



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502
www.deq.idaho.gov

C.L. "Butch" Otter, Governor
John H. Tippetts, Director

December 29, 2015

Deborah Carroll, President
Rose Lake Water Association
P.O. Box 178
Cataldo, Idaho 83810

RE: Draft finding of no significant impact for the Rose Lake Water Association Drinking Water Improvements DWG-135-2013-2

Dear Ms Cataldo:

The Idaho Department of Environmental Quality (DEQ) has completed a review of the environmental information document for the Rose Lake Water Association Drinking Water Improvements. The potential impacts on a number of environmentally sensitive resources were evaluated in the environmental review. The Association's project engineer consulted with a number of appropriate state and federal agencies regarding relevant issues. The project meets state and federal criteria for issuance of a finding of no significant impact (FONSI) since the environmental review process indicated no significant environmental impacts would result from the proposed project.

A FONSI legal notice will be published in the *Coeur d'Alene Press*, newspaper of general circulation for the Association. DEQ has requested the *Coeur d'Alene Press* publish the legal notice one time, on one day, on January 7, 2016. The legal notice will explain how the public can obtain a copy of the full FONSI for review and will give instructions on how they can submit comments. A 30-day public comment period will follow the FONSI legal notice publication. If public comments and concerns arise related to the project or FONSI, DEQ may ask your help in preparing responses.

Following the 30-day public comment period, any significant comments or concerns will be considered and incorporated as appropriate into the final FONSI determination for the referenced project. After issuance of the final FONSI, and with approval of all technical considerations in the planning document, DEQ will close the planning grant.

Katy Baker-Casile at the DEQ Coeur d'Alene regional office, (208) 666-4640, is your local DEQ contact on the referenced project. Please keep her informed of progress on the project.

Deborah Carroll, President
Rose Lake Water Association
December 29, 2015
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Refer comments regarding the environmental review to Mike May in the State Office at
(208) 373-0406 or Michael.May@deq.idaho.gov.

Sincerely,



for Barry N. Burnell
Water Quality Division Administrator

BNB:MLM:dls

Enclosures

c: MaryAnna Peavey, DEQ State Office (TRIM)
Charlie Parkins, DEQ State Office (TRIM)
Katy Baker-Casile, P.E., Coeur d'Alene Regional Office (TRIM)
Ashley M. Williams, P.E., Welch-Comer (awilliams@welchcomer.com)
Kent Erickson, P.E., USDA (Kent.Erickson@id.usda.gov)

DRAFT FINDING OF NO SIGNIFICANT IMPACT

Date: December 29, 2015

To: All Interested Government Agencies, Public Groups, and Individuals

Subject: Environmental determination for the Rose Lake Water Association Drinking Water Improvements

In accordance with the State Environmental Review Process (SERP), “Rules for Administration of Planning Grants for Drinking Water Facilities” (IDAPA 58.01.22), and “Rules for Administration of Drinking Water Loan Program” (IDAPA 58.01.20), an environmental review has been performed and a draft finding of no significant impact (FONSI) is hereby issued by the Idaho Department of Environmental Quality (DEQ).

Project:	Rose Lake Water Association Drinking Water Improvements
Location:	Kootenai County, Idaho
DEQ Grant Number:	DWG-135-2013-2
DEQ Grant Costs:	\$25,400
DEQ Loan Number:	TBD
Total Loan Project Cost:	\$0

PURPOSE/SUMMARY OF IMPACTS:

Purpose of Project: The purpose of the proposed project is to improve public health by addressing deficiencies with the drinking water system, including reduction of naturally-occurring arsenic, radium and iron and improving water pressure in remote areas.

Description of the Project: The proposed project involves:

- Installation of one new well;
- Installation of five booster stations serving individual homes;
- Installation of ATEC filtration system to remove arsenic; and
- Future installation of radium filtration at well #4 (when needed).

Direct and Indirect Impacts: An environmental information document (EID) was prepared by Welch, Comer and Associates, Inc. (Welch-Comer), consulting engineer for the Rose Lake Water Association. Welch-Comer and DEQ consulted with the appropriate state and federal agencies regarding relevant environmentally sensitive resources. Based on consultation with agency experts, Welch-Comer and DEQ evaluated the potential short-term and long-term impacts, and the direct, indirect, and cumulative impacts of the drinking water improvement project. The evaluation emphasized site-specific components of the environment that are most likely to be impacted by the construction and operation of the proposed improvements. The results of the project evaluation indicate there will be environmental effects from the referenced project as described below. The only

- Noise: impacts from the project construction will be reduced by restricting work hours to reasonable times identified in the construction specifications.
- Implement any other appropriate BMPs, wherever possible, to avoid or minimize impacts from other construction activities.

