

May 24, 2018

Mr. Conor Neal
Hydrogeologist
Land & Chemicals Division
US Environmental Protection Agency, Mail Code LU-9J
77 West Jackson Blvd
Chicago, IL 60604-3590

RE: Bi-Weekly Summary Report for Pump Down Program
Tyco Fire Products LP Site
Marinette, WI

Dear Mr. Neal:

The information provided herein is a summary of activities conducted at the Tyco Fire Products LP (Tyco) site associated with the Pump Down Program for the former Salt Vault and 8th Street Slip areas. The Pump Down Program is required as part of the Administrative Order on Consent between Tyco and U.S. Environmental Protection Agency (USEPA). This summary report covers the period from May 5, 2018 through May 18, 2018.

Summary of Work during Reporting Period

Work conducted during the reporting period included:

- Groundwater recovery rates in the former Salt Vault area averaged 7.14 gallons per minute (gpm) during pumping operations. Recovery rates in the former 8th Street Slip averaged 6.92 gpm during pumping operations.
- Manual water level readings at the designated monitoring points and extraction wells were collected at least weekly during the reporting period. Average water levels, based on the most recent water level measurements during the reporting period, in the former Salt Vault and former 8th Street Slip were 577.92 ft. AMSL and 578.57 ft. AMSL, respectively. A cumulative summary of manual water level readings and corrected elevations is attached as Table 1.
- Off-site transportation of recovered groundwater was conducted during the reporting period. Off-site disposal operations are limited to five days per week

A summary of pumping and disposal operations for the 2018 season is provided below.

Summary of Pump Down Operations (through May 18, 2018)

	Gallons Pumped	Gallons Treated at GWTS	Gallons Transported for Off Site Disposal
This Period	~141,540	~0	~124,720
2018 Operations To Date	~270,760	~0	~253,940

All quantities are estimated

Issues Encountered during Reporting Period

No issues were encountered.

Issues To Be Resolved During Next Reporting Period

No issues require resolution at this time.

Anticipated Work During Next Reporting Period

Manual water levels will be collected from the designated monitoring wells on a weekly basis. Groundwater elevation data will be provided in the next bi-weekly summary report. Extracted groundwater will continue to be transported to Vickery for disposal.

If you have any questions regarding this report, please contact Jeff Danko at 262-951-6888 or jeff.danko-ext@jci.com.

Sincerely,



Jeffrey Danko
Environmental Project Geologist

Attachments:

Table 1 –Pump Down Program Groundwater Elevation Monitoring

cc: Angela Carey – WDNR
Trevor Moen - WDNR
Joseph Janeczek – Johnson Controls
Richard Mator – Johnson Controls
Ryan Suennen – Tyco Fire Products

