

**GRAND RAPIDS  
PUBLIC UTILITIES**

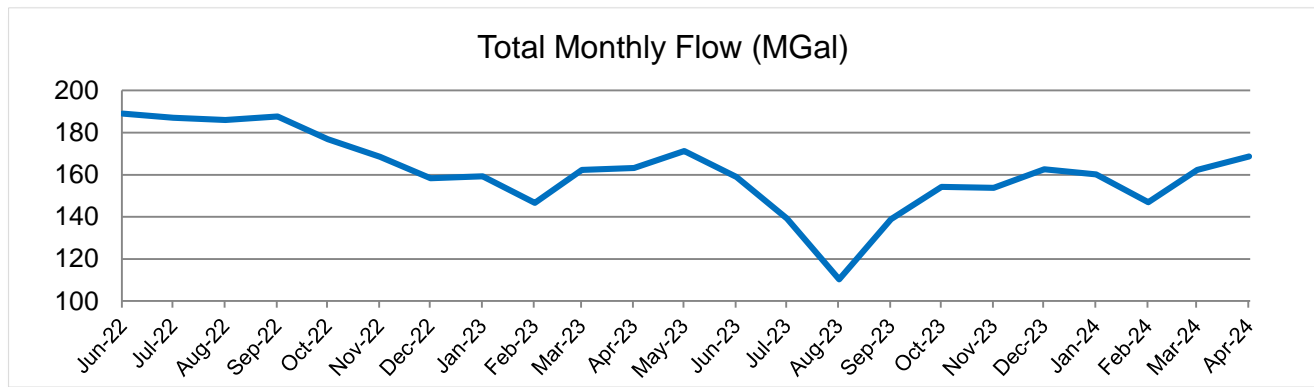
*Service is Our Nature*

500 SE Fourth Street • Grand Rapids, Minnesota 55744

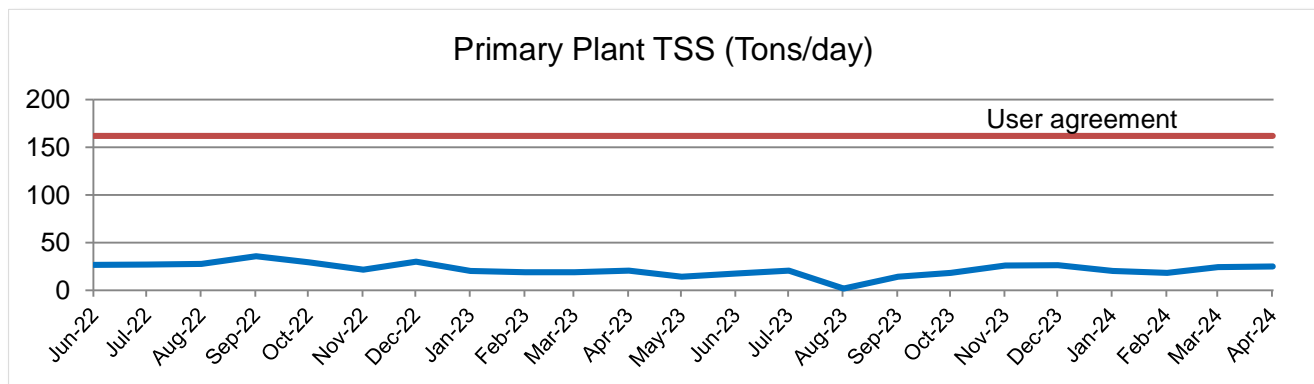
## WASTEWATER UTILITY MONTHLY REPORT May 2024 Commission Meeting

