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January 9, 2018

Mr. Matt Thompson
Wisconsin Department of Natural Resources
1300 W Clairemont Ave
Eau Claire, WI 54701

Subject: 2017 Fourth Quarterly Report - Wauleco, Inc., Wausau, Wisconsin
BRRTS #02-37-000006


Dear Mr. Thompson:

On behalf of Wauleco, Inc., TRC is submitting a copy (enclosed) of the 2017 Fourth Quarterly Report for the Wauleco, Inc., site in Wausau, Wisconsin.

If you have any questions or comments regarding this information, please call me at (608) 826-3644.

Sincerely,

TRC Environmental Corporation


Bruce Iverson
Project Manager

Attachments: 2017 Fourth Quarterly Report

cc: Evan Schreiner – Wauleco, Inc. (2 copies)
David Crass – Michael Best & Friedrich, LLP (1 copy)
Tom Dushek – TRC Wauleco (1 copy)
Ken Quinn – TRC (1 copy)

**Wauleco, Inc. - Wausau, Wisconsin
Quarterly Report
Submitted January 2018**

Summary of 2017 Fourth 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 fourth quarter of 2017 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 1.27 µg/L in October, 5.07 µg/L in November, and 2.55 µg/L in December.
- Laboratory results for the sampling event conducted this quarter are included in Tables 1a, b, and c for each month. The laboratory results for PCP in the system effluent was <3.0 µg/L on October 11, <3.0 µg/L on November 15, and <3.0 µg/L December 13, 2017.
- 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 3,665 µg/L to 8,844 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 (%) |
|---------------|-------------------------------|-------------------------------------|------------------------------|
| October 2017 | 91 | 65 | 39 |
| November 2017 | 84 | 70 | 32 |
| December 2017 | 83 | 75 | 29 |

The higher PCP removal efficiency during October, November and December 2017 compared to the previous 12 month average, and average 1 year ago is due to replacement of carbon in the FBR and FFR tanks. During early April, 2017 the groundwater treatment system was shut down during the first portion of the month for maintenance. The granular activated carbon was

removed and replaced with regenerated carbon, process tanks were cleaned, and piping was replaced and cleaned.

- The dissolved oxygen concentration in the influent to the FBR averaged 2.7 mg/L in October, 2.4 mg/L in November, and 2.5 mg/L in December 2017.

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 <0.02 µg/L on October 11, <0.02 on November 15, and <0.02 µg/L December 13, which are below the permit discharge limit of 1.6 µg/L. The mass loading for mercury in October, November, and December was calculated using half the detection limit of 0.01 µg/L, at 0.00000268 lb/24 hours in October, 0.00000259 lb/24 hours in November, and 0.00000258 in December, which are below the permit discharge limit of 0.00048 lb/24 hours.

The daily groundwater flow of the effluent to the Wausau Wastewater Treatment Plant averaged 22.27 gpm for October, 21.54 gpm for November, and 21.51 gpm for December 2017 (Tables 2a, b, and c). Since June, 2012 the pumping rate has been operated at approximately 22 gpm.

Figure 2 shows the average groundwater flow extracted and the average daily flow discharged to the Wausau Wastewater Treatment Plant.

Groundwater Monitoring

Water table elevations for the month of October 2017 are included in Table 3. Monthly water table elevations have been discontinued, with only quarterly elevations being measured, and semi-annual preparation of water table maps as discussed in the 2014 Annual Groundwater Monitoring Report dated April 16, 2015.

The product thickness data for October 2017 are summarized in Table 4. Measurements show small amounts of product present in October. Three monitoring wells measured had free product: W04A had 0.01 ft, W35 had 0.17 ft, and W40 had 0.11 ft.

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

**TABLE 1a
OCTOBER 2017**

**Above Ground Treatment System Data
Wauleco, Inc.
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 | 10/11/2017 | 10 | 2.8 | | | | < | |
| Chemical Oxygen Demand | mg/L | 10/11/2017 | < | < | | | | < | |
| Chloride | mg/L | 10/11/2017 | 190 | 180 | | | | 180 | |
| Dissolved Oxygen | mg/L | 10/4/2017 | 2.6 | 1.2 | 6.6 | | | | |
| | mg/L | 10/11/2017 | 3.2 | 1.7 | 6.9 | | | | |
| | mg/L | 10/18/2017 | 2.4 | 1.3 | 6.2 | | | | |
| | mg/L | 10/25/2017 | 2.4 | 1.4 | 6.6 | | | | |
| Nitrogen, Ammonia | mg/L | 10/4/2017 | 1.2 | 2 | 2 | | | | |
| | mg/L | 10/11/2017 | 1.5 | 1 | 1.1 | | | | |
| | mg/L | 10/18/2017 | 1.8 | 1 | 1.5 | | | | |
| | mg/L | 10/25/2017 | 1.3 | 1.4 | 1.1 | | | | |
| Nitrogen, Nitrate | mg/L | 10/4/2017 | < | < | < | | | | |
| | mg/L | 10/11/2017 | < | < | < | | | | |
| | mg/L | 10/18/2017 | < | < | < | | | | |
| | mg/L | 10/25/2017 | < | < | < | | | | |
| Nitrogen, Nitrate + Nitrite | mg/L | 10/11/2017 | 0.32 | < | | | | < | |
| Nitrogen, Total Kjeldahl | mg/L | 10/11/2017 | < | < | | | | < | |
| Pentachlorophenol-Screen | µg/L | 10/1/2017 | | | | | | 1 | |
| | µg/L | 10/2/2017 | | | | | | 1 | |
| | µg/L | 10/3/2017 | | | | | | 2 | |
| | µg/L | 10/4/2017 | 5111 | 423 | 249 | | | 1 | |
| | µg/L | 10/5/2017 | | | | | | 2 | |
| | µg/L | 10/6/2017 | | | | | | 1 | |
| | µg/L | 10/7/2017 | | | | | | 1 | |
| | µg/L | 10/8/2017 | | | | | | 1 | |
| | µg/L | 10/9/2017 | | | | | | 1 | |
| | µg/L | 10/10/2017 | | | | | | 1 | |
| | µg/L | 10/11/2017 | 4447 | 555 | 451 | | 34 | 1 | |
| | µg/L | 10/12/2017 | | | | | | 1 | |
| | µg/L | 10/13/2017 | | | | | | 1 | |
| | µg/L | 10/14/2017 | | | | | | 1 | |
| | µg/L | 10/15/2017 | | | | | | 1 | |
| | µg/L | 10/16/2017 | | | | | | 1 | |
| | µg/L | 10/17/2017 | | | | | | 1 | |
| | µg/L | 10/18/2017 | 4115 | 328 | 211 | | | 1 | |
| | µg/L | 10/19/2017 | | | | | | 2 | |
| | µg/L | 10/20/2017 | | | | | | 2 | |
| | µg/L | 10/21/2017 | | | | | | 1 | |
| | µg/L | 10/22/2017 | | | | | | 1 | |
| | µg/L | 10/23/2017 | | | | | | 1 | |
| | µg/L | 10/24/2017 | | | | | | 1 | |
| | µg/L | 10/25/2017 | 3665 | 717 | 611 | | | 1 | |
| | µg/L | 10/26/2017 | | | | | | 3 | |
| | µg/L | 10/27/2017 | | | | | | 2 | |
| | µg/L | 10/28/2017 | | | | | | 2 | |

