

JANUARY
2024



PUBLIC WORKS MONTHLY REPORT



**TWO
RIVERS**
WISCONSIN

ENGINEERING

ROOSEVELT AVENUE



Public Works held a public informational meeting on January 11, 2024. Approximately 20 properties were represented and we have talked with a few others since then. Engineering met with Holy Family Memorial Clinic on February 2 to discuss the project and access/service to the clinic during construction. Overall, the project has been well received.

The project is out for bid and is scheduled to be opened on February 13, 2024. We will review the bids, make an award recommendation, and prepare final assessment documentation so that we can hold a Public Meeting at the March 4, 2024, City Council meeting. There is a lot of contractor interest in this project with 21 entities holding plan sets. We have also reached out to Frontier to try and eliminate the second set of overhead lines and power poles.



Landfill

Consultant provided us with a preliminary copy of plans and specifications for City review. These were completed and sent back to the consultant for updates.

Engineering Cont'd

2024 Scattered Lead Service Lateral Replacements

DPW and Water Utility are still looking into 'alternative funding sources' through the WDNR called "Alternative Revenue Pledge." We just received information from WDNR and are looking into the feasibility of being able to obtain funding in 2024. It would be using Bi-Partisan Infrastructure Loan (BIL) dollars supplied to the state. This potentially would require the City to create an "LSL Funding Utility" and make some additional ordinance revisions. It would allow the City to then loan out these dollars to property owners with repayment terms, etc. Borrowing and lending this money would not require PSC approval. Additional information forthcoming.

Sandy Bay Highlands

Awaiting responses regarding the filling of a small wetlands within the proposed cul-de-sac. Hoping that those responses will be coming soon so that additional design work can be completed to get this project out for bid.

2024 Sidewalk Replacement

We will be looking at doing sidewalk inspections in the northeast portion of the City north of 22nd Street.



PUBLIC WORKS

Snow Update

The January large snow event went well for the amount of snow that we received. It should be noted that two trucks broke down as well as a Toolcat sidewalk machine. Overall, the DPW crews did a great job.



Street Repairs

Public Works made four street repairs this month for a sewer lateral replacement, water service repair, sewer main repair and water main break.

WASTEWATER

Screw Press

All electrical components are now on site. The project electricians have run a lot of the necessary conduits and wiring as well as installing the control panel, two motor controllers and cabinets. Once installed, the cut over from the existing electrical to the new service can begin. Startup hopefully by the end of February with some time to work out any unforeseen bugs.

Riverside Foods

Staff met with Riverside Foods in late January where they provided a plan but are missing some details. They are proposing to install a 6,000 gallon grease interceptor to try and settle out and capture the fat, oil and grease that are making its way to the wastewater plant. An official plan submittal was made late afternoon February 6, 2024. Staff has noted that Riverside Foods has ramped up production over the last three months and increased waste is notable down at the treatment plant. The next scheduled meeting is March 12.

2024 Public Works/WWTP Tracking		2024		2023	
		January	Year-to-Date	January	Year-to-Date
ENGINEERING 2024					
	Landfill Leachate Pumpage (gallons)	473,432	473,432	742,838	6,737,866
scott	Precipitation	2.51	2.51	1.48	28.33
sue	Number of Encumbrance property checks	19	19	19	260
scott/bill	Digger's Hotline Locates	31	31	18	1030
STREET DIVISION 2024 (Manhours)		January	Year-to-Date	January	Year-to-Date
53200	Shop/Vehicle Maintenance	871.00	871	532.00	7,950
53300	Street Maintenance	16.00	16	30.00	709
53310	Street Cleaning	5.00	5	23.00	674
53320	Street Signs/Painting	23.00	23	105.50	1,241
53330	Snow & Ice	1282.00	1,282	624.50	2,759
53337	PT Snowplowers				71
53380	Bridge - maintenance	21.50	22		
53381	17th Street Bridge opening			28.00	289
53620	Refuse/Garbage				1
53625	Recycling/Leaf Collection	19.00	19	9.00	1202
53640	Weed Cutting				197
53650	Work for Others	47.00	47	300.50	3,852
53700	Landfill Maintenance				126
53710	Landfill Sampling				13
*****	PBS Sewers	3	3	4	35
*****	Salted Streets	2	2	9	22
*****	Plowed all city streets	8	8	1	6
*****	Open 17th Street Bridge	42	42	42	415
WASTEWATER UTILITY 2024		January	Year-to-Date	January	Year-to-Date
	Wastewater Treated, Gallons	58,172,000	58,172,000	59,651,000	775,163,000
	MONTHLY AVERAGE: Daily Flow, Gallons	1,877,000	1,877,000	1,924,000	2,122,417
	MONTHLY AVERAGE: Daily BOD, Lbs.	4,190	4,190	4,175	4,104
Plant Discharges (MONTHLY AVERAGE)					
	Biological Oxygen Demand (BOD), mg/l	10.8	10.80	7.7	11.38
	Suspended Solids, mg/l	9.5	9.50	7.4	7.20
	Ammonia, mg/l	0.33	0.33	0.11	0.81
	Phosphorus, mg/l	0.32	0.32	0.41	0.36
	Fecal Coliform, per 100ml	22	22	10	57
	pH, Min (6.0)	6.8	6.8	6.6	6.8
	pH, Max (9.0)	7.1	7.1	6.8	7.1
Chemicals					
	Polymer, Gallons	88	88	88	1056
	Ferric Chloride, Gallons	2,596	2,596	2,367	28,770
P&Fonly	Chemical Purchases for the month	-	\$ -	-	\$ 55,089.47
	Mishicot Payment to City	\$ 6,665.80	\$ 6,665.80	\$ 6,673.30	\$ 83,658.12
	Emergency call-ins	2	2	2	20