

2022 Public Works/WWTP Tracking			2022		2021	
			August	Year-to-Date	August	Year-to-Date
ENGINEERING 2022						
		Landfill Leachate Pumpage (gallons)	427,242	5,034,745	509,855	4,781,898
		Precipitation	3.08	25.58	8.29	26.39
		Number of Encumbrance property checks	27	221	41	249
STREET DIVISION 2022 (Manhours)			August	Year-to-Date	August	Year-to-Date
53200		Shop/Vehicle Maintenance	346	3,623	248	3,237
53300		Street Maintenance	165	939	164	1,148
53310		Street Cleaning	123	666	61	758
53320		Street Signs/Painting	70	523	94	774
53330		Snow & Ice		719		746
53337		PT Snowplowers		26		317
53380		Bridge - maintenance	4	15		36
53375		Old Dump/Landfill/River Sediment				
53381		17th Street Bridge opening	46		32	351
53440		Storm Sewers				
53620		Refuse/Garbage		4		
53625		Recycling/Leaf Collection		10		27
53640		Weed Cutting	80	239	32	171
53650		Work for Others	473	2,807	480	3,119
53700		Landfill Maintenance			44	
53710		Landfill Sampling				
*****		PBS Sewers	3	43	3	45
*****		Salted Streets		15		12
*****		Plowed all city streets		5		4
*****		Open 17th Street Bridge	108	729	188	980
WASTEWATER UTILITY 2022			August	Year-to-Date	August	Year-to-Date
		Wastewater Treated, Gallons	66,217,000	481,511,500	104,127,000	1,046,905,000
		MONTHLY AVERAGE: Daily Flow, Gallons	2,136,000	2,259,375	3,359,000	2,320,301
		MONTHLY AVERAGE: Daily BOD, Lbs.	4,374	4,321	4,519	4,156
Plant Discharges (MONTHLY AVERAGE)						
		Biological Oxygen Demand (BOD), mg/l	5.70	6.88	7.00	10.41
		Suspended Solids, mg/l	6.50	5.09	7.90	8.86
		Ammonia, mg/l	0.09	0.28	0.20	0.77
		Phosphorus, mg/l	0.28	0.23	0.47	0.40
		Fecal Coliform, per 100ml	17.00	16	50.00	62.75
		pH, Min (6.0)	6.80	6.7	6.90	6.83
		pH, Max (9.0)	6.90	6.9	7.00	7.05
Chemicals						
		Polymer, Gallons	88	704	88	704
		Ferric Chloride, Gallons	2,618	19,617	2,121	16,693
P&Fonly		Chemical Purchases for the month	\$ -	\$ 37,435.79	\$ -	\$ 25,519.80
		Mishicot Payment to City	\$ 6,062.55	\$ 56,722.75	\$ 10,166.23	\$ 54,516.34
		Emergency call-ins	1	11	1	17

August 2022 Public Works Narrative Tasks

ENGINEERING 2022

Lead water services and Sanitary Sewer lateral Replacement

- Essential Sewer and Water began replacing sewer and water services August 1
- Currently have replaced 23 services throughout the City
- City posted information on social media September 2nd regarding funding options
- Expect contract work to be completed in October

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.
- Street paving on 20th Street is expected to occur in early October
- Pond Plantings and prairie plantings (around pond) will continue through early October

17th Street Reconstruction

17th Street (Zlatnik to East Street)

- Completed water main and public services
- Started placing storm sewer August 31st
- Started installing private services September 6th
- Expect to start grading and graveling operations late September

17th St (East Park St to Jefferson St)

- Expect to commence construction in late September

Street Improvement Grants

- Staff submitted additional applications in early June for street improvement grants for years 2023-2027. Applications were submitted for Roosevelt Ave, East River St, Lincoln St, 23rd St (West of Lincoln Ave), Emmet St, 13th/Monroe Streets, 26th/Williams/27th Streets, Neshotah Rd, Pierce St, Jefferson St, and School St (10th-14th).

Pierce Court Drainage

- Staff is coordinating with a consultant on cleaning a drainage ditch which drains the Pierce Ct 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.

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 (108)

Remove Sand From Trail Along Lake

Fill Potholes With Cold Mix

Street Openings / Service Lateral Replacements

PBS Sewers (3) City Main Was Open All Three

Biweekly / Monthly Sewers

HydroVac Pits At WWTP

Street Sweeping

Haul Sweepings To Landfill

Weed Cutting / Trimming

Hydro Sandblast Painted Parking Lines At The Senior Center

Load Sludge After Regular Working Hours