**TABLE 1a
OCTOBER 2017**

**Above Ground Treatment System Data
Wauleco, Inc.
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 | 10/29/2017 | | | | | | 1 | |
| | µg/L | 10/30/2017 | | | | | | 1 | |
| | µg/L | 10/31/2017 | | | | | | 2 | |
| pH | S.U. | 10/4/2017 | 7.05 | 7 | 7 | | | | |
| | S.U. | 10/11/2017 | 7 | 6.95 | 7 | | | | |
| | S.U. | 10/18/2017 | 6.95 | 6.9 | 6.95 | | | | |
| | S.U. | 10/25/2017 | 7 | 6.9 | 6.95 | | | | |
| Phosphorus, Ortho | mg/L | 10/16/2017 | < | < | | | | < | |
| Phosphorus, Phosphate | mg/L | 10/4/2017 | 0.8 | 0.8 | 0.7 | | | | |
| | mg/L | 10/11/2017 | 0.8 | 0.4 | 0.4 | | | | |
| | mg/L | 10/18/2017 | 0.8 | 0.3 | 0.3 | | | | |
| | mg/L | 10/25/2017 | 0.8 | 0.4 | 0.3 | | | | |
| Solids, Total Suspended | mg/L | 10/11/2017 | 10 | 12 | | | | < | |
| Mercury | µg/L | 10/11/2017 | 0.20 | | | | | < | |
| Phenol | | | | | | | | | |
| 2,3,4,6-Tetrachlorophenol | µg/L | 10/11/2017 | 350 | | 24 | | < | < | < |
| 2,4,5-Trichlorophenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 2,4,6-Trichlorophenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 2,4-Dichlorophenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 2,4-Dimethylphenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 2,4-Dinitrophenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 2,6-Dichlorophenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 2-Chlorophenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 2-Methylphenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 2-Nitrophenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 3&4-Methylphenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 4,6-Dinitro-2-Methylphenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 4-Chloro-3-Methylphenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| 4-Nitrophenol | µg/L | 10/11/2017 | < | | < | | < | < | < |
| Pentachlorophenol | µg/L | 10/11/2017 | 4300 | | 310 | | 17 | < | < |
| Phenol | µg/L | 10/11/2017 | < | | < | | < | < | < |

**TABLE 1b
NOVEMBER 2017**

**Above Ground Treatment System Data
Wauleco, Inc.
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>Filters 1+2 Effluent</u> | <u>System Effluent</u> | <u>System Eff Dup</u> |
|--------------------------|-------------|-------------|-------------------------|-------------------------|-------------------------|--------------------------------|---------------------------------|----------------------------|---------------------------|
| Biological Oxygen Demand | mg/L | 11/15/2017 | 6.5 | 11 | | | | < | |
| Chemical Oxygen Demand | mg/L | 11/15/2017 | 26 | 30 | | | | < | |
| Chloride | mg/L | 11/15/2017 | 180 | 180 | | | | 180 | |
| Dissolved Oxygen | mg/L | 11/1/2017 | 2.5 | 1.1 | 6.3 | | | | |
| | mg/L | 11/9/2017 | 2.2 | 1 | 6.2 | | | | |
| | mg/L | 11/15/2017 | 2.2 | 1.2 | 5.6 | | | | |
| | mg/L | 11/22/2017 | 2.4 | 1.2 | 6.3 | | | | |
| | mg/L | 11/30/2017 | 2.5 | 1.2 | 6.2 | | | | |
| Nitrogen, Ammonia | mg/L | 11/1/2017 | 0.4 | 0.4 | 0.4 | | | | |
| | mg/L | 11/9/2017 | 1.1 | 1 | 0.8 | | | | |
| | mg/L | 11/15/2017 | 1.2 | 0.8 | 0.7 | | | | |
| | mg/L | 11/22/2017 | 1 | 0.9 | 0.7 | | | | |
| | mg/L | 11/30/2017 | 1.2 | 0.8 | 0.8 | | | | |
| Nitrogen, Nitrate | mg/L | 11/1/2017 | < | < | < | | | | |
| | mg/L | 11/9/2017 | < | < | < | | | | |
| | mg/L | 11/15/2017 | < | < | < | | | | |
| | mg/L | 11/22/2017 | < | < | < | | | | |
| | mg/L | 11/30/2017 | < | < | < | | | | |
| Nitrogen, Total Kjeldahl | mg/L | 11/15/2017 | 0.60 | 0.56 | | | | < | |
| Pentachlorophenol-Screen | µg/L | 11/1/2017 | 5069 | 939 | 858 | | | 2 | |
| | µg/L | 11/2/2017 | | | | | | 3 | |
| | µg/L | 11/3/2017 | | | | | | 5 | |
| | µg/L | 11/4/2017 | | | | | | 5 | |
| | µg/L | 11/5/2017 | | | | | | 5 | |
| | µg/L | 11/6/2017 | | | | | | 11 | |
| | µg/L | 11/7/2017 | | | | | | 11 | |
| | µg/L | 11/8/2017 | | | | | | 11 | |
| | µg/L | 11/9/2017 | 5686 | 659 | 1052 | | | 11 | |
| | µg/L | 11/10/2017 | | | | | | 8 | |
| | µg/L | 11/11/2017 | | | | | | 5 | |
| | µg/L | 11/12/2017 | | | | | | 5 | |
| | µg/L | 11/13/2017 | | | | | | 5 | |
| | µg/L | 11/14/2017 | | | | | | 2 | |
| | µg/L | 11/15/2017 | 8844 | 963 | 971 | | 131 | 2 | |
| | µg/L | 11/16/2017 | | | | | | 6 | |
| | µg/L | 11/17/2017 | | | | | | 4 | |
| | µg/L | 11/18/2017 | | | | | | 4 | |
| | µg/L | 11/19/2017 | | | | | | 4 | |
| | µg/L | 11/20/2017 | | | | | | 4 | |
| | µg/L | 11/21/2017 | | | | | | 4 | |
| | µg/L | 11/22/2017 | 8645 | 1303 | 1344 | | | 4 | |
| | µg/L | 11/23/2017 | | | | | | 4 | |
| | µg/L | 11/24/2017 | | | | | | 4 | |

