

2023 Public Works/WWTP Tracking			<b>2023</b>		<b>2022</b>	
			<b>March</b>	<b>Year-to-Date</b>	<b>March</b>	<b>Year-to-Date</b>
<b>ENGINEERING 2023</b>						
		Landfill Leachate Pumpage (gallons)	728,060	2,188,620	448,431	6,970,895
scott		Precipitation	3.2	8.50	6.97	34.90
sue		Number of Encumbrance property checks	14	55	37	317
scott/bill		Digger's Hotline Locates	71			
<b>STREET DIVISION 2023 (Manhours)</b>			<b>March</b>	<b>Year-to-Date</b>	<b>March</b>	<b>Year-to-Date</b>
53200		Shop/Vehicle Maintenance	519.25	1,646	449	5,116
53300		Street Maintenance	50.00	129	91	1,545
53310		Street Cleaning		23	56	911
53320		Street Signs/Painting	37.00	182	80	661
53330		Snow & Ice	840.50	2,502	182	1,315
53337		PT Snowplowers	18.00	71	26	37
53380		Bridge - maintenance			4	24
53381		17th Street Bridge opening	8.50	60	10	320
53620		Refuse/Garbage		1	4	4
53625		Recycling/Leaf Collection		9		1015
53640		Weed Cutting				256
53650		Work for Others	55.00	381	14	4,244
53700		Landfill Maintenance		1		53
53710		Landfill Sampling				13
*****		PBS Sewers	3	11	10	52
*****		Salted Streets	3	20	3	25
*****		Plowed all city streets	1	6	1	8
*****		Open 17th Street Bridge	44	113	46	767
<b>WASTEWATER UTILITY 2023</b>			<b>March</b>	<b>Year-to-Date</b>	<b>March</b>	<b>Year-to-Date</b>
		Wastewater Treated, Gallons	90,610,000	201,626,000	62,971,000	706,525,500
		MONTHLY AVERAGE: Daily Flow, Gallons	2,923,000	2,227,000	2,031,000	2,121,250
		MONTHLY AVERAGE: Daily BOD, Lbs.	3,877	4,047	4,255	4,341
<b>Plant Discharges (MONTHLY AVERAGE)</b>						
		Biological Oxygen Demand (BOD), mg/l	15.3	18.63	8.30	7.31
		Suspended Solids, mg/l	6.0	10.27	4.20	6.34
		Ammonia, mg/l	1.43	1.59	0.55	0.24
		Phosphorus, mg/l	0.19	0.44	0.25	0.28
		Fecal Coliform, per 100ml	61	129	20.00	18
		pH, Min (6.0)	6.8	6.6	6.50	6.7
		pH, Max (9.0)	7.1	6.9	6.80	6.9
<b>Chemicals</b>						
		Polymer, Gallons	88	264	88	1056
		Ferric Chloride, Gallons	2,410	6,890	2,410	29,875
P&Fonly		Chemical Purchases for the month	-	\$ 11,498.07		\$ 71,779.27
		Mishicot Payment to City	\$ 11,824.13	\$ 24,170.70	\$ 7,316.96	\$ 78,500.19
		Emergency call-ins	2	6	2	18

## March 2023 Public Works Narrative Tasks

### ENGINEERING 2023

#### ***Lincoln Street (17th St to 22nd St) Reconstruction (Contract 2-2023)***

- Plans submitted for DNR approval in September
- Staff preparing final plans for February Bidding
- Public Information Meeting held Jan. 25, 5:30 p.m.
- Prepared Preliminary Assessment Resolution for January Council Meeting - Approved
- Bid received February 14, 2023
- Bid awarded to Mammoth Construction at the February 20, 2023 Council Meeting
- Contract documents prepared and forwarded to Mammoth Construction
- Prepared Assessment Engineer's Report including Assessment Role in Preparation of Public Hearing
- Public Hearing was held and Final Assessment Resolution passed
- Contractor mobilized to Lincoln Street and began saw cutting the pavement

