

FEBRUARY

2025

PUBLIC WORKS
MONTHLY
REPORT



**TWO
RIVERS**
WISCONSIN

ENGINEERING

2025 RECONSTRUCTION UPDATE

Discussions with the WDNR, they believe that they will have appropriate funding for 2025 projects. Based on that information along with advice from our consultant that if the funding should be confirmed, the city would still need to meet the WDNR deadline for awarding and executing contracts and returning them to the WDNR by the end of May, 2025. Therefore, the Harbow Street, 16th Street and Emmet Street project is out for bid to be opened on March 20th. The intent is not to award for several weeks (end of April) to allow time for the special assessment process to occur.



EAST SIDE 2025 LEAD SERVICE LATERAL PROJECT

Public Works is pushing forward and anticipate to advertise for this project the last week of March with bid opening approximately mid-April. Staff has identified approximately 150 private side water services that will be required to be replaced; however, there are closer to 200 public side water services in the same area. Hopefully contract prices along with project contingencies will be sufficient to cover these additional public side water service costs for this area or they will need to be addressed in a future contract.

ENGINEERING cont'd

SANDY BAY HIGHLANDS PHASE 3

With the February heavy rains there were reports of water flowing over the gravel roadway of Orchard Lane. Therefore, public works placed barricades to keep vehicles off the roadway to protect the investment that the city has made into this new subdivision.



LANDFILL

The landfill project has been bid and awarded. Construction to commence in March.



WASTEWATER

RIVERSIDE FOODS

During the last week of February, Public Works received a week's worth of sampling data from Riverside Foods. The BOD and SS values were considerably higher than 2023's sampling and is also much higher than acceptable city ordinance limits.

Riverside Foods requested a preliminary calculation of what their new sewer billing amount would look like based on these recent samples as both a Category A and Category B customer. Those values have been supplied to them and they are digesting the information and determining where to go from here.

Next meeting with Riverside Foods is scheduled for March 20th.

WASTE PUMP FAILURE

As previously noted, one of the 70-year old waste pumps has failed. Staff looked into possibly having it repaired, but there are no parts available. The only option is to replace. Because the other pump is just as old, it was determined to replace both pumps at the same time and keep the old functioning pump as a spare. We are presently managing to operate the final treatment processes on just one pump but should be back up and running normally in a few weeks.

2025 Public Works/WWTP Tracking			2025		2024	
			February	Year-to-Date	February	Year-to-Date
ENGINEERING 2025						
		Landfill Leachate Pumpage (gallons)	573,912	1,306,896	1,098,048	1,571,480
scott		Precipitation	1.28	1.31	0.41	2.92
sue		Number of Encumbrance property checks	21	31	24	43
scott/bill		Digger's Hotline Locates	18	56	40	71
STREET DIVISION 2025 (Manhours)			February	Year-to-Date	February	Year-to-Date
53200		Shop/Vehicle Maintenance	530.50	1,362	640.50	1,512
53300		Street Maintenance	44.00	63	123.00	139
53310		Street Cleaning	1.00	1	74.00	79
53320		Street Signs/Painting	105.50	224	133.00	156
53330		Snow & Ice	1265.50	1,426	115.50	1,398
53337		PT Snowplowers	60.00	60		
53380		Bridge - maintenance		8		1
53381		17th Street Bridge opening	5.75	11	1.50	22
53620		Refuse/Garbage				
53625		Recycling/Leaf Collection	131.00	143		19
53640		Weed Cutting				
53650		Work for Others	50.50	79	37.00	84
53700		Landfill Maintenance	6.00	6		
53710		Landfill Sampling				
*****		PBS Sewers	3	5	5	8
*****		Salted Streets	4	8	3	5
*****		Plowed all city streets	3	3	1	9
*****		Open 17th Street Bridge	26	49	8	50
WASTEWATER UTILITY 2025			February	Year-to-Date	February	Year-to-Date
		Wastewater Treated, Gallons	44,613,000	100,154,000	56,821,000	114,993,000
		MONTHLY AVERAGE: Daily Flow, Gallons	1,593,000	1,692,500	1,959,000	1,918,000
		MONTHLY AVERAGE: Daily BOD, Lbs.	4,989	4,875	4,555	4,373
Plant Discharges (MONTHLY AVERAGE)						
		Biological Oxygen Demand (BOD), mg/l	10.7	14.85	10.3	10.55
		Suspended Solids, mg/l	5.3	7.65	7.6	8.55
		Ammonia, mg/l	0.79	0.67	0.33	0.33
		Phosphorus, mg/l	0.22	0.30	0.32	0.32
		Fecal Coliform, per 100ml	35	56	61	42
		pH, Min (6.0)	6.6	6.7	6.9	6.9
		pH, Max (9.0)	7	7.0	7.1	7.1
Chemicals						
		Polymer, Gallons	88	176	88	176
		Ferric Chloride, Gallons	2,286	4,855	2,236	4,832
P&Fonly		Chemical Purchases for the month		\$ 11,679.00	\$ -	\$ 11,695.45
		Mishicot Payment to City	\$ 4,476.24	\$ 10,523.92	\$ 7,294.59	\$ 13,960.39
		Emergency call-ins	3	6	2	4