



GRAND RAPIDS  
PUBLIC UTILITIES

*Service is Our Nature*

500 SE Fourth Street • Grand Rapids, Minnesota 55744

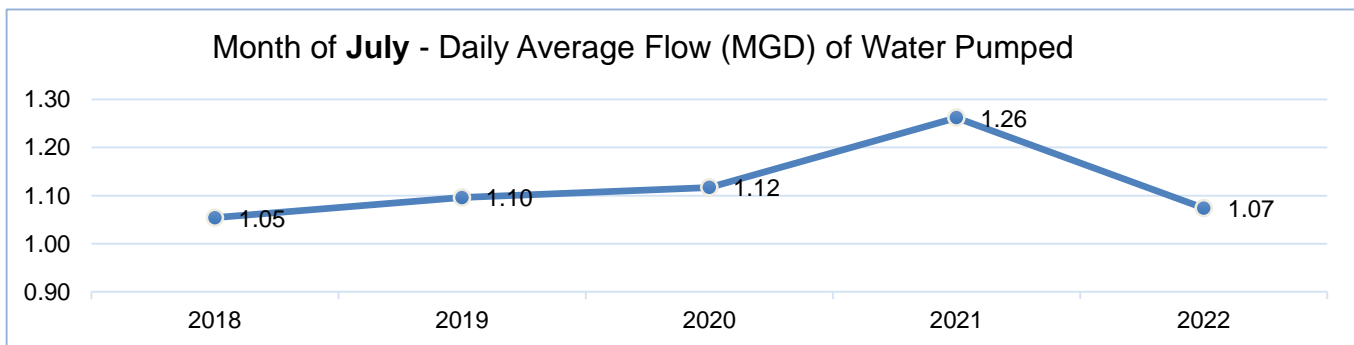
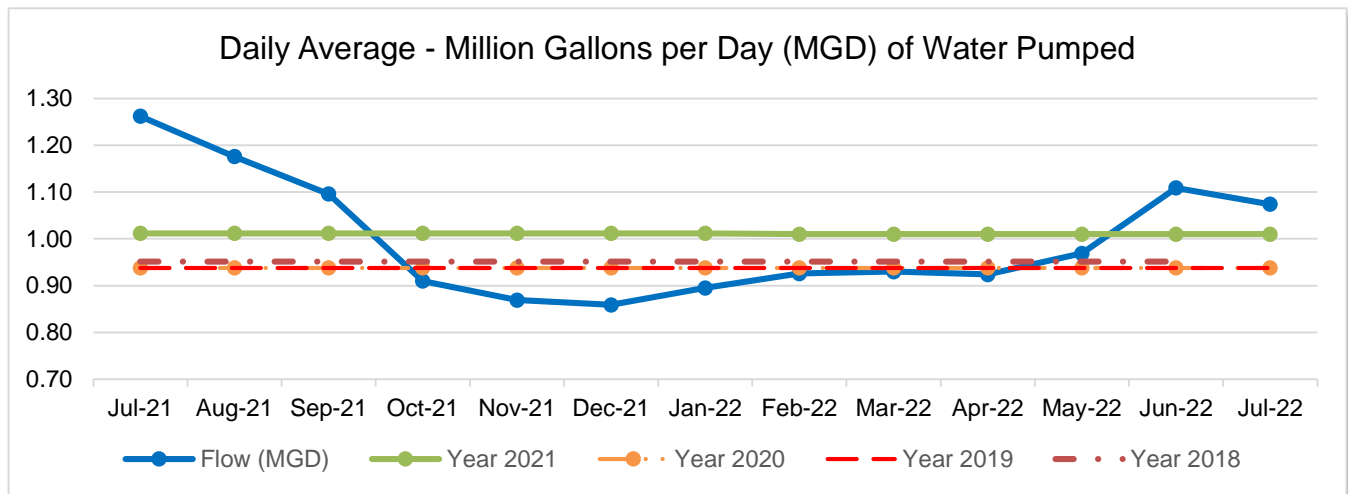
## WATER & WASTEWATER DEPARTMENT MONTHLY REPORT August 2022 Commission Meeting

