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April 24, 2025

Ms. Jane Gray
Wisconsin Department of Natural Resources
1701 N. 4th St.
Superior, WI 54880

Subject: 2025 First Quarterly Report – Rosecrans Properties, LLC (former Wauleco Site), Wausau,
Wisconsin
BRRTS #02-37-000006

Dear Ms. Gray:

On behalf of Rosecrans Properties, LLC, TRC is submitting a copy (enclosed) of the 2025 First Quarterly Report for the former Wauleco Site in Wausau, Wisconsin.

If you have any questions or comments regarding this information, please call me at (608) 347-8594.

Sincerely,

TRC

A handwritten signature in blue ink, appearing to read "Steve Sellwood".

Steve Sellwood
Project Manager

Attachments: 2025 First Quarterly Report

cc: Mark Nelson – EnviroAnalytics Group (electronic copy)
Tom Dushek – TRC (1 copy)

Rosecrans Properties, LLC (former Wauleco Site) - Wausau, Wisconsin
Quarterly Report
Submitted April 2025

Summary of 2025 First Quarter Activities

Groundwater Extraction and Treatment System Operation

Tables 1a, b, and c summarize the extraction and treatment system performance data for this reporting period. The results of the water discharged to the municipal sewer during the first quarter of 2025 are summarized as follows:

- Pentachlorophenol (PCP) screening (on-site gas chromatograph) results for the system effluent samples, which represent the water discharged to the municipal sanitary sewer, averaged 2.52 micrograms per liter (µg/L) in January, 4.25 µg/L in February, and 6.23 µg/L in March.
- Laboratory results for the sampling events conducted this quarter are included in Tables 1a, b, and c for each month. The laboratory results for PCP in the system effluent were 1.6 µg/L on January 15, 2.7 µg/L on February 12, and 8.9 µg/L on March 18, 2025.
- Both laboratory and on-site screening results indicate that the effluent PCP concentrations were below the monthly average permit level of 150 µg/L and the daily maximum concentration of 300 µg/L.
- Total treatment system efficiency (including carbon polishing units) removed more than 99 percent of the PCP between the influent and the effluent.

On-site screening PCP influent concentrations ranged from 2,636 µg/L to 5,729 µg/L during the quarter (Tables 1a, b, and c). PCP influent and effluent concentrations in the fluidized bed reactor (FBR) are presented graphically, both as individual data points and as moving averages, on Figure 1. FBR results included the following:

- As shown on Figure 1 and in Tables 1a, b, and c, PCP concentrations in the FBR influent fluctuated during the quarter and generally remain within normal concentrations.
- The average PCP removal efficiency for the biological portion (*i.e.*, FBR influent to the fixed film reactor [FFR] effluent) of the system during this quarter is compared to the following:

Month	Average PCP Removal (%)	Previous 12 Month Average (%)	Average 1 Year Ago (%)
January 2025	59	67	71
February 2025	67	66	67
March 2025	70	66	65

- The dissolved oxygen concentration in the FBR influent averaged 2.5 milligrams per liter (mg/L) in January, 2.8 mg/L in February, and 2.4 mg/L in March 2025.

Laboratory results for the mercury analysis of the system effluent samples are included in Tables 1a, b, and c. The mercury concentration in the system effluent sample (discharged to the sanitary sewer) was 0.047 µg/L on January 15, 0.023 µg/L on February 12, and <0.020 µg/L

on March 18, which are below the maximum concentration specified in Wausau Municipal Code (1.6 µg/L). The calculated mass loading for mercury in January was 0.0000107 pounds per 24 hours (lb/24 hours) and in February was 0.00000449 lb/24 hours, which are below the mass loading limit of 0.00048 lb/24 hours specified in Wausau Municipal Code. The mass loading for mercury, calculated using half the detection limit ($0.02 \text{ µg/L} / 2 = 0.01 \text{ µg/L}$), for March was 0.00000177 lb/24 hours, which is also below the mass loading limit of 0.00048 lb/24 hours.

The daily groundwater flow of the effluent to the Wausau Wastewater Treatment Plant averaged 18.98 gallons per minute (gpm) for January, 16.26 gpm for February, and 14.70 gpm for March 2025 (Tables 2a, b, and c). Figure 2 shows the historical average groundwater extraction rate.

Groundwater Monitoring

Water table elevations for the month of January 2025 are summarized in Table 3. A water table map for the month of January 2025 is included as Drawing 1.

The product thickness data for January 2025 are summarized in Table 4. Measurements show product present in a few isolated wells in January.

Enclosures: Tables 1a, b, and c – Above Ground Treatment System Data
 Tables 2a, b, and c – Treatment System Flows
 Table 3 – Groundwater Elevation Data
 Table 4 – Free Product Measurements
 Figure 1 – FBR Influent and Effluent PCP Concentrations
 Figure 2 – Average Groundwater Extraction Rates and Water Level Deviation
 Versus Time
 Drawing 1 – Water Table Map – January 2025

TABLE 1a
JANUARY 2025

Above Ground Treatment System Data
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin

<u>Parameter</u>	<u>UNIT</u>	<u>DATE</u>	<u>FBR</u> <u>Influent</u>	<u>FBR</u> <u>Effluent</u>	<u>FFR</u> <u>Effluent</u>	<u>Bag Filter</u> <u>Effluent</u>	<u>Filters1+2</u> <u>Effluent</u>	<u>System</u> <u>Effluent</u>	<u>System</u> <u>Eff Dup</u>
Biological Oxygen Demand	mg/L	1/15/2025	14	5.6				<	
Chemical Oxygen Demand	mg/L	1/15/2025	30	<				<	
Chloride	mg/L	1/15/2025	120	120				130	
Dissolved Oxygen	mg/L	1/2/2025	2.4	1	3.9				
	mg/L	1/8/2025	2.4	1.2	3.8				
	mg/L	1/15/2025	2.5	1.1	3.8				
	mg/L	1/22/2025	2.6	1.2	3.8				
	mg/L	1/29/2025	2.6	1.2	3.8				
Nitrogen, Ammonia	mg/L	1/2/2025	0.4	0.3	0.3				
	mg/L	1/8/2025	0.4	0.3	0.3				
	mg/L	1/15/2025	0.4	0.2	0.2				
	mg/L	1/22/2025	0.3	0.2	0.1				
	mg/L	1/29/2025	0.3	0.2	0.3				
Nitrogen, Nitrate	mg/L	1/2/2025	<	<	<				
	mg/L	1/8/2025	<	<	<				
	mg/L	1/15/2025	<	<	<				
	mg/L	1/22/2025	<	<	<				
	mg/L	1/29/2025	<	<	<				
Nitrogen, Nitrate + Nitrite	mg/L	1/15/2025	<	<				<	
Nitrogen, Total Kjeldahl	mg/L	1/15/2025	<	<				<	
Pentachlorophenol-Screen	µg/L	1/1/2025						1	
	µg/L	1/2/2025	4069	1729	1699			1	
	µg/L	1/3/2025						2	
	µg/L	1/4/2025						2	
	µg/L	1/5/2025						2	
	µg/L	1/6/2025						2	
	µg/L	1/7/2025						2	
	µg/L	1/8/2025	4798	1737	1353			2	
	µg/L	1/9/2025						2	
	µg/L	1/10/2025						2	
	µg/L	1/11/2025						2	
	µg/L	1/12/2025						2	
	µg/L	1/13/2025						2	
	µg/L	1/14/2025						2	
	µg/L	1/15/2025	2636	1507	1343		383	2	
	µg/L	1/16/2025						4	
	µg/L	1/17/2025						3	
	µg/L	1/18/2025						3	
	µg/L	1/19/2025						3	
	µg/L	1/20/2025						3	
	µg/L	1/21/2025						3	
	µg/L	1/22/2025	3772	1867	1549			2	
	µg/L	1/23/2025						3	
	µg/L	1/24/2025						3	
	µg/L	1/25/2025						4	

TABLE 1a
JANUARY 2025

Above Ground Treatment System Data
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin

<u>Parameter</u>	<u>UNIT</u>	<u>DATE</u>	<u>FBR</u> <u>Influent</u>	<u>FBR</u> <u>Effluent</u>	<u>FFR</u> <u>Effluent</u>	<u>Bag Filter</u> <u>Effluent</u>	<u>Filters1+2</u> <u>Effluent</u>	<u>System</u> <u>Effluent</u>	<u>System</u> <u>Eff Dup</u>
Pentachlorophenol-Screen	µg/L	1/26/2025						4	
	µg/L	1/27/2025						4	
	µg/L	1/28/2025						3	
	µg/L	1/29/2025	3007	1120	1327			2	
	µg/L	1/30/2025						3	
	µg/L	1/31/2025						3	
pH	S.U.	1/2/2025	6.5	6.65	6.5				
	S.U.	1/8/2025	6.5	6.7	6.5				
	S.U.	1/15/2025	6.6	6.75	6.75				
	S.U.	1/22/2025	6.6	6.6	6.6				
	S.U.	1/29/2025	6.5	6.7	6.5				
Phosphorus, Ortho	mg/L	1/15/2025	<	<				<	
Phosphorus, Phosphate	mg/L	1/2/2025	0.7	0.4	0.4				
	mg/L	1/8/2025	0.6	0.3	0.3				
	mg/L	1/15/2025	0.4	0.3	0.3				
	mg/L	1/22/2025	0.5	0.4	0.3				
	mg/L	1/29/2025	0.4	0.3	0.3				
Solids, Total Suspended	mg/L	1/15/2025	15	15				2.4	
Mercury	µg/L	1/15/2025	0.10					0.047	
Phenol									
2,3,4,6-Tetrachlorophenol	µg/L	1/15/2025	200	68	90			<	<
2,4,5-Trichlorophenol	µg/L	1/15/2025	<	<	<			<	<
2,4,6-Trichlorophenol	µg/L	1/15/2025	<	<	<			<	<
2,4-Dichlorophenol	µg/L	1/15/2025	<	<	<			<	<
2,4-Dimethylphenol	µg/L	1/15/2025	<	<	<			<	<
2,4-Dinitrophenol	µg/L	1/15/2025	<	<	<			<	<
2,6-Dichlorophenol	µg/L	1/15/2025	<	<	<			<	<
2-Chlorophenol	µg/L	1/15/2025	<	<	<			<	<
2-Methylphenol	µg/L	1/15/2025	<	<	<			<	<
2-Nitrophenol	µg/L	1/15/2025	<	<	<			<	<
3&4-Methylphenol	µg/L	1/15/2025	<	<	<			<	<
4,6-Dinitro-2-Methylphenol	µg/L	1/15/2025	<	<	<			<	<
4-Chloro-3-Methylphenol	µg/L	1/15/2025	<	<	<			<	<
4-Nitrophenol	µg/L	1/15/2025	<	<	<			<	<
Pentachlorophenol	µg/L	1/15/2025	2400	720	890			1.6	1.4
Phenol	µg/L	1/15/2025	<	<	<			<	<

