



**GRAND RAPIDS  
PUBLIC UTILITIES**

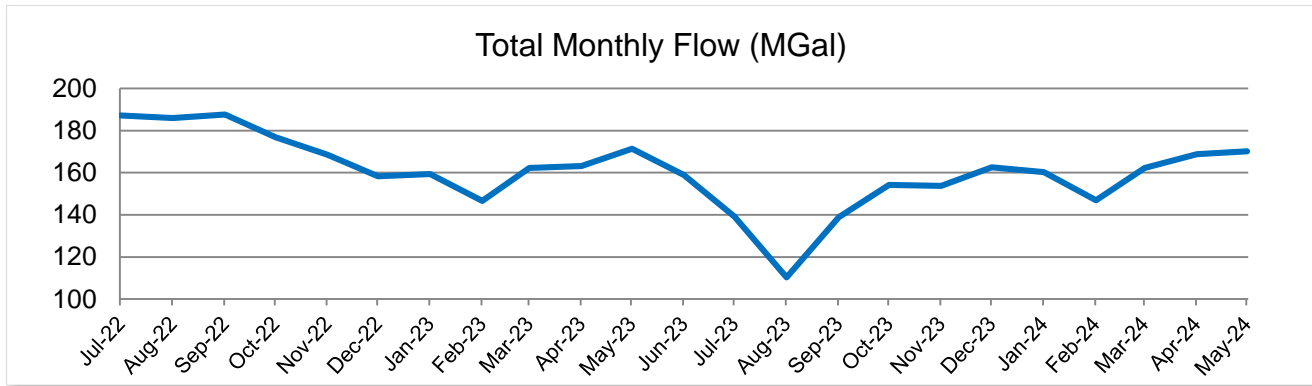
*Service is Our Nature*

500 SE Fourth Street • Grand Rapids, Minnesota 55744

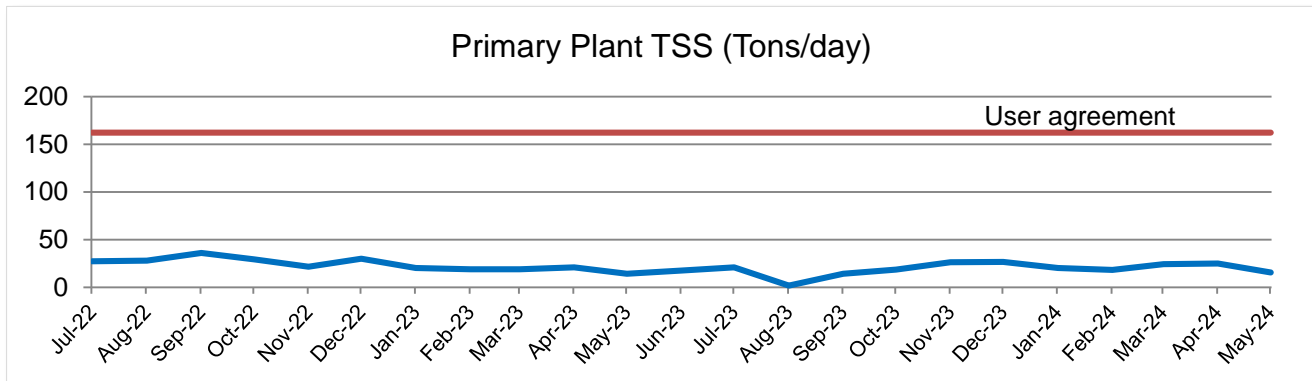
## WASTEWATER UTILITY MONTHLY REPORT June 2024 Commission Meeting

### Wastewater Operations

The Wastewater Treatment Plant (WWTP) met all National Pollutant Discharge Elimination System (NPDES) permit requirements last month. We treated 170 million gallons of water removing 99.8% of the Total Suspended Solids (TSS) and 99.6% Biochemical Oxygen Demand (cBOD).



