

Public Works Report October 2019

Production Well #2 Motor Failure: On the morning of the 16th everything was going just fine... Until the pump at production well 2 stopped working for no particular reason. Upon investigation I found the VFD motor drive throwing an over current code and unable to start. Well... that can only mean a couple of things.

1. One or more of the supply wires went bad (very unlikely because we are using the very best super heavy duty wire) or
2. The pump motor just gave up the ghost...

Yup... probably not gonna be the supply wire that costs under a grand that croaked... So I sent up an emergency flair to our pump installation contractor who responded in less than 24 hours during the Nor'easter with their crew and crane truck with a brand new \$5,300 pump motor in hand. They pulled the well and confirmed that in fact the pump motor was toast. Before the end of the day they had replaced the motor and had the well fully operational and dosed with chlorine. We let the chlorinated well water set overnight and flushed the well the next morning. We then took water samples and sent them to the lab. If all goes well we should have that well back in service Saturday morning. That little adventure in the fast lane only cost us \$9,505... Thank you to Weston & Sampson for their rapid response to our water emergency.

October Nor'easter: Right on queue Mother Nature gives us a foreshadowing of things to come. The storm took down several trees and power lines throughout LAC. Our crew responded by cutting and chipping all the downed trees that were safe to touch and left the rest to CMP. The next day they used our two York rakes and road graders to sweep the debris off the roads.

Stony Brook New Main Update: This job is complete with the exception of some hay mulching in the new ditches that held up well to the heavy rain the other night.

Equipment Repairs: Our mechanic had to replace all eight of the shaker head mounts on our aggregate screener. We've been using it since 2006, screened a zillion yards of material with it and they finally wore out. At \$380 each that bill was over three grand... Also we had to replace the original starter on our 1998 Case Backhoe. Our mechanic has also been very busy with normal maintenance, repairs and state inspections.

Water Production for September 2019 was 7.4 million gallons