**TABLE 1b
NOVEMBER 2017**

**Above Ground Treatment System Data
Wauleco, Inc.
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>Filters 1+2 Effluent</u> | <u>System Effluent</u> | <u>System Eff Dup</u> |
|----------------------------|-------------|-------------|-------------------------|-------------------------|-------------------------|--------------------------------|---------------------------------|----------------------------|---------------------------|
| Pentachlorophenol-Screen | µg/L | 11/25/2017 | | | | | | 4 | |
| | µg/L | 11/26/2017 | | | | | | 4 | |
| | µg/L | 11/27/2017 | | | | | | 4 | |
| | µg/L | 11/28/2017 | | | | | | 4 | |
| | µg/L | 11/29/2017 | | | | | | 4 | |
| | µg/L | 11/30/2017 | 5980 | 1209 | 974 | | | 3 | |
| pH | S.U. | 11/1/2017 | 6.95 | 6.9 | 6.95 | | | | |
| | S.U. | 11/9/2017 | 7 | 7 | 7 | | | | |
| | S.U. | 11/15/2017 | 7 | 6.9 | 6.95 | | | | |
| | S.U. | 11/22/2017 | 7 | 6.9 | 6.95 | | | | |
| | S.U. | 11/30/2017 | 7 | 6.9 | 6.95 | | | | |
| Phosphorus, Ortho | mg/L | 11/15/2017 | < | < | | | | < | |
| Phosphorus, Phosphate | mg/L | 11/1/2017 | 0.9 | 0.4 | 0.4 | | | | |
| | mg/L | 11/9/2017 | 1 | 0.6 | 0.6 | | | | |
| | mg/L | 11/15/2017 | 1 | 0.4 | 0.4 | | | | |
| | mg/L | 11/22/2017 | 1.1 | 0.5 | 0.5 | | | | |
| | mg/L | 11/30/2017 | 1.2 | 0.6 | 0.5 | | | | |
| Solids, Total Suspended | mg/L | 11/15/2017 | 12 | 10 | | | | < | |
| Mercury | µg/L | 11/15/2017 | | | | | | < | |
| Phenol | | | | | | | | | |
| 2,3,4,6-Tetrachlorophenol | µg/L | 11/15/2017 | 470 | 49 | 54 | | | < | < |
| 2,4,5-Trichlorophenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 2,4,6-Trichlorophenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 2,4-Dichlorophenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 2,4-Dimethylphenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 2,4-Dinitrophenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 2,6-Dichlorophenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 2-Chlorophenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 2-Methylphenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 2-Nitrophenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 3&4-Methylphenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 4,6-Dinitro-2-Methylphenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 4-Chloro-3-Methylphenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| 4-Nitrophenol | µg/L | 11/15/2017 | < | < | < | | | < | < |
| Pentachlorophenol | µg/L | 11/15/2017 | 4800 | 610 | 660 | | | < | < |
| Phenol | µg/L | 11/15/2017 | < | < | < | | | < | < |

