

2022 Public Works/WWTP Tracking			2022		2021	
			October	Year-to-Date	October	Year-to-Date
<b>ENGINEERING 2022</b>						
		Landfill Leachate Pumpage (gallons)	383,999	5,982,624	541,810	5,896,934
		Precipitation	1.15	29.13	2.82	30.07
		Number of Encumbrance property checks	22	274	21	305
<b>STREET DIVISION 2022 (Manhours)</b>						
			<b>October</b>	<b>Year-to-Date</b>	<b>October</b>	<b>Year-to-Date</b>
53200		Shop/Vehicle Maintenance	440	4,453	229	3,853
53300		Street Maintenance	174	1,234	132	1,488
53310		Street Cleaning	122	908	66	951
53320		Street Signs/Painting	2	557	4	818
53330		Snow & Ice	5	732		746
53337		PT Snowplowers		26		317
53380		Bridge - maintenance		22		36
53381		17th Street Bridge opening		316	2	368
53620		Refuse/Garbage		4		2
53625		Recycling/Leaf Collection	164	174	90	117
53640		Weed Cutting		256	10	219
53650		Work for Others	667	3,929	411	4,087
53700		Landfill Maintenance	3	53		107
53710		Landfill Sampling		13		11
*****		PBS Sewers	1	47	2	52
*****		Salted Streets		15		12
*****		Plowed all city streets		5		4
*****		Open 17th Street Bridge		747	3	1022
<b>WASTEWATER UTILITY 2022</b>						
			<b>October</b>	<b>Year-to-Date</b>	<b>October</b>	<b>Year-to-Date</b>
		Wastewater Treated, Gallons	54,244,000	595,219,500	69,908,000	1,205,665,000
		MONTHLY AVERAGE: Daily Flow, Gallons	1,750,000	2,180,700	2,255,000	2,320,301
		MONTHLY AVERAGE: Daily BOD, Lbs.	4,631	4,321	3,448	4,156
<b>Plant Discharges (MONTHLY AVERAGE)</b>						
		Biological Oxygen Demand (BOD), mg/l	7.00	6.87	6.60	9.76
		Suspended Solids, mg/l	8.20	5.71	6.90	8.79
		Ammonia, mg/l	0.05	0.23	0.08	0.63
		Phosphorus, mg/l	0.31	0.25	0.51	0.43
		Fecal Coliform, per 100ml	24.00	18	14.00	56.60
		pH, Min (6.0)	6.70	6.7	6.90	6.84
		pH, Max (9.0)	6.80	6.9	7.10	7.05
<b>Chemicals</b>						
		Polymer, Gallons	88	880	88	880
		Ferric Chloride, Gallons	2,614	24,795	2,586	21,400
P&Fonly		Chemical Purchases for the month	\$ 11,681.75	\$ 56,807.95	\$ 6,172.96	\$ 31,692.76
		Mishicot Payment to City	\$ 5,041.99	\$ 67,263.78	\$ 6,906.24	\$ 69,624.29
		Emergency call-ins	3	14	1	18

**October 2022 Public Works Narrative Tasks**

**ENGINEERING 2022**

**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
- Started water main construction July 25.
- Completed underground utilities Sept 28
- Grading and gravelling operations completed Sept. 30
- Mainline paving operations completed Oct 21
- Concrete apron, sidewalk and miscellaneous paving to begin and completed in November
- Anticipating terrace restoration to be completed in the middle to end of November

**Lead water services and Sanitary Sewer lateral Replacement**

- Project was bid February 23, with Essential Sewer & Water being the low bidder
- Contractor started work on other laterals August 1. Substantial completion of 52 service replacements October 5
- Completed Adams Street concrete work October 31

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

- City staff and consultant continue to work on project coordination
- Contract was bid June 2, 2021, with Superior Sewer & Water being the low bidder.
- Pond plantings installed in August; Prairie plantings (around the pond) scheduled for October
- Street paving on 20th Street is expected to occur by early November

**Street Improvement Grants**

- Staff submitted additional applications in early June for street improvement grants for years 2023-2027.
- DOT notified City of grant for resurfacing Emmet Street (17th to 22nd)
- Work would be scheduled for 2025.

**Pierce Court Drainage**

- Staff is coordinating with a consultant on cleaning a drainage ditch which drains the Pierce Court area

**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.

**Sidewalk Repair**

- Future contract(s) to be bid for additional sidewalk complaint areas, as marked in prior years/.
- Staff is responding to additional complaints, for which notices have been sent to affected residents.
- 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 ( 18 )
- Set Up Barricades For Fireworks
- Set Up Detour For Ethnic Fest
- PBS Sewers ( 3 ) City Line Was Open All Three
- Biweekly / Monthly Sewers
- Hydro Vac At WWTP
- Hydro Vac For Electric Dept.
- Street Openings / Service Lateral Repairs
- Clean Storm Sewer Grates
- Fill Potholes With Cold Mix
- Street Sweeping
- Haul Street Sweepings To Landfill
- Salt Brine Tank / Empty / Clean /Repair / Refill
- Paint Parking Stalls Senior Center
- Repair Replace Street Signs
- Make Specialty Signs

**WASTEWATER UTILITY 2022**