

June 24, 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 8th 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 June 5, 2021 through June 18, 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 (June 17, 2021) during the reporting period, in the former Salt Vault was 577.65 feet above mean sea level (ft. AMSL), or 0.25 feet below the target level. The average water level in the former 8th Street Slip was 576.66 ft. AMSL, or 1.24 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 been ongoing and has replaced operation of the four extraction wells.
- No groundwater has been extracted from the wells (EW-8 and EW-9) within the 8th Street Slip since April 6, 2021 when the pump testing associated with the newly

installed horizontal wells was initiated. Water levels in the 8th Street Slip remain well below the target elevation.

- Extraction of groundwater from the newly installed horizontal well HW-02, installed within the former Salt Vault, averaged 2.0 gallons per minute (gpm) over the reporting time period. No groundwater has been extracted from horizontal well HW-01 during the reporting period in an effort to assess the optimal extraction rate to maintain water levels below the target elevation. Water levels in the former Salt Vault were below the target elevation during this time.
- Off-site transportation of recovered groundwater was conducted during the reporting period Monday through Friday of each week as needed to maintain operations.

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

Summary of Pump Down Operations (June 18, 2021)

	Gallons Pumped	Gallons Treated at GWTS ¹	Gallons Transported for Off Site Disposal
This Period	~38,500	~0	~36,150
2021 Operations to Date	~517,150	~0	~513,350

All quantities are estimated.

Issues Encountered During Reporting Period

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

¹ GWTS – Groundwater Treatment System

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

Pumping operations within the area of the former Salt Vault will be maintained using the horizontal extraction wells; however, current extraction rates may be adjusted in an effort to further assess the effectiveness of the horizontal well extraction system. It is also expected that operation of the extraction wells within the 8th Street Slip will be intermittent to maintain water levels below target elevations. 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.

Sincerely,



Jeffrey Danko
EHS Manager – Environmental Remediation

Attachments:

Table 1 – Pump Down Program Groundwater Elevation Monitoring

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