**TABLE 1c
DECEMBER 2017**

**Above Ground Treatment System Data
Wauleco, Inc.
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 | 12/13/2017 | 8.1 | 2.4 | | | | < | |
| Chemical Oxygen Demand | mg/L | 12/13/2017 | 29 | < | | | | < | |
| Chloride | mg/L | 12/13/2017 | 180 | 180 | | | | 190 | |
| Dissolved Oxygen | mg/L | 12/7/2017 | 2.7 | 1 | 6.4 | | | | |
| | mg/L | 12/13/2017 | 2.5 | 1.2 | 6.2 | | | | |
| | mg/L | 12/20/2017 | 2.4 | 1 | 6.4 | | | | |
| | mg/L | 12/28/2017 | 2.2 | 1 | 6.7 | | | | |
| Nitrogen, Ammonia | mg/L | 12/7/2017 | 0.8 | 0.8 | 0.8 | | | | |
| | mg/L | 12/13/2017 | 0.8 | 0.4 | 0.4 | | | | |
| | mg/L | 12/20/2017 | 1.2 | 1 | 1.1 | | | | |
| | mg/L | 12/28/2017 | 1.2 | 1.3 | 0.6 | | | | |
| Nitrogen, Nitrate | mg/L | 12/7/2017 | < | < | < | | | | |
| | mg/L | 12/13/2017 | < | < | < | | | | |
| | mg/L | 12/20/2017 | < | < | < | | | | |
| | mg/L | 12/28/2017 | < | < | < | | | | |
| Nitrogen, Total Kjeldahl | mg/L | 12/13/2017 | < | < | | | | < | |
| Pentachlorophenol-Screen | µg/L | 12/1/2017 | | | | | | 4 | |
| | µg/L | 12/2/2017 | | | | | | 2 | |
| | µg/L | 12/3/2017 | | | | | | 2 | |
| | µg/L | 12/4/2017 | | | | | | 2 | |
| | µg/L | 12/5/2017 | | | | | | 2 | |
| | µg/L | 12/6/2017 | | | | | | 1 | |
| | µg/L | 12/7/2017 | 4434 | 801 | 857 | | | 1 | |
| | µg/L | 12/8/2017 | | | | | | 4 | |
| | µg/L | 12/9/2017 | | | | | | 5 | |
| | µg/L | 12/10/2017 | | | | | | 5 | |
| | µg/L | 12/11/2017 | | | | | | 5 | |
| | µg/L | 12/12/2017 | | | | | | 2 | |
| | µg/L | 12/13/2017 | 5945 | 1131 | 1335 | | 145 | 2 | |
| | µg/L | 12/14/2017 | | | | | | 5 | |
| | µg/L | 12/15/2017 | | | | | | 5 | |
| | µg/L | 12/16/2017 | | | | | | 3 | |
| | µg/L | 12/17/2017 | | | | | | 3 | |
| | µg/L | 12/18/2017 | | | | | | 3 | |
| | µg/L | 12/19/2017 | | | | | | 3 | |
| | µg/L | 12/20/2017 | 7135 | 968 | 1010 | | | 3 | |
| | µg/L | 12/21/2017 | | | | | | 3 | |
| | µg/L | 12/22/2017 | | | | | | 1 | |
| | µg/L | 12/23/2017 | | | | | | 1 | |
| | µg/L | 12/24/2017 | | | | | | 1 | |
| | µg/L | 12/25/2017 | | | | | | 1 | |
| | µg/L | 12/26/2017 | | | | | | 1 | |
| | µg/L | 12/27/2017 | | | | | | 1 | |
| | µg/L | 12/28/2017 | 4362 | 491 | 569 | | | 1 | |

**TABLE 1c
DECEMBER 2017**

**Above Ground Treatment System Data
Wauleco, Inc.
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 | 12/29/2017 | | | | | | 3 | |
| | µg/L | 12/30/2017 | | | | | | 2 | |
| | µg/L | 12/31/2017 | | | | | | 2 | |
| pH | S.U. | 12/7/2017 | 7 | 6.9 | 6.95 | | | | |
| | S.U. | 12/13/2017 | 7 | 6.9 | 6.9 | | | | |
| | S.U. | 12/20/2017 | 7 | 6.9 | 6.95 | | | | |
| | S.U. | 12/28/2017 | 6.95 | 6.9 | 6.95 | | | | |
| Phosphorus, Ortho | mg/L | 12/13/2017 | < | < | | | | < | |
| Phosphorus, Phosphate | mg/L | 12/7/2017 | 1.1 | 0.8 | 0.4 | | | | |
| | mg/L | 12/13/2017 | 1.1 | 0.8 | 0.8 | | | | |
| | mg/L | 12/20/2017 | 1 | 1 | 0.8 | | | | |
| | mg/L | 12/28/2017 | 1 | 0.8 | 0.4 | | | | |
| Solids, Total Suspended | mg/L | 12/13/2017 | 8.8 | 9.6 | | | | < | |
| Mercury | µg/L | 12/13/2017 | | | | | | < | |
| Phenol | | | | | | | | | |
| 2,3,4,6-Tetrachlorophenol | µg/L | 12/13/2017 | 390 | | 63 | | | < | < |
| 2,4,5-Trichlorophenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 2,4,6-Trichlorophenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 2,4-Dichlorophenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 2,4-Dimethylphenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 2,4-Dinitrophenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 2,6-Dichlorophenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 2-Chlorophenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 2-Methylphenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 2-Nitrophenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 3&4-Methylphenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 4,6-Dinitro-2-Methylphenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 4-Chloro-3-Methylphenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| 4-Nitrophenol | µg/L | 12/13/2017 | < | | < | | | < | < |
| Pentachlorophenol | µg/L | 12/13/2017 | 4000 | | 600 | | | < | < |
| Phenol | µg/L | 12/13/2017 | < | | < | | | < | < |

