



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

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

AIS waiver:

IDEQ Loan Project Number DW 1404

Fairview Water District is seeking a waiver on the AIS requirements. Below is a statement provided by PEC Engineering. The statement below is accurate and endorsed by myself, Andrew Fellows E.I.T. with IDEQ Pocatello Region.

"The Fairview Water District is currently under construction with the first two phases of their water system improvements project. Phase I consists of redeveloping their spring source water in the mountains, Phase II consists of connecting the newly developed springs with a new 12" distribution main out of the mountains (previously a 6" steel line in an unknown location) and constructing a new pressure reducing station and chlorination facility. The system has historically had pressure problems because pressure was regulated by two gate valves. One of the valves would discharge water on the top end of the system and the other would provide back pressure at the lower end (at the water tanks). The function of these valves is being replaced by a pressure reducing station at the top and a pressure sustaining station at the bottom.

In conversations with the contractor I have learned that the pressure sustaining valves are going to be delayed due to a miscommunication between the contractor and the supplier.

The pressure sustaining valve provides the back pressure needed to sustain the users along the cub river pipe line from Foster Creek Road to the Water Tanks in the system (about 5 miles of pipe and about 25 user connections). Without this valve in place the pressure sustaining vault cannot be put into service and the Water District will have to continue to provide back pressure manually with a gate valve at the water tanks. Once the valve is in place, this system operation will be automatic and the system will have more reliable/steady pressure at the user connections.

The valve can be made to conform to the AIS requirements in Costa Mesa California (Cla-Val Foundry) and shipped to the site however currently there is a 10 week wait time to get the valves shipped. The body of the valve can however be made in Mexico (they have them on the shelf in Costa Mesa), and the rest of the parts that make up the valve will be American Made. The valve would come with the same warranty and its functional characteristics would be the same as if the valve was fully AIS compliant. As the Engineer of Record, I have no issue with the proposed solution; in fact, it will result in a small cost savings for the system owner. This hybrid valve could ship one to two days after a PO is issued by the contractor. The scheduled completion of this project is set for the end of the month currently. It is important that this valve be in service prior to snow falling so that the remaining work items and a project end inspection can be completed. If there is any way that we can get this approved this week, it would be in the best interest of the project.

Today: October 20,2015

Potential Order Date: October 23, 2015

Potential Installation Date: October 28,2015

Current Substantial Completion: October 29, 2015

Current Final Completion: November 29, 2015

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 and the looming snow fall.

Thanks for your attention to this matter.
Vic"

Please contact me at andrew.fellows@deq.idaho.gov or via phone at 208-236-6160.

Sincerely,

A handwritten signature in blue ink, appearing to read 'A. Fellows', with a long horizontal flourish extending to the right.

Andrew Fellows E.I.T.
IDEQ Pocatello Regional Office



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

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

AIS waiver

Fairview Water District IDEQ SRF Loan # DW 1404

The Project specs for the valves are;

The Contractor shall supply and install two pressure relief valves that will maintain system pressure on the upstream side of the valve. The valves shall be manufactured by CLA VAL and be a 6-inch 50G-70 BCSKC pressure relief valve with a ductile iron body and stainless trim. The valve shall have 150 flanged ends, 15-75 psi spring range on CRL with x101.

The set point for this valve is 90 psi.

The valves shall be isolated by gate valves for removal and maintenance.

The substantial completion date is October 29th 2015 if the system wants to function as designed.

Thanks

Andrew Fellows, E.I.T.
IDEQ Pocatello Region
Andrew.fellows@deq.idaho.gov
208-236-6160