



California Regional Water Quality Control Board
North Coast Region
Geoffrey M. Hales, Chairman



Matt Rodriguez
Secretary for
Environmental Protection

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Edmund G. Brown Jr.
Governor

September 15, 2011

In the Matter of
Water Quality Certification

for

Crane Creek Fish Habitat Improvement Project
WDID No. 1B09028WNSO

APPLICANT: Mr. Douglas Lipton and Ms. Cynthia Daniel, and Mr. Ronald Wollmer and Mrs. Pamela Wollmer
RECEIVING WATER: Crane Creek
HYDROLOGIC AREA: Warm Springs Hydrologic Subarea No. 114.24, Russian River Hydrologic Area 114.00
COUNTY: Sonoma County
FILE NAME: Crane Creek Fish Habitat Improvement Project

BY THE EXECUTIVE OFFICER:

1. On March 12, 2009, the North Coast Regional Water Quality Control Board (Regional Water Board) received an application from Ms. Kara Heckert of the Sotoyome Resource Conservation District on behalf of Mr. Douglas Lipton and Ms. Cynthia Daniel, and Mr. Ronald Wollmer and Mrs. Pamela Wollmer (applicant), requesting Federal Clean Water Act, Section 401, Water Quality Certification (certification) for activities associated with the Crane Creek Fish Habitat Improvement Project (project). The Regional Water Board provided public notice of the application pursuant to title 23, California Code of Regulations, section 3858 on August 22, 2011, and posted information describing the Project on the Regional Water Board's website. No comments were received. The project will cause disturbances to approximately 0.01 acres, 151 linear feet, of waters of the United States and waters of the State.
2. The project is located at 4000 & 4250 West Dry Creek Road, Healdsburg, latitude 38.64944°N, longitude 122.925278°W, in Sonoma County.

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3. The primary purpose of the proposed project is to improve salmon habitat and passage along Crane Creek.
4. The project will enhance five step-pools in a bedrock waterfall along a 137 foot reach of Crane Creek. The extreme lower portion of this reach of Crane Creek is severely incised, increasing stream velocities. The most severe area of down-cutting is in the downstream—most 100 yards of stream length, up to the point of the bedrock waterfall which presents a partial or complete barrier to salmonids depending on flows, species, and life stage. The project proposes to use hand-held jackhammers to deepen and widen the existing five step-pools along the waterfall to create hydraulic conditions that will improve fish passage for adult salmonids and provide summer rearing habitat to out-migrating juveniles. The design will follow the existing bedrock chute and will leave a majority of the existing bedrock waterfall in place. Winter base flows will be contained in the modified bedrock step-pool chute, while larger storm flows will spill over the waterfall as in the current condition.
5. Work will be done by hand crews with jackhammers and an excavator working from the top of the right stream bank to facilitate transporting the excavated material. The improvements to the pools will not require any bank grading or disturbance of trees. In addition to the pool enhancement, the project will remove approximately five cubic yards of concrete blocks/slabs that are currently positioned on the left bank in between pools 1 and 2. The concrete will be removed with an excavator working on the top of the left bank adjacent to the work area.
6. The project will improve salmonid habitat and passage; thus, no compensatory mitigation is required.
7. Construction is planned for the late summer during low creek flows. If there is water encountered within the work areas, appropriate methods will be taken to dewater the work area, and discharge the water to an upland area, or to bypass water around the work area back to the creek. Construction is planned for a total of two weeks and is tentatively expected to take place in September and October, 2011.
8. Non-compensatory mitigation measures include the use of Best Management Practices (BMPs) to be employed during construction to minimize sediment production and prevent the movement of loose soil off-site. All erosion control measures will be installed and in place by October 15, or during non-construction periods as necessary, and maintained thereafter by the contractor/Applicant. All disturbed soil will be revegetated with native species or seeded with native grasses. If vegetation cannot be reestablished before expected rainfall, mulching,

erosion control fabric, or other sediment control measures will be implemented to prevent delivery of sediment to the river. All equipment will be maintained in good working order, shall be steam cleaned if working within the creek, and spill kits will be on hand during construction. Equipment shall not be staged, or fueled, near waters of the State. Additionally, all required BMPs shall be on-site and ready for timely deployment before the start of construction activities.