TABLE 2a
OCTOBER 2017

Treatment System Flows
Wauleco, Inc.
Wausau, Wisconsin

| Date | Influent Groundwater Flow Rate ^{(1) (3)} (gpm) | POTW Discharge Flow Rate ^{(1) (4)} (gpm) | POTW Totalized Discharge ⁽³⁾ (gal) |
|------------------------|--|--|--|
| 10/1/2017 | 22.51 | 22.11 | 57908463 |
| 10/2/2017 | 21.06 | 21.42 | 57939310 |
| 10/3/2017 | 22.64 | 22.13 | 57971182 |
| 10/4/2017 | 23.20 | 22.43 | 58003477 |
| 10/5/2017 | 23.18 | 22.37 | 58035693 |
| 10/6/2017 | 23.08 | 22.25 | 58067729 |
| 10/7/2017 | 23.06 | 22.44 | 58100043 |
| 10/8/2017 | 23.08 | 22.33 | 58132201 |
| 10/9/2017 | 23.14 | 22.41 | 58164468 |
| 10/10/2017 | 23.22 | 22.37 | 58196684 |
| 10/11/2017 | 23.29 | 22.42 | 58228967 |
| 10/12/2017 | 23.37 | 22.16 | 58260880 |
| 10/13/2017 | 23.45 | 22.36 | 58293082 |
| 10/14/2017 | 23.41 | 22.43 | 58325381 |
| 10/15/2017 | 23.38 | 22.38 | 58357606 |
| 10/16/2017 | 23.40 | 22.34 | 58389771 |
| 10/17/2017 | 23.45 | 22.37 | 58421990 |
| 10/18/2017 | 23.41 | 22.36 | 58454185 |
| 10/19/2017 | 23.39 | 22.28 | 58486265 |
| 10/20/2017 | 23.35 | 22.27 | 58518330 |
| 10/21/2017 | 23.25 | 22.25 | 58550374 |
| 10/22/2017 | 23.28 | 22.29 | 58582468 |
| 10/23/2017 | 23.27 | 22.21 | 58614456 |
| 10/24/2017 | 23.34 | 22.24 | 58646483 |
| 10/25/2017 | 23.32 | 22.26 | 58678535 |
| 10/26/2017 | 23.34 | 22.25 | 58710577 |
| 10/27/2017 | 23.35 | 22.21 | 58742562 |
| 10/28/2017 | 23.30 | 22.28 | 58774643 |
| 10/29/2017 | 23.33 | 22.23 | 58806660 |
| 10/30/2017 | 23.37 | 22.30 | 58838776 |
| 10/31/2017 | 23.35 | 22.30 | 58870888 |
| Monthly Average | 23.18 | 22.27 | |
| Total ⁽²⁾ : | | | 994,265 |

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., 16 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
NOVEMBER 2017

Treatment System Flows
Wauleco, Inc.
Wausau, Wisconsin

| Date | Influent Groundwater Flow Rate ^{(1) (3)} (gpm) | POTW Discharge Flow Rate ^{(1) (4)} (gpm) | POTW Totalized Discharge ⁽³⁾ (gal) |
|--------------------------|--|--|--|
| 11/1/2017 | 23.35 | 22.29 | 58902983 |
| 11/2/2017 | 23.31 | 22.37 | 58935192 |
| 11/3/2017 | 23.31 | 22.41 | 58967461 |
| 11/4/2017 | 23.20 | 22.27 | 58999532 |
| 11/5/2017 | 23.96 | 23.19 | 59032919 |
| 11/6/2017 | 22.96 | 22.26 | 59064978 |
| 11/7/2017 | 22.96 | 22.14 | 59096862 |
| 11/8/2017 | 22.96 | 22.00 | 59128540 |
| 11/9/2017 | 22.61 | 21.95 | 59160148 |
| 11/10/2017 | 20.13 | 20.25 | 59189309 |
| 11/11/2017 | 20.14 | 20.14 | 59218306 |
| 11/12/2017 | 20.17 | 20.22 | 59247418 |
| 11/13/2017 | 20.21 | 20.17 | 59276465 |
| 11/14/2017 | 20.25 | 20.16 | 59305498 |
| 11/15/2017 | 20.15 | 20.10 | 59334437 |
| 11/16/2017 | 20.12 | 20.01 | 59363250 |
| 11/17/2017 | 21.66 | 20.97 | 59393446 |
| 11/18/2017 | 22.39 | 21.32 | 59424143 |
| 11/19/2017 | 22.41 | 21.72 | 59455420 |
| 11/20/2017 | 22.51 | 21.90 | 59486952 |
| 11/21/2017 | 22.50 | 21.89 | 59518468 |
| 11/22/2017 | 22.49 | 21.95 | 59550081 |
| 11/23/2017 | 22.44 | 21.59 | 59581170 |
| 11/24/2017 | 22.54 | 21.70 | 59612425 |
| 11/25/2017 | 22.64 | 21.81 | 59643828 |
| 11/26/2017 | 22.65 | 21.83 | 59675266 |
| 11/27/2017 | 22.71 | 22.04 | 59706997 |
| 11/28/2017 | 22.73 | 21.83 | 59738439 |
| 11/29/2017 | 22.74 | 21.93 | 59770023 |
| 11/30/2017 | 22.66 | 21.84 | 59801478 |
| Average For The Month | 22.16 | 21.54 | |
| Total ⁽²⁾ : | | | 930,590 |

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., 16 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
DECEMBER 2017

Treatment System Flows
Wauleco, Inc.
Wausau, Wisconsin

| Date | Influent Groundwater Flow Rate ^{(1) (3)} (gpm) | POTW Discharge Flow Rate ^{(1) (4)} (gpm) | POTW Totalized Discharge ⁽³⁾ (gal) |
|------------------------|--|--|--|
| 12/1/2017 | 22.66 | 21.73 | 59832771 |
| 12/2/2017 | 22.64 | 21.78 | 59864139 |
| 12/3/2017 | 22.63 | 21.76 | 59895469 |
| 12/4/2017 | 22.52 | 21.74 | 59926779 |
| 12/5/2017 | 22.57 | 21.39 | 59957582 |
| 12/6/2017 | 22.55 | 21.50 | 59988537 |
| 12/7/2017 | 22.56 | 21.65 | 60019714 |
| 12/8/2017 | 22.56 | 21.62 | 60050853 |
| 12/9/2017 | 22.61 | 21.56 | 60081897 |
| 12/10/2017 | 22.63 | 21.58 | 60112979 |
| 12/11/2017 | 22.64 | 21.73 | 60144268 |
| 12/12/2017 | 22.69 | 21.78 | 60175628 |
| 12/13/2017 | 22.72 | 21.30 | 60206297 |
| 12/14/2017 | 22.64 | 21.60 | 60237407 |
| 12/15/2017 | 22.69 | 21.61 | 60268522 |
| 12/16/2017 | 22.77 | 21.62 | 60299658 |
| 12/17/2017 | 22.69 | 21.66 | 60330845 |
| 12/18/2017 | 22.74 | 21.76 | 60362177 |
| 12/19/2017 | 22.72 | 21.59 | 60393265 |
| 12/20/2017 | 22.64 | 21.65 | 60424436 |
| 12/21/2017 | 22.64 | 21.76 | 60455768 |
| 12/22/2017 | 22.65 | 21.89 | 60487296 |
| 12/23/2017 | 22.63 | 21.01 | 60517548 |
| 12/24/2017 | 22.63 | 21.10 | 60547925 |
| 12/25/2017 | 22.61 | 20.88 | 60577994 |
| 12/26/2017 | 22.61 | 21.06 | 60608325 |
| 12/27/2017 | 22.61 | 21.35 | 60639073 |
| 12/28/2017 | 22.64 | 21.46 | 60669969 |
| 12/29/2017 | 22.69 | 21.59 | 60701055 |
| 12/30/2017 | 22.73 | 21.23 | 60731620 |
| 12/31/2017 | 22.76 | 20.73 | 60761467 |
| Average | 22.65 | 21.51 | |
| Total ⁽²⁾ : | | | 959,989 |

