

2023 Public Works/WWTP Tracking			2023		2022	
			July	Year-to-Date	July	Year-to-Date
<b>ENGINEERING 2023</b>						
		Landfill Leachate Pumpage (gallons)	349,926	4,729,796	766,237	6,970,895
scott		Precipitation	2.83	16.06	4.70	34.90
sue		Number of Encumbrance property checks	29	153	30	317
scott/bill		Digger's Hotline Locates	141	636		
<b>STREET DIVISION 2023 (Manhours)</b>			July	Year-to-Date	July	Year-to-Date
53200		Shop/Vehicle Maintenance	673.00	4,081	468	5,116
53300		Street Maintenance	129.25	494	228	1,545
53310		Street Cleaning	87.00	325	127	911
53320		Street Signs/Painting	85.50	774	160	661
53330		Snow & Ice		2,597		1,315
53337		PT Snowplowers		71		37
53380		Bridge - maintenance				24
53381		17th Street Bridge opening	18.00	219	129	320
53620		Refuse/Garbage	0.50	1		4
53625		Recycling/Leaf Collection	4.00	15		1015
53640		Weed Cutting	113.25	122	72	256
53650		Work for Others	616.75	2,400	664	4,244
53700		Landfill Maintenance	100.00	121	34	53
53710		Landfill Sampling		13		13
*****		PBS Sewers	4	22	3	52
*****		Salted Streets		20		25
*****		Plowed all city streets		6		8
*****		Open 17th Street Bridge	60	335	228	767
<b>WASTEWATER UTILITY 2023</b>			July	Year-to-Date	July	Year-to-Date
		Wastewater Treated, Gallons	56,516,000	486,267,000	67,099,000	706,525,500
		MONTHLY AVERAGE: Daily Flow, Gallons	1,823,000	2,290,000	2,164,000	2,121,250
		MONTHLY AVERAGE: Daily BOD, Lbs.	3,919	4,036	4,236	4,341
<b>Plant Discharges (MONTHLY AVERAGE)</b>						
		Biological Oxygen Demand (BOD), mg/l	7.0	13.31	4.80	7.31
		Suspended Solids, mg/l	5.9	7.04	5.40	6.34
		Ammonia, mg/l	0.28	1.13	0.06	0.24
		Phosphorus, mg/l	0.36	0.33	0.27	0.28
		Fecal Coliform, per 100ml	31	77	10.00	18
		pH, Min (6.0)	6.9	6.8	6.70	6.7
		pH, Max (9.0)	7.00	7.0	7.00	6.9
<b>Chemicals</b>						
		Polymer, Gallons	88	616	88	1056
		Ferric Chloride, Gallons	2,383	16,378	2,589	29,875
P&Fonly		Chemical Purchases for the month	8743.8	\$ 31,801.47	\$ -	\$ 71,779.27
		Mishicot Payment to City	\$ 5,497.59	\$ 54,541.34	\$ 6,125.06	\$ 78,500.19
		Emergency call-ins	1	10	2	18

## July 2023 Public Works Narrative Tasks

### ENGINEERING

#### Lincoln Street (17<sup>th</sup> to 22<sup>nd</sup> St) Reconstruction (Contract 2-2023)

- \*Contractor has begun storm sewer main installation at 17th and working north
- \*Contractor completed watermain installation from 20th to 22nd
- \*Contractor working on sanitary main from 20th to 22nd
- \*Contractor working on sanitary laterals and water services between 20th and 22nd
- \*Contractor planning on completing all underground utility work around mid-July
- \*Contractor anticipates beginning pavement work towards the end of July
- \*Paving Contractor mobilized to begin grading and graveling for preparation of the westerly lane of mainline pavement



Lincoln Street utility work, storm sewer installation and grading and gravelling





### ***Lincoln Street Private Side Laterals / Services (Contract 3-2023)***

- \*Prepared bid documents for March bid opening
- \*Bids received and opened March 20, 2023, with apparently low bid being Van Rite Plumbing, Inc.
- \*Prepared bid award recommendation memo for Council Meeting
- \*Private lead service lateral estimates
- \*Contractors completed public and private water services and sanitary laterals from 17th to 20<sup>th</sup>
- \*Contractors worked on and completed public and private water services and sanitary laterals from 20<sup>th</sup> to 22<sup>nd</sup> Streets by mid-July

