

**City of Lock Haven Emergency Water Supply
Activities Report No. 3 - January 22, 2024**

Current Water Supply Status –

Ohl Reservoir has reached a capacity of 402 MG which is a 45% increase in capacity since early October. Another 156.1 MG is necessary to reach full capacity.

Water Usage –

Current demand remains essentially unchanged near 2.85 MGD; Completion of the leak detection survey of transmission mains into the City and continued repair of any identified leaks remains a priority.

DEP Request for Instream Flow Reduction – Instream Flow Reduction is no longer being pursued.

Leak Detection Survey –

Leak detection survey for the transmission mains is pending. D. Bonkovich must return to complete the survey.

Pressure Recorder – To monitor real-time system pressures in the City, a chart recorder has been installed in the basement of City Hall. System pressures currently measure as expected and accuracy has been confirmed with static pressure readings at nearby hydrants. The recorder will be useful in detecting pressure loss indicative of leakage, pressure spikes and evaluating daily system behaviors.

Pennvest Letter of No-Prejudice –

DEP/Pennvest formally approved the “Letter of No-Prejudice” for the project on December 14.

Project Cost Breakdown –

\$987,484.70 has invoiced to date which includes labor and material charges for both Modern Pump and Harger Utility for pumps and pipeline. All expected major equipment has been delivered and invoiced. An updated tabulation of costs is attached.

Pipeline Contractor –

Harger Utilities has installed the 12”/16” pipeline to the extents permitted by current easements. The pipeline is complete to a point near Youngdale Road, and any further progress requires the approval of BBK property owners.

Temporary Easements – The signed easement for the BBK property is pending. A site walkthrough took place on January 3, 2024, subsequent to a teleconference held on December 27, 2023, with the BBK property owners.

Well Properties – The City solicitor held a meeting with the Quaker Hill property representatives on December 27th. Agreements related to the temporary easement and well usage are in progress.

Well Pumps – The pumps were wired and tested using the portable generators on 12/21/23. Representatives from Modern Pump, Toshiba, Lecce Electrical, CCCWFA and Harger Utility attended. Pump operation, rotation, pressure and flow were checked at both wells to the extent possible using the nearby valves and blowoff. Wells cannot be connected until property owner signs temporary easements/well usage.

Power Requirements – Single phase service drops are nearly complete and pending PP&L inspection/connection at the Matz water treatment shed and chlorine analyzer. Portable Generators are located at each well site and ready for operation. Secondary Containment for fuel spillage has been required by PADEP and has been ordered through United Rentals.

Water Treatment – The chemical feed building is placed at the Matz well and contains chemical feed pumps, storage tanks and electrical equipment. For efficiency, final connections of chemical feed equipment should occur concurrently with the completion of the pipeline. However, preparations for the final connections of the chemical feed equipment have been made and equipment is available for installation in short notice.

Chlorine Analyzer – GDF provided data on proposed chlorine analyzer to CCCWFA operators for familiarization and for 14-day “initial demonstration of capability” evaluation under USEPA Method 334. CCCWFA has completed the evaluation and has continued to operate the analyzer to avoid unnecessary storage procedures.

DEP Public Water Supply Permit (Emergency) – Permit received 01/16/23.

DEP Joint Permit Application – Completed

Wayne Township Supervisors – No further developments. The Supervisors waived the need for Conditional Use approval for temporary operation of the wells. GDF will file for Conditional Use approval after the emergency water supply is decommissioned. The crossing at McKinney Road has been completed using a 24-inch steel casing pipe. The 12-inch main has been installed underground along McKinney Road, within the Township right-of-way.

Susquehanna River Basin Commission (SRBC) Emergency Withdrawal Certificate – Recent correspondence with SRBC indicates the permit is under the final stages of review and expected to be issued shortly.

Norfolk-Southern Railroad – The NS Engineering review of the application has completed. Awaiting final permit decision and comments.

PennDOT HOP Permit - PennDOT approval of pipeline work will be covered under the City’s emergency permit. PennDOT has been notified and requires a utility sketch to be submitted within 15 days after the work on Youngdale Road. The BBK property easement is required for a horizontal boring pit. Work will not begin until temporary easement is obtained.