



Date: April 4, 2025

To: City of Hinckley

From: Jerry Williams, Operator

O & M Report: March 2025

Water Operation & Maintenance

- Completed daily rounds.
- Completed monthly fluoride report and sent to MN Dept of Health.
- We backwashed Water Treatment Plant #1 & #2 once a week.
- Completed Gopher One locates.
- WTP chemicals delivered by Hawkins Chemical company.
- The water meter was replaced at the hotel for Grand Casino.
- Tonkazorb meter repaired and back in service.
- Tier II chemical inventory completed,

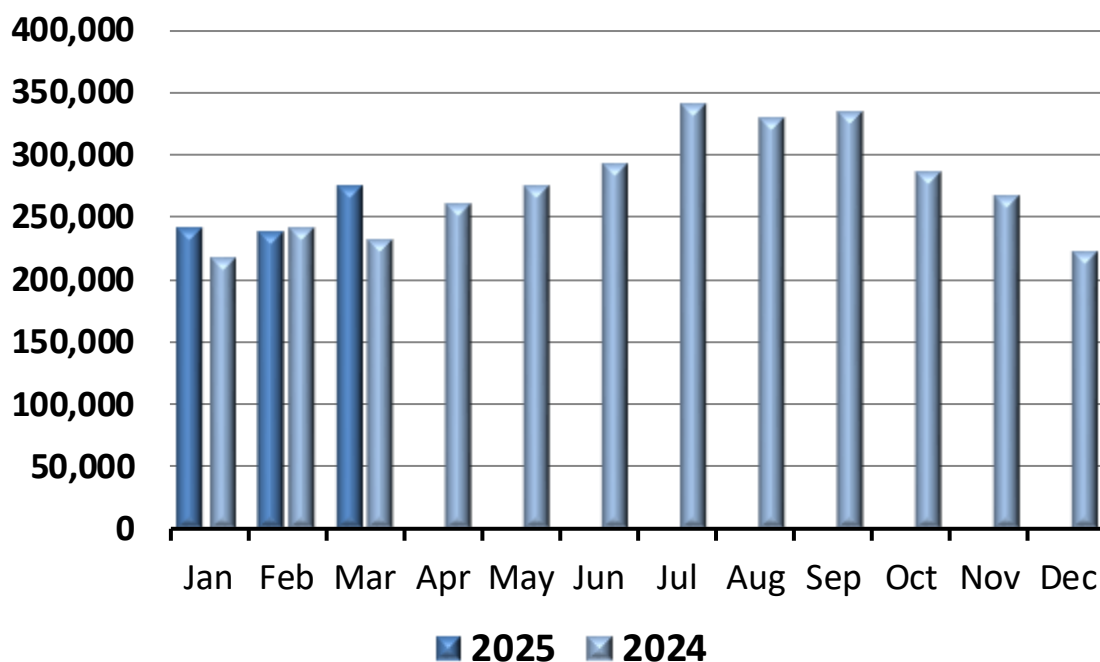
Wastewater Operation & Maintenance

- Completed daily rounds.
- We collected weekly samples and sent them into the lab for analysis.
- We completed the monthly DMRs and sent them into the state.
- Added the Mega bugs every Wednesday to the southwest holding pond.
- Added the T195 bugs to the west aerator pond daily.
- Completed daily Dissolved Oxygen readings daily.
- Cleaned the Dissolved Oxygen meter weekly.
- Cleaned the fine screen weekly.
- We had all the chemicals filled as needed.