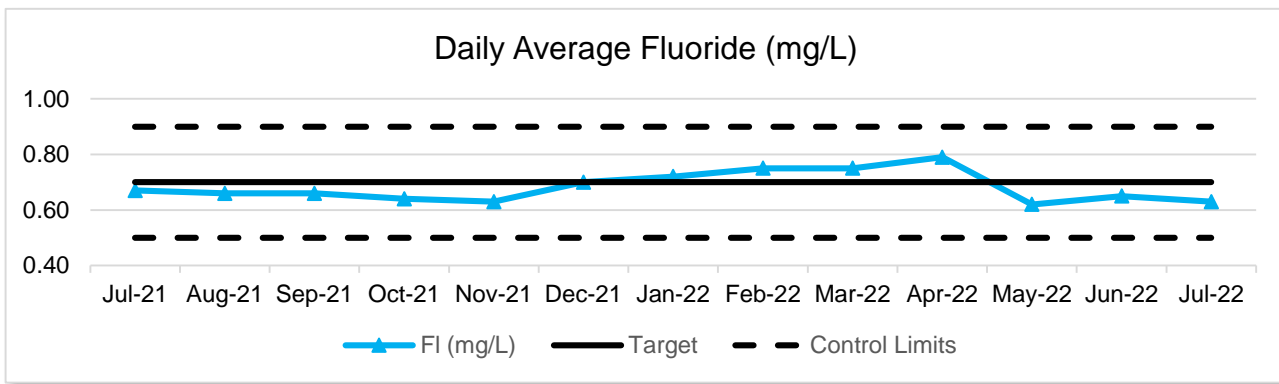
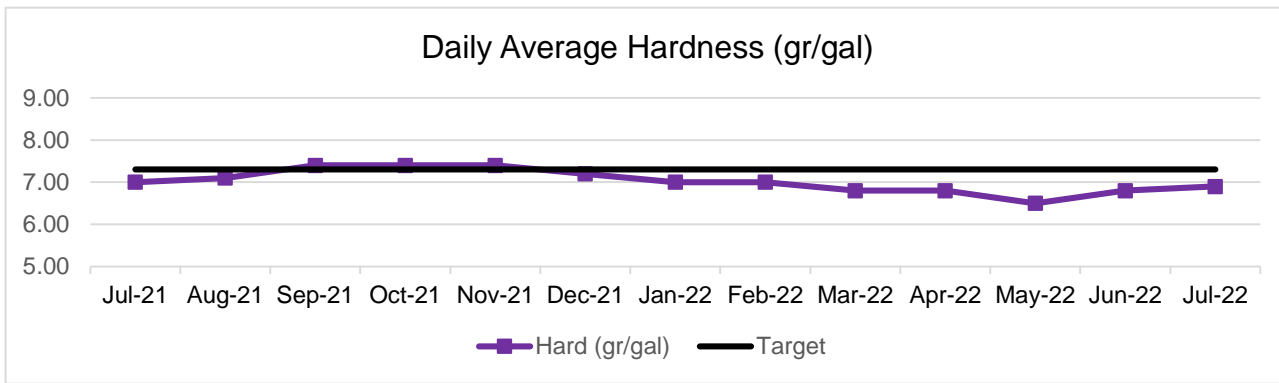
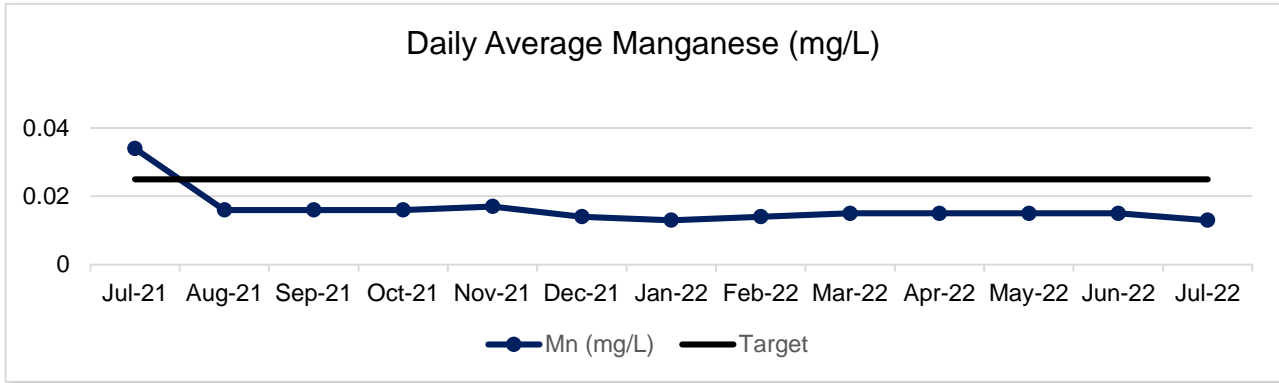
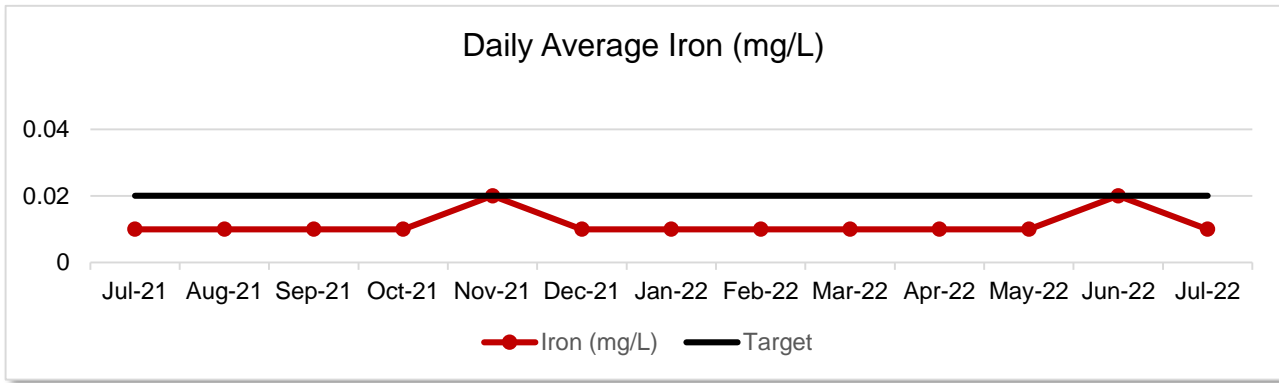
### Safety

