



**GRAND RAPIDS  
PUBLIC UTILITIES**

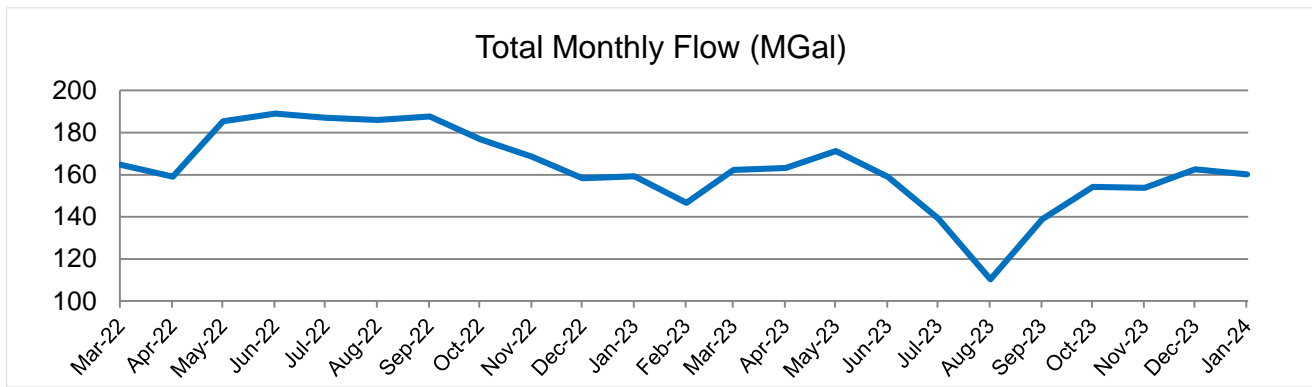
*Service is Our Nature*

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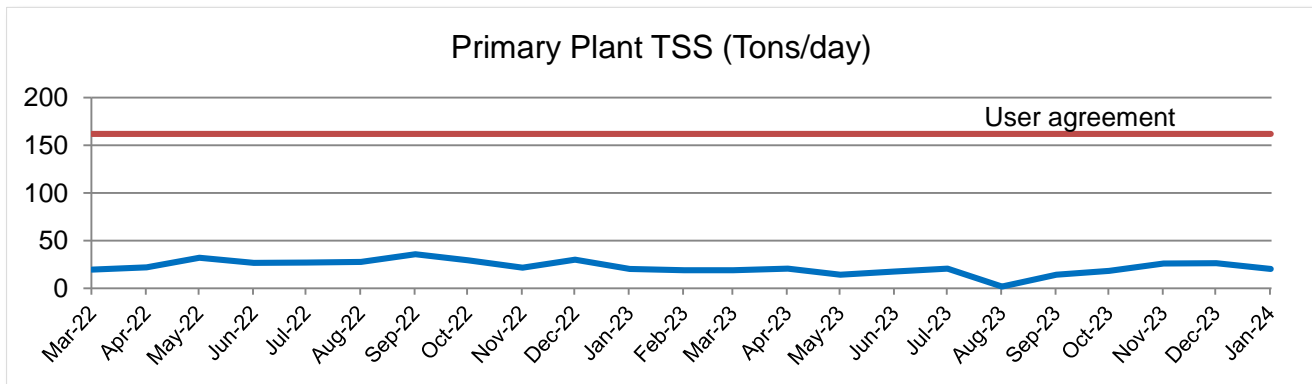
**WASTEWATER UTILITY MONTHLY REPORT  
February 2024 Commission Meeting**

**Wastewater Operations**

The Wastewater Treatment Plant (WWTP) met all National Pollutant Discharge Elimination System (NPDES) permit requirements last month. We treated 160 million gallons of water removing 99.2% 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	3.9
TSS (Tons/day)	162	20.1
TSS Peak (Tons/Day)	284	39.8