**TABLE 1b
FEBRUARY 2025**

**Above Ground Treatment System Data
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin**

<u>Parameter</u>	<u>UNIT</u>	<u>DATE</u>	<u>FBR Influent</u>	<u>FBR Effluent</u>	<u>FFR Effluent</u>	<u>Bag Filter Effluent</u>	<u>Filters1+2 Effluent</u>	<u>System Effluent</u>	<u>System Eff Dup</u>
Biological Oxygen Demand	mg/L	2/12/2025	10	10				7.6	
Chemical Oxygen Demand	mg/L	2/12/2025	23	<				<	
Chloride	mg/L	2/12/2025	150	140				140	
Dissolved Oxygen	mg/L	2/5/2025	2.8	1.1	3.7				
	mg/L	2/12/2025	2.8	1.1	3.8				
	mg/L	2/19/2025	2.8	1	3.8				
	mg/L	2/26/2025	2.8	1.1	3.3				
Nitrogen, Ammonia	mg/L	2/5/2025	0.4	0.3	0.2				
	mg/L	2/12/2025	0.3	0.2	0.2				
	mg/L	2/19/2025	0.3	0.2	0.3				
	mg/L	2/26/2025	0.4	0.2	0.3				
Nitrogen, Nitrate	mg/L	2/5/2025	<	<	<				
	mg/L	2/12/2025	<	<	<				
	mg/L	2/19/2025	<	<	<				
	mg/L	2/26/2025	<	<	<				
Nitrogen, Total Kjeldahl	mg/L	2/12/2025	0.41	0.39				<	
Pentachlorophenol-Screen	µg/L	2/1/2025						3	
	µg/L	2/2/2025						3	
	µg/L	2/3/2025						3	
	µg/L	2/4/2025						4	
	µg/L	2/5/2025	3469	1638	1321			3	
	µg/L	2/6/2025						4	
	µg/L	2/7/2025						5	
	µg/L	2/8/2025						4	
	µg/L	2/9/2025						4	
	µg/L	2/10/2025						4	
	µg/L	2/11/2025						4	
	µg/L	2/12/2025	5729	1809	1543		438	4	
	µg/L	2/13/2025						3	
	µg/L	2/14/2025						7	
	µg/L	2/15/2025						4	
	µg/L	2/16/2025						4	
	µg/L	2/17/2025						4	
	µg/L	2/18/2025						3	
	µg/L	2/19/2025	3380	1113	1238			3	
	µg/L	2/20/2025						5	
	µg/L	2/21/2025						6	
	µg/L	2/22/2025						5	
	µg/L	2/23/2025						5	
	µg/L	2/24/2025						5	
	µg/L	2/25/2025						5	
	µg/L	2/26/2025	4671	1906	1496			6	
	µg/L	2/27/2025						4	

**TABLE 1b
FEBRUARY 2025**

**Above Ground Treatment System Data
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin**

<u>Parameter</u>	<u>UNIT</u>	<u>DATE</u>	<u>FBR Influent</u>	<u>FBR Effluent</u>	<u>FFR Effluent</u>	<u>Bag Filter Effluent</u>	<u>Filters1+2 Effluent</u>	<u>System Effluent</u>	<u>System Eff Dup</u>
Pentachlorophenol-Screen	µg/L	2/28/2025						5	
pH	S.U.	2/5/2025	6.55	6.6	6.55				
	S.U.	2/12/2025	6.55	6.7	6.7				
	S.U.	2/19/2025	6.7	6.8	6.7				
	S.U.	2/26/2025	6.75	6.8	6.8				
Phosphorus, Ortho	mg/L	2/12/2025	<	<				<	
Phosphorus, Phosphate	mg/L	2/5/2025	0.4	0.3	0.3				
	mg/L	2/12/2025	0.5	0.4	0.3				
	mg/L	2/19/2025	0.4	0.4	0.3				
	mg/L	2/26/2025	0.6	0.5	0.5				
Solids, Total Suspended	mg/L	2/12/2025	12	13				2.0	
Mercury	µg/L	2/12/2025						0.023	
Phenol									
2,3,4,6-Tetrachlorophenol	µg/L	2/12/2025	180		61			<	<
2,4,5-Trichlorophenol	µg/L	2/12/2025	<		<			<	<
2,4,6-Trichlorophenol	µg/L	2/12/2025	<		<			<	<
2,4-Dichlorophenol	µg/L	2/12/2025	<		<			<	<
2,4-Dimethylphenol	µg/L	2/12/2025	<		<			<	<
2,4-Dinitrophenol	µg/L	2/12/2025	<		<			<	<
2,6-Dichlorophenol	µg/L	2/12/2025	<		<			<	<
2-Chlorophenol	µg/L	2/12/2025	<		<			<	<
2-Methylphenol	µg/L	2/12/2025	<		<			<	<
2-Nitrophenol	µg/L	2/12/2025	<		<			<	<
3&4-Methylphenol	µg/L	2/12/2025	<		<			<	<
4,6-Dinitro-2-Methylphenol	µg/L	2/12/2025	<		<			<	<
4-Chloro-3-Methylphenol	µg/L	2/12/2025	<		<			<	<
4-Nitrophenol	µg/L	2/12/2025	<		<			<	<
Pentachlorophenol	µg/L	2/12/2025	2200		630			2.7	2.7
Phenol	µg/L	2/12/2025	<		<			<	<

**TABLE 1c
MARCH 2025**

**Above Ground Treatment System Data
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin**

<u>Parameter</u>	<u>UNIT</u>	<u>DATE</u>	<u>FBR Influent</u>	<u>FBR Effluent</u>	<u>FFR Effluent</u>	<u>Bag Filter Effluent</u>	<u>Filters1+2 Effluent</u>	<u>System Effluent</u>	<u>System Eff Dup</u>
Biological Oxygen Demand	mg/L	3/18/2025	16	8				<	
Chemical Oxygen Demand	mg/L	3/18/2025	33	25				<	
Chloride	mg/L	3/18/2025	140	140				140	
Dissolved Oxygen	mg/L	3/5/2025	2.6	1	3.2				
	mg/L	3/13/2025	2.4	1.1	3				
	mg/L	3/18/2025	2.5	1	2.9				
	mg/L	3/25/2025	2.2	1.2	3				
Nitrogen, Ammonia	mg/L	3/5/2025	0.3	0.3	0.2				
	mg/L	3/13/2025	0.3	0.2	0.2				
	mg/L	3/18/2025	0.4	0.2	0.3				
	mg/L	3/25/2025	0.2	0.2	0.2				
Nitrogen, Nitrate	mg/L	3/5/2025	<	<	<				
	mg/L	3/13/2025	<	<	<				
	mg/L	3/18/2025	<	<	<				
	mg/L	3/25/2025	<	<	<				
Nitrogen, Total Kjeldahl	mg/L	3/18/2025	<	<				<	
Pentachlorophenol-Screen	µg/L	3/1/2025						3	
	µg/L	3/2/2025						3	
	µg/L	3/3/2025						3	
	µg/L	3/4/2025						3	
	µg/L	3/5/2025	3666	1679	1346			3	
	µg/L	3/6/2025						4	
	µg/L	3/7/2025						6	
	µg/L	3/8/2025						7	
	µg/L	3/9/2025						7	
	µg/L	3/10/2025						7	
	µg/L	3/11/2025						7	
	µg/L	3/12/2025						7	
	µg/L	3/13/2025	3342	1401	1047			4	
	µg/L	3/14/2025						7	
	µg/L	3/15/2025						12	
	µg/L	3/16/2025						12	
	µg/L	3/17/2025						12	
	µg/L	3/18/2025	3529	1289	1414		289	14	
	µg/L	3/19/2025						8	
	µg/L	3/20/2025						9	
	µg/L	3/21/2025						9	
	µg/L	3/22/2025						8	
	µg/L	3/23/2025						8	
	µg/L	3/24/2025						8	
	µg/L	3/25/2025	3294	560	438			5	
	µg/L	3/26/2025						3	
	µg/L	3/27/2025						3	
	µg/L	3/28/2025						3	