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., 16 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 3

**Groundwater Elevation Data
Wauleco, Inc.
Wausau, Wisconsin**

| <u>Well</u> | October 12, 2017 (ft msl) | November 2017 | December 2017 |
|-------------|--------------------------------------|----------------------|----------------------|
| PW01 | 1163.69 | ---- | ---- |
| PW02 | Abandoned | ---- | ---- |
| PW03 | 1163.63 | ---- | ---- |
| PW3S | 1162.91 | ---- | ---- |
| PW04 | 1162.77 | ---- | ---- |
| PW05 | 1162.74 | ---- | ---- |
| PW06 | 1163.02 | ---- | ---- |
| PW07 | 1162.83 | ---- | ---- |
| PW08 | 1163.92 | ---- | ---- |
| PW09I | ----- | ---- | ---- |
| PW09O | 1162.83 | ---- | ---- |
| PW10 | 1162.95 | ---- | ---- |
| PW11 | 1161.27 | ---- | ---- |
| PW12 | 1163.33 | ---- | ---- |
| PW13 | 1162.85 | ---- | ---- |
| PW14 | 1162.49 | ---- | ---- |
| PW15 | 1162.6 | ---- | ---- |
| PW16 | 1162.66 | ---- | ---- |
| PW17 | 1162.43 | ---- | ---- |
| PW18 | 1162.84 | ---- | ---- |
| PW19 | 1162.45 | ---- | ---- |
| PW20 | 1162.37 | ---- | ---- |
| PW21 | 1162.24 | ---- | ---- |
| PW22 | 1162.77 | ---- | ---- |
| PW23 | 1162.68 | ---- | ---- |
| PW24 | 1161.2 | ---- | ---- |
| PW25 | 1160.08 | ---- | ---- |
| PW26 | 1160.67 | ---- | ---- |
| PW27 | 1160.65 | ---- | ---- |
| PW28 | 1163.7 | ---- | ---- |
| PW29 | 1163.79 | ---- | ---- |
| P01 | 1162.77 | ---- | ---- |
| OW01 | 1164.92 | ---- | ---- |
| W01A | 1164.06 | ---- | ---- |
| W01B | 1164.1 | ---- | ---- |
| W02 | 1163.42 | ---- | ---- |
| W03A | 1162.04 | ---- | ---- |
| W03B | 1162.16 | ---- | ---- |
| W04A | 1163.00 | ---- | ---- |
| W04B | 1163 | ---- | ---- |
| W05 | 1162.8 | ---- | ---- |
| W06R | 1163.99 | ---- | ---- |
| W07 | 1163.74 | ---- | ---- |
| W08 | 1172.41 | ---- | ---- |
| W09 | 1162.66 | ---- | ---- |
| W10A | 1161.15 | ---- | ---- |
| W10B | 1161.21 | ---- | ---- |
| W11 | 1161.12 | ---- | ---- |
| W12 | 1160.73 | ---- | ---- |
| W13 | 1162.18 | ---- | ---- |
| W14 | 1161.06 | ---- | ---- |
| W16 | 1162.27 | ---- | ---- |
| W17 | 1162.41 | ---- | ---- |

TABLE 3 (continued)

Groundwater Elevation Data
 Wauleco, Inc.
 Wausau, Wisconsin

| Well | October 12, 2017 (ft msl) | November 2017 | December 2017 |
|-----------|------------------------------|---------------|---------------|
| W18 | 1161.22 | ---- | ---- |
| W19 | 1163.42 | ---- | ---- |
| W21 | 1160.99 | ---- | ---- |
| W22 | 1161.8 | ---- | ---- |
| W23 | 1161.09 | ---- | ---- |
| W24A | 1161.09 | ---- | ---- |
| W25 | 1164.03 | ---- | ---- |
| W26 | 1161.15 | ---- | ---- |
| W27 | 1161.77 | ---- | ---- |
| W28 | 1161.21 | ---- | ---- |
| W29 | 1161.03 | ---- | ---- |
| W30 | 1162.75 | ---- | ---- |
| W31 | 1160.98 | ---- | ---- |
| W32 | 1161 | ---- | ---- |
| W33 | 1162.83 | ---- | ---- |
| W34 | 1162.78 | ---- | ---- |
| W35 | 1162.92 | ---- | ---- |
| W36 | 1163.35 | ---- | ---- |
| W39 | 1162.79 | ---- | ---- |
| W40 | 1161.628 | ---- | ---- |
| W41 | 1162.62 | ---- | ---- |
| W42 | 1163.38 | ---- | ---- |
| W44 | 1162.74 | ---- | ---- |
| W45 | 1163.38 | ---- | ---- |
| W46 | 1162.61 | ---- | ---- |
| W47 | 1161.28 | ---- | ---- |
| W48 | 1162.07 | ---- | ---- |
| W49 | 1162.58 | ---- | ---- |
| W66 | 1163.84 | ---- | ---- |
| W67 | 1163.79 | ---- | ---- |
| W68A | 1163.89 | ---- | ---- |
| W68B | 1163.75 | ---- | ---- |
| W69 | 1163.04 | ---- | ---- |
| W70B | Abandoned | ---- | ---- |
| River | ---- | ---- | ---- |
| IW01 | 1162.78 | ---- | ---- |
| IW01A | 1162.79 | ---- | ---- |
| FP01 | 1160.63 | ---- | ---- |
| FP02 | 1160.19 | ---- | ---- |
| FP03 | 1159.99 | ---- | ---- |
| FP04 | 1161.27 | ---- | ---- |
| 3M Basin | Water in both Basins | ---- | ---- |
| DFOWM 5 | ---- | ---- | ---- |
| DFOWM 9 | Abandoned | ---- | ---- |
| DFOWM 10A | Abandoned | ---- | ---- |
| DFOWM 11 | ---- | ---- | ---- |
| DFOWM 12 | ---- | ---- | ---- |
| W71 | 1165.9 | ---- | ---- |
| W72 | 1164.37 | ---- | ---- |
| W73 | 1163.27 | ---- | ---- |
| W74 | 1162.75 | ---- | ---- |

