

2022 Public Works/WWTP Tracking					
		<u>March</u>	<u>Year-to-Date</u>	<u>March</u>	<u>Year-to-Date</u>
<u>ENGINEERING 2022</u>					
	Landfill Leachate Pumpage (gallons)	448,431	1,437,146	723,987	1,936,911
	Precipitation	6.97	8.00	1.07	3.47
	Number of Encumbrance property checks	37	79	30	85
<u>STREET DIVISION 2022 (Manhours)</u>		<u>March</u>	<u>Year-to-Date</u>	<u>March</u>	<u>Year-to-Date</u>
	Work for Engineering				
	Shop/Vehicle Maintenance	449	1,689	431	1,209
	Street Maintenance	91	104	113	180
	Street Cleaning	56	56	137	137
	Street Signs/Painting	80	179	111	232
	Snow & Ice	182	611	205	685
	PT Snowplowers	26	26		317
	Bridge - maintenance	4	5	7	9
	Old Dump/Landfill/River Sediment				
	17th Street Bridge opening	10		14	37
	Storm Sewers				
	Refuse/Garbage	4	4		
	Recycling/Leaf Collection		10		27
	Weed Cutting				
	Work for Others	14	45	131	297
	Special Events				
	Landfill Maintenance				
	Landfill Sampling				
	PBS Sewers	10	24	10	28
	Salted Streets	3	15	3	12
	Plowed all city streets	1	5		4
	Open 17th Street Bridge	46	128	42	101
<u>WASTEWATER UTILITY 2022</u>		<u>March</u>	<u>Year-to-Date</u>	<u>March</u>	<u>Year-to-Date</u>
	Wastewater Treated, Gallons	62,971,000	165,935,000	63,588,000	173,926,300
	MONTHLY AVERAGE: Daily Flow, Gallons	2,031,000	1,836,333	1,872,000	2,320,301
	MONTHLY AVERAGE: Daily BOD, Lbs.	4,255	4,273	3,722	4,156
<u>Plant Discharges (MONTHLY AVERAGE)</u>					
	Biological Oxygen Demand (BOD), mg/l	8.30	8.60	8.7	9.07
	Suspended Solids, mg/l	4.20	5.37	5.8	6.93
	Ammonia, mg/l	0.55	0.37	1.11	0.71
	Phosphorus, mg/l	0.25	0.23	0.26	0.35
	Fecal Coliform, per 100ml	20.00	22	14	17.33
	pH, Min (6.0)	6.50	6.6	6.8	6.80
	pH, Max (9.0)	6.80	6.9	7	7.00
<u>Chemicals</u>					
	Polymer, Gallons	88	264	88	264
	Ferric Chloride, Gallons	2,410	7,371	2,188	6,047
	Chemical Purchases for the month	\$ -	\$ 18,448.56	\$ 6,100.80	\$ 6,100.80
	Mishicot Payment to City	\$ 7,316.96	\$ 17,275.13	\$ 7,310.77	\$ 17,962.08
	Emergency call-ins	2	8	1	7

March 2022 Public Works Narrative Tasks**ENGINEERING 2022****Lead water services and Sanitary Sewer lateral Replacement**

- Project was bid February 23, with Essential Sewer & Water being the low bidder
- Project includes replacement of 50 lead water services, and adjacent sewer laterals

Eggers Pond, (near 20th St & East River St)

- City staff and consultant continue to work on project coordination
- Contract was bid June 2, with Superior Sewer & Water being the low bidder.
- Contractor completed excavation and clay liner March 4
- Storm sewer installation expected in mid April, weather permitting

Pine Tree Drive Lift Station

- Project to rehabilitate existing sanitary lift station at 23rd & Pine Tree Drive
- Contract was bid April 29, with Advance Construction being the low bidder
- Contract work performed throughout March
- Station startup expected in early April

17th Street Reconstruction

- Limits from East Street to Zlatnik Drive, and East Park Street to Jefferson Street
- Project was bid on February 23, with low bid from Jossart Bros. Construction
- Project includes reconstruction of street and underground utilities (excluding sewer main from East Street to Zlatnik, as this is lined)
- Electric Dept is looking at costs to convert overhead power to underground facilities
- Public Information Meeting scheduled for April 14

Pierce Court Drainage

- Staff is coordinating with consultant on cleaning drainage ditch which drains the Pierce Court area
- Work is planned based on drainage channel siltation, causing water in the channel.

Shoreline Protection

- Staff and consultant submitted the permit application for shoreline protection placed at DPW/WWTP area, Eggers Pond Site, Lot F, and Neshotah Pond area, as required by DNR.
- Storm Lateral, and mini storm sewer work continues to be considered to help provide location for sump pump discharge, and reduce inflow into sanitary sewer.

STREET DIVISION 2022

- 17th St. Bridge Openings (46)
- Fill Potholes / ColdMix
- Clean Up Broken Glass From Vandalism At Neshotah Park Bus Shelter
- Clean / Pressure Wash Concrete Equipment
- Salt Red And Blue Routes (3 times)
- Plow City Streets (1 time)
- Plow And Salt City Walks
- Remove Snow From Corners / Curb Lines
- Push Up Snow Dumps
- Fill Sand Barrels
- Televise Sanitary / Storm Sewers
- PBS Sewers (10) City Main Open (8) City Main Not Open (2)
- Biweekly / Monthly Sewers
- Annual Sewers
- Open Storm Sewer Outfalls (3 times)
- Street Sweeping
- Haul Street Sweepings To Landfill
- Sanitary Sewer Inspections
- StormWater Pond Inspections
- Repair / Replace Traffic Signs
- Install New City Logo On All City Park Signs
- Remove Curb And Inlet Markers

WASTEWATER UTILITY 2022