

**GRAND RAPIDS
PUBLIC UTILITIES**

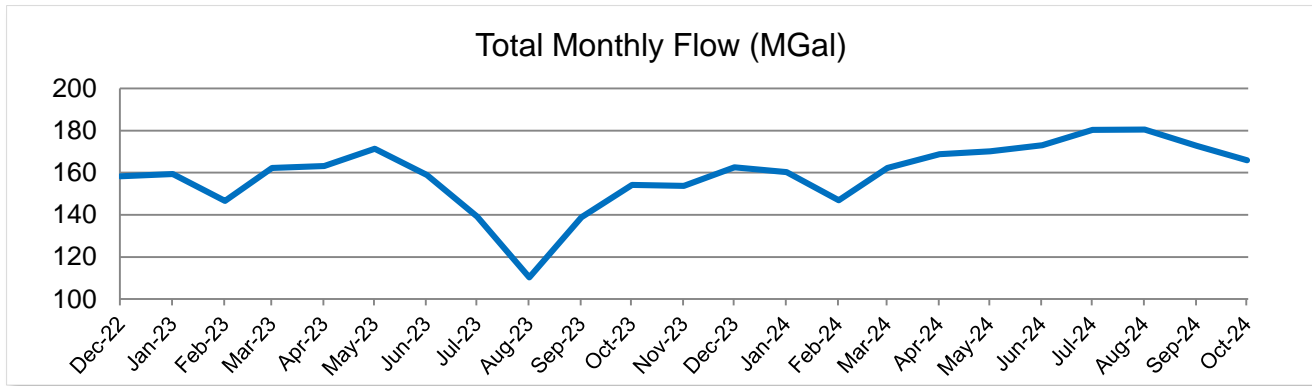
Service is Our Nature

500 SE Fourth Street • Grand Rapids, Minnesota 55744

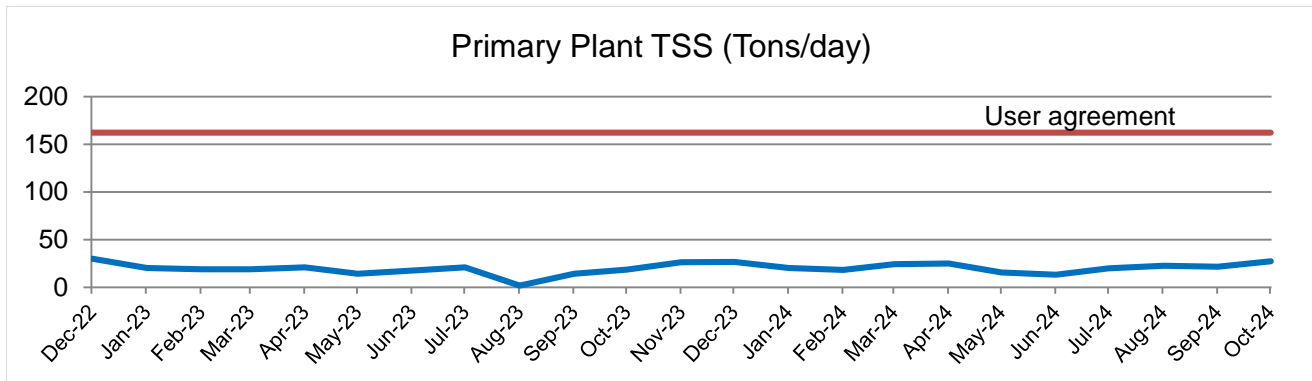
WASTEWATER UTILITY MONTHLY REPORT November 2024 Commission Meeting

Wastewater Operations

The Wastewater Treatment Plant (WWTP) met all National Pollutant Discharge Elimination System (NPDES) permit requirements last month. We treated 166 million gallons of water removing 99.9% of the Total Suspended Solids (TSS) and 99.3% Biochemical Oxygen Demand (cBOD).



	Design Limits (monthly AVG)	Actual Results
<u>Primary Plant</u>		
Flow (MGD)	13.25	4.1
TSS (Tons/day)	162	27.2
TSS Peak (Tons/Day)	284	78.4