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.

**Free Product Measurements
Wauleco, Inc.
Wausau, Wisconsin**

| <u>Well</u> | October 12, 2017 (ft) | November 2017 | December 2017 |
|-------------|--------------------------|---------------|---------------|
| PW01 | 0.00 | ---- | ---- |
| PW02 | ----- | ---- | ---- |
| 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 | 0.00 | ---- | ---- |
| 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 | 0.00 | ---- | ---- |
| W01B | 0.00 | ---- | ---- |
| W02 | 0.00 | ---- | ---- |
| W03A | 0.00 | ---- | ---- |
| W03B | 0.00 | ---- | ---- |
| W04A | 0.01 | ---- | ---- |
| W04B | 0.00 | ---- | ---- |
| W05 | 0.00 | ---- | ---- |
| W06R | 0.00 | ---- | ---- |
| W07 | 0.00 | ---- | ---- |
| 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 | ---- | ---- |

**Free Product Measurements
Wauleco, Inc.
Wausau, Wisconsin**

| <u>Well</u> | October 12, 2017 (ft) | November 2017 | December 2017 |
|-------------|----------------------------------|----------------------|----------------------|
| W18 | 0.00 | ---- | ---- |
| W19 | 0.00 | ---- | ---- |
| W21 | 0.00 | ---- | ---- |
| W22 | 0.00 | ---- | ---- |
| W23 | 0.00 | ---- | ---- |
| W24A | 0.00 | ---- | ---- |
| W25 | 0.00 | ---- | ---- |
| W26 | 0.00 | ---- | ---- |
| W27 | 0.00 | ---- | ---- |
| W28 | 0.00 | ---- | ---- |
| W29 | 0.00 | ---- | ---- |
| W30 | 0.00 | ---- | ---- |
| W31 | 0.00 | ---- | ---- |
| W32 | 0.00 | ---- | ---- |
| W33 | 0.00 | ---- | ---- |
| W34 | 0.00 | ---- | ---- |
| W35 | 0.17 | ---- | ---- |
| W36 | 0.00 | ---- | ---- |
| W39 | 0.00 | ---- | ---- |
| W40 | 0.11 | ---- | ---- |
| 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 | 0.00 | ---- | ---- |
| 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 | ----- | ---- | ---- |
| DFOWM 9 | 0.00 | ---- | ---- |
| DFOWM 10A | 0.00 | ---- | ---- |
| DFOWM 11 | ----- | ---- | ---- |
| DFOWM 12 | ----- | ---- | ---- |
| 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
Wauleco, Inc.
Wausau, WI

