



SPF WATER
ENGINEERING

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OCT 02 2014
DEPARTMENT OF
WATER RESOURCES

September 30, 2014

Dan Nelson
Idaho Department of Water Resources
322 East Front Street
Boise, ID 837020-0098

Subject: Beneficial Use Field Exam for Water Right Permit 65-22882
North Lake Recreational Sewer and Water District

Dear Dan:

This letter responds to your September 19, 2014 letter regarding the beneficial use field exam for permit 65-22882. Your letter asked for further information regarding points of diversion and flow measurements. This information is provided below.

Points of Diversion. The two points of diversion listed in the field exam are the only points of diversion serving the water system. The other 5 points of diversion authorized under the permit were not constructed. The third well you mentioned in the NWNW Section 27 was a 6-inch diameter drilling water supply well that was subsequently abandoned.

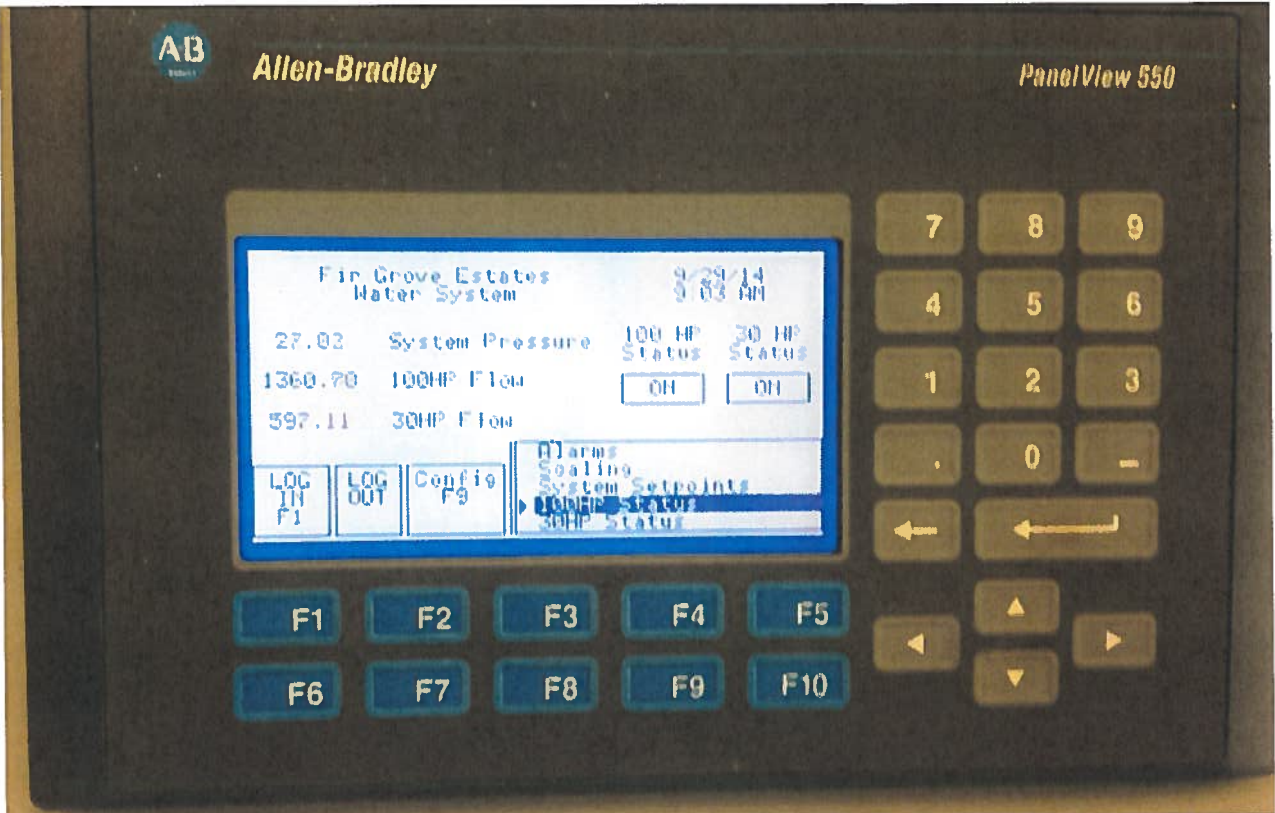
Flow Measurements. A flow test of the two wells was conducted on September 29 by opening fire hydrants in the system. Flow rates ranged between 4.0 and 4.4 cfs at discharge pressures 27 to 44 psi. These measurements confirm the theoretical calculation of 4.12 cfs at 40 psi reported in the beneficial use field report. Screen shot photos showing flow rates and discharge pressures are attached.

