

MARCH
2024



PUBLIC WORKS MONTHLY REPORT



TWO
RIVERS
WISCONSIN



Local Traffic Only

**ROOSEVELT AVENUE
PROJECT LOCATION**



Landfill

We are still awaiting WDNR approval on the modified work plan to deal with the seep in the westerly portion of the north landfill.

Engineering Cont'd

2024 Scattered Lead Service Lateral Replacements

City council took action by modifying city ordinances to lay the framework of allowing the city to borrow Safe Drinking Water Fund money. By doing this, it allows the city the ability to loan out those dollars to private residences for the replacement of lead and galvanized iron water services.

The Public Utilities Committee was informed as to how engineering and water utility presently create estimates with an overview of a revised estimate form and an updated agreement form. The updates to the forms outline the current terms as to when full payment for the water services would be due and what payment options exist if the balance of work is in excess of \$250 with the ability to finance the balance over a period of five years.

A rectangular box with a dark red border containing a landscape image of rolling green hills under a blue sky. The text "Sandy Bay Highlands" is overlaid in white.

Sandy Bay Highlands

The WDNR has issued a determination that the small wetland within the proposed cul-de-sac is exempt and that we will be able to fill it in as part of our proposed project. We are still awaiting the final WDNR paperwork prior to finalizing utility and pavement designs. Hoping to have construction underway in late spring of 2024.

PUBLIC WORKS

Snow Update

Public Works brined once during March as well as salted salt routes two times and plowed the entire city once.



Sidewalk Replacement

Engineering staff have started looking at and marking some sidewalks in the upper northeast portion of the city prior to the last two snow events and will continue marking out sidewalks as time and conditions allow.

Public Works staff has undertaken a few sidewalk repair projects up near Vietnam Veterans Park.

Public Works staff are also addressing poor sidewalk around the Community House/Senior Center. These repairs are coming out of the sidewalk repair fund, so our sidewalk contract could be smaller than anticipated due to these much needed sidewalk repairs.

Sewer Work

Public Works cleaned biweekly and monthly sewers as well as two sections of annual sewers.



WASTEWATER

Screw Press

The screw press is still running. The past two weeks have been producing much drier sludge and it is a learning curve on what should be done to keep it consistent.

Riverside Foods

The Public Utilities committee was provided a copy and overview of the right-of-way privilege agreement that will be discussed at the City Council meeting. In short, Riverside Foods is proposing to install and modify private process sewers under Wilson Street from the west side to a grease trap on the east side of Wilson Street to aid in managing the fat, oil and grease (FOG) being discharged from their facility. This is to aid in minimizing these FOG issues within the public collection system and at the wastewater treatment plant.

2024 Public Works/WWTP Tracking			2024		2023	
			March	Year-to-Date	March	Year-to-Date
ENGINEERING 2024						
		Landfill Leachate Pumpage (gallons)	564,777	2,136,257	728,060	2,188,620
scott		Precipitation	1.89	4.81	3.2	9
sue		Number of Encumbrance property checks	26	69	14	55
scott/bill		Digger's Hotline Locates	126	197	71	107
STREET DIVISION 2024 (Manhours)			March	Year-to-Date	March	Year-to-Date
53200		Shop/Vehicle Maintenance	873.00	2,385	519.25	1,646
53300		Street Maintenance	13.00	152	50.00	129
53310		Street Cleaning	192.00	271		23
53320		Street Signs/Painting	185.50	342	37.00	182
53330		Snow & Ice	102.75	1,500	840.50	2,502
53337		PT Snowplowers			18.00	71
53380		Bridge - maintenance		22		
53381		17th Street Bridge opening	1.00	3	8.50	60
53620		Refuse/Garbage				1
53625		Recycling/Leaf Collection		19		9
53640		Weed Cutting				
53650		Work for Others	465.50	550	55.00	381
53700		Landfill Maintenance				1
53710		Landfill Sampling				
*****		PBS Sewers	5	13	3	11
*****		Salted Streets	2	7	3	20
*****		Plowed all city streets	1	10	1	6
*****		Open 17th Street Bridge	6	56	44	113
WASTEWATER UTILITY 2024			March	Year-to-Date	March	Year-to-Date
		Wastewater Treated, Gallons	56,982,000	171,975,000	90,610,000	201,626,000
		MONTHLY AVERAGE: Daily Flow, Gallons	1,947,000	1,927,667	2,923,000	6,681,000
		MONTHLY AVERAGE: Daily BOD, Lbs.	5,546	4,764	3,877	12,140
Plant Discharges (MONTHLY AVERAGE)						
		Biological Oxygen Demand (BOD), mg/l	8.3	9.80	15.3	56
		Suspended Solids, mg/l	5.1	7.40	6.0	31
		Ammonia, mg/l	0.43	0.36	1.43	5
		Phosphorus, mg/l	0.23	0.29	0.19	1
		Fecal Coliform, per 100ml	27	37	61	388
		pH, Min (6.0)	6.8	6.8	6.8	20
		pH, Max (9.0)	7.1	7.1	7.1	21
Chemicals						
		Polymer, Gallons	88	264	88	264
		Ferric Chloride, Gallons	2,418	7,250	2,410	6,890
P&Fonly		Chemical Purchases for the month	-	\$ -	-	11,498
		Mishicot Payment to City	\$ 6,967.17	\$ 20,927.56	\$ 11,824.13	24,171
		Emergency call-ins	2	6	2	6