There were no OSHA recordable accidents last month.

### Water Operations

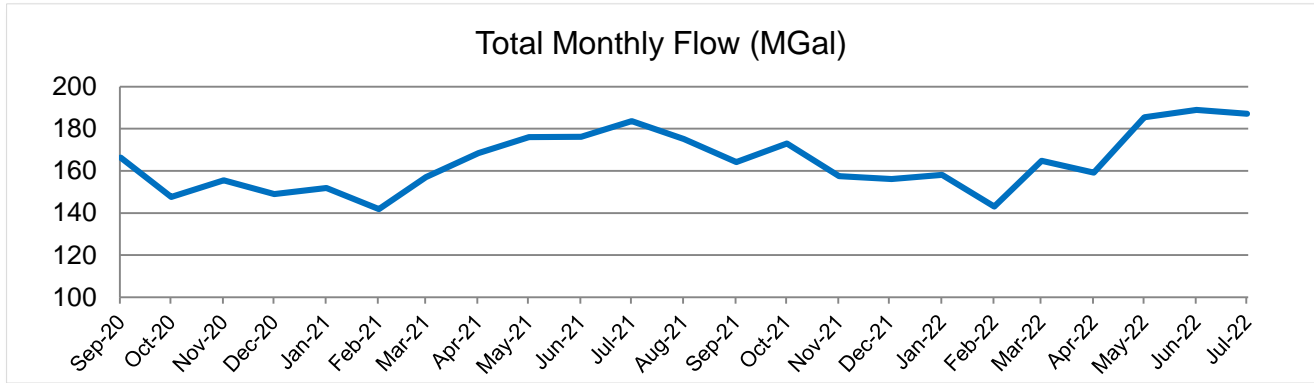
The water plant pumped an average of 1.07 million gallons of water per day (MGD) with a peak of 1.23 million gallons during last month.