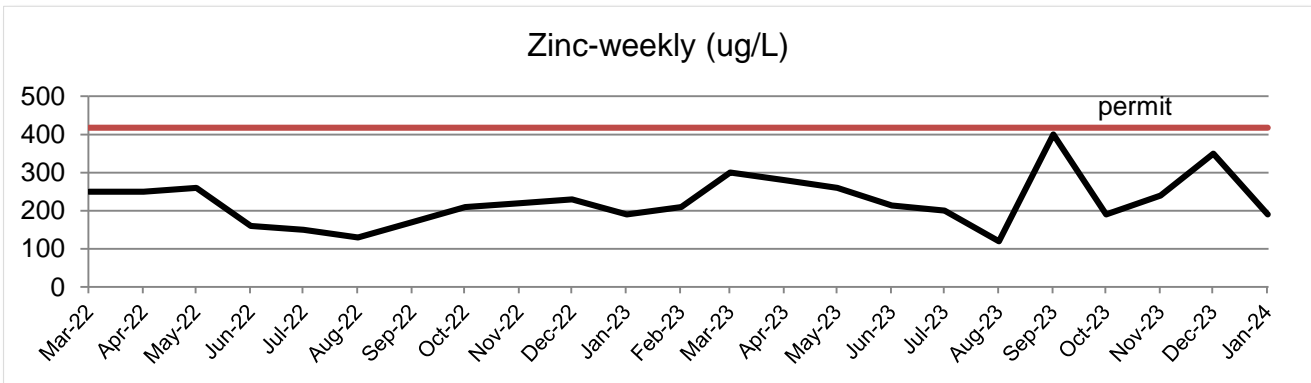
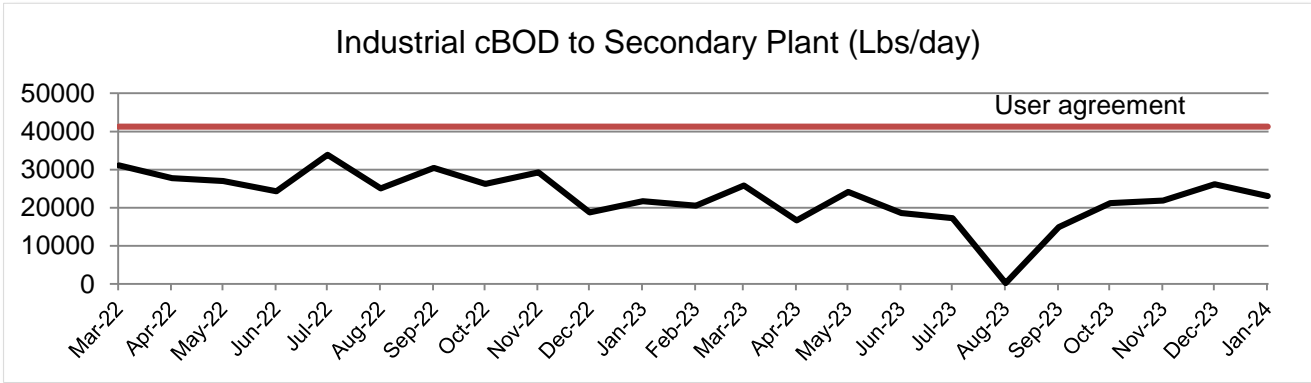


Design Limits  
(monthly AVG)

Actual Results

Secondary Plant

Flow (MGD)	15.25	5.2
cBOD (lbs/Day)	41,300	25,955
Peak cBOD (lbs/Day)	57,350	37,119
Zinc-weekly (ug/L)	418	190
% GRPUC		28.1%

