



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

900 North Skyline, Suite B • Idaho Falls, ID 83402 • (208) 528-2650

C. L. "Butch" Otter, Governor
Curt A. Fransen, Director

July 7, 2014

Ms. Lindsay Barretto
Idaho Power Company
PO Box 70
1221 W. Idaho St.
Boise, Idaho 83702

RE: NWW-00174-I02

Dear Ms. Barretto

Enclosed, please find the final §401 water quality certification for the above referenced project. The 401 process requires a public notice of 21-days. The comment period closed on August July 3, 2014. After considering public comments, we are pleased to issue this final certification.

If you have any questions or concerns, please do not hesitate to contact me at 208.528.2650 or troy.saffle@deq.idaho.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Troy Saffle".

Troy Saffle
Regional Manager
Idaho Falls Regional office

c: James Joyner, ACOE
Miranda Adams, TRIM Reference only



Idaho Department of Environmental Quality Final §401 Water Quality Certification

July 7, 2014

404 Permit Application Number: NWW-00174-I02 / Pahsimeroi Bank Stabilization Project

Applicant/Authorized Agent: Idaho Power / Lindsay Barretto

Project Location: 44.6213, -113.9844

Receiving Water Body: Pahsimeroi River

Pursuant to the provisions of Section 401(a)(1) of the Federal Water Pollution Control Act (Clean Water Act), as amended; 33 U.S.C. Section 1341(a)(1); and Idaho Code §§ 39-101 et seq. and 39-3601 et seq., the Idaho Department of Environmental Quality (DEQ) has authority to review activities receiving Section 404 dredge and fill permits and issue water quality certification decisions.

Based upon its review of the joint application for permit, received on May 15, 2014, DEQ certifies that if the permittee complies with the terms and conditions imposed by the permit along with the conditions set forth in this water quality certification, then there is reasonable assurance the activity will comply with the applicable requirements of Sections 301, 302, 303, 306, and 307 of the Clean Water Act, the Idaho Water Quality Standards (WQS) (IDAPA 58.01.02), and other appropriate water quality requirements of state law.

This certification does not constitute authorization of the permitted activities by any other state or federal agency or private person or entity. This certification does not excuse the permit holder from the obligation to obtain any other necessary approvals, authorizations, or permits.

Project Description

The purpose of the project is to stabilize and re-vegetate a section of eroding stream bank upstream of the surface water intake to the upper Pahsimeroi Fish Hatchery. Stabilization measures are designed to stop ongoing erosion processes and the risk of channel avulsion while strengthening vegetative cover and enhancing fish habitat.

Antidegradation Review

The WQS contain an antidegradation policy providing three levels of protection to water bodies in Idaho (IDAPA 58.01.02.051).

- Tier 1 Protection. The first level of protection applies to all water bodies subject to Clean Water Act jurisdiction and ensures that existing uses of a water body and the level of water quality necessary to protect those existing uses will be maintained and protected (IDAPA 58.01.02.051.01; 58.01.02.052.01). Additionally, a Tier 1 review is performed for all new or reissued permits or licenses (IDAPA 58.01.02.052.07).
- Tier 2 Protection. The second level of protection applies to those water bodies considered high quality and ensures that no lowering of water quality will be allowed unless deemed necessary to accommodate important economic or social development (IDAPA 58.01.02.051.02; 58.01.02.052.08).
- Tier 3 Protection. The third level of protection applies to water bodies that have been designated outstanding resource waters and requires that activities not cause a lowering of water quality (IDAPA 58.01.02.051.03; 58.01.02.052.09).

DEQ is employing a water body by water body approach to implementing Idaho's antidegradation policy. This approach means that any water body fully supporting its beneficial uses will be considered high quality (IDAPA 58.01.02.052.05.a). Any water body not fully supporting its beneficial uses will be provided Tier 1 protection for that use, unless specific circumstances warranting Tier 2 protection are met (IDAPA 58.01.02.052.05.c). The most recent federally approved Integrated Report and supporting data are used to determine support status and the tier of protection (IDAPA 58.01.02.052.05).

Pollutants of Concern

The primary pollutant of concern for this project is sediment. As part of the Section 401 water quality certification, DEQ is requiring the applicant comply with various conditions to protect water quality and to meet Idaho WQS, including the water quality criteria applicable to sediment.

Receiving Water Body Level of Protection

This project is located on Pahsimeroi River within the Pahsimeroi Subbasin assessment unit (AU) ID17060202SL001_05 (Pahsimeroi River – Patterson Creek to mouth). This AU has the following designated beneficial uses: cold water aquatic life, salmonid spawning, primary contact recreation and domestic water supply. In addition to these uses, all waters of the state are protected for agricultural and industrial water supply, wildlife habitat, and aesthetics (IDAPA 58.01.02.100).

The cold water aquatic life use in this Pahsimeroi River AU is not fully supported due to excess sediment and temperature (2010 Integrated Report). The primary contact recreation beneficial use is fully supported. As such, DEQ will provide Tier 1 protection only for the aquatic life use and Tier 2 protection, in addition to Tier 1, for the recreation beneficial use (IDAPA 58.01.02.051.02; 58.01.02.051.01).

Protection and Maintenance of Existing Uses (Tier 1 Protection)

As noted above, a Tier 1 review is performed for all new or reissued permits or licenses, applies to all waters subject to the jurisdiction of the Clean Water Act, and requires demonstration that

existing uses and the level of water quality necessary to protect existing uses shall be maintained and protected. The numeric and narrative criteria in the WQS are set at levels that ensure protection of designated beneficial uses.