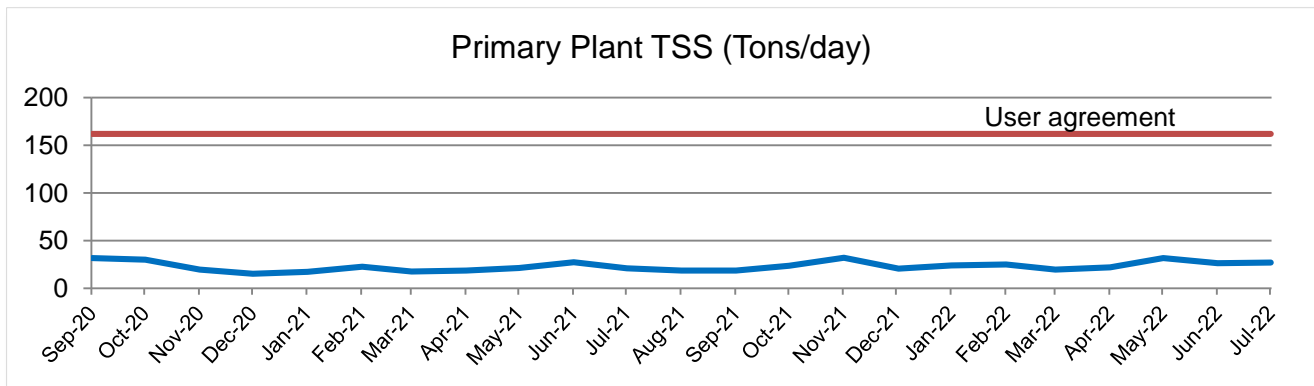


## Wastewater Operations

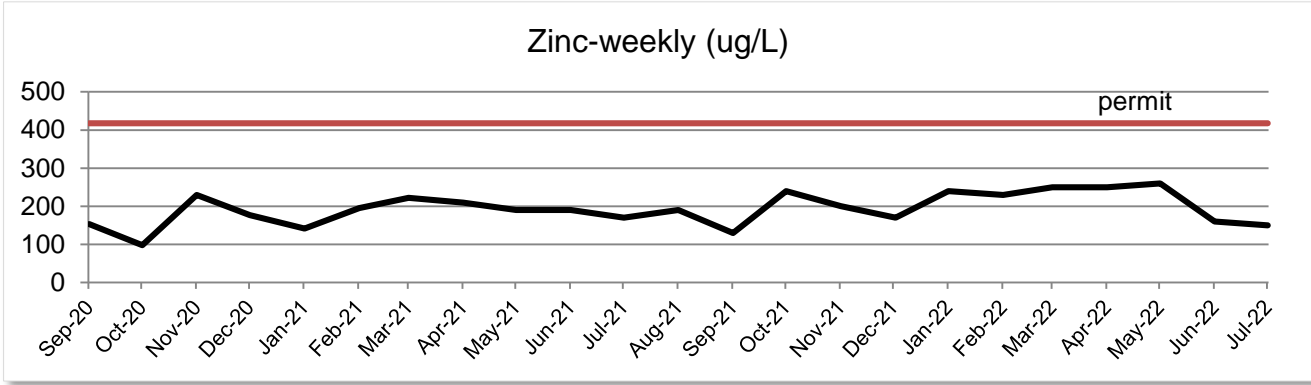
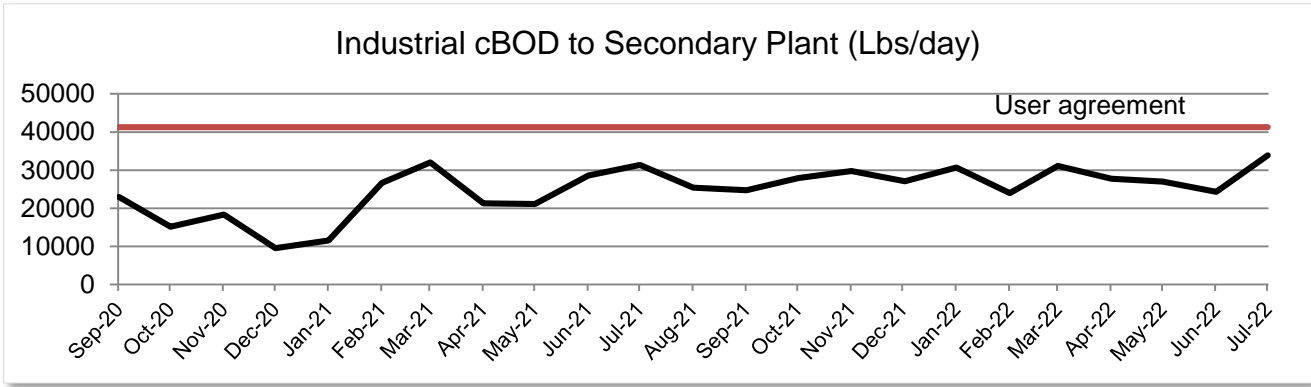
The Wastewater Treatment Plant (WWTP) met all National Pollutant Discharge Elimination System (NPDES) permit requirements last month. We treated 187 million gallons of water removing 99.7% of the Total Suspended Solids (TSS) and 99.5% Biochemical Oxygen Demand (cBOD).



