



AGENDA ITEM #9

REPORT TO CITY COUNCIL

Report Prepared by: Jason Gorr – Public Works Director

Date: May 7, 2019

Subject: Public Works Report

Report: Attached is the April 2019 Public Works Report.

Council Action Requested: No Council action requested.



April 2019 Public Works Report

Buildings:

- Septic and holding tanks were pumped at City Hall and Chamber by Honey Wagon.
- Monthly building inspections.
- Matt Bengston (Bengston Electric) inspected and consulted on electric supply requirements in regards to a generator installation.
- Department heads met with Generator Vendor to discuss installation of a stand-by generator at City Hall.
- Routine maintenance of oil disposal area & tanks was pumped by Used Oil Reuse Company.
- Follow-up with WSN on punchlist building items on new shop including a grounds walk-through to ID any remaining ground work prior to seeding (by Boser).
- WSN worked with Boser on remaining items at the new PW Building.
- One remaining heavy wet snow allowed for additional walkway snow removal at all buildings.
- New window shutters we installed by a local contractor on the front of City Hall.
- Safety modifications to the entrance of City Hall were discussed at the Safety Mtg.

Streets:

- One last heavy snow event (8-11") required a large plow event.
- Due to the frost letting out of the ground already, numerous plow damage spots repaired in town, when the conditions were conducive staff conducted multiple days of repair (raking).
- For weeks prior and weeks after the snow event, pothole repair was done quite often (UPM patching).
- Numerous flooding and drainage issues were addressed early in the month.
- Ongoing maintenance on heavily worked equipment (greasing, oil changes).
- Street sweeping (curbed, in town) was contracted with Landwerx out of Brainerd this year.
- Other sweeping was conducted with the angled broom attachment on the Skid Steer (45+ miles!).
- Wear replacement kit (new bristles @ \$4xx) was installed on Skid Steer Broom.
- Equipment was now modified to conduct shouldering repair operations in May.
- Damaged pavement edges and chronic repair and drainage issues were assessed for repair w/ Anderson Brothers staff, itemized bids pending.
- Comprehensive street survey was initiated for all Pequot Lakes streets, to be completed late May.
- MnDOT staff agreed to help compile and share data produced by volumetric counters in 5 spots.
- WSN discussed with staff the detailed Traffic Study to be conducted in mid-late May (completed by Aug.).

Parks:

- Routine inspections and trash removal at multiple garbage barrels.
- Additional garbage barrels installed in town.
- Benches now maintained by Community Action to accommodate their requests.
- Trash and stick cleanup periodically as able.

- Coordinating/requesting the Day of Caring Crew from PLHS (25 students) for park work, May 8th.
- Preparing tools, PPE, materials needed for Day of Caring park work day.
- Planning flower, gardening, grass, and woodchip needs in various parks and displays in town.
- Soliciting input from various entities about summer goals for parks vision.
- Numerous meetings, site visits, and conducted lots of research for Splash Pad/Flag Display topics.
- Lined up irrigation start dates (in May).

Safety & Training:

- Asphalt training – Anderson Brothers.
- MMUA Monthly Safety Training.
- Continued development of internal training & safety training process.

Other:

- City Message Sign notifications modified.
- Flags maintained as directed.
- Tree cutting and removal on several sites.
- Vehicle repair (2003 F350) ball joints & tie rods.

Compiled and submitted by Jason Gorr – Pequot Lakes Public Works Director
Please direct questions to: (612)810-9478 or jgorr@pequotlakes-mn.gov

Water Dept.

Facility Performance for March 2019:

Flow

Average daily gallons pumped: 75,000 gallons
 Maximum daily gallons pumped: 103,000 gallons
 Minimum daily gallons pumped: 33,000 gallons
 Total monthly gallons pumped: 2,254,000 gallons

Lab

Average daily chlorine concentration: 0.29 (mg/l)
***Recommended chlorine concentration: 0.2 to 0.5 mg/l**
 Average daily fluoride concentration: 0.5 (mg/l)
***Recommended fluoride concentration: 0.5 mg/l to 0.9 mg/l**

Wastewater Dept.

Facility Performance for March 2019:

Flow

Average Daily Flow: 64,000 gallons **(Design – 121,795 gal/day)**
 Maximum Daily Flow: 95,100 gallons
 Minimum Daily Flow: 50,632 gallons
 Total Monthly Flow: 1,983,700 gallons

Operations Report

- 1) Water treatment facility inspections were completed daily.
- 2) Wastewater facility and lift station checks were done every Mon, Wed, and Fri.
- 3) Monthly lift station maintenance (check amps, clean floats, inspect wet well, etc.) -4/22.
- 4) Weekly water testing was completed.
- 5) Water meters were read on 4/22.
- 6) Monthly fluoride report was submitted to Minnesota Department of Health on 4/1.
- 7) Monthly Discharge Monitoring Report was submitted to MPCA on 4/1.
- 8) I missed a MDH required bacteria test during a busy week in early March resulting in a notice of violation. After discussing this with MDH, I have learned that there will be no enforcement action or fine. We will double check our sampling schedule for 2019 and make sure we don't miss another.
- 9) We worked with Karl Moon (Moon Lighting and Electrical) and replaced the electrical panel at the Brown Street lift station.
- 10) Lift station valve vaults were inspected and isolation valves exercised.
- 11) Fire hydrants on the City's water distribution system were flushed, exercised, and oiled on 4/18.
- 12) Lift station telemetry unit batteries were replaced. We do this every 2-3 years to make sure the units will perform in a power outage.
- 13) Iron and manganese solids were pumped from our reclaim tank in the water treatment plant to the seepage basin behind the facility. This is done on an annual basis.

**Water / WW Report respectfully submitted by Andrew Schwartz - Operations Manager,
Pine River Area Sanitary District**

Please call cell 320-232-5787 with any questions/concerns or 24-hour emergency at 218-851-9060