### Wastewater Operations

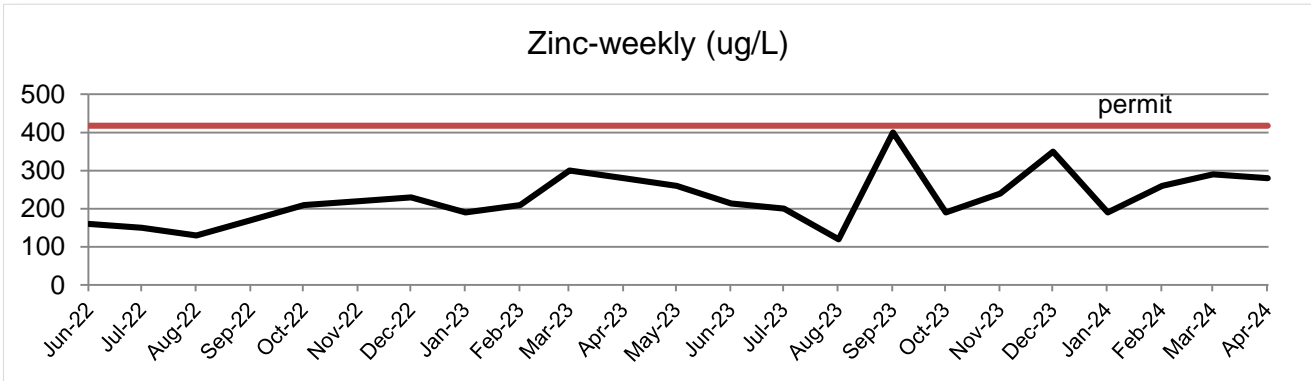
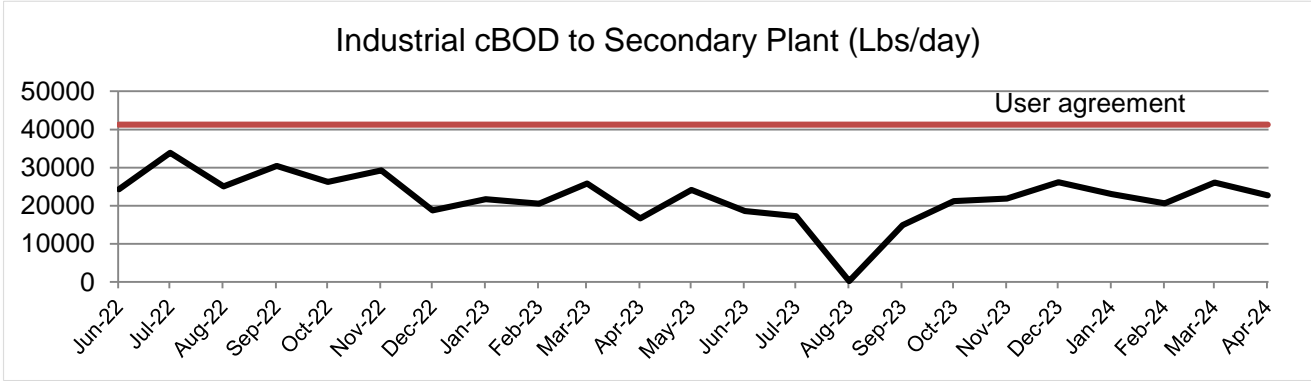
The Wastewater Treatment Plant (WWTP) met all National Pollutant Discharge Elimination System (NPDES) permit requirements last month. We treated 169 million gallons of water removing 99.9% of the Total Suspended Solids (TSS) and 99.5% Biochemical Oxygen Demand (cBOD).