	Design Limits (monthly AVG)	Actual Results
<u>Primary Plant</u>		
Flow (MGD)	13.25	4.0
TSS (Tons/day)	162	15.6
TSS Peak (Tons/Day)	284	39.6

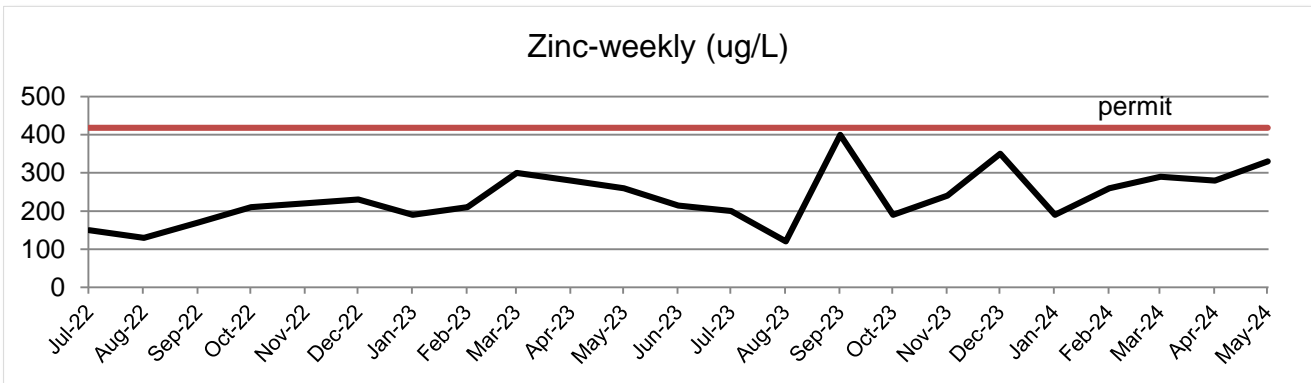
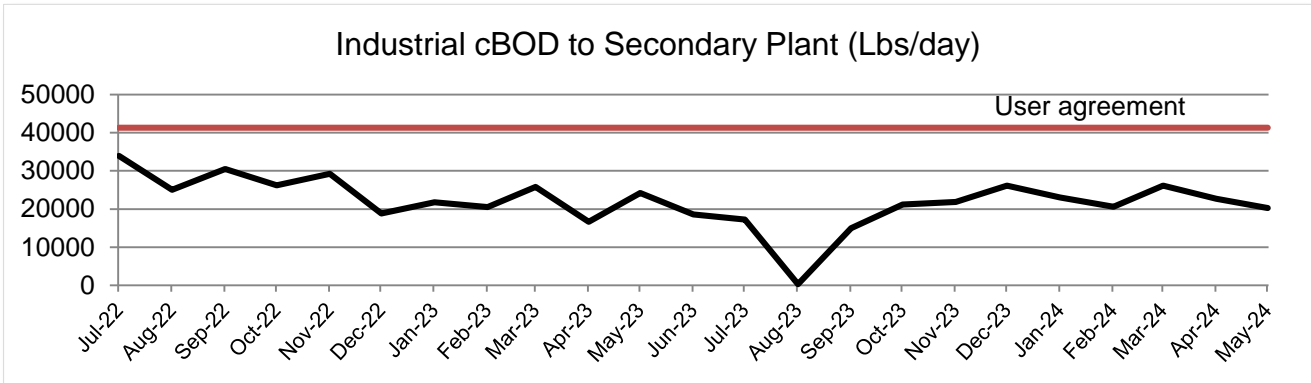


Design Limits  
(monthly AVG)

Actual Results

Secondary Plant

Flow (MGD)	15.25	5.5
cBOD (lbs/Day)	41,300	23,191
Peak cBOD (lbs/Day)	57,350	34,186
Zinc-weekly (ug/L)	418	330
% GRPUC		28.2%

