

The Project would include replacing wood piles, bracing, decking and hardware above and below the water. As a result of ongoing comprehensive evaluation and inspection of the structure, damaged components have been and will continue to be identified and prioritized to address severe, major, moderate and minor damage. Replacement piles will be the same size as existing pilings not increasing the permanent footprint on the bay floor. During 2014 work approximately 5 Piles will be replaced outside of Eelgrass beds. Between 2015 and 2019 the applicant proposes removal and replacement of approximately 100 pilings over 5 years with an estimation of approximately 25 pilings replaced any single year. The portion of new pilings that will be in contact with bay water will be sealed with Specguard's Marine Grade Polyurea coating to ensure that wood preservatives do not degrade water quality. Removed piles will be stored in containment and disposed of at an appropriately permitted facility.

3. The Chevron Eureka Terminal support piles occupy both open water and intertidal waters including mudflat and Eelgrass bottom types. Impacts to intertidal and subtidal mudflats would be temporary while impacts to Eelgrass beds may recover slower and necessitate compensatory mitigation. The specific wood piles to be replaced each year will be determined by pile condition during annual inspections. The Applicant will conduct Eelgrass surveys before and after construction activities when work may impact Eelgrass beds to determine annual Eelgrass bed impacts. Impacts to Eelgrass beds will be reported annually and if determined permanent, mitigated for each year. Other non-compensatory measures to avoid and minimize impacts proposed include: work schedule measures to minimize increased turbidity in the bay, and Best Management Practices (BMPs) to prevent discharges during and after construction, including containment BMPs for materials that are removed and installed.
4. The Project is planned to take place between approximately August 1 and October 31 each year from 2014 through 2019 with construction work planned to last approximately 2 months each year.
5. The Applicant has applied for authorization from the United States Army Corps of Engineers for a Clean Water Act, section 404. The Applicant has applied to the California Coastal Commission for regulatory coverage.
6. The North Coast Regional Water Quality Control Board, as a Responsible California Environmental Quality Act (CEQA) agency, has determined that the project qualifies for a Categorical Exemption, 15301 (c)(d) Existing Facilities, and will file a Notice of

Exemption with the State Clearinghouse concurrent with issuance of the 401 Water Quality Certification, pursuant to CEQA guidelines.

7. Pursuant to Regional Water Board Resolution R1-2004-0087, Total Maximum Daily Load Implementation Policy Statement for Sediment-Impaired Receiving Waters within the North Coast Region (Sediment TMDL Implementation Policy), the Executive Officer is directed to “rely on the use of all available authorities, including existing regulatory standards, and permitting and enforcement tools to more effectively and efficaciously pursue compliance with sediment-related standards by all dischargers of sediment waste.”
8. The federal antidegradation policy requires that state water quality standards include an antidegradation policy consistent with the federal policy. The State Water Board established California’s antidegradation policy in State Water Board Resolution No. 68-16. Resolution No. 68-16 incorporates the federal antidegradation policy where the federal policy applies under federal law. Resolution No. 68-16 requires that existing quality of waters be maintained unless degradation is justified based on specific findings. The Regional Water Board’s Basin Plan implements, and incorporates by reference, both the State and federal antidegradation policies. This Order is consistent with applicable federal and State antidegradation policies, as it does not authorize the discharge of increased concentrations of pollutants or increased volumes of treated wastewater.
9. This discharge is also regulated under State Water Resources Control Board Order No. 2003-0017-DWQ, "General Waste Discharge Requirements for Dredge and Fill Discharges That Have Received State Water Quality Certification," which requires compliance with all conditions of this water quality certification. (Weblink attached below).

Receiving Water: Humboldt Bay,  
Eureka Plain Hydrologic Unit 110.00

Filled or Excavated Area: Permanent impact to waters of the US:  
None  
Temporary impact to waters of the US:  
300 ft.<sup>2</sup> (0.007) acres wetlands and Eelgrass beds

Dredge Volume: None

Latitude/Longitude: 40.777956°N / 124.195984°W

Expiration: December 31, 2019

Accordingly, based on its independent review of the record, the Regional Water Board certifies that the Chevron Eureka Terminal Repair Project (WDID No.

