

2022 Public Works/WWTP Tracking			2022		2021	
			September	Year-to-Date	September	Year-to-Date
<b>ENGINEERING 2022</b>						
		Landfill Leachate Pumpage (gallons)	563,880	5,598,625	573,226	5,355,124
		Precipitation	2.40	27.98	0.86	27.25
		Number of Encumbrance property checks	31	252	35	284
<b>STREET DIVISION 2022 (Manhours)</b>			<b>September</b>	<b>Year-to-Date</b>	<b>September</b>	<b>Year-to-Date</b>
53200		Shop/Vehicle Maintenance	391	4,013	387	3,624
53300		Street Maintenance	121	1,060	209	1,356
53310		Street Cleaning	121	786	127	885
53320		Street Signs/Painting	32	555	40	814
53330		Snow & Ice	8	727		746
53337		PT Snowplowers		26		317
53380		Bridge - maintenance	7	22		36
53375		Old Dump/Landfill/River Sediment				
53381		17th Street Bridge opening	17		15	366
53440		Storm Sewers				
53620		Refuse/Garbage		4	2	2
53625		Recycling/Leaf Collection		10		27
53640		Weed Cutting	17	256	39	210
53650		Work for Others	455	3,262	558	3,677
53700		Landfill Maintenance	4			
53710		Landfill Sampling				
*****		PBS Sewers	3	46	5	50
*****		Salted Streets		15		12
*****		Plowed all city streets		5		4
*****		Open 17th Street Bridge	18	747	39	1019
<b>WASTEWATER UTILITY 2022</b>			<b>September</b>	<b>Year-to-Date</b>	<b>September</b>	<b>Year-to-Date</b>
		Wastewater Treated, Gallons	59,464,000	540,975,500	88,852,000	1,135,757,000
		MONTHLY AVERAGE: Daily Flow, Gallons	1,982,000	2,228,556	2,795,000	2,320,301
		MONTHLY AVERAGE: Daily BOD, Lbs.	4,007	4,286	4,164	4,156
<b>Plant Discharges (MONTHLY AVERAGE)</b>						
		Biological Oxygen Demand (BOD), mg/l	6.70	6.86	7.70	10.11
		Suspended Solids, mg/l	8.20	5.43	10.10	9.00
		Ammonia, mg/l	0.05	0.25	0.05	0.69
		Phosphorus, mg/l	0.32	0.24	0.56	0.42
		Fecal Coliform, per 100ml	27.00	17	50.00	61.33
		pH, Min (6.0)	6.70	6.7	6.90	6.83
		pH, Max (9.0)	7.00	6.9	7.00	7.04
<b>Chemicals</b>						
		Polymer, Gallons	88	792	88	792
		Ferric Chloride, Gallons	2,564	22,181	2,121	18,814
P&Fonly		Chemical Purchases for the month	\$ 7,690.41	\$ 45,126.20	\$ -	\$ 25,519.80
		Mishicot Payment to City	\$ 5,499.04	\$ 62,221.79	\$ 8,201.71	\$ 62,718.05
		Emergency call-ins		11		17

<b>September 2022 Public Works Narrative Tasks</b>	
<b><u>ENGINEERING 2022</u></b>	
	<b><u>17th Street Reconstruction</u></b>
	- 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 expected to commence October 4. Paving operations are expected to last 3 to 4 weeks.
	<b><u>Lead water services and Sanitary Sewer lateral Replacement</u></b>
	- 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
	<b><u>Eggers Pond, (near 20th St &amp; East River St)</u></b>
	- 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
	<b><u>Street Improvement Grants</u></b>
	- 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.
	<b><u>Pierce Court Drainage</u></b>
	- Staff is coordinating with a consultant on cleaning a drainage ditch which drains the Pierce Court area
	<b><u>Shoreline Protection</u></b>
	- 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.
	<b><u>Sidewalk Repair</u></b>
	- 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.
<b><u>STREET DIVISION 2022</u></b>	
	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
<b><u>WASTEWATER UTILITY 2022</u></b>	