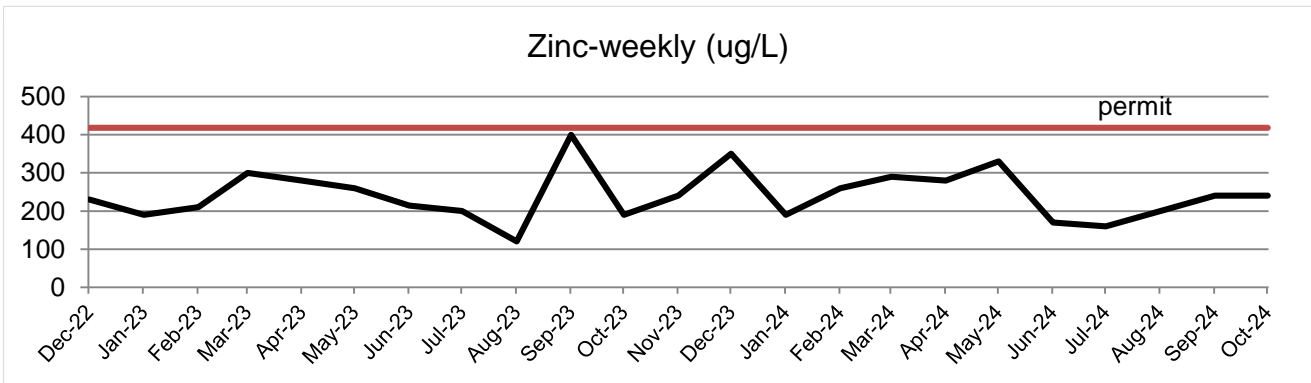
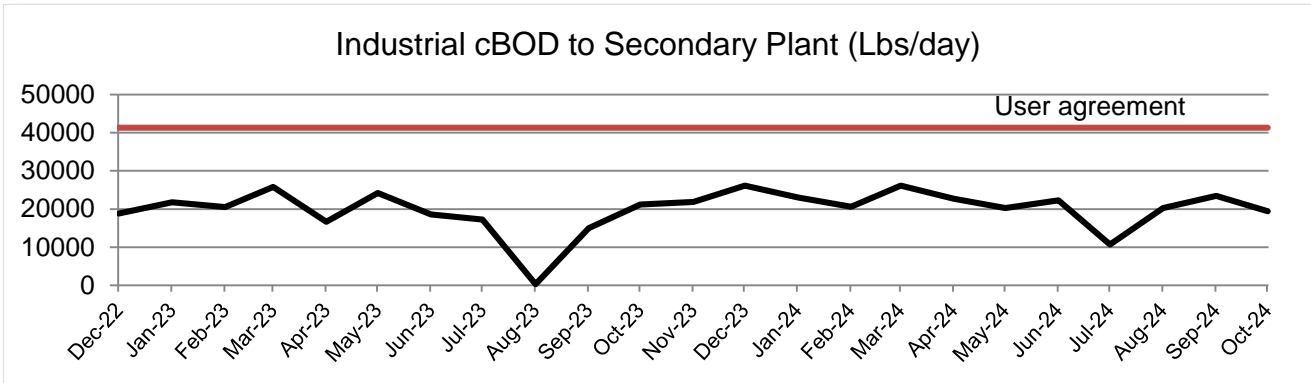


Design Limits
(monthly AVG)

Actual Results

Secondary Plant

Flow (MGD)	15.25	5.4
cBOD (lbs/Day)	41,300	23,125
Peak cBOD (lbs/Day)	57,350	36,788
Zinc-weekly (ug/L)	418	210
% GRPUC		30.0%

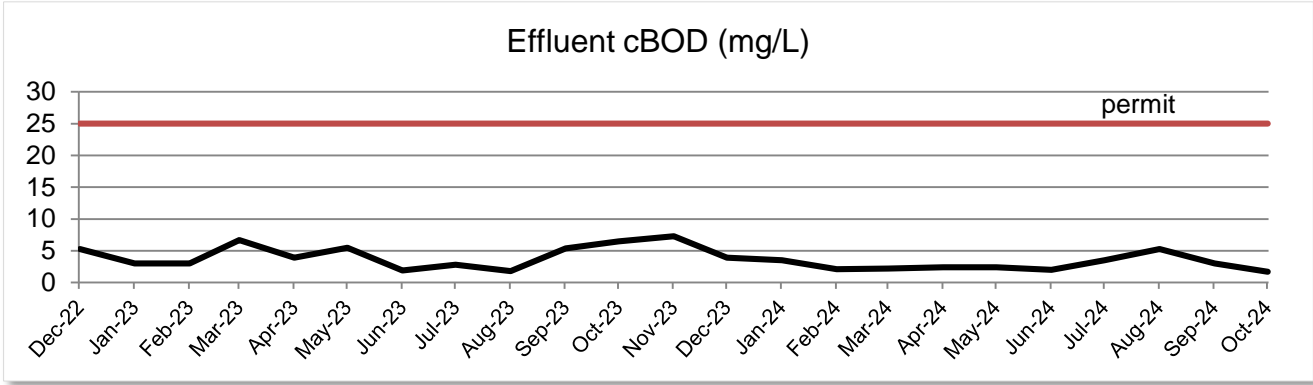
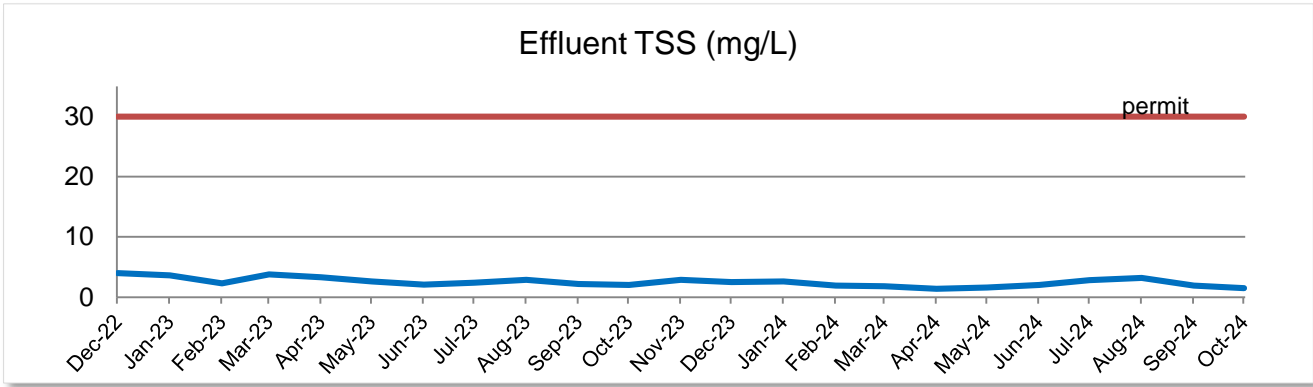


