
North Coast Regional Water Quality Control Board

September 29, 2015

**In the Matter of
Water Quality Certification**

for the

**Dennis Leonardi Property Bank Slope Stabilization Project
WDID No. 1B15120WNHU**

APPLICANT: Dennis Leonardi

RECEIVING WATER: Francis Creek

HYDROLOGIC UNIT: Eel River Hydrologic Unit 111.11

COUNTY: Humboldt

FILE: Dennis Leonardi Property Bank Slope Stabilization Project, ECM PIN CW-817835

BY THE EXECUTIVE OFFICER:

1. On September 2, 2015, Dennis Leonardi (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 Dennis Leonardi Property Bank Slope Stabilization Project (Project).
2. Information describing the project was noticed for public comment on the Regional Water Board's website on September 29, 2015. Under Title 23, California Code of Regulations, Section 3858(a): "The executive director or the executive officer with

whom an application for certification is filed shall provide public notice of an application at least twenty-one (21) days before taking certification action on the application, unless the public notice requirement has been adequately satisfied by the applicant or federal agency. If the applicant or federal agency provides public notice, it shall be in a manner and to an extent fully equivalent to that normally provided by the certifying agency. If an emergency requires that certification be issued in less than 21 days, public notice shall be provided as much in advance of issuance as possible, but no later than simultaneously with issuance of certification." Due to the risk of impacts to the existing structure due to flooding and further bank failure if work is not completed prior to fall precipitation, the 401 Water Quality Certification will be issued during the 21-day public comment period, so that the project can start as soon as possible. Public comments will still be accepted and reviewed during the entire 21-day comment period.

3. The proposed Project will cause disturbances to waters of the United States associated with the Francis Creek within the Eel River Hydrologic Unit No. 111.11. The Project is located at 116 Francis Street, Ferndale, Humboldt County, at latitude 40.5748°N, and longitude 124.2663°W. The Project will result in permanent impacts to approximately 25 linear feet of Francis Creek, waters of the U. S.
4. The primary purpose of the Project is to replace the existing failed bank stabilization retaining wall below intact gabion retaining structures that protect a residential structure. The Applicant proposes to implement Rock Slope Protection (RSP) and bioengineering to stabilize the failing bank.

The proposed Project would include disturbance to approximately 25 linear feet of Francis Creek by removing the failed retaining wall and wing wall, keying in RSP at the toe of the slope, placing RSP up the slope with "live staked" native willow plantings along the bank of the channel. The project includes installation of a BMP to avoid sediment from discharging into the Francis Creek during construction activities.

5. The Project is planned to take place in September and/or October of 2015 with construction work planned to last approximately two weeks.
6. The Project includes mitigation for the impacts to waters of the US including implementation of bioengineering with installation of native riparian planting among the RSP and at the top of bank to enhance slope stability and aquatic functions. Best Management Practices for sediment and turbidity control, operation of heavy equipment near a river, as well as, aquatic species and habit protection are proposed to avoid and minimize temporary impacts.
7. The Applicant has applied for authorization from the United States Army Corps of Engineers for a Clean Water Act, section 404 (Nationwide Permit No. 13). The

Applicant has applied to the California Department of Fish and Wildlife to obtain a Streambed Alteration Agreement (LSAA# 1600-2015-0146-R1).

8. The North Coast Regional Water Quality Control Board, as lead California Environmental Quality Act (CEQA) agency, has determined that the project qualifies for a Categorical Exemption, 15301 (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.
9. The Eel River is identified as impaired for sediment and temperature under Clean Water Act Section 303(d). Bank erosion is identified as a source contributing to the sediment impairment. Removal of riparian vegetation is identified as a source contributing to temperature impairment. Activities that will be authorized by this Order are designed to reduce removal of riparian vegetation and reduce sediment discharges from bank erosion. Accordingly, this Order is consistent with, and implements, BMPs that would attenuate sediment and temperature adverse impacts.
10. 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."
11. 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.
12. 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 provided below).

Receiving Water: Eel River,
Eel River Hydrologic Unit No. 111.11

Filled or Excavated Area: Permanent impact to waters of the US:
25 linear feet creek bed and bank

Latitude/Longitude: 40.5748°N / 124.2663°W

Expiration: September 29, 2020

Accordingly, based on its independent review of the record, the Regional Water Board certifies that the Dennis Leonardi Property Bank Slope Stabilization Project (WDID No. 1B15120WNHU), 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. A "Low impact discharge" fee of \$200 was received for this project on September 2, 2015. This certification will not be subject to annual billing during the construction phase ("Annual Active Discharge Fee") nor during the monitoring phase of the project ("Annual Post Discharge Monitoring Fee"), per the current fee schedule, which can be found on our website:
http://www.swrcb.ca.gov/northcoast/water_issues/programs/water_quality_certification.shtml

The applicant must notify the Regional Water Board of the end of the construction phase of the project. This notification shall include photo documentation of bank RSP plantings and top of bank native plantings as well as an inventory of types and number of plants installed. This report may be used by the city of Ferndale to verify success criteria when they conduct annual monitoring. Regional Water Board staff may request site visits at the end of the project to confirm status of project and compliance with this Order.

5. Compensatory mitigation shall include implementation of bioengineering with installation of native riparian planting among the RSP on the bank slope and at the top of bank to enhance slope stability and aquatic functions. Project mitigation includes approximately 25 linear feet of creek channel.

Results of annual monitoring of the mitigation plantings will be reported to the Regional Water Board annually for at least 5 years or until success criteria are met beginning December 31, 2015. The Applicant shall report on completion of construction and bioengineering and top of bank plantings as the first report due by the end of 2015. Reports shall summarize data collected, annual performance, any remedial action necessary and whether success criteria of 85% survival after 5 years are met. If irrigation is necessary to establish native plantings, irrigation must cease and plantings shall be self-sustaining for at least two years prior to success criteria being met.

6. Only wildlife-friendly, 100 percent biodegradable erosion and sediment control products that will not entrap or harm wildlife shall be used. Erosion and sediment control products shall not contain synthetic (e.g., plastic or nylon) netting. Photodegradable synthetic products are not considered biodegradable. The applicant shall request approval from the Regional Water Board if an exception from this requirement is needed for a specific location.
7. 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.
8. 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.

9. The Applicant shall provide Regional Water Board staff access to the Project site to document compliance with this certification.
10. 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.
11. 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).
12. 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.
13. 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.
14. Disturbance or removal of existing vegetation shall not exceed the minimum necessary to complete the Project.
15. 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.
16. 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.

17. 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.
18. 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

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 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).

19. The authorization of this certification for any dredge and fill activities expires on September 29, 2020. 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.

Matthias St. John
Executive Officer

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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

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