TABLE 1c
MARCH 2025

Above Ground Treatment System Data
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin

<u>Parameter</u>	<u>UNIT</u>	<u>DATE</u>	<u>FBR</u> <u>Influent</u>	<u>FBR</u> <u>Effluent</u>	<u>FFR</u> <u>Effluent</u>	<u>Bag Filter</u> <u>Effluent</u>	<u>Filters1+2</u> <u>Effluent</u>	<u>System</u> <u>Effluent</u>	<u>System</u> <u>Eff Dup</u>
Pentachlorophenol-Screen	µg/L	3/29/2025						3	
	µg/L	3/30/2025						3	
	µg/L	3/31/2025						2	
pH	S.U.	3/5/2025	6.5	6.6	6.5				
	S.U.	3/13/2025	6.55	6.7	6.6				
	S.U.	3/18/2025	6.55	6.65	6.7				
	S.U.	3/25/2025	6.55	6.65	6.5				
Phosphorus, Ortho	mg/L	3/18/2025	<	<				<	
Phosphorus, Phosphate	mg/L	3/5/2025	0.7	0.6	0.4				
	mg/L	3/13/2025	0.6	0.6	0.5				
	mg/L	3/18/2025	0.6	0.5	0.4				
	mg/L	3/25/2025	0.7	1	1				
Solids, Total Suspended	mg/L	3/18/2025	19	24				6.4	
Mercury	µg/L	3/18/2025						<	
Phenol									
2,3,4,6-Tetrachlorophenol	µg/L	3/18/2025	250	94	92			1.6	1.4
2,4,5-Trichlorophenol	µg/L	3/18/2025	<	<	<			<	<
2,4,6-Trichlorophenol	µg/L	3/18/2025	<	<	<			<	<
2,4-Dichlorophenol	µg/L	3/18/2025	<	<	<			<	<
2,4-Dimethylphenol	µg/L	3/18/2025	<	<	<			<	<
2,4-Dinitrophenol	µg/L	3/18/2025	<	<	<			<	<
2,6-Dichlorophenol	µg/L	3/18/2025	<	<	<			<	<
2-Chlorophenol	µg/L	3/18/2025	<	<	<			<	<
2-Methylphenol	µg/L	3/18/2025	<	<	<			<	<
2-Nitrophenol	µg/L	3/18/2025	<	<	<			<	<
3&4-Methylphenol	µg/L	3/18/2025	<	<	<			<	<
4,6-Dinitro-2-Methylphenol	µg/L	3/18/2025	<	<	<			<	<
4-Chloro-3-Methylphenol	µg/L	3/18/2025	<	<	<			<	<
4-Nitrophenol	µg/L	3/18/2025	<	<	<			<	<
Pentachlorophenol	µg/L	3/18/2025	2300	660	640			8.9	8.7
Phenol	µg/L	3/18/2025	<	<	<			<	<

**TABLE 2a
JANUARY 2025**

**Treatment System Flows
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin**

Date	Influent Groundwater Flow Rate ^{(1) (3)} (gpm)	POTW Discharge Flow Rate ^{(1) (4)} (gpm)	POTW Totalized Discharge ⁽³⁾ (gal)
1/1/2025	23.55	19.23	139309856
1/2/2025	23.75	19.32	139337677
1/3/2025	23.72	19.39	139365604
1/4/2025	23.65	18.95	139392897
1/5/2025	23.69	19.03	139420295
1/6/2025	23.90	19.15	139447867
1/7/2025	24.09	19.74	139476293
1/8/2025	24.13	19.24	139504000
1/9/2025	24.19	19.36	139531885
1/10/2025	24.06	19.22	139559566
1/11/2025	23.52	18.75	139586559
1/12/2025	23.62	18.69	139613476
1/13/2025	23.60	18.63	139640300
1/14/2025	23.56	18.83	139667421
1/15/2025	23.49	18.77	139694453
1/16/2025	23.54	18.77	139721486
1/17/2025	23.55	18.74	139748471
1/18/2025	23.52	18.68	139775374
1/19/2025	23.58	18.74	139802358
1/20/2025	23.61	18.74	139829346
1/21/2025	23.74	18.89	139856542
1/22/2025	23.78	18.83	139883663
1/23/2025	23.78	18.72	139910621
1/24/2025	23.79	18.72	139937573
1/25/2025	23.98	18.90	139964793
1/26/2025	23.96	19.06	139992242
1/27/2025	23.96	18.95	140019524
1/28/2025	23.99	18.92	140046766
1/29/2025	24.04	19.08	140074248
1/30/2025	24.14	19.17	140101846
1/31/2025	24.16	19.07	140129311
Average For The Month	23.79	18.98	
Total ⁽²⁾ :			847,151

Footnotes:

- ⁽¹⁾ Influent and POTW discharge flow rates are daily averages. These may not be equal due to balancing in the treatment system and calibration of individual flowmeters. The influent groundwater flow rate is calculated by adding the instantaneous flow rate from each pumping well (i.e., 13 meters). The POTW discharge flow rate is recorded directly from the effluent meter.
- ⁽²⁾ Total is the cumulative gallons discharged to the POTW during the reporting period. This number is calculated by subtracting the total of the previous month's last day from the total of the current month's last day, see previous month's report for the number used. The total from the first day of the current month is not used in the calculation.
- ⁽³⁾ Totalizers were reset to 0 on August 23, 2012 during the system shutdown for maintenance.
- ⁽⁴⁾ A new effluent meter was installed in April, 2017 during the system shutdown for maintenance.

