

Date: March 19, 2025

To: City of Hinckley

From: Jerry Williams, Operator

O & M Report: February 2025

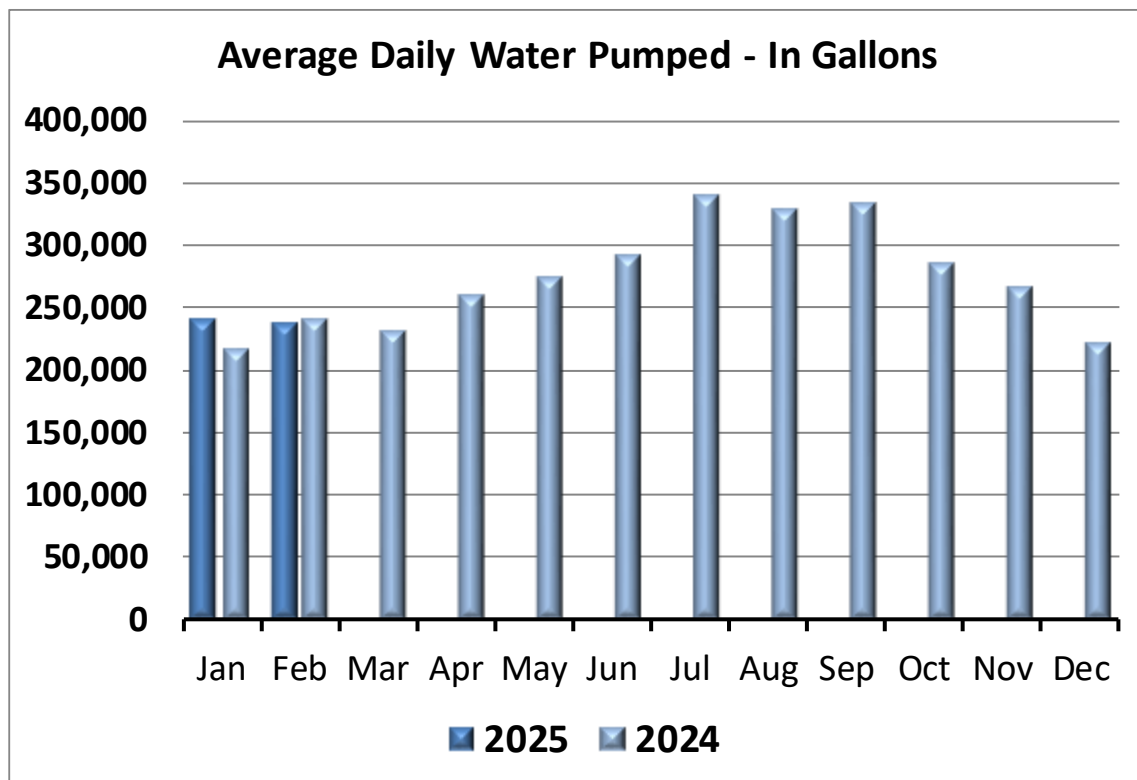
Water Operation & Maintenance

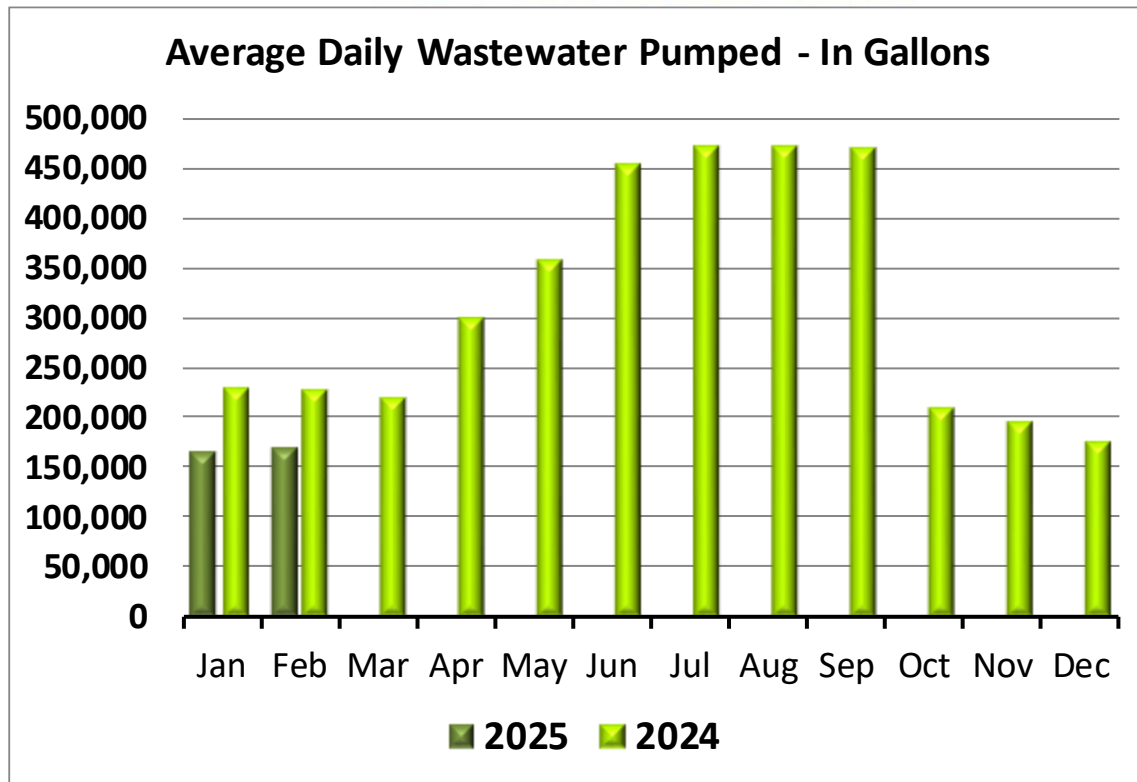
- Completed daily rounds.
- Completed monthly fluoride report and sent to MN Dept of Health.
- We backwashed Water Treatment Plant #1 & #2 once a week.
- Completed Gopher One locates.
- WTP chemicals delivered by Hawkins Chemical company.
- Assisted RV Park in trying to shut water off due to a leak.
- Water turned on at Maple Apartments south of movie theatre.
- Water meters were calibrated at wells #3, #4 and #5 by Midwest testing.
- The motor was rebuilt for the chemical Tonkazorb mixer.

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.

- The motor was rebuilt for chemical Ferric mixer.
- Total Control installed a new computer for the SCADA system.





Water		February-25	January-25	February-24
	Units			
Average Daily Pumped	gallons	239,214	241,290	241,000
Maximum Daily Pumped Well #3	gallons	316,000	315,000	288,000
Maximum Daily Pumped Well #4	gallons	127,000	155,000	100,000
Maximum Daily Pumped Well #5	gallons	152,000	149,000	108,000
Total Monthly Pumped	gallons	6,698,000	7,480,000	6,748,000
Well #3 Pumped	gallons	5,494,000	4,667,000	3,755,000
Well #4 Pumped	gallons	572,000	1,400,000	1,433,000
