

# Public Works Report Aug-Sept 2019

**PW-1 Redevelopment:** We hired Weston and Sampson to clean and redevelop production well #1. That well is 27 years old and was only able to produce less than half of its original GPM. Redevelopment is a mechanical/chemical procedure much like cleaning a gun barrel. It requires a two man crew with a crane and specialized equipment and takes a week or more to complete. Once we had the well apart we determined that the steel discharge pipe was rusted bad enough to need replacing so we put in new pipe. We also replaced the check valve with one we had on hand even though it was only a few years old. Check valves cannot be measured or tested for wear or integrity and it is very expensive to pull the well apart if they fail so it is not recommended to reuse them. We are currently waiting on test results but plan to put that well into service next week.

**Fitness Center Pool:** Our crew recently refurbished and painted the pool at Clubhouse 1. It's a painstaking process that takes weeks but now the pool looks brand new.

**Stony Brook New Main:** That name is an understatement... Nothing but rocks and boulders every inch of the way along that road. For the past few weeks our crew has been replacing 2000' of water main there. The new main is complete and tested. Our crew will begin swapping over house services next week. They have also been constructing proper sized ditches there as well.

**Club 2 Men's Bathroom:** Last month we noticed the floor in the men's room was sagging. We investigated and discovered a plumbing leak had caused the subfloor to rot out. Our crew repaired the rot and is in the process of installing a new tile floor. It should be back in service next week.

**Equipment Repairs:** We finally got our International 10 wheeler back from the stealership. Six thousand dollars later it starts and runs. We call it the "Hanger Queen" because it likes to sit in the shop and beg for attention. It's by far the worst maintenance nightmare we've ever had. It started having major problems when it was only a couple months old back in 2004 and has been one expensive, aggravating problem after another ever since. Not to mention the lack of service we get from it. On a good note we did finally get the Morbark chipper running. That wasn't cheap either... Every day our mechanic is busy in the shop doing repairs and preventive maintenance checks and services to keep our fleet on it's feet.

**Water Production for July was 10.2 MG. August was 8.7 MG with September 2019 tracking to be around 7 MG which may be the lowest monthly production in twenty years. Which proves the old excavators adage "Pipe in the ground is money in the bank."**