Water bodies not supporting existing or designated beneficial uses must be identified as water quality limited, and a total maximum daily load (TMDL) must be prepared for those pollutants causing impairment. DEQ drafted TMDLs for the Pahsimeroi Subbasin in 2000 and completed additional TMDLs and a 5 Year Review in 2013.

During the construction phase, the applicant will implement, install, maintain, monitor, and adaptively manage best management practices (BMPs) directed toward reducing erosion and minimizing turbidity levels in receiving water bodies downstream of the project. In addition, permanent erosion and sediment controls will be implemented, which will minimize or prevent future sediment contributions from the project area. As long as the project is conducted in accordance with the provisions of the project plans, Section 404 permit, and conditions of this certification, then there is reasonable assurance the project will comply with the state's numeric and narrative criteria. These criteria are set at levels that protect and maintain designated and existing beneficial uses. In addition, the project will be consistent with the *Pahsimeroi River Subbasin Assessment and TMDLs* and *The Pahsimeroi River 5 Year Review and TMDLs*. This project will comply with the goals of the TMDLs for the river by minimizing sediment delivery to the river during construction, through the use of a coffer dam and dewatering system. After the project is complete, long term sediment and temperature reductions should be realized as a result of the re-vegetated and stabilized stream bank, and additional shade provided by the maturing vegetation.

There is no available information indicating the presence of any existing beneficial uses aside from those that are already designated and discussed above; therefore, the permit ensures that the level of water quality necessary to protect both designated and existing uses is maintained and protected in compliance with the Tier 1 provisions of Idaho's WQS (IDAPA 58.01.02.051.01 and 58.01.02.052.07).

High-Quality Waters (Tier 2 Protection)

The Pahsimeroi River is considered high quality for primary contact recreation. As such, the water quality relevant to primary contact recreation uses of the Pahsimeroi River must be maintained and protected, unless a lowering of water quality is deemed necessary to accommodate important social or economic development.

To determine whether degradation will occur, DEQ must evaluate how the permit issuance will affect water quality for each pollutant that is relevant to primary contact recreation uses of the Pahsimeroi River (IDAPA 58.01.02.052.06). These pollutants include the following: sediment. The only pollutant of concern for this project is sediment. Sediment is not relevant to recreational uses. Therefore, this project will not result in a lowering of water quality with respect to any pollutant relevant to the Tier 2 protection for this water body. As such, the project complies with IDAPA 58.01.02.051.02 and IDAPA 58.01.02.052.06.

Permanent erosion and sediment controls must be implemented, which will minimize or prevent future sediment contributions from the project area. Although this project may result in minimal short-term sediment impacts to the water body, DEQ does not expect long-term impacts or

degradation to the Pahsimeroi River – Patterson Creek to mouth AU or the Pahsimeroi River. Therefore, DEQ concludes that this project complies with the Tier 2 provisions of Idaho’s WQS (IDAPA 58.01.02.051.02 and IDAPA 58.01.02.052.06).

Conditions Necessary to Ensure Compliance with Water Quality Standards or Other Appropriate Water Quality Requirements of State Law

General Conditions

1. This certification is conditioned upon the requirement that any modification (e.g., change in BMPs, work windows, etc.) of the permitted activity shall first be provided to DEQ for review to determine compliance with Idaho WQS and to provide additional certification pursuant to Section 401. Such modifications may not be implemented until DEQ has determined whether additional certification is necessary.
2. DEQ reserves the right to modify, amend, or revoke this certification if DEQ determines that, due to changes in relevant circumstances—including without limitation, changes in project activities, the characteristics of the receiving water bodies, or state WQS—there is no longer reasonable assurance of compliance with WQS or other appropriate requirements of state law.
3. If ownership of the project changes, the certification holder shall notify DEQ, in writing, upon transferring this ownership or responsibility for compliance with these conditions to another person or party. The new owner/operator shall request, in writing, the transfer of this water quality certification to his/her name.
4. A copy of this certification must be kept on the job site and readily available for review by any contractor working on the project and any federal, state, or local government personnel.
5. Project areas shall be clearly identified in the field prior to initiating land-disturbing activities to ensure avoidance of impacts to waters of the state beyond project footprints.
6. The applicant shall provide access to the project site and all mitigation sites upon request by DEQ personnel for site inspections, monitoring, and/or to ensure that conditions of this certification are being met.
7. The applicant is responsible for all work done by contractors and must ensure the contractors are informed of and follow all the conditions described in this certification and the Section 404 permit.

Vegetation Protection and Restoration

1. Disturbance of existing wetlands and native vegetation shall be kept to a minimum.
2. To the maximum extent practical, staging areas and access points should be placed in open, upland areas.
3. Fencing and other barriers should be used to mark the construction areas.

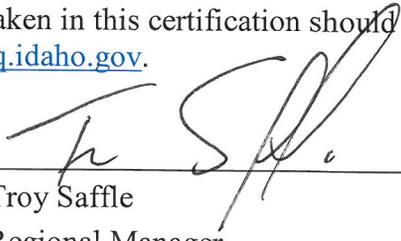
Required Notification

The permittee must notify Troy Saffle of the Idaho Falls Regional Office when authorized work begins.

Right to Appeal Final Certification

The final Section 401 Water Quality Certification may be appealed by submitting a petition to initiate a contested case, pursuant to Idaho Code § 39-107(5) and the “Rules of Administrative Procedure before the Board of Environmental Quality” (IDAPA 58.01.23), within 35 days of the date of the final certification.

Questions or comments regarding the actions taken in this certification should be directed to Troy Saffle at 208.528.2650 or troy.saffle@deq.idaho.gov.



Troy Saffle
Regional Manager
Idaho Falls Regional Office