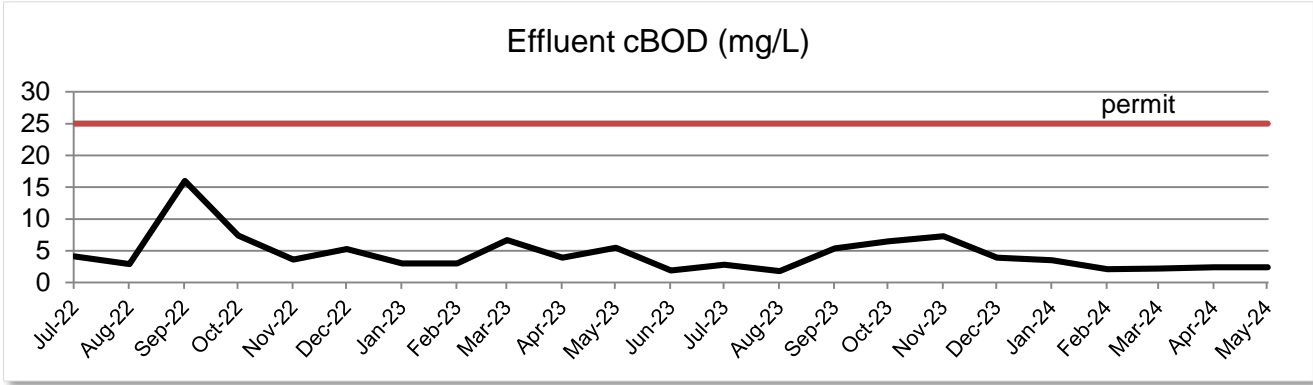
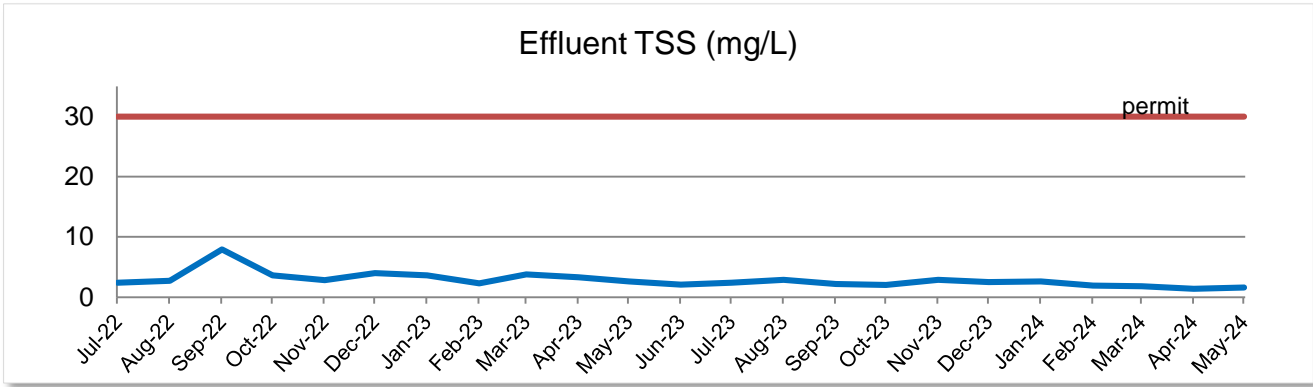


Permit Limits  
(monthly AVG)

Actual Results

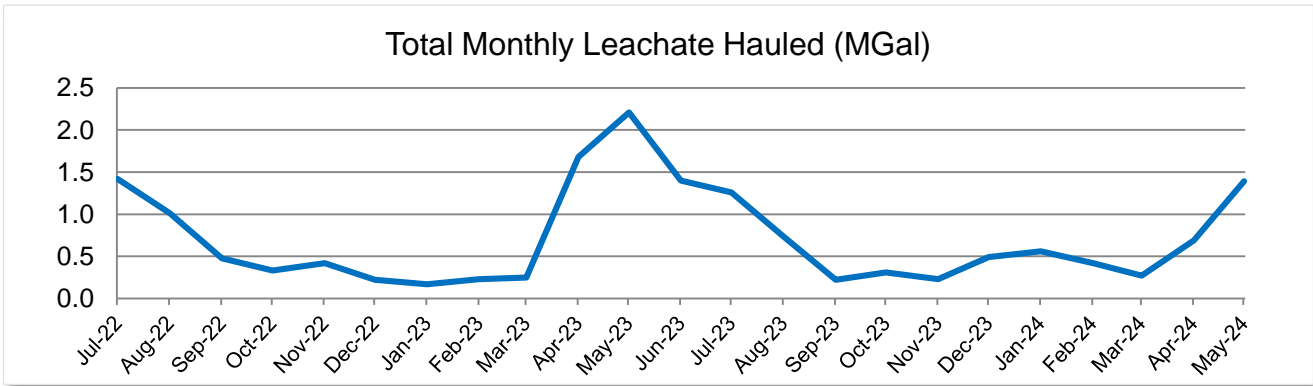
Effluent

TSS (mg/L) – monthly average	30	1.6
cBOD (mg/L) – monthly average	25	2.4
Dissolved Oxygen (mg/L)	>1.0	7.0



**Sludge Landfill Operations**

- 1.39 million gallons of leachate were hauled last month which is low for May.
- 3216 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 Complete	Status	Noted Issues / Highlights
City		WWC	3rd Ave NE, 7th St NE	WWCO2002	\$270,000	\$0	0%	10%	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%	10%	In Progress	
GRPU		WWC	Lift Station Pumps	WWCO2005	\$35,000	\$0	0%	10%	In Progress	
GRPU		WWT	Septic Hauler Dump Station	WWDO2403	\$553,500	\$0	0%	5%	In Progress	
GRPU		WWT	Trash Compactor	WWDO2302	\$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