**TABLE 2b
FEBRUARY 2025**

**Treatment System Flows
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin**

Date	Influent Groundwater Flow Rate ^{(1) (3)} (gpm)	POTW Discharge Flow Rate ^{(1) (4)} (gpm)	POTW Totalized Discharge ⁽³⁾ (gal)
2/1/2025	24.24	18.95	140156598
2/2/2025	24.29	19.18	140184223
2/3/2025	24.19	19.33	140212060
2/4/2025	23.49	18.52	140238733
2/5/2025	23.51	18.66	140265605
2/6/2025	23.49	18.67	140292486
2/7/2025	23.40	18.69	140319398
2/8/2025	23.27	18.39	140345884
2/9/2025	19.23	15.11	140367636
2/10/2025	23.56	18.45	140394208
2/11/2025	21.03	16.16	140417483
2/12/2025	19.47	15.05	140439148
2/13/2025	19.96	14.99	140460734
2/14/2025	20.04	14.94	140482243
2/15/2025	19.67	15.03	140503881
2/16/2025	19.54	15.20	140525776
2/17/2025	19.58	15.09	140547503
2/18/2025	19.67	14.88	140568935
2/19/2025	19.61	15.10	140590681
2/20/2025	19.48	14.98	140612252
2/21/2025	19.42	15.23	140634190
2/22/2025	19.45	14.95	140655723
2/23/2025	19.34	15.08	140677445
2/24/2025	19.26	14.96	140698984
2/25/2025	19.42	14.90	140720439
2/26/2025	19.76	14.93	140741939
2/27/2025	19.69	14.97	140763493
2/28/2025	19.39	14.94	140785012

Average For The Month	20.94	16.26	
Total ⁽²⁾ :			655,701

Footnotes:

- (1) Influent and POTW discharge flow rates are daily averages. These may not be equal due to balancing in the treatment system and calibration of individual flowmeters. The influent groundwater flow rate is calculated by adding the instantaneous flow rate from each pumping well (i.e., 13 meters). The POTW discharge flow rate is recorded directly from the effluent meter.
- (2) Total is the cumulative gallons discharged to the POTW during the reporting period. This number is calculated by subtracting the total of the previous month's last day from the total of the current month's last day, see previous month's report for the number used. The total from the first day of the current month is not used in the calculation.
- (3) Totalizers were reset to 0 on August 23, 2012 during the system shutdown for maintenance.
- (4) A new effluent meter was installed in April, 2017 during the system shutdown for maintenance.

**TABLE 2c
MARCH 2025**

**Treatment System Flows
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin**

Date	Influent Groundwater Flow Rate ^{(1) (3)} (gpm)	POTW Discharge Flow Rate ^{(1) (4) (5)} (gpm)	POTW Totalized Discharge ⁽³⁾ (gal)
3/1/2025	19.41	14.91	140806482
3/2/2025	19.34	15.03	140828131
3/3/2025	19.64	14.99	140849720
3/4/2025	19.96	14.95	140871242
3/5/2025	19.90	15.01	140892857
3/6/2025	18.91	14.87	140914269
3/7/2025	14.10	14.66	140935377
3/8/2025	19.20	14.90	140956835
3/9/2025	19.02	14.39	140977553
3/10/2025	19.77	14.80	140998862
3/11/2025	19.78	14.87	141020270
3/12/2025	19.84	14.87	141041683
3/13/2025	19.96	14.73	141062887
3/14/2025	20.08	14.65	141083979
3/15/2025	20.27	14.60	141105001
3/16/2025	20.18	15.16	141126833
3/17/2025	20.52	14.92	141148316
3/18/2025	20.30	14.74	141169542
3/19/2025	20.23	14.82	141190878
3/20/2025	20.19	14.49	141211738
3/21/2025	20.15	14.65	141232837
3/22/2025	20.44	14.53	141253755
3/23/2025	20.72	14.67	141274880
3/24/2025	20.47	14.46	141295705
3/25/2025	20.08	14.28	141316271
3/26/2025	19.83	14.53	141337188
3/27/2025	19.94	14.38	141357895
3/28/2025	20.02	14.38	141378597
3/29/2025	20.06	14.53	141399514
3/30/2025	20.14	14.60	141420534
3/31/2025	20.16	14.47	141441377
Average For The Month	19.76	14.70	
Total ⁽²⁾ :			656,365

Footnotes:

- (1) Influent and POTW discharge flow rates are daily averages. These may not be equal due to balancing in the treatment system and calibration of individual flowmeters. The influent groundwater flow rate is calculated by adding the instantaneous flow rate from each pumping well (i.e., 13 meters). The POTW discharge flow rate is recorded directly from the effluent meter.
- (2) Total is the cumulative gallons discharged to the POTW during the reporting period. This number is calculated by subtracting the total of the previous month's last day from the total of the current month's last day, see previous month's report for the number used. The total from the first day of the current month is not used in the calculation.
- (3) Totalizers were reset to 0 on August 23, 2012 during the system shutdown for maintenance.
- (4) A new effluent meter was installed in April, 2017 during the system shutdown for maintenance.
- (5) The reed switch was replaced in early December, 2021.

