



11/19/15

HDR

6300 S. Old Place, Suite 100  
Sioux Falls, SD 57108-2102

Attn: Allan Erickson

Re: Dakota Dunes Clear Well and High Service Pump Addition AIS Butterfly Valves

Dear Mr. Erickson,

I am writing in regards asking for an AIS Waiver for the AIS Butterfly Valves Specified as listed in the contract drawings and specifications section 15130: 2- 30-inch MJ Butterfly Valves, 2 -30-inch FL Butterfly Valves and 2- 18-inch MJ Butterfly Valves. The lead times given to us from the specified manufacturers will impede the project schedule beyond the Completion date stated in the contract documents. The following is the complete list of all approved manufactures listed in the contract documents/specifications, along with their lead times after shop drawing approval:

- Dezurik -- AIS valves
  - 18-inch valves 16 weeks
  - 30-inch MJ valves 16 weeks
  - 30-inch FL valves 16 weeks
- **Dezurik -- Non AIS valves**
  - **18-inch valves 6 weeks**
  - **30-inch MJ valves 6 weeks**
  - **30-inch FL valves 6 weeks**
- Mueller/Linesal -- AIS valves
  - 18-inch valves 14-16 weeks
  - 30-inch MJ valves 20-28 weeks
  - 30-inch FL valves 20-28 weeks
- **Mueller/Linesal -- Non AIS valves**
  - **18-inch valves in stock weeks**
  - **30-inch MJ valves 6-8 weeks**
  - **30-inch FL valves 6-8 weeks**
- Pratt a Mueller Water Company -- AIS valves
  - 18-inch valves 16 weeks
  - 30-inch MJ valves 28 weeks
  - 30-inch FL valves 36 weeks
- **Pratt a Mueller Water Company -- Non AIS valves**
  - **18-inch valves in stock**
  - **30-inch MJ valves 6-8 weeks**
  - **30-inch FL valves 6-8 weeks**



- **Bray** -- Does not meet specified design requirements.
- **Pentair/Keystone** -- Does not meet specified design requirements of the project.
- **Valmatic** -- Does not meet specified design requirements of the project.
- **Kennedy** -- Does not meet specified design requirements of the project.
- **Clow** -- Does not meet specified design requirements of the project.

With the project completion date of April 1, 2016 the AIS Valves will push the completion date of the project beyond the contractual date. The Community of Dakota Dunes is wanting to utilize this new Clear Well addition for the upcoming heavy water usage season. With 16+ week lead time after approved shop drawings we are looking at 18-19+ weeks before valves can be onsite, plus installation time and loss of days due to December holidays.

To further complicate this the 18-inch MJ valves along with the 30-inch MJ and FL valves are buried and interior valves that tie directly into Dakota Dunes existing Clear Well. The tie will take the existing Clear Well out of service therefore limiting the amount of water available for use. By pushing this date back into their heavy usage season will impede their output capacity even more.

Sincerely,  
Building Crafts, Inc.

*Chad Nickolisen*

Chad Nickolisen  
Project Manager

**This waiver request was submitted to the EPA by the state of South Dakota. All supporting correspondence and/or documentation from contractors, suppliers or manufacturers included as a part of this waiver request was done so by the recipient to provide an appropriate level of detail and context for the submission. Some 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](mailto:SRF_AIS@epa.gov).**