1B14050WNHU), as described in the application, will comply with sections 301, 302, 303, 306 and 307 of the Clean Water Act, and with applicable provisions of state law, provided that the Applicant complies with the following terms and conditions:

All conditions of this order apply to the Applicant (and all their employees) and all contractors (and their employees), sub-contractors (and their employees), and any other entity or agency that performs activities or work on the project as related to this Water Quality Certification.

1. This certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Water Code section 13330 and title 23, California Code of Regulations, section 3867.
2. This certification action is not intended and shall not be construed to apply to any discharge from 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 title 23, California Code of Regulations, section 3855, subdivision (b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. The validity of this certification is conditioned upon total payment of any fee required under title 23, California Code of Regulations, section 3833, and owed by the Applicant.
4. The Chevron Eureka Terminal support piles occupy both open water and intertidal waters including mudflat and Eelgrass bottom types. Impacts to intertidal and sub-tidal mudflats would be temporary while impacts to Eelgrass beds may recover slower and necessitate compensatory mitigation. The specific wood piles to be replaced each year will be determined by pile condition during annual inspections. The Applicant will conduct Eelgrass surveys before and after construction activities as well as during the growing season when work may impact Eelgrass beds to determine annual Eelgrass bed impacts. Impacts to Eelgrass beds will be reported annually and if determined permanent, mitigated for each year. Surveys and mitigation have been proposed by the Applicant in the *Chevron Terminal Inspection Repairs Project: Eelgrass Mitigation and Monitoring Plan* dated August 28, 2014, and final plan revisions shall be approved By Regional Board Staff before work is conducted in 2015.

Results of annual monitoring of project areas will be reported to the Regional Water Board annually. Reports shall summarize at a minimum Eelgrass data collected throughout the year and any project impacts that would be considered temporary or permanent. Additionally, the applicant shall submit monitoring and reporting data that tracks success of any Eelgrass mitigation necessary. Reports shall include File Name, WDID Number, ECM PIN and submitted electronically to:

[Northcoast@waterboards.ca.gov](mailto:Northcoast@waterboards.ca.gov).

Other non-compensatory measures to avoid and minimize impacts shall include: work schedule measures to minimize increased turbidity in the bay, and Best Management Practices (BMPs) to prevent discharges during and after construction, including containment BMPs for materials that are removed and installed.

5. Applicant shall prioritize the use of wildlife-friendly 100% biodegradable erosion control products/BMPs whenever feasible. For purposes of this Order, photodegradable synthetic products are not considered biodegradable. Applicant shall not use or allow the use of erosion control products that contain synthetic (e.g., plastic or nylon) netting or materials for permanent erosion control (i.e., erosion control materials to be left in place for two years or after the completion date of the Project). If the Applicant finds that erosion control netting or products have entrapped or harmed wildlife, the Applicant shall remove the netting or product and replace it with wildlife-friendly biodegradable products. Applicant shall remove any remaining synthetic netting or materials remaining at the end of two years, or sooner.
6. BMPs shall be implemented as proposed in the application materials. BMPs for erosion, sediment and turbidity control shall be implemented and in place at commencement of, during and after any ground clearing activities or any other Project activities that could result in erosion or sediment discharges to surface water. Severe and unseasonal rain events are becoming more frequent due to the effects of climate change. Therefore, BMPs shall be immediately available for deployment at all times to prevent discharges to waters of the state.
7. No debris, soil, silt, sand, bark, slash, sawdust, rubbish, cement or concrete washings, oil or petroleum products, or other organic or earthen material from any construction or associated activity of whatever nature, other than that authorized by this Order, shall be allowed to enter into or be placed where it may be washed by rainfall into waters of the State. When operations are completed, any excess material or debris shall be removed from the work area.
8. The Applicant shall provide Regional Water Board staff access to the Project site to document compliance with this certification.
9. If, at any time, an unauthorized discharge to surface water (including wetlands, lakes, rivers or streams) occurs, or any water quality problem arises, the associated Project activities shall cease immediately until adequate BMPs are implemented including stopping work. The Regional Water Board shall be notified promptly and in no case more than 24 hours after the unauthorized discharge or water quality problem arises.
10. Prior to implementing any change to the Project that may have a significant or material effect on the findings, conclusions, or conditions of this Order, the Applicant shall obtain the written approval of the Regional Water Board Executive Officer. If the Regional Water Board is not notified of a significant alteration to the Project, it will be

considered a violation of this Order, and the Applicant may be subject to Regional Water Board enforcement action(s).