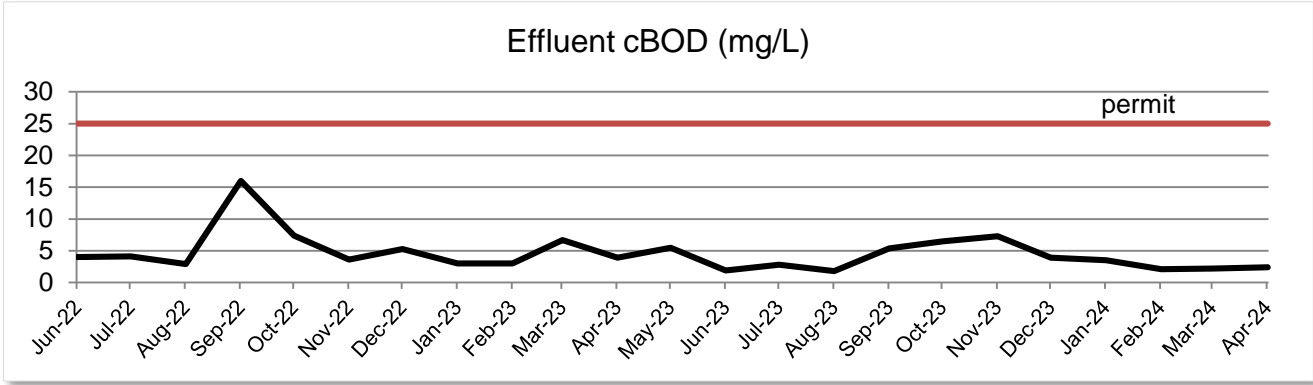
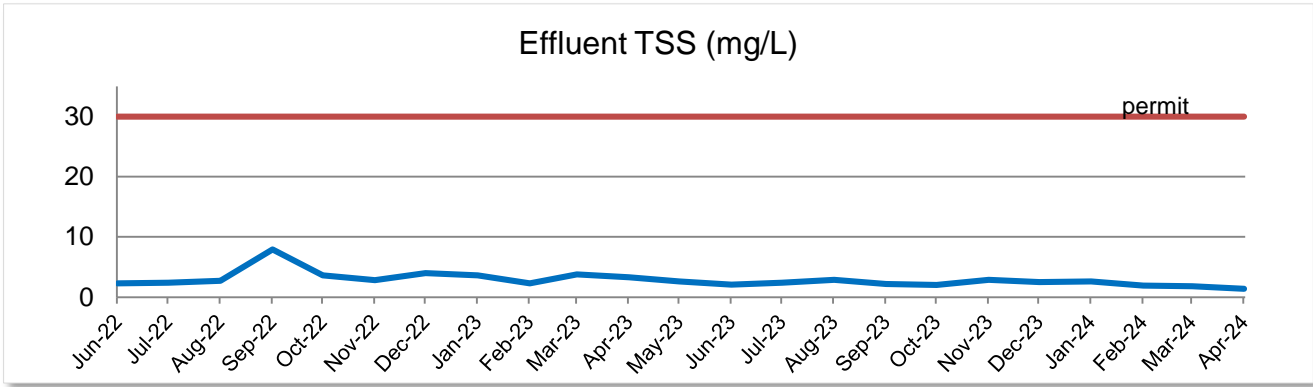
	Design Limits (monthly AVG)	Actual Results
<u>Primary Plant</u>		
Flow (MGD)	13.25	4.2
TSS (Tons/day)	162	25.0
TSS Peak (Tons/Day)	284	101.0



	Design Limits (monthly AVG)	Actual Results
<b>Secondary Plant</b>		
Flow (MGD)	15.25	5.6
cBOD (lbs/Day)	41,300	26,075
Peak cBOD (lbs/Day)	57,350	42,941
Zinc-weekly (ug/L)	418	280
% GRPUC		27.4%

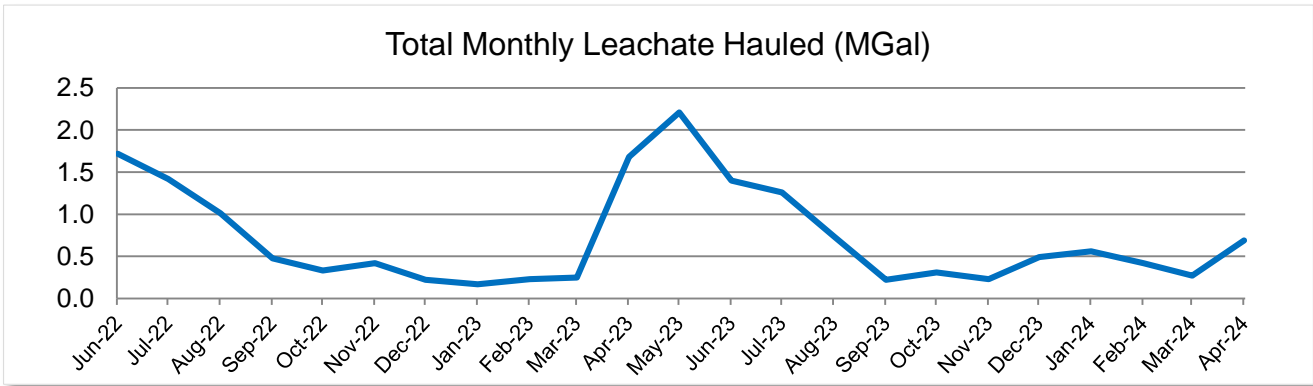


	Permit Limits (monthly AVG)	Actual Results
<b>Effluent</b>		
TSS (mg/L) – monthly average	30	1.4
cBOD (mg/L) – monthly average	25	2.4
Dissolved Oxygen (mg/L)	>1.0	8.0



### **Sludge Landfill Operations**

- 0.69 million gallons of leachate were hauled last month which is abnormally low.
- 3816 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 Complet	Status	Noted Issues / Highlights	
City	WWC	3rd Ave NE, 7th St NE	WWCO2002	\$270,000	\$0	0%	0%	In Progress		
GRPU	WWC	Jetting		\$150,000	\$1,000	1%	1%	In Progress		
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	\$83,250	93%	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