



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

2110 Ironwood Parkway, Coeur d'Alene, ID 83814 (208) 769-1422

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

May 10, 2016

AIS waiver:

IDEQ Loan Project Number WW1504

To Whom It May Concern:

Earthworks Northwest, Inc. is seeking a waiver to the AIS requirements. Below is a statement provided by Welch Comer Engineers. The statement below is accurate and endorsed by myself, Katy Baker-Casile, P.E. Staff Engineer, Department of Environmental Quality's Coeur d'Alene Regional Office.

The Hidden Lake Float Home Association is currently constructing their wastewater collection system with assistance from a State Revolving Fund Clean Water Loan. Each float home (twenty-two in total) currently has a small on-board pump, which pumps to an on-shore grey water holding tank. The holding tanks are pumped once or twice per season. The water is then hauled by boat via Chatcolet Lake to an existing pump station at Chatcolet Marina.

The project involves constructing a pressure collection system to transfer wastewater from the twenty-two float homes to Heyburn State Park's Centralized Sewage Collection and Treatment Facility (CSCTF).

The project includes installing a wastewater forcemain, twenty-two service lines, twenty-two individual on-shore pump basins, and one small pump station.

The service line for each home includes a check valve assembly for maintenance, isolation, and to prevent backflow into the service line from the mainline. Without this valve assembly, there is potential for wastewater to flow back in the service line and cause property damage and public health hazards.

In conversations with the Contractor I have learned that an AIS-compliant lever and spring check valve (2-inch size) has a lead time of 14-16 weeks (refer to discussion below).

The Contractor and their Supplier (Consolidated Supply) have made every effort to locate a manufacturer of a 2" swing valve that meets AIS requirements. They were able to locate one manufacturer (GC Systems) that produces this specific size, but the lead time is 14-16 weeks. The next option from GC Systems meets ARRA requirements, however it does not meet AIS requirements and is not external lever and spring (external lever and spring is

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necessary for this application). This item has a lead time of 4-6 weeks. According to the Contractor, Supplier and Manufacturer there are several options available in the non-domestic market with external spring and lever available immediately.

The Contractor has scheduled the installation of the swing valve for 6/15/16. The Contractor states that major delays in supply and delivery of this component would push the project schedule into the fall and potential rain season.

We have attached letters from the Contractor, Supplier and Manufacturer verifying the above issues.

If there is any way that we can get this approved this week, it would be in the best interest of the project.

**Val-Matic AIS External Spring/Lever Swing Check Valve**

Today: May 6, 2016

Potential Order Date: May 16, 2016

Potential Installation Date: September 12, 2016

Current Substantial Completion: August 16, 2016

Current Final Completion: August 26, 2016

**United Water Products Non-Domestic External Spring/Lever Swing Check Valve**

Today: May 6, 2016

Potential Order Date: May 16, 2016

Potential Installation Date: June 15, 2016

Current Substantial Completion: August 16, 2016

Current Final Completion: August 26, 2016

As you can see from the above dates, it is critical that this be addressed very soon if there is any hope of meeting the current project deadlines.

Thank you for your attention to this matter.

Please contact me at [Katy.Baker-Casile@deq.idaho.gov](mailto:Katy.Baker-Casile@deq.idaho.gov) or via phone at 208-666-4640.

Sincerely,



Katy Baker-Casile, P.E.

Staff Engineer

[katy.baker-casile@deq.idaho.gov](mailto:katy.baker-casile@deq.idaho.gov)

NOTE: The referenced attachments with project diagrams, schedules, and supplier correspondence are in formats that do not meet the Federal accessibility requirements for publication on the Agency's website. Hence, these exhibits have been omitted from this waiver publication. They are available upon request by emailing SRF\_AIS@epa.gov.