



**GRAND RAPIDS
PUBLIC UTILITIES**

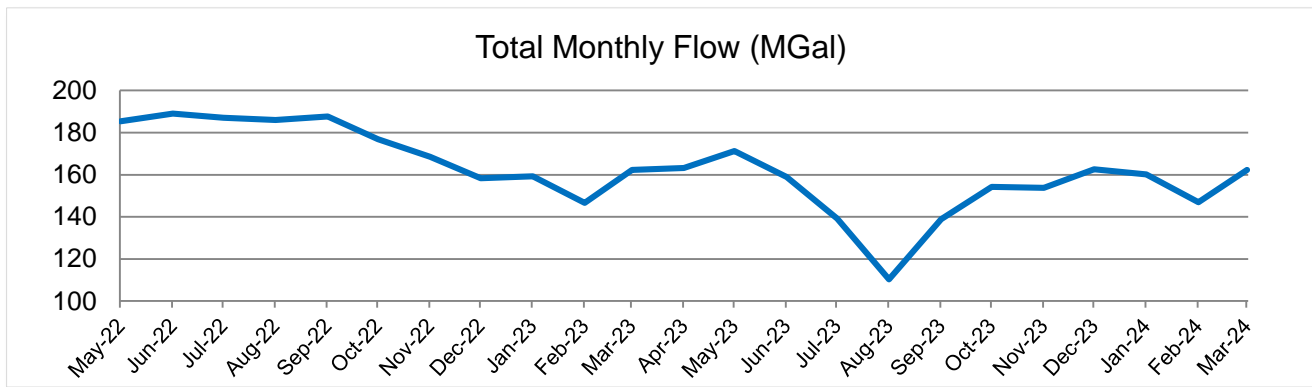
Service is Our Nature

500 SE Fourth Street • Grand Rapids, Minnesota 55744

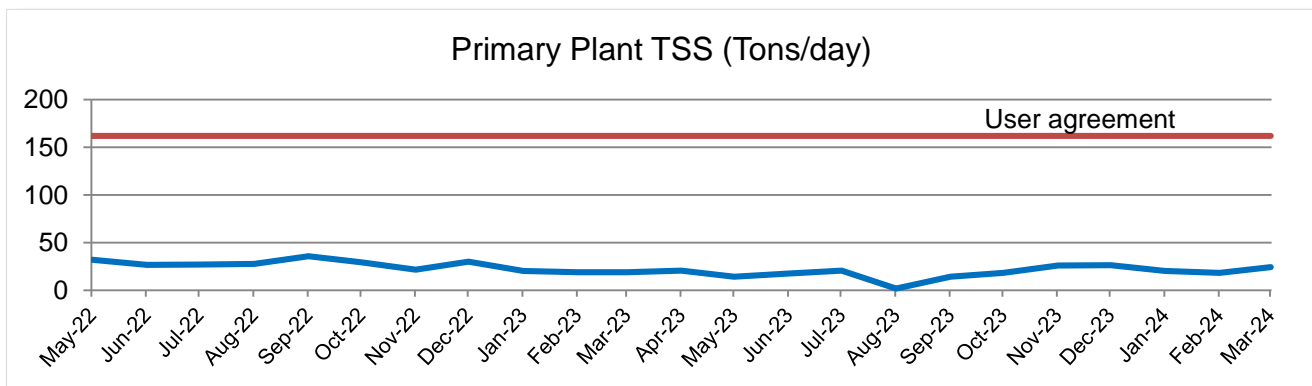
WASTEWATER UTILITY MONTHLY REPORT April 2024 Commission Meeting