Permit Limits
(monthly AVG)

Actual Results

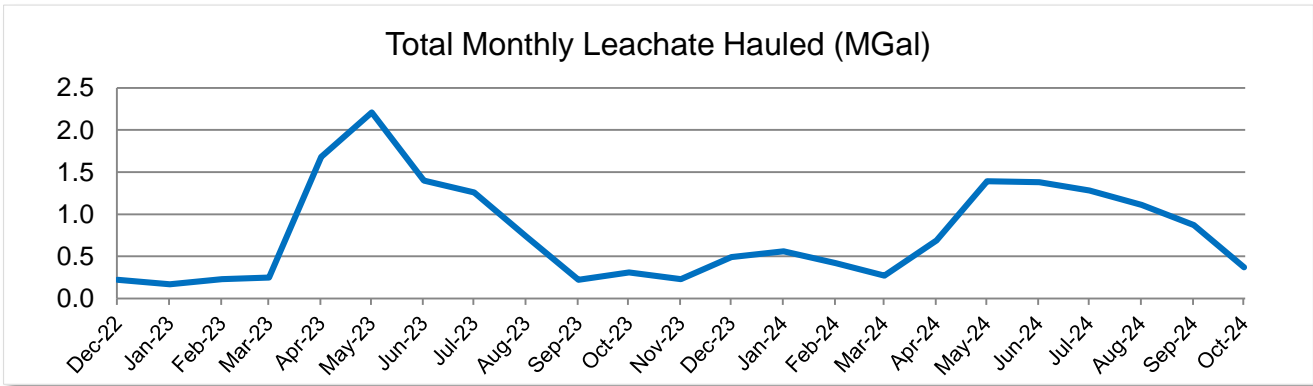
Effluent

TSS (mg/L) – monthly average	30	1.5
cBOD (mg/L) – monthly average	25	1.7
Dissolved Oxygen (mg/L)	>1.0	8.0



Sludge Landfill Operations

- 0.37 million gallons of leachate were hauled last month which is normal.
- 3012 cubic yards of sludge solids were hauled to the landfill



Capital and Operations Project Summary

COMMISSION REPORT CONTENTS										
Agency					Amount	Percent Spent	Percent Complete			
Lead	Dept	Proj Desc	Proj #	Budget	Spent	(calc'd)	d	Status	Noted Issues / Highlights	
City	WWC	3rd Ave NE, 7th St NE	WWCO2002	\$270,000	\$0	0%	100%	Completed		
GRPU	WWC	Jetting		\$150,000	\$15,000	10%	20%	In Progress	Resumed NW, completed Cat 1. 2025 for NW	
GRPU	WWC	Lift Station 3 Controls Update	WWCO2403	\$25,000	\$12,500	50%	40%	In Progress	Install scheduled for Dec.	
GRPU	WWC	Lift Station Pumps	WWCO2005	\$35,000	\$20,000	57%	100%	Completed		
GRPU	WWT	Septic Hauler Dump Station	WWDO2403	\$553,500	\$0	0%	5%	In Progress	Working on Engineering/scope	
GRPU	WWT	Trash Compactor	WWDO2302	\$90,000	\$83,250	93%	30%	In Progress	Unit is onsite. Electric started.	

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