TABLE 3

**Groundwater Elevation Data
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin**

Well	January 03, 2025 (ft msl)	February, 2025	March, 2025
PW01	1163.3	-----	-----
PW02	Abandoned	-----	-----
PW03	1163.09	-----	-----
PW3S	1162.27	-----	-----
PW04	1162.12	-----	-----
PW05	1162.13	-----	-----
PW06	1162.49	-----	-----
PW07	1162.25	-----	-----
PW08	1163.51	-----	-----
PW09I	-----	-----	-----
PW09O	1162.13	-----	-----
PW10	1162.38	-----	-----
PW11	1160.93	-----	-----
PW12	1163.44	-----	-----
PW13	1162.21	-----	-----
PW14	1161.4	-----	-----
PW15	1161.5	-----	-----
PW16	1159.35	-----	-----
PW17	1163.17	-----	-----
PW18	1162.13	-----	-----
PW19	1162.27	-----	-----
PW20	1159.85	-----	-----
PW21	1161.06	-----	-----
PW22	1162.18	-----	-----
PW23	1162.07	-----	-----
PW24	1159.75	-----	-----
PW25	1157.99	-----	-----
PW26	1156.89	-----	-----
PW27	1159.28	-----	-----
PW28	1163.26	-----	-----
PW29	1163.36	-----	-----
P01	1162.1	-----	-----
OW01	1164.54	-----	-----
W01A	Abandoned	-----	-----
W01B	Abandoned	-----	-----
W02	1162.96	-----	-----
W03A	1161.19	-----	-----
W03B	1161.73	-----	-----
W04A	1162.59	-----	-----
W04B	1162.5	-----	-----
W05	1162.2	-----	-----
W06R	1163.63	-----	-----
W07	1163.36	-----	-----
W08	1172.44	-----	-----
W09	1162.25	-----	-----
W10A	1160.92	-----	-----
W10B	1161	-----	-----
W11	1160.86	-----	-----
W12	1160.54	-----	-----
W13	1161.55	-----	-----
W14	1160.7	-----	-----
W16	1161.79	-----	-----
W17	1161.36	-----	-----
W18	1160.97	-----	-----
W19	Abandoned	-----	-----

TABLE 3 (continued)

Groundwater Elevation Data
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin

Well	January 03, 2025 (ft msl)	February, 2025	March, 2025
W21	1160.75	-----	-----
W22	1161.2	-----	-----
W23	1160.81	-----	-----
W24A	1160.79	-----	-----
W25	1163.68	-----	-----
W26/W26R	1160.97	-----	-----
W27	1161.44	-----	-----
W28	1160.99	-----	-----
W29/W29R	1160.86	-----	-----
W30	1162.09	-----	-----
W31	1160.84	-----	-----
W32	1160.86	-----	-----
W33	1162.3	-----	-----
W34	1162.26	-----	-----
W35	1162.36	-----	-----
W36	1162.9	-----	-----
W39	Abandoned	-----	-----
W40/W40R	1161.262	-----	-----
W41	1162.09	-----	-----
W42	1162.83	-----	-----
W44	1162.07	-----	-----
W45	1162.12	-----	-----
W46	1161.91	-----	-----
W47	1160.96	-----	-----
W48	1161.14	-----	-----
W49	1161.54	-----	-----
W66	1163.5	-----	-----
W67	1163.47	-----	-----
W68A	1163.52	-----	-----
W68B	1163.42	-----	-----
W69	1162.43	-----	-----
W70B	Abandoned	-----	-----
River	-----	-----	-----
IW01	1162.18	-----	-----
IW01A	1162.16	-----	-----
FP01	1160.07	-----	-----
FP02	1160.51	-----	-----
FP03	1160.83	-----	-----
FP04	1160.26	-----	-----
3M Basin	Dry	-----	-----
DFOWM 5	1163.17	-----	-----
DFOWM 9	Abandoned	-----	-----
DFOWM 10A	Abandoned	-----	-----
DFOWM 11	1161.73	-----	-----
DFOWM 12	1162.76	-----	-----
W71	1165.64	-----	-----
W72	1164	-----	-----
W73	1162.81	-----	-----
W74	1162.29	-----	-----

Notes:

1. ft msl = feet mean sea level
2. PW09O denotes the outer well and PW09I denotes the inner well
3. ----- = Well not measured
4. Groundwater elevations have been adjusted for product thickness.
5. Top of casing elevations were resurveyed for the on-site wells on December 4, 2009 . Use of the new data began in January 2010.

Table 4

Free Product Measurements
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin

<u>Well</u>	January 03, 2025 (ft)	February, 2025	March, 2025
PW01	0.00	----	----
PW02	Abandoned	----	----
PW03	0.00	----	----
PW3S	0.00	----	----
PW04	0.00	----	----
PW05	0.00	----	----
PW06	0.00	----	----
PW07	0.00	----	----
PW08	0.00	----	----
PW09I	----	----	----
PW09O	0.00	----	----
PW10	0.00	----	----
PW11	0.00	----	----
PW12	0.00	----	----
PW13	0.00	----	----
PW14	0.00	----	----
PW15	0.00	----	----
PW16	0.01	----	----
PW17	0.00	----	----
PW18	0.00	----	----
PW19	0.00	----	----
PW20	0.00	----	----
PW21	0.00	----	----
PW22	0.00	----	----
PW23	0.00	----	----
PW24	0.00	----	----
PW25	0.00	----	----
PW26	0.00	----	----
PW27	0.00	----	----
PW28	0.00	----	----
PW29	0.00	----	----
P01	0.00	----	----
OW01	0.00	----	----
W01A	Abandoned	----	----
W01B	Abandoned	----	----
W02	0.00	----	----
W03A	0.00	----	----
W03B	0.00	----	----
W04A	0.00	----	----
W04B	0.00	----	----
W05	0.00	----	----
W06R	0.00	----	----
W07	0.92	----	----
W08	0.00	----	----
W09	0.00	----	----
W10A	0.00	----	----
W10B	0.00	----	----
W11	0.00	----	----
W12	0.00	----	----
W13	0.00	----	----
W14	0.00	----	----
W16	0.00	----	----
W17	0.00	----	----

Table 4 (continued)

Free Product Measurements
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, Wisconsin