The following permits will be required for this project:

- Large Project Work permit from Panhandle Health District.
- Storm Water Construction General Permit Notice of Intent with Environmental Protection Agency.
- Class V underground injection well permit from IDWR for disposal of filter backwash water.
- Any other local, state, or federal permit required for activities taking place during project construction.

Beneficial Impacts: Overall, the completion of the proposed project will have long-term positive effects through improvement of public health by removal of arsenic and radium from the drinking water supply

Finding: The review process did not indicate significant environmental impacts would result from the proposed action. Consequently, a preliminary decision has been made that an environmental impact statement does not need to be prepared for the proposed project. Instead, a FONSI is hereby issued by DEQ. This decision is made following a careful review of the December 5, 2015 *Environmental Information Document: Rose Lake Water System*, June 30, 2015 *Water System Facility Plan for Rose Lake Water System*, and supporting documentation.

AVAILABILITY OF COPIES:

Copies of the notice of a FONSI, the December 5, 2015 *Environmental Information Document: Rose Lake Water System*, and the June 30, 2015 *Water System Facility Plan for Rose Lake Water System* are available for public review on DEQ’s website at www.deq.idaho.gov/public-comment-opportunities or at the following locations:

Idaho Department of Environmental Quality
 Water Quality Division
 1410 North Hilton
 Boise, Idaho 83706
 Grant/loan SERP contact: Mike May (208) 373-0406

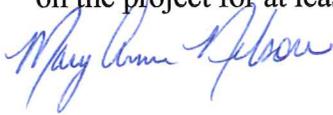
Idaho Department of Environmental Quality
 Coeur d’Alene Regional Office
 2110 Ironwood Parkway
 Coeur d’Alene, Idaho 83814
 Regional Office contact: Katy Baker-Casile (208) 666-4640

The public will be informed about the proposed project and their opportunity for comment through the *Coeur d’Alene Press*, one time in the January 7, 2016 publication.

Public Comments: Comments supporting or disagreeing with this decision must be submitted on DEQ's website www.deq.idaho.gov/public-comment-opportunities or addressed to the following contact:

Mike May
Idaho Department of Environmental Quality
Water Quality Division, Grant and Loan Program
1410 North Hilton
Boise, Idaho 83706

All comments must be postmarked or delivered on or before Monday, February 8, 2016. After an evaluation of public comment, DEQ will make a final decision. No administrative action will be taken on the project for at least 30 calendar days after publication of the draft FONSI notice.



Barry N. Burnell
Water Quality Division Administrator

LEGAL NOTICE OF FINDING OF NO SIGNIFICANT IMPACT

Date: December 29, 2015

To: All Interested Government Agencies, Public Groups, and Individuals

Subject: Environmental determination for the Rose Lake Water Association Drinking Water Improvements

In accordance with the State Environmental Review Process (SERP), "Rules for Administration of Planning Grants for Drinking Water Facilities" (IDAPA 58.01.22), and "Rules for Administration of Drinking Water Loan Program" (IDAPA 58.01.20), an environmental review has been performed and a finding of no significant impact (FONSI) issued by the Idaho Department of Environmental Quality (DEQ) for the following project:

Rose Lake Water Association Drinking Water Improvements Kootenai County, Idaho

This environmental determination was made as a result of the review process indicating no significant environmental impacts would result from the proposed project. The results of the project evaluation indicate there will be environmental effects from the referenced project as described below. The only significant long-term negative environmental impact of the project is the generation of waste materials from the treatment processes.

- Treatment residuals: Filter backwash water must be tested before disposal. If its arsenic concentration is less than 0.050 mg/L (milligrams per liter) and combined radium is less than 5 pCi/L (picocuries per liter), it is likely to be eligible for disposal in a drainfield, in which case it will require a Class V underground injection well permit from the Idaho Department of Water Resources (IDWR). If concentrations exceed those amounts, disposal would require a hazardous waste injection well permit. Solid residuals from the arsenic and radium removal process are expected to be a hazardous waste under the Resource Conservation and Recovery Act (RCRA) and must be disposed of according to RCRA regulations.

