

September 14, 2021

Mr. Christopher Black  
U.S. Environmental Protection Agency, Region 5  
Land, Chemicals and Redevelopment Division  
77 West Jackson Blvd, LR-16J  
Chicago, IL 60604-3590

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

Dear Mr. Black:

The information provided herein is a summary of activities conducted at the Tyco Fire Products LP (Tyco) site associated with the Pump Down Program (PDP) for the former Salt Vault and 8<sup>th</sup> Street Slip areas. The PDP is required as part of the Administrative Order on Consent between Tyco and the U.S. Environmental Protection Agency (USEPA). This summary report covers the period from August 28, 2021 through September 10, 2021.

### **Summary of Work during Reporting Period**

Work conducted during the reporting period included:

- Collection of manual water level readings at the designated monitoring points and extraction wells. The average water level, based on the most recent water level measurements (September 9, 2021) during the reporting period, in the former Salt Vault was 576.38 feet above mean sea level (ft. AMSL), or 1.52 feet below the target level. The average water level in the former 8<sup>th</sup> Street Slip was 576.90 ft. AMSL, or 1.00 feet below the target level. A cumulative summary of manual water level readings and corrected elevations is attached as Table 1.
- No operation of the four extraction wells within the former Salt Vault (EW-10, EW-11, EW-13 and EW-14) occurred during this reporting period. Pumping from the newly installed horizontal wells HW-01 and HW-02 has replaced operation of the four extraction wells.

- Groundwater was extracted from the wells (EW-8 and EW-9) within the 8<sup>th</sup> Street Slip intermittently during the reporting period to maintain water levels below the target elevation.
- Operation of the newly installed horizontal wells was continuous during the reporting period. Water levels in the former Salt Vault were below the target elevation during this reporting period.

A summary of pumping and disposal operations for the 2021 season is provided below.

**Summary of Pump Down Operations (September 10, 2021)**

	Gallons Pumped	Gallons Treated at GWTS <sup>1</sup>	Gallons Transported for Off Site Disposal
This Period	~58,400	~0	~60,400
2021 Operations to Date	~740,250	~0	~730,650

All quantities are estimated.

**Issues Encountered During Reporting Period**

No issues were encountered during this reporting period that require resolution.

**Issues To Be Resolved During Next Reporting Period**

No operational issues were encountered during this reporting period that require resolution.

**Anticipated Work During Next Reporting Period**

At this time, permanent PDP extraction system operations within the area of the former Salt Vault and former 8<sup>th</sup> Street Slip continue following the primary completion of the construction of the extraction system and connection to the newly constructed PDP building. Process and control installation activities are being finalized; however, it is anticipated that operations of the PDP system will be continued during this time.

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<sup>1</sup> GWTS – Groundwater Treatment System

Finally, manual water level measurements will continue to be collected from the designated monitoring wells and extraction wells on a weekly basis.

If you have any questions regarding this report, please contact me at 262-349-2528 or [jeffrey.howard.danko@jci.com](mailto:jeffrey.howard.danko@jci.com).

Sincerely,



Jeffrey Danko  
EHS Manager – Environmental Remediation

Attachments:

Table 1 –Pump Down Program Groundwater Elevation Monitoring

cc: Angela Carey – WDNR  
Trevor Moen - WDNR  
Laura Gerold - WDNR  
Ryan Suennen – Tyco Fire Products  
Heather Ziegelbauer – Jacobs  
Kirk Kapfhammer – Endpoint Solutions Corp.





