

# Public Works Report April 2017

**Production Well #2 Pump Replacement:** For the past week our crew has worked with our well pump installer to remove the existing wellhead and install the new pitless adapter and well pump in that 18" gravel packed well. Winter weather prevented us from starting this job sooner but the recent warm weather allowed us to start and has helped move things along.

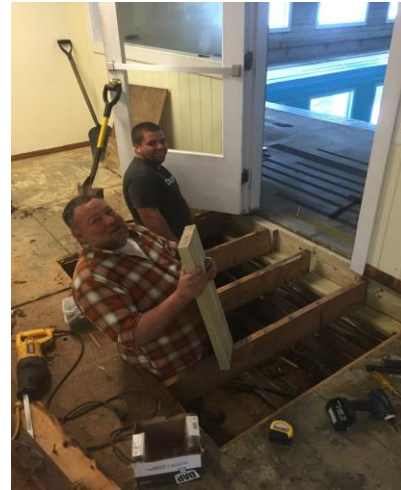


This important upgrade will duplicate the performance and capacity of production well #1. Barring any unforeseen issues I expect this well to be back on line by the end of next week.

**More Water Main Breaks:** Four of our water mains had failures in the past month. Lone Pine, Deer Crossing, Beaver Dam and Redwood. One that knocked out pressure to a large area occurred on Lone Pine Road during a 12" snowstorm. That break happened on Lone Pine where the main was buried over 10' deep and had 4' of hard frost in the road. It took two of us four hours using pressure gauges and ground microphone leak detectors just to locate the leak, then another 8 hours to chisel through the frost to fix it while the rest of the crew plowed snow and repaired trucks until they were done and could help us finish it after 9pm. This is another example of how our multi talented crew pulls together during the all too often adverse and emergency conditions.



**Club 2 Floors and Repairs:** A couple weeks ago our crew repaired and prepared and the subfloors at our flagship recreational facility and administrative office at Clubhouse 2 making them ready for outside contractors to install new and durable vinyl plank flooring. While removing the old floors our crew discovered several structural problems including rotten framing and failures due to poor original workmanship. It was dirty, nasty business but our crew replaced or repaired every found defect and made the sub floor framing solid again so the beautiful new floors had a proper base to set on so they will give our members a lasting value for many years.



**Ongoing Truck and Equipment Maintenance:** Repairs performed by our team of mechanics over the past month include: Replacement of the main hydraulic system line on one of our freightliner six wheelers that failed during a snowstorm right on Old Portland road. Repair of the hydraulic pump drive shaft on our International ten wheeler that failed during the same storm putting the truck out of service immediately. Also that same heavy truck needed one of its steering boxes replaced. That had failed during the previous snowstorm. Speaking of steering boxes... Our Champion grader had its steering box die in a snowstorm rendering the machine extremely difficult to operate. Our crew removed and then replaced it after our hydraulic shop rebuilt it just in time for the next major storm. They also repaired a couple of our snowplows that broke apart during those storms. These and many other cost saving repairs were performed by our hard working mechanics this past month.

**Water Production for March 2017 was 10.1 Million Gallons.**