
North Coast Regional Water Quality Control Board

March 7, 2016

In the Matter of
Water Quality Certification
for
Humboldt County DPW – Centerville Road PM 2.50 Roadway Restoration Project
WDID No. 1B15073WNHU

APPLICANT: Humboldt County Public Works Department
RECEIVING WATER: Russ Creek
HYDROLOGIC UNIT: Eel River Hydrologic Unit No. 111.11
COUNTY: Humboldt
FILE: Humboldt County DPW – the Centerville Road PM 2.50
Roadway Restoration Project, ECM PIN CW- 816131

FINDINGS BY THE EXECUTIVE OFFICER:

1. On July 22, 2015, the Humboldt County Public Works Department (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 Centerville Road PM 2.50 Roadway Restoration Project (Project). Information describing the Project was noticed for public comment on the Regional Water Board's website on November 9, 2015. We received no comments. The proposed Project will cause disturbances to jurisdictional waters associated with Russ Creek in the Eel River Hydrologic Unit No. 111.11. The Project is located on Centerville Road at Post Mile (PM) 2.50 near Ferndale, Humboldt County, at latitude 40.582172°N, and longitude 124.316258°W. Permanent impacts to waters of the U.S. include approximately 48 linear feet of creek bed and bank. No temporary impacts are proposed for this Project.

2. The primary purpose of the Project is to stabilize an eroding bank along the existing roadway. The proposed Project would include work within the creek when water is present. Fish exclusion will be conducted prior to construction along with installation of sediment control devices to ensure no sediment is discharged into the creek during construction. The Project includes plans to use a vibratory hammer to install sheet piles to retain sediment along 48 linear feet of the creek bed and bank. The Project also includes plans to place and secure gabion rock baskets on top of the sheet pile wall to meet or exceed 100-year flood elevations. No riparian vegetation is proposed to be removed.
3. The Project is planned to begin between 2016 and 2018 (between July 15 and October 31 each year) with construction work planned to last approximately 30 days. The Project start date is dependent on Federal Highway Administration funding.
4. The proposed Project includes a plan to revegetate disturbed areas and plant additional willows and alders on the bank and top of bank to enhance the riparian area. Plantings are proposed outside of road safety maintenance areas and spanning approximately 75 linear feet of the creek. Monitoring and reporting are also proposed to show success of plantings. The Applicant proposes to employ best management practices to prevent or reduce any discharges during and after construction.
5. The Applicant has applied for authorization from the United States Army Corps of Engineers for a Clean Water Act, section 404, Nationwide Permit No. 3. The Applicant has applied to the California Department of Fish and Wildlife to obtain a Streambed Alteration Agreement.
6. 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 (c) 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. 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 certification 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.
8. 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.”

9. 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 certification 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.
10. 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:	Russ Creek, Eel River Hydrologic Unit No. 111.11
Filled or Excavated Area:	Permanent impact to waters of the US: 48 linear feet of creek bed and bank Temporary impact to waters of the US: None
Latitude/Longitude:	40.582172°N / 124.316258°W
Expiration:	March 7, 2021

Accordingly, based on its independent review of the record, the Regional Water Board certifies that the Centerville Road PM 2.50 Roadway Restoration Project (WDID No. 1B15073WNHU), 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 certification 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.

TERMS AND CONDITIONS:

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 July 22, 2015. This certification will *NOT* be subject to annual billing during the construction phase ("Annual Active Discharge Fee") or during any 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.
5. The Applicant shall implement the design plan to revegetate disturbed areas and plant willows and alders on the bank and top or bank to enhance the riparian area. Plantings shall be outside of road safety maintenance areas and spanning approximately 75 linear feet of the creek. The Applicant shall submit a report to Regional Water Board staff no later than May 31, following the completion of construction and plantings to demonstrate the project was implemented in accordance with the project description. The applicant shall also submit a report two years after the report of completion to show that plant success criteria of 85% are met. Both reports shall also include photo points showing any impact the sheet pile wall may have on creek flow or scour including same bank and opposite bank. The reports shall be submitted to the following email address:
NorthCoast@waterboards.ca.gov.
6. The Regional Water Board shall be notified at least five working days (working days are Monday – Friday) prior to the commencement of activities covered under this water quality certification.

7. 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.
8. 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.
9. 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 certification, 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.
10. The Applicant shall provide Regional Water Board staff access to the Project site to document compliance with this certification.
11. 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.
12. Prior to implementing any change to the Project that may be a material change as defined in California Water Code section 13260(c) as a proposed change in character, location, or volume of the discharge, the Applicant shall obtain prior written approval of the Regional Water Board Executive Officer. If the Regional Water Board is not notified of the material change to the discharge, it will be considered a violation of this certification, and the Applicant may be subject to Regional Water Board enforcement action(s).
13. All Project work shall be conducted as described in this certification 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 certification, and the Applicant may be subject to Regional Water Board enforcement actions.

14. The Applicant shall provide a copy of this certification 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.
15. Disturbance or removal of existing vegetation shall not exceed the minimum necessary to complete the Project.
16. 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.
17. The Regional Water Board may add to or modify the conditions of this certification, 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.
18. In the event of any violation or threatened violation of the conditions of this certification, 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 certification. 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 certification 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 certification, the Regional Water Board may add to or modify the conditions of this certification as appropriate to ensure compliance.
19. 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 certification by letter and shall email a copy of the letter to the following email address: NorthCoast@waterboards.ca.gov.

The successor-in-interest must email the Regional Water Board Executive Officer at: NorthCoast@waterboards.ca.gov to request authorization to discharge dredged or fill material under this certification. The request must contain the following:

- i) Effective date of ownership change;
 - ii) Requesting entity's full legal name;
 - iii) The state of incorporation, if a corporation;
 - iv) The address and phone number of contact person; and
 - v) A description of any changes to the Project or confirmation that the successor-in-interest intends to implement the project as described in this certification.
20. The authorization of this certification for any dredge and fill activities expires on March 7, 2021. Conditions and monitoring requirements outlined in this certification 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

Original to: Mr. Andrew Bundschuh, Humboldt County Department of Public Works, 1106 Second Street, Eureka, CA 95501

cc: Holly Costa, US Army Corps of Engineers, holly.n.costa@usace.army.mil
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