



JUNE 2024

PUBLIC WORKS MONTHLY REPORT



**TWO
RIVERS**
WISCONSIN

ENGINEERING

ROOSEVELT AVENUE



Completed installation of sanitary sewer main (12th St to Lowell Street).
Plan to resume installation of water main from 9th Street to Lowell Street.
Continue installation of sanitary and water services south/west of 10th Street
install storm sewer main as weather allows.



Engineering Cont'd

SANDY BAY HIGHLANDS PHASE 3

The initial portion of the project is out for bid with the advertised bid opening July 10th. The base bid area is the first part of Orchard Lane and the cul-de-sac and Rawley Court to the west of Orchard Lane. There is an add on bid included for the remainder of Orchard Lane north of Rawley Court to the end of the property and approximately 400 feet of Sandy Ridge Drive west of Orchard Lane. This also includes applicable stormwater management features. Anticipating forwarding an award recommendation to City Council on July 15, 2024.

Construction is not anticipated to begin until after the Manitowoc County Parade of Homes which is September 12-14, 2024.

Washington Bridge Pedestrian Accommodations



Plans were submitted to WDOT for review on May 28th. Around June 10th, discussions were held with the WDOT pertaining to the potential of allowing City forces to complete the proposed work. No response received as of July 3, 2024. An email was sent to both the design consultant and WDOT regarding the status of review and the consideration of allowing City forces to complete the work.

WASTEWATER

PLANT OPERATIONS

The new WPDES Wastewater Permit is out for public comment and is anticipated to be effective beginning August 1, 2024, for a period of five (5) years.

The wastewater plant observed significantly higher influent flows than effluent flows due to the substantial rains that were observed over the weekend of June 19-21. At no time did we release any untreated wastewater and in fact there appeared to be capacity within the plant.

After the flows diminished, an outside resource came to check the accuracy of the influent flow meter and the effluent flow meter. Both meters seem to be reading correctly which caused additional questioning as to why the difference in readings. Further investigation revealed that piping leading from the influent flow meter to the primary clarifiers was partially obstructed with a solidified chunk of fat, oil and grease causing a backwater condition which provided a false representation of the flows coming into the plant.

That fat, oil, and grease partial obstruction has since been cleared by wastewater and DPW forces and flow readings have come back with similar influent and effluent meter readings.

Riverside Foods has been notified of this situation, thus the push to get there project completed.



2024 Public Works/WWTP Tracking			2024		2023	
			June	Year-to-Date	June	Year-to-Date
ENGINEERING 2024						
		Landfill Leachate Pumpage (gallons)	1,196,269	4,683,273	604,077	4,379,870
scott		Precipitation	5.64	20.78	1.85	13
sue		Number of Encumbrance property checks	19	137	23	124
scott/bill		Digger's Hotline Locates	107	602	109	495
STREET DIVISION 2024 (Manhours)			June	Year-to-Date	June	Year-to-Date
53200		Shop/Vehicle Maintenance	651.50	4,057	559.00	3,408
53300		Street Maintenance	34.00	196	154.00	365
53310		Street Cleaning	116.00	534	13.50	238
53320		Street Signs/Painting	185.50	729	231.50	688
53330		Snow & Ice		1,536		2,597
53337		PT Snowplowers				71
53380		Bridge - maintenance		3		
53381		17th Street Bridge opening	110.00	197	94.50	201
53620		Refuse/Garbage				1
53625		Recycling/Leaf Collection	29.00	48		11
53640		Weed Cutting	149.00	181	9.00	9
53650		Work for Others	409.25	1,964	424.50	1,783
53700		Landfill Maintenance	1.00	14	20.25	21
53710		Landfill Sampling		11		13
*****		PBS Sewers	1	19	3	18
*****		Salted Streets		8		20
*****		Plowed all city streets		10		6
*****		Open 17th Street Bridge	95	223	72	275
WASTEWATER UTILITY 2024			June	Year-to-Date	June	Year-to-Date
		Wastewater Treated, Gallons	113,531,000	453,129,000	60,652,000	429,751,000
		MONTHLY AVERAGE: Daily Flow, Gallons	3,384,000	2,443,167	2,022,000	2,367,833
		MONTHLY AVERAGE: Daily BOD, Lbs.	4,944	4,681	4,368	4,055
Plant Discharges (MONTHLY AVERAGE)						
		Biological Oxygen Demand (BOD), mg/l	5.4	8.32	6.3	14.37
		Suspended Solids, mg/l	3.3	5.55	3.1	7.23
		Ammonia, mg/l	0.37	0.43	0.52	1.28
		Phosphorus, mg/l	0.19	0.23	0.25	0.32
		Fecal Coliform, per 100ml	31	35	22	85
		pH, Min (6.0)	7	6.9	6.9	6.80
		pH, Max (9.0)	7.2	7.1	7.1	7.03
Chemicals						
		Polymer, Gallons	88	528	88	528
		Ferric Chloride, Gallons	2,362	14,478	2,368	13,995
P&Fonly		Chemical Purchases for the month		\$ -	11559.6	23,058
		Mishicot Payment to City	\$ 10,525.24	\$ 49,583.46	\$ 5,573.65	49,043.75
		Emergency call-ins	5	16	1	9