Short-term impacts may occur during project construction that includes temporary disruption of the distribution system, increased noise, increased dust pollution, increased potential for stormwater runoff, and disruption of localized traffic conditions. The project contractor is responsible for managing the temporary disruptions of the system as follows:

- Air Quality: Temporary dust pollution impacts will be controlled as a condition of the construction specifications in accordance with the "Rules for the Control of Air Pollution in Idaho" (IDAPA 58.01.01.651). IDAPA 58.01.01.651 states that reasonable precautions shall be taken for dust control and suppression by using water or chemicals, applying dust suppressants, covering trucks, paving, and removing materials. In addition to the rule requirements, DEQ recommends that a dust prevention and control plan be implemented during construction of the project that includes best management practices (BMPs) to minimize dust pollution for fugitive dust control.
- Cultural Resources: If archeological artifacts (such as beads, arrow heads, pottery, fabric, grave goods, glass, metal fragments, or other human-made objects that appear to predate 1960) or human remains (such as bones, bone fragments, or teeth) are inadvertently discovered during construction, ground disturbing activities shall cease and the State Historical Preservation Officer (SHPO) and Coeur d'Alene Tribe shall be notified. Mitigation measures will be implemented as directed by SHPO and the tribe, and work will not resume at the discovery site without their consent.
- Stormwater: Stormwater runoff shall be handled through an Environmental Protection Agency Stormwater Construction General permit and the development of a Stormwater Pollution Prevention Plan (SWPPP). The SWPPP and stormwater BMPs will be implemented prior to, during, and after project construction to reduce the potential for erosion from runoff.
- Recreation: treatment construction activities at the well house shall be managed to minimize impacts to sportsmen's access.
- Hazardous materials: The project is located within the Bunker Hill Superfund Site, and all construction must conform to the Institutional Controls Program of the Panhandle Health District. A permit must be obtained from the Panhandle Health District before construction begins. The project must be designed and constructed in such a way as to prevent tailings exposure to the public and to surface water both during and after the project.

- Noise: impacts from the project construction will be reduced by restricting work hours to reasonable times identified in the construction specifications.
- Implement any other appropriate BMPs, wherever possible, to avoid or minimize impacts from other construction activities.

The following permits will be obtained for the project:

- Large Project Work permit from Panhandle Health District.
- Storm Water Construction General Permit Notice of Intent with Environmental Protection Agency.
- Class V underground injection well permit from IDWR for disposal of filter backwash water.
- Any other local, state, or federal permit required for activities taking place during project construction.

Beneficial Impacts: Overall, the completion of the proposed project will have long-term positive effects through improvement of public health by removal of arsenic and radium from the drinking water supply

Description of the Project: The proposed project involves:

- Installation of one new well;
- Installation of five booster stations serving individual homes;
- Installation of ATEC filtration system to remove arsenic; and
- Future installation of radium filtration at well #4 (when needed).

Copies Available: Copies of the full FONSI, the December 5, 2015 *Environmental Information Document: Rose Lake Water System*, and the June 30, 2015 *Water System Facility Plan for Rose Lake Water System* are available for public review on DEQ's website at www.deq.idaho.gov/public-comment-opportunities or at the following locations:

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Water Quality Division
1410 North Hilton
Boise, Idaho 83706
Grant/loan SERP contact: Mike May (208) 373-0406

Idaho Department of Environmental Quality
Coeur d'Alene Regional Office
2110 Ironwood Parkway
Coeur d'Alene, Idaho 83814
Regional Office contact: Katy Baker-Casile (208) 666-4640

Public Comments: Comments supporting or disagreeing with this decision must be submitted on DEQ's website at www.deq.idaho.gov/public-comment-opportunities or addressed to the following contact:

Mike May
Idaho Department of Environmental Quality
Water Quality Division, Loan Program
1410 North Hilton
Boise, Idaho 83706

Such comments must be postmarked or delivered on or before Monday, February 8, 2016. Public comments will be considered in finalizing the planning phase of the project. No administrative action will be taken on the project for at least 30 calendar days from the date of publication.

Barry N. Burnell
Water Quality Division Administrator