HIGHLAND CITY

Highland City Administration Department
5400 West Civic Center Drive ~ Suite 1
Highland, UT 84003
Phone 801- 756-5751 | Fax 801-756-6903

Well #1 and Well #2 Chlorination
January 5, 2026

Questions and Answers

#9 Question- Completion Time, May 2026
The May 15 substantial completion date seems to be aggressive. Assuming we get a contract in place by February 1, the allowed time for construction is 14.8 weeks. This is what I'm told for delivery times:
150 HP VFD, 10-12 weeks after submittal approval
Rotork actuators, 20-24 weeks after submittal approval
Electrical panels and equipment, unknown at this time
Chlorination equipment, shouldn't be a problem.

#9 Answer - The May 15 completion date is required due to the city's funding method for this project. Regarding the VFD, we contacted a local supplier, and they checked with Eaton, Scheinder, and Yaskawa and all currently have stock for the VFD. Regarding the Rotork actuator, if the specified IQS12 with IB5 worm gear is not available in time, then the IQS20 actuator without a gearbox would be allowed.

#10 Question - HVAC Duct and Equipment Specifications
What is the specifications for the 10" PVC duct?
What is the specifications for the actuated louvers, and where are they installed?
What is the specifications for the electric unit heaters?

#10 Answer - The 10" PVC duct is to be Sch 80 PVC.
The actuated louvers are to be Ruskin (or approved equal) with a maximum air flow of 450 cfm. Addendum #1 contains more requirements for the louvers. The locations for the louvers are shown on Sheets E4.1 and E4.2.
The electric unit heaters are to be 950 watt, 120 VAC, 1 phase. Addendum #1 contains more requirements for the unit heaters.

#11 Question - Chlorine Analyzer in Well 5
A chlorine analyzer is shown on drawing E1.2, Well 5 Instrument Schedule. However, the drawings don't show it being connected into the existing RTU (Drawing E2.4). Where is the signal sent?

#11 Answer - Addendum #1 includes the conduit/conductor for the Residual Chlorine analyzer at Well #5