9. The Applicant has applied to the California Department of Fish and Game for a Lake and Streambed Alteration Agreement (No. 1600-2009-0094-R3).
10. The applicant has applied for authorization from the U.S. Army Corps of Engineers (File No. 2009-00190N) to perform the project pursuant to Clean Water Act, section 404.
11. On August 18, 2011, The Sotoyome Resource Conservation District submitted a Mitigated Negative Declaration to the State Clearinghouse (No. 2011082046) for the project pursuant to CEQA guidelines. The Regional Water Board has reviewed and considered the environmental document and any proposed changes incorporated into the project are required as a condition of approval to avoid significant effects to the environment.

Because the Project involves construction that may adversely affect waters of the State, the Regional Water Board has regulatory jurisdiction under Water Code Section 13269.

Receiving Water: Crane Creek; Warm Springs Hydrologic Subarea No. 114.25, Russian River Hydrologic Area 114.00.

Filled or Excavated Area: Permanent impacts to 0.01 acres, 151 linear feet, of stream bank

Latitude/Longitude: 38.649444°N, 122.925278°W

Accordingly, based on its independent review of the record, the Regional Water Board certifies that the Crane Creek Fish Habitat Improvement Project (WDID No. 1B09028WNSO), 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:

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. This certification is conditioned upon total payment of any fee required under title 23, California Code of Regulations, section 2200, and owed by the Applicant.
4. The Russian River is identified as impaired on the Clean Water Act Section 303(d) list. The Russian River is listed as impaired for sediment and temperature. At present, total maximum daily loads (TMDLs) have not been established for this water body. If TMDLs are established and implementation plans are adopted for this watershed prior to the expiration date of this Order, the Regional Water Board may revise the provisions of this Order to address actions identified in such action plans. Roads and bank erosion are identified as sources contributing to the sediment impairment. Removal of riparian vegetation is identified as a source contributing to temperature impairment. Actions authorized by this Order require implementation of Best Management Practices (BMPs) for sediment control and replacement of disturbed riparian zone shade vegetation at the project site. Accordingly, this Order is consistent with, and implements BMPs that would attenuate sediment and temperature adverse impacts.
5. 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.”
6. 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.

7. Applicant shall prioritize use of wildlife-friendly 100% biodegradable erosion control products/BMPs wherever 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. The Applicant shall not use or allow the use of soil stabilization products that contain synthetic materials within waters of the United States or waters of the State at any time. Applicant shall remove any remaining synthetic netting or materials remaining at the end of two years, or sooner.
8. Work in the stream channel shall be confined to the low flow season, between September 10 and October 31, and is expected to take approximately two weeks. Work period may be extended by permission of the Executive Officer.
9. The Regional Water Board shall be notified prior to the commencement of ground disturbing activities, with details regarding the construction schedule, in order to allow staff to be present onsite during construction, and to answer any public inquiries that may arise regarding the project.
10. 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. No rubbish shall be deposited within 150 feet of the high water mark of any stream.
11. 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.
12. A copy of this Order and the application documents submitted by the Applicant for this certification shall be provided to all contractors and subcontractors conducting the work, and shall be in their possession at the work site.
13. If, at any time, an unauthorized discharge to surface water (including wetlands, rivers or streams) occurs, or any water quality problem arises, the associated project activities shall cease immediately until adequate BMPs are implemented.

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.

14. Disturbance or removal of vegetation shall not exceed the minimum necessary to complete the project.
15. 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.
16. All project work shall be conducted as described in this Order and in the application submitted by the Applicant. 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.
17. 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.
18. The Applicant shall provide Regional Water Board staff access to the project site to document compliance with this certification.
19. 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 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 Regional 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 Regional 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.
20. 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 forward a copy of the letter to the Regional Water Board at the above address.

To discharge dredged or fill material under this Order, the successor-in-interest must send to the Regional Water Board Executive Officer 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.

21. 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).
22. The authorization of this certification for any dredge and fill activities expires on September 15, 2016. 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 Stephen Bargsten at (707) 576-2653.

Catherine Kuhlman
Executive Officer

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Web link: 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 may be found at:
http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0017.pdf

Original to: Douglas Lipton & Cynthia Daniel, PO Box 966,
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California Environmental Protection Agency

Ronald & Pamela Wollmer, PO Box 2555, Santa Rosa, CA 95404

Copy to: Ms. Kara Heckert, Sotoyome RCD, PO Box 11526,
Santa Rosa, CA 95406