



Memorandum

To: Peter Thomas, CAO
From: Dolan Isaac, Public Works Foreman
Date: March 23, 2022
Re: Public Works Department Report for February 24 to March 23, 2022

Projects

- The mulching of the trees west of the Rage ball diamond, and east side between the tracks and Dika's was completed on March 16. Preparation prior to the mulching was to pin find any metal debris and remove, mark out the 30 feet from rail no work zone, and mark out the CN fence inside the work area. These items were done by Public Works on March 8/9. Public Works was onsite during the mulching to remove CN fence and any other debris as it was exposed by the mulching. Some leveling and grading of the area to define ditch and improve the visuals will be done by Public Works once frost is gone and dry enough to bring equipment into area. The cost to the Village for the actual mulching was minimal, we incurred the cost of the operator and fuel for the mulcher. Operator \$800 for the 8 hours, 481.5 litres. of dyed diesel, and \$40 of DEF. The mulcher unit time was a donation by Western Canadian Mulching, this saved us the hourly charge of \$540 per hour for a total of \$4,320. A big thank you goes out to Bill Hawrylenko for the referral to WCM and to WCM for donating the mulcher!
- The East side Dog Park fencing contractor and the WTP roofing contractor were chosen. Public Works will be working with to set up a time frame to start the work on both projects.
- Dog park benches were put together and decorative Hydrants completed, both are ready for install in the dog parks.

Water and sewer

- February 24 the Actizyme pails were put together for distribution to residents at the most southernly end of our sewer collection lines. This is an annual program that starts May 1 and goes to Oct 1. Participating residents along the south end of the Village are given a pail with enough 1lb Actizyme bags to flush down their toilets once a month. This program is on its 3 year. The Actizyme product is what we have been using for many years to treat our sewage at the lagoons, it is a live bacterium that consumes organics, FOG (fats, oils, grease). Its use minimizes odor and solids in our sewer lines all the way down to our lagoons. Solids reduction is important for lagoon retention capacities and cleaner collection lines, minimizing the need of mechanical cleaning in both areas.

- February 27 Public Works had a call out to a resident at 4627-46a Avenue. Water leak under trailer and the freeze plate on the water meter also broken by freezing. Resident shut the water off at their isolation valve under the trailer and Public Works installed a new freeze plate. Resident did their own repairs to their line at an unknown date. Resident was told the water meter needed to be moved from under to inside the trailer by June 31/ 22. Public Works will inspect once moved.
- February 28 a color complaint was received from a truck fill customer. Public Works confirmed a staining of the water and notified GWST. GWST was already changing the chemical dosage to counteract the color issue they had noticed a few days prior when they had switched back to the 18m after filling from the river. Color issue has been rectified since.
- A 0 read on a resident's water meter was found by the office and when Public Works went to inspect, it was found that the battery pack had been removed and was blamed on the cat. We reinstalled the battery pack and the tamper proof security wire.
- March 5 at 10:38 am an after-hours call was received on the Public Works Foreman's for a sewer backup at 4424-46 avenue. A sewer snake was requested and brought to site. Started checking manholes down stream of the residents and found MH 60 was full to the lid, continued opening manhole lids downstream until MH 66 was found empty with no flow coming from up stream. A hydro vac was called, and they arrived at 1:14 pm to flush the line. The blockage was cleared at 5:17 pm and continued flushing until 6:30 to make sure line was clear. Note: this section of sewer line from MH66 to MH65 is not lined and runs underneath the rail yard. The 2016 video footage of this section of sewer line was reviewed and shows the videoing was not completed due to an obstruction. Cleaning and videoing this section of sewer line is priority when we start the sewer lining project this year.
- March 7 2 x 2lb bags of Actizyme were put into MH65 to help clear any FOG and solids in this line.
- A split air line was repaired on the air system at the 43m the poly fittings were also replaced on the freeze tanks with brass fittings for durability and ease of use.
- March 11 a report of high-water consumption was made by resident at 4624-49 street. A data log was completed, and house was inspected for any leaks at fixtures. The information from the data logger showed a consistent use warning in the previous month and Public Works found a toilet with a 2-minute flush cycle which is twice as long as the average. All information was passed onto the resident.
- March 16 turn water off and on at CC to allow the Victory church to change out their isolation valve inside.
- 3 high level alarms are all we have received from the sewer lift station during this year's spring melt. Have not noted any flow out our overflow during any of the high-level alarms.
- March 18, we started once again to pump water from the Spirit River to fill our reservoirs. We started filling the 8m.
- March 19 at 7:48 pm a call out was received from the arena caretaker about a sewer backup in dressing rooms #1 and #2. Water was shut off to both areas and hockey players had to use the facilities in the other change rooms. There was a tournament playing at the arena and at the time of the call out they were playing their last game. Brenton plumbing was called and arranged to come in on the following Monday to clear the blockage.

Streets

- February 24 a street marker sign was hit by a vehicle and broken off, sign was removed from location and new post will be installed once lack of frost allows.
- March 2 was the final snowplow of this report.
- March 4 the cattails were plowed off at ice level in the ditches in the northeast corner of the Village to promote ease of melt water flow
- Culvert steaming and drainage maintenance started full swing on March 17 for the second time this season.
- The night of March 18 saw a flood in the northeast corner of the Village. The water was on roadway at the intersection of 44 street and 46A avenue approximately 200 feet to the south and west. The water did not recede until noon on the 19.
- Saddle Hills Ventures was brought in to steam culverts in the sub-division on March 19 as our steamer needed repairs which could not be done until March 21.
- Potholes that had formed at the edge of the dig site on 51 street were filled with gravel on March 22.
- Spot repairs to gravel roads in the Village are being done as needed and where dry enough to work. Grading of all gravel roads will happen as soon as the melt finishes.

Other

- Update our equipment/fleet information with Central Peace Regional Emergency Management.
- Square footage of the caboose was measured, and paint ordered after being color matched to paint chips.
- Chainsaw safety course will be hosted by Rycroft at the Public Works shop on April 13
- Public Works Supervisor Level 2 course has been booked for Dolan April 24 to 29
- One first call locate was completed by Public Works on March 11.
- Shim plates on the crown gear of the grader were removed, clean, reinstalled, and adjusted to remove excessive slack on March 15.
- The steering box on the Dodge 1 ton was noted to be leaking during our weekly vehicle inspections. A seal kit was ordered and will be installed by Public Works
- Public Works invited the Mayor and a councillor for a drive around inspection of the melt water flow in the Village on the night of March 17 at 9:30 pm.
- Mechanic was in on March 19 to do the service work, repairs and inspection of the grader and the hoe. A belt change on the grader, engine front seal and front axle seals on the hoe need to be repaired yet. These repairs will be done once the parts are in for both units.