



TOWN OF AMENIA

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AMENIA WATER DISTRICT #1

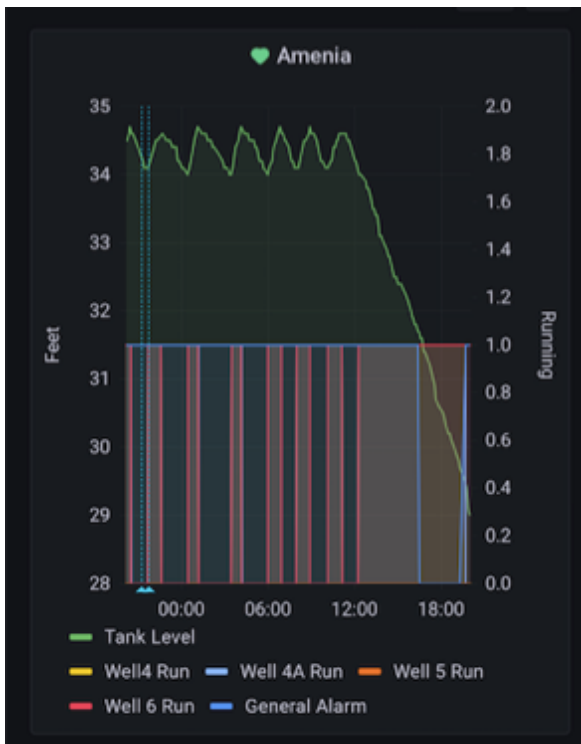
INCIDENT REPORT

Water Main Break
Friday, April 5, 2024

Issue Reported & Assessment

The Water Operator (“VRI”) received a call at approximately 3pm (15:00) on Friday 4/5/24 that there was water running down the sidewalk in front of the Amenia Fire House. A VRI operator was dispatched to investigate. Upon arrival they found a water main break located on the west side of Mechanic Street across from the Amenia Fire House potentially underneath the sidewalk.

VRI remotely monitors the Water District’s wells and water storage tank levels remotely. They reviewed the tank level and found it had decreased a few feet from its normal level. VRI contacted Stanley Whitehead to perform the excavation at the identified water main break location. He was not available Friday evening and said he could arrive on site the following morning. Due to the rate at which the water storage tank was declining, VRI did not feel comfortable waiting until Saturday morning to perform the work and risk draining the tank completely – see tank level graph below.



The break was located approximately 10 feet from a telephone pole. VRI felt it was best to contact Metzger construction to have them utilize their hydro-excavator to keep the excavation as minimal and less invasive as possible.

VRI also contacted UDig NY; to alert other utilities for mark-out purposes, and NYSEG to request they hold the telephone pole while the break was repaired. All utilities were clear, and NYSEG arrived with 2 utility trucks to hold/stabilize the pole, so it did not fall or kick out on while excavating (see below).



Repair & Cause for Temporary System-Wide Shut Off

VRI had to remove a portion of the sidewalk and a small tree to access the area with the hydro-vac and backhoe. They attempted to close valves in the streets surrounding the break to isolate



the portion for repair. Those valves did not hold and the pipe was still pressurized at the break. The only way to reduce the flow of water enough to enable repairs was to close the valve leaving the storage tank. The storage tank valve pit was full of water and the electric was not operational. Using a sump pump, VRI cleared the pit of water. A new sump pump will need to be installed in pit and some electrically will need replacing.

Hydrants on either side of Mechanic Street were opened to reduce pressure in the line. Once the water slowed enough so the repair could be made, VRI cut out approximately 4 feet of the ductile iron pipe and replaced it with a plastic section of pipe and 2 hymax's. After the repair was completed, VRI opened 4 hydrants on Mechanic Street, Route 343, and in front of Town Hall to bleed air from and re-pressurize the distribution system. System-wide water was off for approximately 3.5 hours.



VRI collected 2 Total Coliform samples on Saturday (4/6/14) in the distribution system and both samples passed.





Recommended Action Items