Well #5 Pumped	gallons	632,000	1,413,000	1,560,000
Wastewater				
CBOD				
CBOD Influent	mg/L	776	850	905
CBOD Effluent	mg/L	14	11	4
CBOD Effluent Permit Limit	mg/L	15	15	15
CBOD % Removal	%	98%	99%	100%
CBOD % Removal Permit Limit	%	85%	85%	85%
CBOD Effluent Loading	kg/day	0.0	0.0	3.4
CBOD Effluent Loading Permit Limit	kg/day	38.0	38.0	38.0
TSS				
TSS Influent	mg/L	630	862	742
TSS Effluent	mg/L	31	18	<3.0
TSS Effluent Permit Limit	mg/L	30	30	30
TSS % Removal	%	95%	98%	100%
TSS % Removal Permit Limit	%	85%	85%	85%
TSS Effluent Loading	kg/day	0.0	0.0	<2.4
TSS Effluent Loading Permit Limit	kg/day	77.0	77.0	77.0
Phosphorus				
Phos Influent	mg/L	19	19	5
Phos Effluent	mg/L	0.4	0.2	0.4
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	Monitor only	Monitor only	Monitor only
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	13.0	13.0	11.6
DO Effluent Permit Limit	mg/L	5.0	5.0	5.0
Effluent Flow				
Average Daily	gallons	168,000	164,000	229,000
Maximum Daily	gallons	261,000	221,000	299,000
Total Monthly	gallons	4,698,000	5,079,000	6,652,000
Precipitation Monthly Total	Inches	0.23	0.32	0.23



Contract True-Ups - Current Contract Year				
Item	Budgeted Amount	Amount Spent	% of Budget	% of Time
Chemical Budget	\$69,131.00	\$25,831.00	37%	25%
Maintenance Budget	\$6,445.00	\$1,014.00	16%	25%
Total	\$75,576.00	\$26,845.00	36%	25%