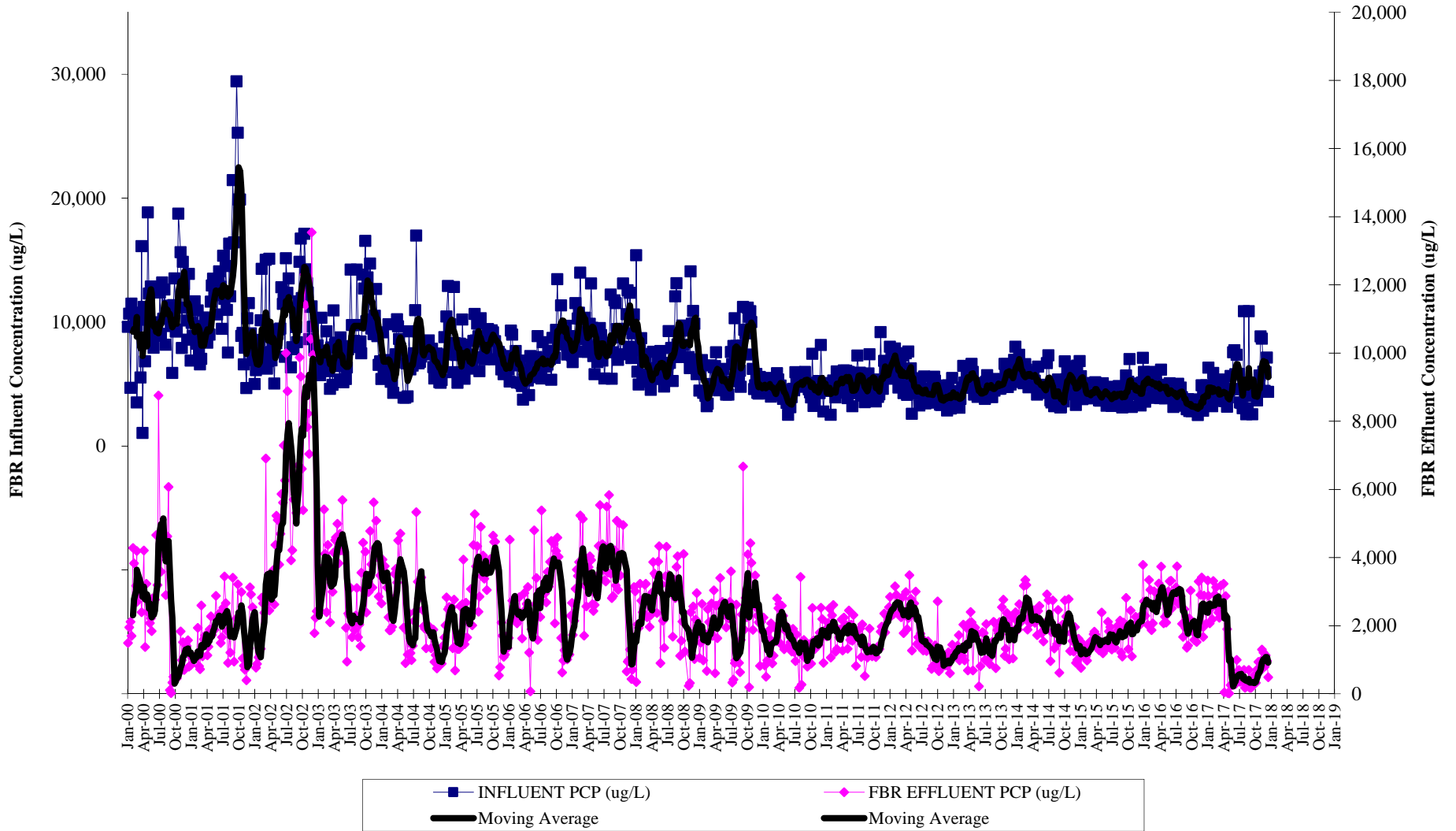
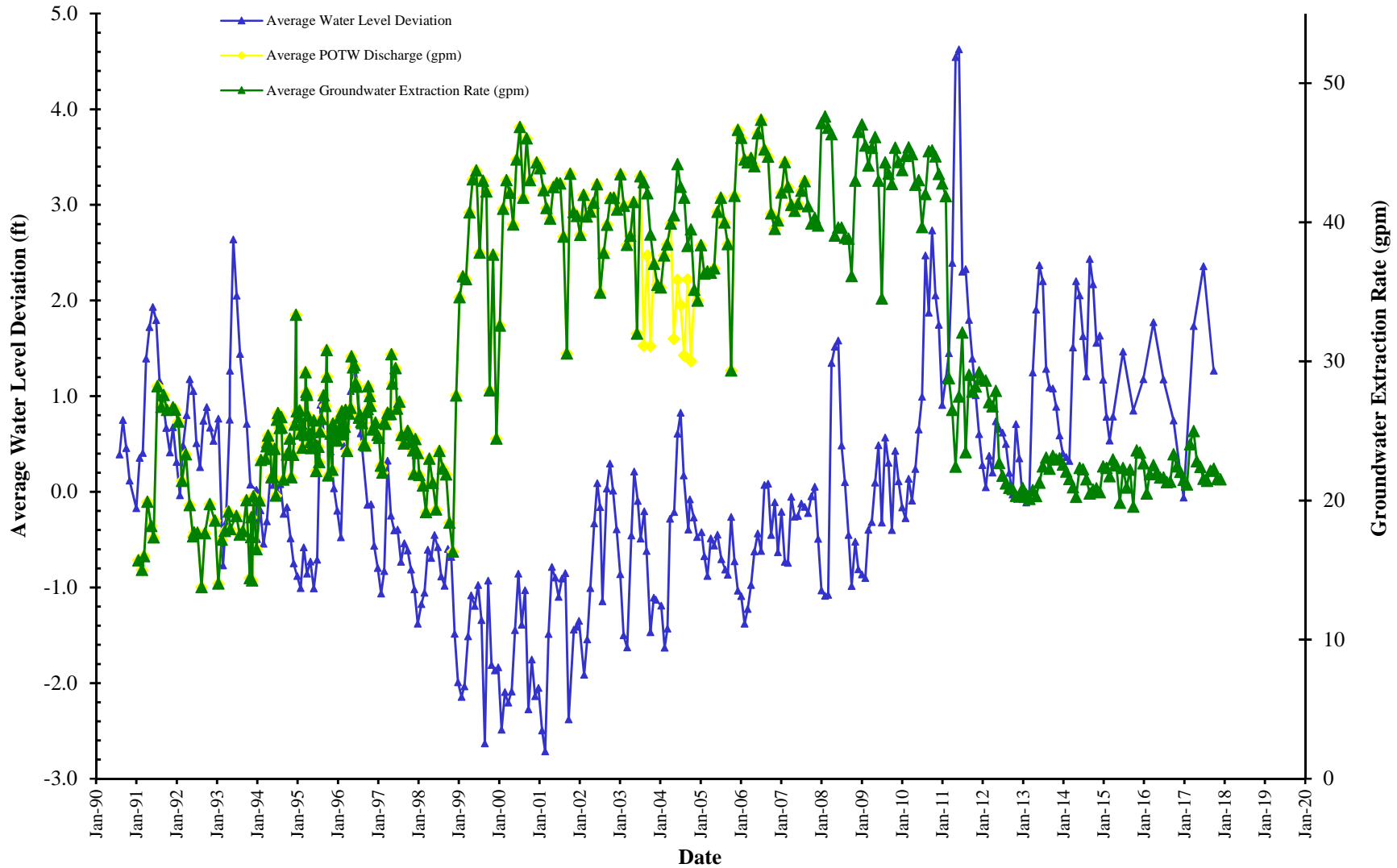


FIGURE 2

**Average Groundwater Extraction Rates and Water Level Deviation Versus Time
Wauleco, Inc.
Wausau, WI**



Note: The Average Groundwater Extraction Rate is a monthly average of the flow into the treatment system. The monthly average POTW discharge is less than the total extraction rate during the PPT pilot test due to the injection of treated water into IW01.