Wastewater Operations

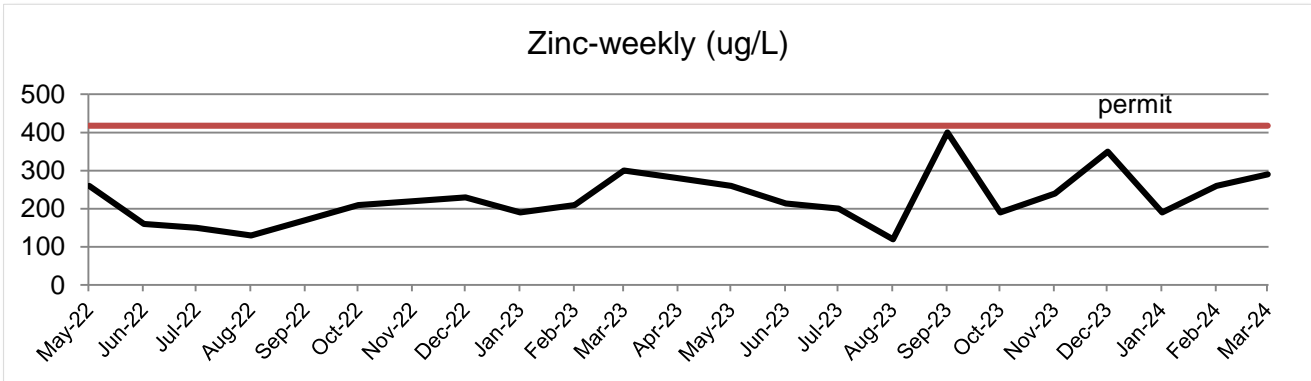
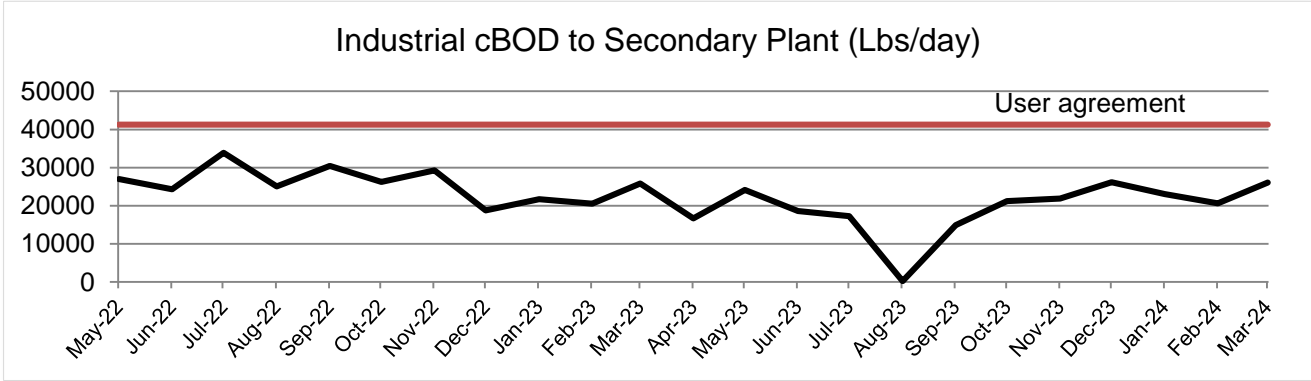
The Wastewater Treatment Plant (WWTP) met all National Pollutant Discharge Elimination System (NPDES) permit requirements last month. We treated 162 million gallons of water removing 99.7% of the Total Suspended Solids (TSS) and 99.7% Biochemical Oxygen Demand (cBOD).



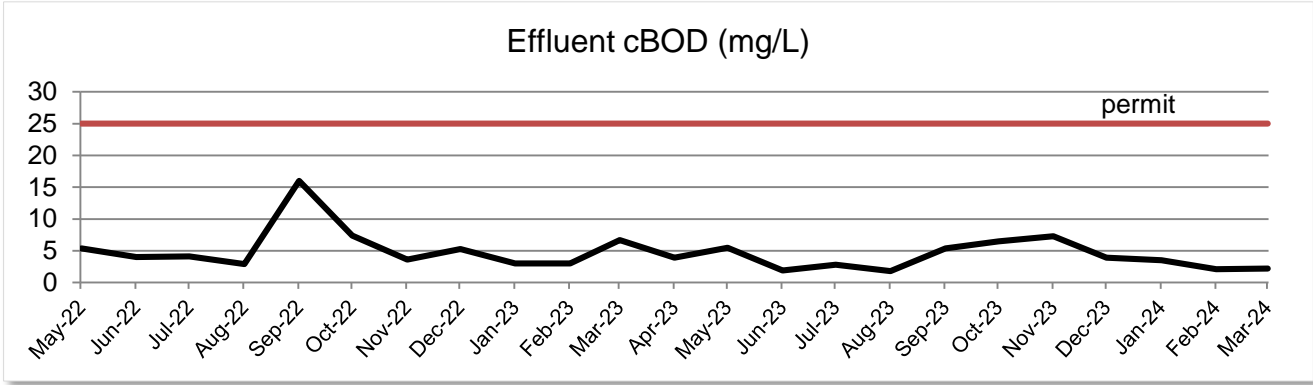
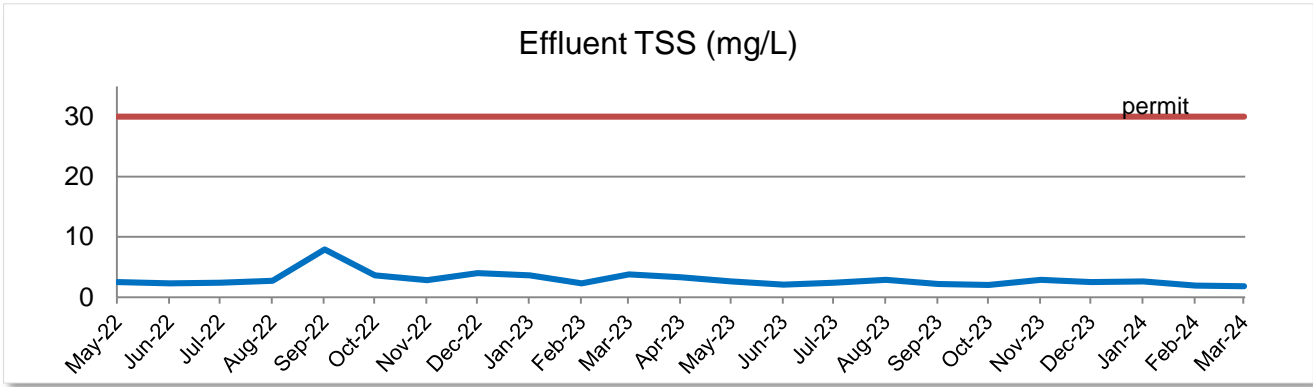
	Design Limits (monthly AVG)	Actual Results
<u>Primary Plant</u>		
Flow (MGD)	13.25	4.0
TSS (Tons/day)	162	24.3
TSS Peak (Tons/Day)	284	105.7