Please contact me with any questions or comments.

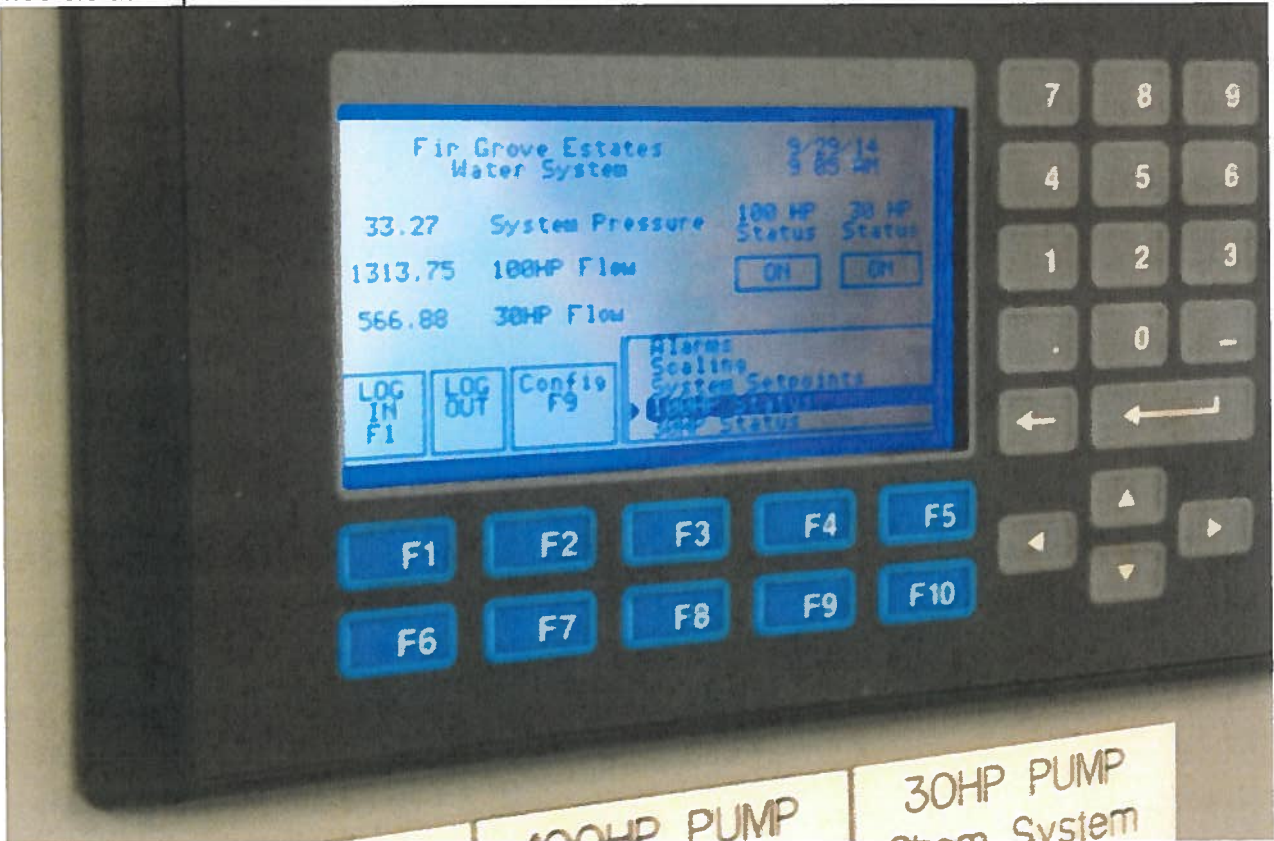
Sincerely,

Terry M. Scanlan, P.E., P.G.