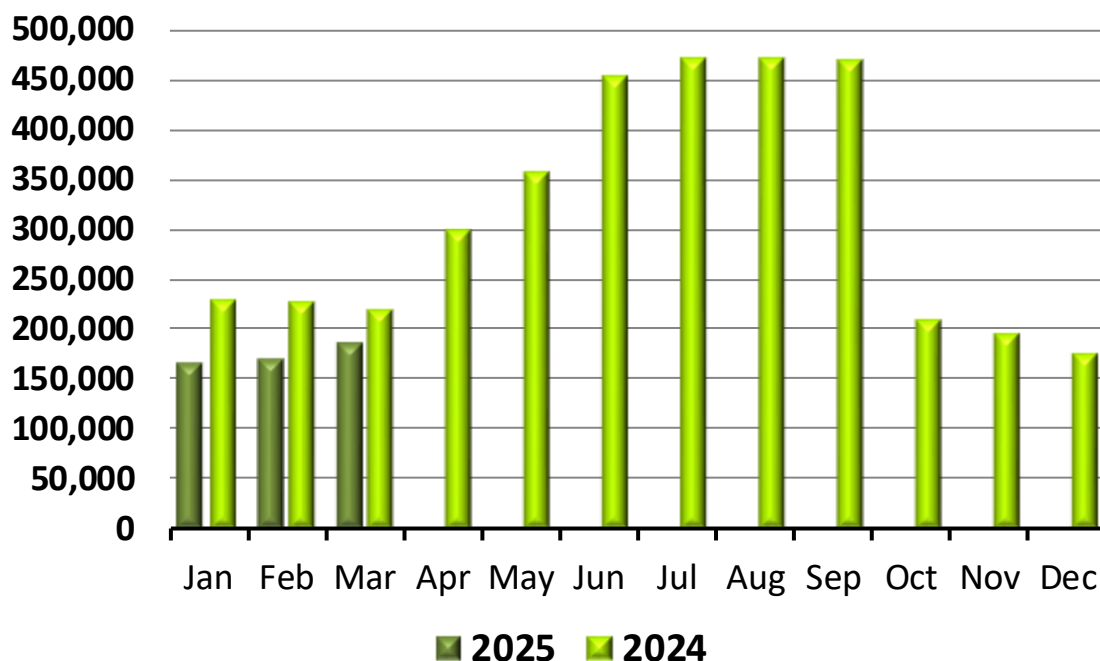


- Sewer backup on Berry St at same location as it was previous month. Got a hold of Nelson Sanitation to clean and televise section to see what problems there may be, both incidents notified around 10 pm.
- Decant pump put back in the pond for the summer.
- Callout at lift station #1 a bunch of rags wrapped around the off float, which made the pumps run continuously. (Approximately at 1:30)

Average Daily Water Pumped - In Gallons



Average Daily Wastewater Pumped - In Gallons



Water		March-25	February-25	March-24
	Units			
Average Daily Pumped	gallons	274,483	239,214	232,000
Maximum Daily Pumped Well #3	gallons	462,000	316,000	280,000
Maximum Daily Pumped Well #4	gallons	154,000	127,000	112,000
Maximum Daily Pumped Well #5	gallons	154,000	152,000	126,000
Total Monthly Pumped	gallons	8,509,000	6,698,000	7,211,000
Well #3 Pumped	gallons	5,191,000	5,494,000	3,732,000
Well #4 Pumped	gallons	1,637,000	572,000	1,656,000
Well #5 Pumped	gallons	1,681,000	632,000	1,823,000
Wastewater				
CBOD				
CBOD Influent	mg/L	689	776	759
CBOD Effluent	mg/L	8	14	4
CBOD Effluent Permit Limit	mg/L	15	15	15
CBOD % Removal	%	99%	98%	100%
CBOD % Removal Permit Limit	%	85%	85%	85%
CBOD Effluent Loading	kg/day	0.0	0.0	2.9
CBOD Effluent Loading Permit Limit	kg/day	38.0	38.0	38.0
TSS				
TSS Influent	mg/L	653	630	714
TSS Effluent	mg/L	14	31	<3.0
TSS Effluent Permit Limit	mg/L	30	30	30
TSS % Removal	%	98%	95%	100%
TSS % Removal Permit Limit	%	85%	85%	85%
TSS Effluent Loading	kg/day	0.0	0.0	<2.2
TSS Effluent Loading Permit Limit	kg/day	77.0	77.0	77.0
Phosphorus				
Phos Influent	mg/L	15	19	457
Phos Effluent	mg/L	0.3	0.4	0.5
Phos Effluent Permit Limit	mg/L	1.0	1.0	1.0
Nitrogen Ammonia				
NA Effluent	mg/L	0.0	0.0	N/A
NA Effluent Permit Limit	mg/L	N/A	Monitor only	N/A
Fecal Clostridium Group				
Fecal Effluent	200#/100ml	N/A	N/A	N/A
Fecal Effluent Permit Limit	200#/100ml	N/A	N/A	N/A
Dissolved Oxygen				
DO Effluent	mg/L	9.5	13.0	10.4
DO Effluent Permit Limit	mg/L	5.0	5.0	5.0
Effluent Flow				
Average Daily	gallons	183,516	168,000	219,000
Maximum Daily	gallons	263,000	261,000	292,000
Total Monthly	gallons	5,689,000	4,698,000	6,782,000
Precipitation Monthly Total	Inches	0.53	0.23	0.94



Contract True-Ups - Current Contract Year				
Item	Budgeted Amount	Amount Spent	% of Budget	% of Time
Chemical Budget	\$69,131.00	\$33,762.00	49%	33%
Maintenance Budget	\$6,445.00	\$1,021.00	16%	33%
Total	\$75,576.00	\$34,783.00	46%	33%