	Design Limits (monthly AVG)	Actual Results
Secondary Plant		
Flow (MGD)	15.25	5.2
cBOD (lbs/Day)	41,300	26,891
Peak cBOD (lbs/Day)	57,350	43,602
Zinc-weekly (ug/L)	418	290
% GRPUC		25.8%

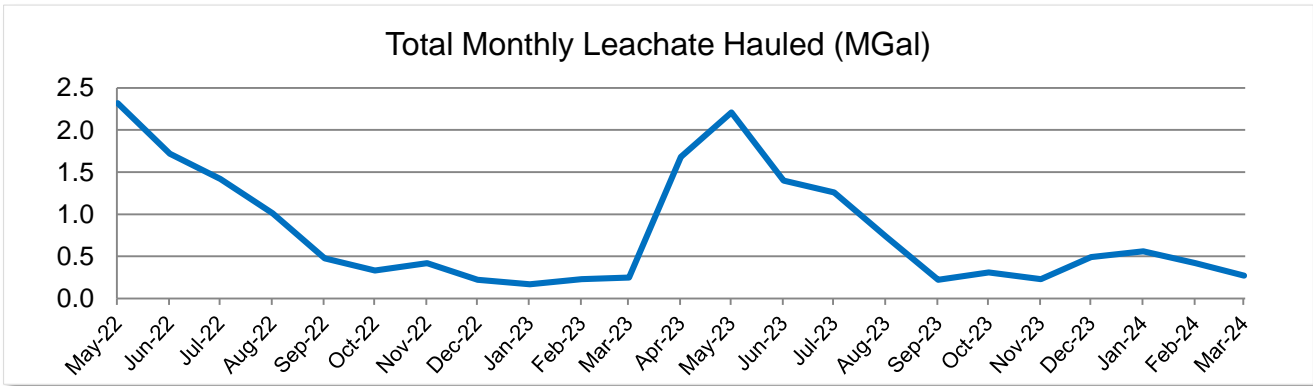


	Permit Limits (monthly AVG)	Actual Results
Effluent		
TSS (mg/L) – monthly average	30	1.8
cBOD (mg/L) – monthly average	25	2.2
Dissolved Oxygen (mg/L)	>1.0	9.6



Sludge Landfill Operations

- 0.27 million gallons of leachate were hauled last month which is abnormally low.
- 3024 cubic yards of sludge solids were hauled to the landfill



Capital and Operations Project Summary

COMMISSION REPORT CONTENTS									
Agency Lead	Dept	Proj Desc	Proj #	Budget	Amount Spent	Percent Spent (calc'd)	Percent Comple	Status	Noted Issues / Highlights
City	WWC	3rd Ave NE, 7th St NE	WWCO2002	\$270,000	\$0	0%	0%	Not Started	
GRPU	WWC	Jetting		\$150,000	\$0	0%	0%	Not Started	
GRPU	WWC	Lift Station 3 Controls Update	WWCO2403	\$25,000	\$0	0%	5%	In Progress	
GRPU	WWC	Lift Station Pumps	WWCO2005	\$35,000	\$0	0%	5%	In Progress	
GRPU	WWT	Septic Hauler Dump Station	WWD02403	\$553,500	\$0	0%	2%	In Progress	
GRPU	WWT	Trash Compactor	WWD02302	\$90,000	\$0	0%	5%	In Progress	

Status Definitions

- Not Started - no human or financial resources utilized
- In Progress - time or money spent on the project
- In Service - operational but final close out needed
- Completed - done and closed out
- On Hold - waiting on some type of significant action