Well	January 03, 2025 (ft)	February, 2025	March, 2025
W18	0.00	----	----
W19	Abandoned	----	----
W21	0.00	----	----
W22	0.00	----	----
W23	0.00	----	----
W24A	0.00	----	----
W25	0.00	----	----
W26/W26R	0.00	----	----
W27	0.00	----	----
W28	0.00	----	----
W29/W29R	0.00	----	----
W30	0.00	----	----
W31	0.00	----	----
W32	0.00	----	----
W33	0.00	----	----
W34	0.00	----	----
W35	0.35	----	----
W36	0.00	----	----
W39	Abandoned	----	----
W40/W40R	0.04	----	----
W41	0.00	----	----
W42	0.00	----	----
W44	0.00	----	----
W45	0.00	----	----
W46	0.00	----	----
W47	0.00	----	----
W48	0.00	----	----
W49	0.00	----	----
W66	0.00	----	----
W67	0.00	----	----
W68A	0.00	----	----
W68B	0.00	----	----
W69	0.00	----	----
W70B	Abandoned	----	----
River	----	----	----
IW01	0.00	----	----
IW01A	0.00	----	----
FP01	0.00	----	----
FP02	0.00	----	----
FP03	0.00	----	----
FP04	0.00	----	----
3M Basin	0.00	----	----
DFOWM 5	0.00	----	----
DFOWM 9	Abandoned	----	----
DFOWM 10A	Abandoned	----	----
DFOWM 11	0.00	----	----
DFOWM 12	0.00	----	----
W71	0.00	----	----
W72	0.00	----	----
W73	0.00	----	----
W74	0.00	----	----

Notes:

1. PW09O denotes the outer well and PW09I denotes the inner well
2. ---- = Well not measured

FIGURE 1
FBR Influent and Effluent PCP Concentrations
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, WI

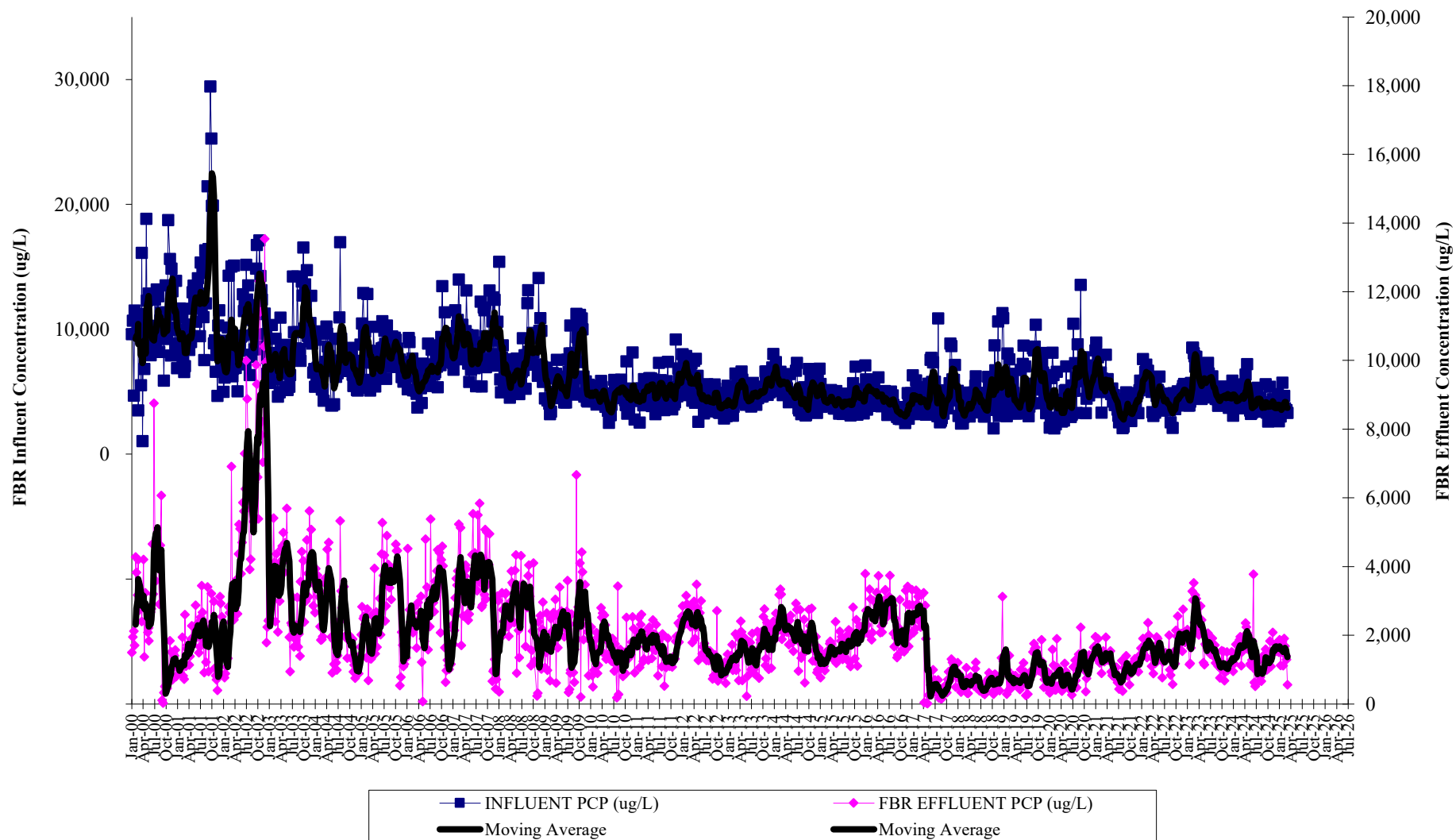
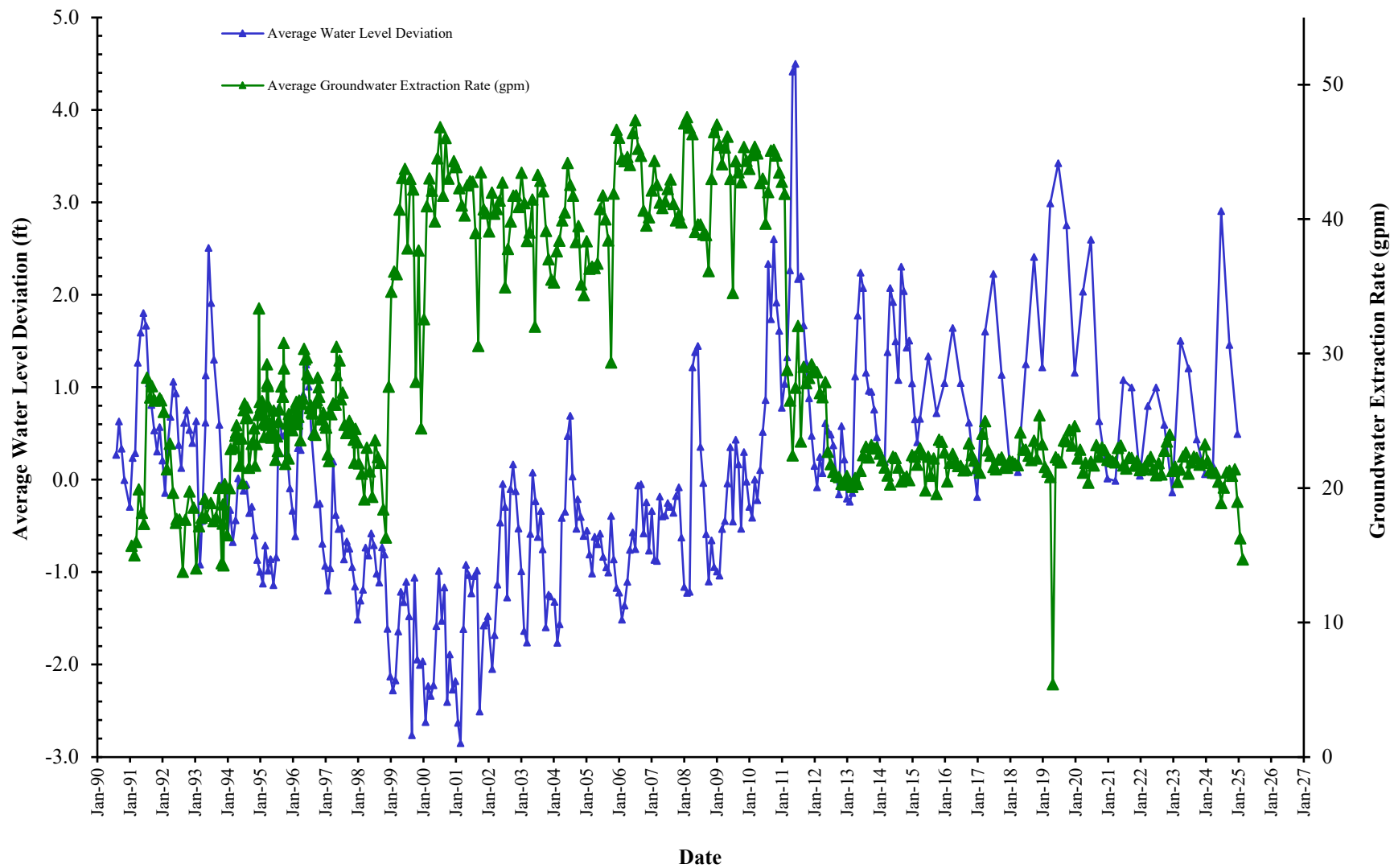
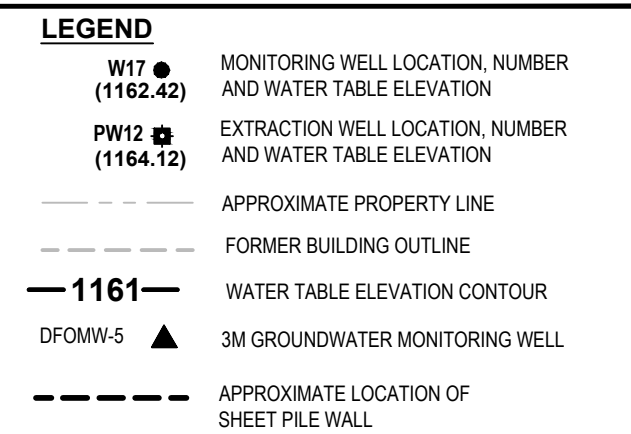