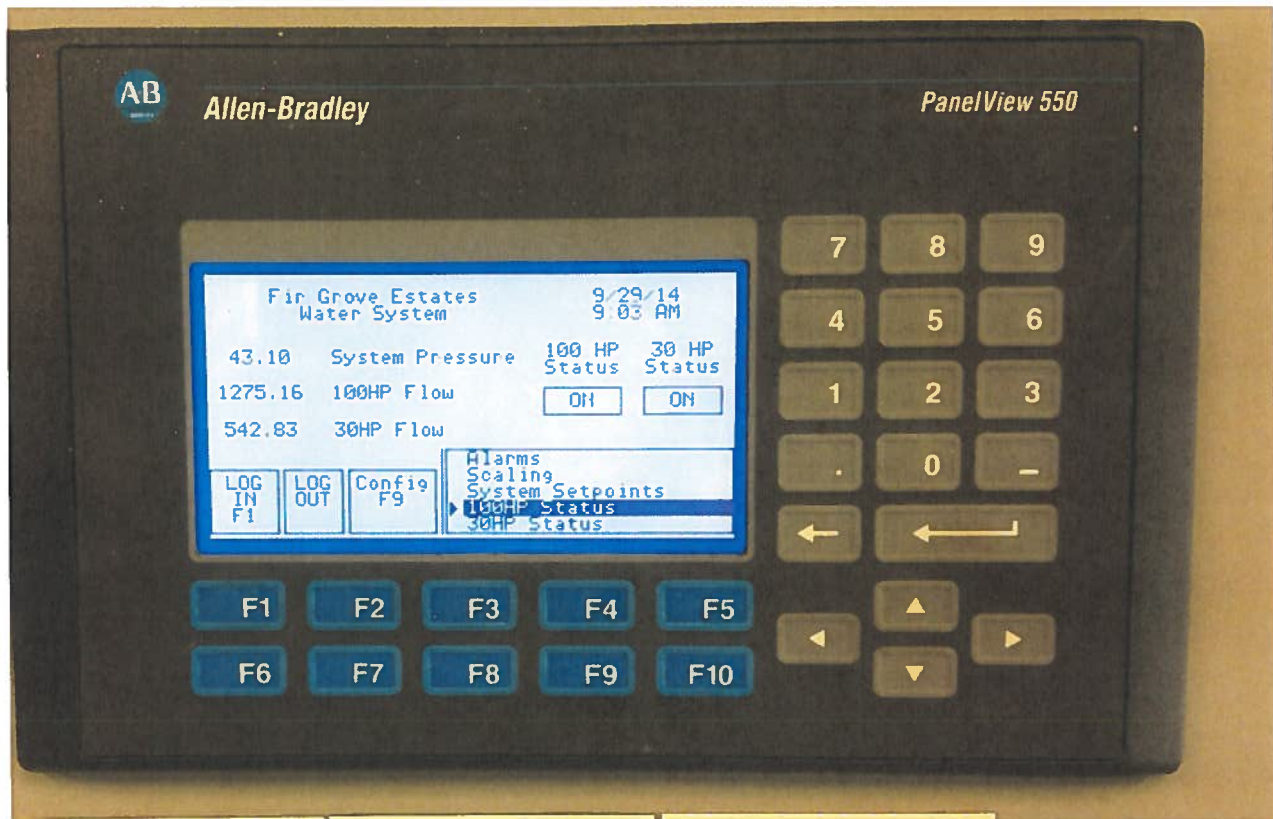
Cc: Bill Eddy – North Lake Recreational Sewer & Water District



4.36 cfs at 27 psi



4.19 cfs at 34 psi



4.05 cfs at 43 psi