11. All Project work shall be conducted as described in this Order and in the application submitted by the Applicant, and shall comply with all applicable water quality standards as detailed in the Basin Plan. If the Regional Water Board is not notified of a significant alteration to the Project, it will be considered a violation of this Order, and the Applicant may be subject to Regional Water Board enforcement actions.
12. The Applicant shall provide a copy of this Order and State Water Resources Control Board (SWRCB) Order No. 2003-0017-DWQ to any contractor(s), subcontractor(s), and utility company(ies) conducting work on the Project, and shall require that copies remain in their possession at the work site. The Applicant shall be responsible for ensuring that all work conducted by its contractor(s), subcontractor(s), and utility companies is performed in accordance with the information provided by the Applicant to the Regional Water Board.
13. Disturbance or removal of existing vegetation shall not exceed the minimum necessary to complete the Project.
14. Fueling, lubrication, maintenance, storage, and staging of vehicles and equipment shall not result in a discharge or threatened discharge to any waters of the State including dry portions of the shoreline. At no time shall the Applicant or its contractors allow use of any vehicle or equipment, which leaks any substance that may impact water quality.
15. The Regional Water Board may add to or modify the conditions of this Order, as appropriate, to implement any new or revised water quality standards and implementation plans adopted and approved pursuant to the Porter-Cologne Water Quality Control Act or section 303 of the Clean Water Act.
16. 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 applicable state or federal law. For the purposes of section 401(d) of the Clean Water Act, the applicability of any state law authorizing remedies, penalties, process 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. In response to a suspected violation of any condition of this certification, the State Water Board may require the holder of any federal permit or license subject to this Order to furnish, under penalty of perjury, any technical or monitoring reports the State Water Board deems appropriate, provided that the burden, including costs, of the reports shall bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports. In response to any violation of the conditions of this

Order, the Regional Water Board may add to or modify the conditions of this Order as appropriate to ensure compliance.

17. In the event of any change in control of ownership of land presently owned or controlled by the Applicant, the Applicant shall notify the successor-in-interest of the existence of this Order by letter and shall email a copy of the letter to the following email address: [NorthCoast@waterboards.ca.gov](mailto:NorthCoast@waterboards.ca.gov)

To discharge dredged or fill material under this Order, the successor-in-interest must email the Regional Water Board Executive Officer at: [NorthCoast@waterboards.ca.gov](mailto:NorthCoast@waterboards.ca.gov) a written request for transfer of the Order. The request must contain the requesting entity's full legal name, the state of incorporation if a corporation, and the address and telephone number of the person(s) responsible for contact with the Regional Water Board.

The request must also describe any changes to the Project proposed by the successor-in-interest or confirm that the successor-in-interest intends to implement the Project as described in this Order. Except as may be modified by any preceding conditions, all certification actions are contingent on: a) the discharge being limited to and all proposed mitigation being completed in strict compliance with the Applicant's Project description, and b) compliance with all applicable requirements of the Water Quality Control Plan for the North Coast Region (Basin Plan).

18. The authorization of this certification for any dredge and fill activities expires on December 31, 2019. Conditions and monitoring requirements outlined in this Order are not subject to the expiration date outlined above, and remain in full effect and are enforceable.

If you have any questions or comments, please call Gil Falcone at (707) 576-2830 or Stephen Bargsten at (707) 576-2653.

Original Signed By David Leland For

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Matthias St. John  
Executive Officer

140917\_ChevronEurekaTerminalRepair\_401

Weblink: State Water Resources Control Board Order No. 2003-0017 -DWQ, General Waste Discharge Requirements for Dredge and Fill Discharges That Have Received State Water Quality Certification can be found at:  
[http://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2003/wqo/wqo2003-0017.pdf](http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0017.pdf)

Original to: Mr. Scott Parsons, Chevron, 3400 Christie Street, Eureka, CA 95501

Electronic

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