FIGURE 2
Average Groundwater Extraction Rates and Water Level Deviation Versus Time
Rosecrans Properties, LLC (former Wauleco Site)
Wausau, WI





1. BASE MAP DEVELOPED FROM DRAWING A107250-1 OF THE SEPTEMBER 1992 SEMI- ANNUAL GROUNDWATER MONITORING REPORT BY KEYSTONE ENVIRONMENTAL, MWH DRAWING 2082658.302160101-B1, AND 3M WELLS LOCATION BASED ON 3M MAPS.
2. WATER ELEVATIONS OBTAINED BY TRC ON JANUARY 3, 2025. ON THIS DATE, THE PUMPING RATE OF THE GROUNDWATER EXTRACTION SYSTEM WAS APPROXIMATELY 19.4 GPM.
3. WAULECO WELLS PW02 AND W70B WERE ABANDONED ON 7/21/16 DURING SOIL MOUND REMOVAL ACTIVITIES BY TRC. 3M WELLS DFOMW9 AND DFOMW10A WERE ABANDONED BY 3M IN THE SUMMER OF 2015.
4. WAULECO WELLS W19 AND W39 WERE ABANDONED ON 3/28/19 PRIOR TO THOMAS STREET RECONSTRUCTION. WELLS W26, W29, AND W40 WERE ALSO ABANDONED ON 3/28/19, WITH REPLACEMENT WELLS W26R, W29R, AND W40R INSTALLED ON 6/24/19.
5. THE CITY OF WAUSAU INSTALLED A STEEL SHEET PILING WALL IN 2020 TO REPLACE A ROCK WALL ON THE WISCONSIN RIVER BANK LOCATED WEST OF THE THOMAS STREET BRIDGE.
6. WAULECO WELLS W1A AND W1B WERE ABANDONED ON 6/29/21 AND 6/30/21 DUE TO THE RAILROAD PROPERTY TRANSFER TO 3M.