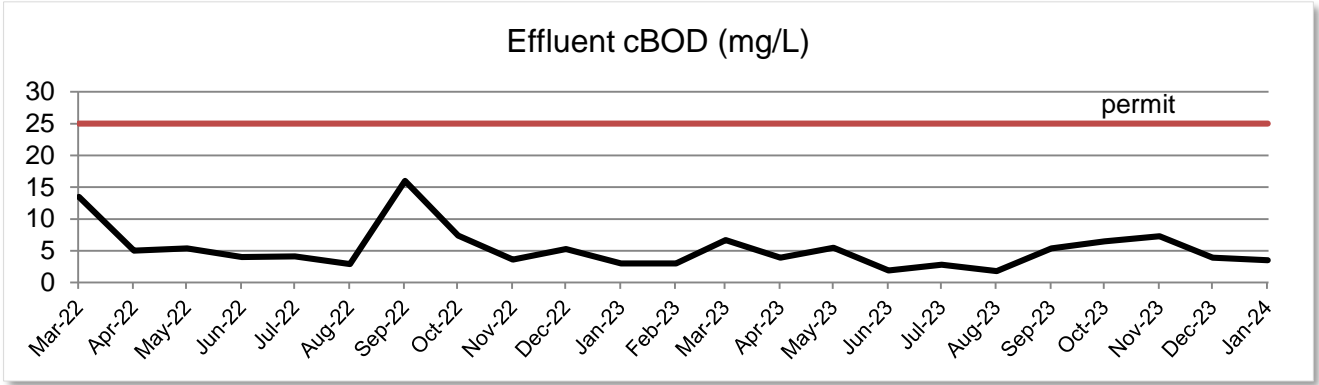
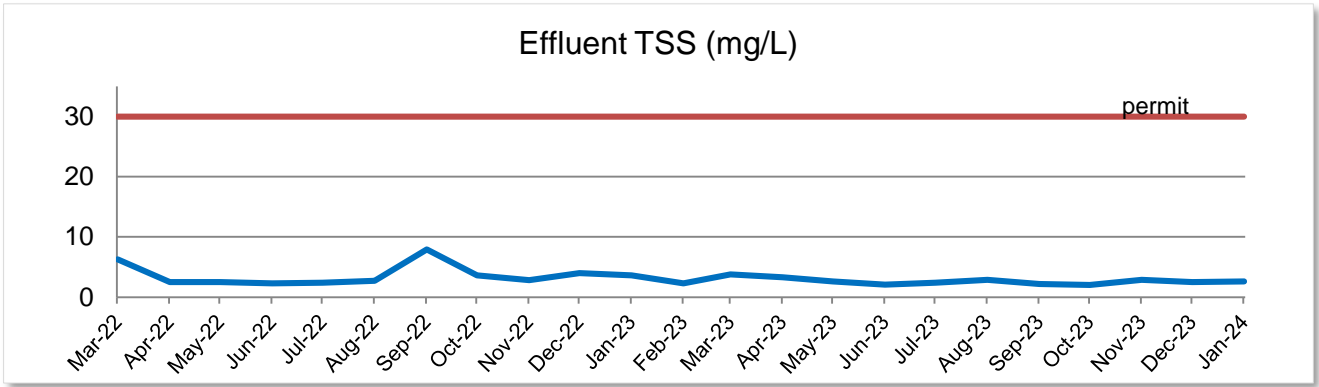


Permit Limits  
(monthly AVG)

Actual Results

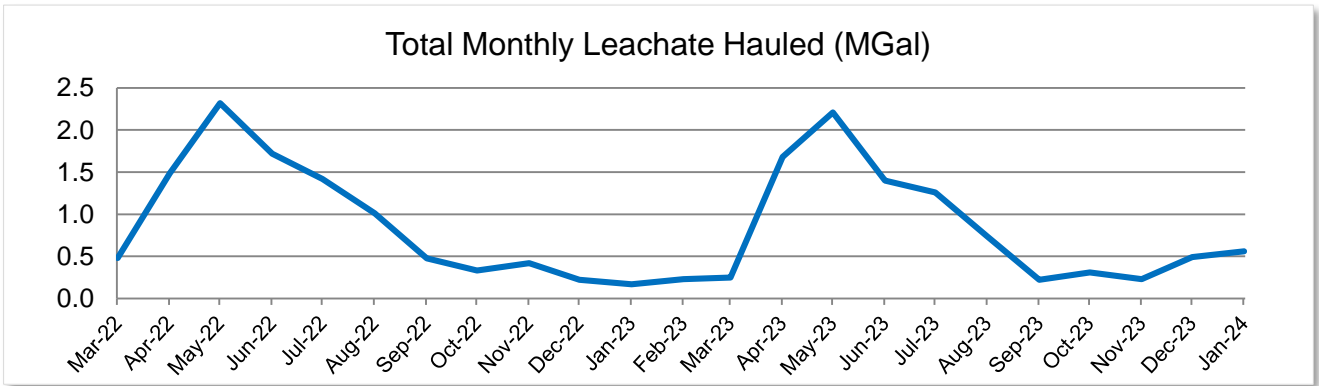
Effluent

TSS (mg/L) – monthly average	30	2.6
cBOD (mg/L) – monthly average	25	3.5
Dissolved Oxygen (mg/L)	>1.0	9.8



## **Sludge Landfill Operations**

- 0.56 million gallons of leachate were hauled last month which is abnormally high.
- 3516 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%	Not Started		
GRPU	WWC	Jetting		\$150,000	\$0	0%	0%	Not Started		
GRPU	WWC	Lift Station 3 Controls Update	WWCO2403	\$25,000	\$0	0%	0%	Not Started		
GRPU	WWC	Lift Station Pumps	WWCO2005	\$35,000	\$0	0%	0%	Not Started		
GRPU	WWT	Septic Hauler Dump Station	WWDO2403	\$553,500	\$0	0%	0%	Not Started		
GRPU	WWT	Landfill Cover Ph 1-4, Ket D	WWSD2301	\$2,085,000	\$0	0%	0%	Not Started		
GRPU	WWT	Trash Compactor	WWDO2302	\$90,000	\$0	0%	0%	Not 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