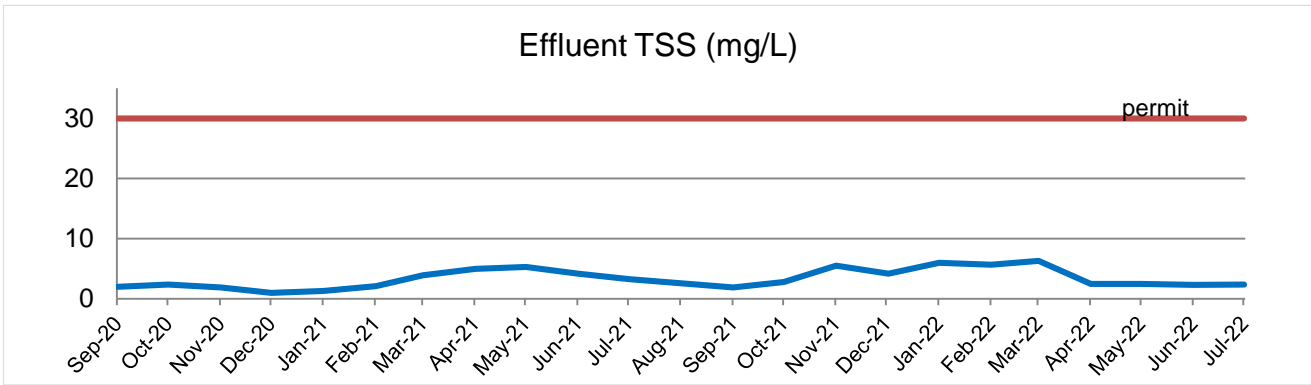
	Design Limits (monthly AVG)	Actual Results
<u>Primary Plant</u>		
Flow (MGD)	13.25	4.4
TSS (Tons/day)	162	27.1
TSS Peak (Tons/Day)	284	84.1