#### ***Zlatnik Drive (17th to Pierce St) Resurfacing (Contract 1-2023)***

- Planned for 2023 construction
- Early 2023 construction expected
- Prepared Preliminary Assessment Resolution for January Council Meeting - Approved
- Preparing plans and bid package for a late March bid opening
- Bids were received and opened March 30, 2023 with apparent low being Northeast Asphalt
- Prepared award recommendation memo for Council Meeting

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

- Prepared bid documents for March bid opening
- Bids received and opened March 20, 2023, with apparently low being Van Rite Plumbing, Inc.
- Prepared bid award recommendation memo for Council Meeting

#### ***Lead water services and Sanitary Sewer lateral Replacement (2022)***

- Project was bid February 23, 2022, with Essential Sewer & Water being the low bidder
- Contractor started work on other laterals August 1. Substantial completion of 52 service replacements October 5
- Expect to replace other services as needed, and as requested, early Spring, 2023
- January and February with little success.
- WDNR extended grant deadline to June 2023. Had the ability to fund 29 additional services
- 25 of the 29 available slots are under contract with the City and Water Utility

#### ***17th Street Reconstruction***

- Limits from East Street to Zlatnik Drive, and East Park Street to Jefferson Street
- Project was bid on February 23, with low bid from Jossart Bros. Construction
- Construction started July 25.
- Substantial completion and roadway opened to traffic Nov. 22
- Spring punch list items remain including terrace restoration and tree planting

#### ***Eggers Pond, (near 20th St & East River St)***

- City staff and consultant continue to work on project coordination
- Contract was bid June 2, 2021, with Superior Sewer & Water being the low bidder.
- Street paving on 20th Street completed in November
- Punch list items remain for early 2023
- Consultant working on final Close-out documents with WDNR (Cont'd into March)

<b>Street Improvement Grants</b>	
	- Staff submitted additional applications in early June for street improvement grants for years 2023-2027.
	- DOT notified City of grant for resurfacing Emmet Street (17th to 22nd)
	- Work would be scheduled for 2025.
	- Prepared memo to Council to deny the authorization to execute the SMA due to significant cost overrun concerns.
<b>Pierce Court Drainage</b>	
	- Staff is coordinating with a consultant on cleaning a drainage ditch which drains the Pierce Court area
<b>Shoreline Protection</b>	
	- 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.
<b>Sidewalk Repair</b>	
	- 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 (February/March)
	- Storm Lateral, and mini storm sewer work continues to be considered to help provide location for sump pump discharge, and reduce inflow into sanitary sewer.
<b>Sandy Bay Highlands Subdivision (Phase 2.5)</b>	
	- Engineering staff working with Consultant on preliminary stormwater management concept and attempting to obtain WDNR by-in of the conservation by design concept.
<b>Central Park West</b>	
	- Prepared alternative memo for Old Bandstand relocatoin / salvage / demolition
	- Project team / coordination meetings (internal / external)
	- Awaiting delivery on Splash Pad equipment (anticipated March delivery)
	- Awaiting delivery on Donor bricks (anticipated March delivery)
	- Vinton Construction and Subcontractors mobilized to the site and began underground utility work along with footing and foundation for the new shelter.
<b>STREET DIVISION 2023</b>	
	17th St. Bridge Openings (44)
	Fill Potholes/Cold Mix
	Picked up sand barrels
	Pulled all inlet markers
	Salt Red And Blue Routes (3 times)
	Plow and Pick Up City Streets (1 time)
	Plow private sidewalks (1 time)
	Started street sweeping on 3/23/23 (Made it through the city 1 time {what we could get})
	Hauled one tandem load to landfill
	Televise sanitary sewer at 42nd St - Parkway to Bellevue & root cutting
	PBS Sewers (3) City Main Open (3) City Main Not Open (0)
	Biweekly / Monthly Sewers
	Annual Sewers
	Open Storm Sewer Outfalls (opened 1)
	StormWater Pond Inspections

<b>WASTEWATER UTILITY 2023</b>	
<b>Screw Press Replacement Project</b>	
	- Contractor mobilized in and has started some of the necessary demolition work
	- Contractor will return in late March or early April to complete the installation