

Public Works Report December 2016

Wicked Winter Weather: Here we go again. It's the start of another classic Maine winter. Bitter cold and snowy with rain and ice on top just to keep things interesting. Our crew has worked diligently to maintain and prepare the plow trucks and heavy equipment we use to keep LAC roads safe to travel so it will be ready to fend off whatever cold nastiness Mother Nature will throw at us for the next four months.



Flow Meter and VFD Install: The first part of "phase one" the well pitless, pump and flow meter upgrade at production well #2 is complete. Technicians have installed the new 6" magnetic flow meter at pump station 3A and the variable frequency drive at PW-2. The flow meter install cost \$915 less than quoted. The VFD cost \$250 more due to unexpected installation difficulties. Our well pump installer says he will be here in the next week or so to install the new pump and pitless adapter.

Club 2 Boiler: There was an issue with one of the new units. Turns out it was an igniter and is covered under warranty. At first Bosch refused to warranty the item until we got the grounding system in the boiler room properly configured. Our electrician and the JP Carrol technician did fix that issue to eliminate it as a contributing factor. Combined total for that fix was about \$315. We haven't had any problems since. JP Carroll also charged us an additional \$279 for the installation of the reset alarm light.

Fleet Repairs: During the past month our mechanics and crew have been hard at work keeping the fleet on its feet. Such repairs as; remove and replace the large hydraulic cylinder on our bucket loader, also rebuild the bucket pilot controls on that same loader, remove and replace the entire exhaust gas recirculation system on the Mercedes diesel truck engine we have, remove and replace numerous long hydraulic lines on the 1997 Champion grader and several snow plow repairs, etc.

Browns Brook Drive: Our crew cleared and graded that road as requested.

Fisher Drive Water Main Bleeder: Our crew repaired the bleeder that was damaged by the home owner's excavation activities and buried his water service deeper for better frost protection. Also as a result of the home owner's excavation of the banking and lack of erosion control the recent rains significantly eroded the banking and completely filled in our new ditch. This caused us to have to re-ditch the entire frontage of the property and repair our erosion control that we had previously installed to prevent such a problem.

Scrap Equipment: We sold the much rusted dump body that we removed last year from the L8000 when our mechanics dead lined it due to extensive rust and wear. We got \$500 for it which with metals prices being very low is about \$400 more than if we had sent it for scrap.

Water Main Breaks: We have had one main break in the past month.

Water Production for November 2016 was 9.25 Million Gallons.