### ***WDNR eCMAR Report***

- \*Staff prepared and submitted required annual wastewater eCMAR report

### ***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.
- \*Staff preparing bid documents for a 2023 Sidewalk Replacement Contract (August)
- \*\*Bids to be opened August 1, 2023



### ***North Landfill***

- \*Working with WDNR and AECOM to develop a 'Work Plan' on determining the cause and impacts of a seep occurring at the northwesterly side of the North Landfill.
- \*Had DPW Street section construct a sandbag check dam prior to driveway culvert to contain any seep runoff that can be vacuumed up and discharged into the sanitary sewer system for appropriate treatment.
- \*Submitted workplan to WDNR by the middle of July

### ***Future Work***

- \*Engineering is determining how to add storm lateral and mini storm sewer work to help provide location for sump pump discharge and reduce inflow into sanitary sewer.
- \*Engineering is preparing conceptual ideals for Roosevelt Street (2024) reconstruction along with Lead Service replacement in the near southwestern portion of the City (approximate area to be Lowell to Monroe, Memorial to 12<sup>th</sup>)

## Sandy Bay Highlands Subdivision (Phase 3-4)

- \*Engineering staff collaborating with Consultant on preliminary stormwater management concept and attempting to obtain WDNR by-in of the conservation by design concept.
- \*Consultant and Engineering awaiting to have a conversation with WDNR regarding their restrictive stance regarding utilizing wetlands for stormwater runoff.
- \*Consultant and Engineering participated in a Virtual conference call with WDNR staff on May 23rd regarding utilizing wetlands for stormwater runoff. The concept was originally met with hesitation because much of the data utilized for the concept is outdated and the Department wanted updated information. We acknowledged the outdated data and stated that it would be updated IF the concept of utilizing the wetlands was acceptable to the Department. WDNR agreed it would be an effective use of the wetlands and would help ensure that the wetlands would continue to flourish in the future.
- \*Engineering brought forward an Engineering Contract for consultant services related to wetland delineation, stormwater management planning and subdivision layout services.
- \*Consultant completed wetland delineation and submitted to Engineering for review – waiting for feedback from WDNR.

## Central Park West

- \*Project team / coordination meetings (internal / external)
- \*Pavilion trusses installed, exterior stone completed around building, windows and glass block installed, sub deck on roof done, shingling completed and interior electrical completed.
- \*Splash pad control cabinet installed and colored concrete ribbon poured completing the area.
- \*Band shelter concrete seating extended, stage masonry block installation of poles in band shelter, concrete cap and stonework completed.
- \*Digital sign masonry work completed and ready for sign installation in early June
- \*Light pole bases installed, and conduit run for exterior lighting
- \*Concrete work completed at north intersection crosswalk, south walk, northwest sidewalk, street/sidewalk on west side, south end and around pavilion.
- \*Red stamped concrete installed at 18th Street intersection, flagpole, and pavilion
- \*Site grading and tree planting started
- \*Completing punch list items prior to July 15<sup>th</sup> weekend.

For more pictures go to: <https://www.two-rivers.org/publicworks/project/central-park-west>

## STREET DIVISION 2023

- \*17th St. Bridge Openings (60 - High Life)
- \*PBS Sewers (4) – 2 were city line
- \*Completed all sanitary lateral street repairs from 2022 and 2023
- \*Monthly, bi-weekly and bi-annual sewer maintenance completed.
- \* Posts installed for the library for the two Story Walks
- \*\*\* Street painting still in process
- \* Installed sandbag check dam at Northland fill



## WASTEWATER UTILITY 2023

### Roof Repair

- \*Received quotations for roof repairs and presented to Council for Change Order
- \*Council approved. Waiting on timeline for repair.

### WDNR eCMAR Report

- \*Staff prepared and submitted required annual wastewater eCMAR report.
- \*Report accepted and approved by WDNR.