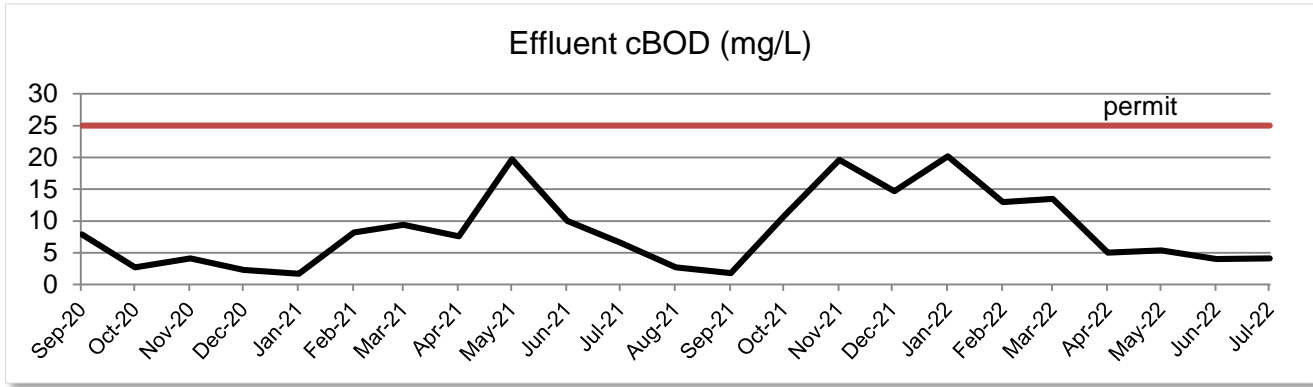


	Design Limits (monthly AVG)	Actual Results
<u>Secondary Plant</u>		
Flow (MGD)	15.25	6.0
cBOD (lbs/Day)	41,300	36,966
Peak cBOD (lbs/Day)	57,350	55,583
Zinc-weekly (ug/L)	418	150
% GRPUC		28.8%



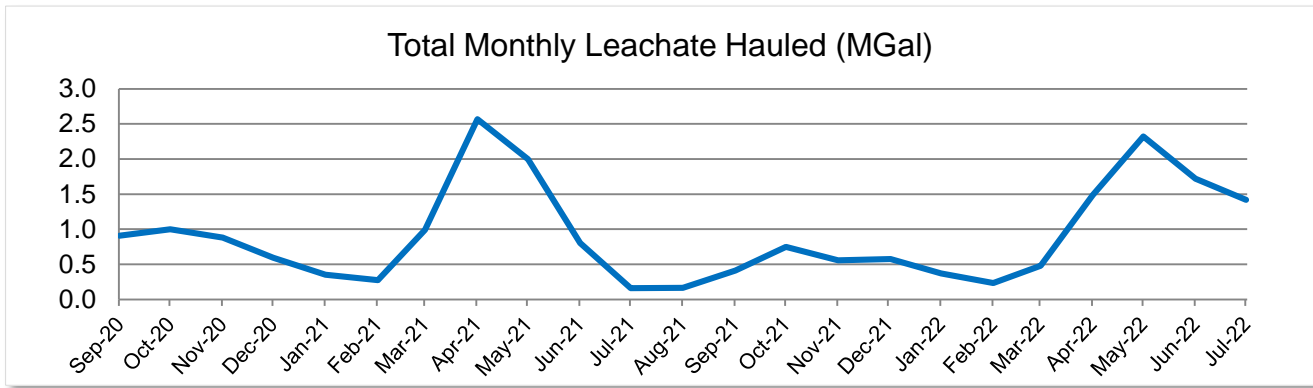
Effluent	Permit Limits (monthly AVG)	Actual Results
TSS (mg/L) – monthly average	30	2.4
cBOD (mg/L) – monthly average	25	4.1
Dissolved Oxygen (mg/L)	>1.0	5.4





**Sludge Landfill Operations**

- 1.42 million gallons of leachate were hauled last month
- 4,476 cubic yards of sludge solids were hauled to the landfill



**AMI Water Install Last Month**

We installed 0 water nodes and/or meters in residential routes. We currently have 3487 (99%) active water nodes installed in the system. We are still awaiting delivery on nodes ordered in December 2020. Production of nodes is ramping up and delivery schedules promised to be shared sometime soon.

**Projects Performed Last Month**

- Jetting and televising the collection system in the SE part of Grand Rapids.
- Installed control cabinets for Lift 6 & 7 capital projects.
- Landfill Phase 1-4, Kettle D cover project work with Stantec.

**Projects Scheduled for This Month**

- Jetting and televising the collection system in SE.
- Install filter valves in Water Plant.
- Install water meter in north side of LaPrairie.