

April 1, 2020

Ms. Jennifer Dodds
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 Ms. Dodds:

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 March 14, 2020 through March 27, 2020.

Summary of Work during Reporting Period

Work conducted during the reporting period included:

- Manual water level readings at the designated monitoring points and extraction wells were collected during the week of March 20, 2020. The pump down program was temporarily shut down on March 19, 2020 to address potential health and safety concerns associated with continued operation related to the COVID-19 outbreak. No water level data was collected during the week of March 27, 2020. System operation recommenced on March 27, 2020. The average water level, based on the most recent water level measurements (March 17, 2020) during the reporting period, in the former Salt Vault was 579.83 feet above mean seal level (ft. AMSL), or 1.93 feet above the target level. The average water level in the former 8th Street Slip was 577.86 ft. AMSL, or 0.04 feet below the target level. A cumulative summary of manual water level readings and corrected elevations is attached as Table 1.

- During pumping operations, total groundwater recovery rates in the former Salt Vault area averaged 1.82 gallons per minute (gpm) from the four extraction wells, which have been operating continuously during active operations the week of March 20, 2020. At this time, no water is being extracted from the wells within the former 8th Street Slip based on the water levels being below target level.
- Off-site transportation of recovered groundwater was conducted during the first week of the reporting period. No transport of recovered groundwater was conducted during the temporary shut down period week of March 27, 2020. Off-site disposal operations were limited based on a decrease in pumping activities.

A summary of pumping and disposal operations for the 2020 season is provided below.

Summary of Pump Down Operations (March 27, 2020)

	Gallons Pumped	Gallons Treated at GWTS ¹	Gallons Transported for Off Site Disposal
This Period	~15,900	~0	~12,900
2020 Operations to Date	~110,700	~0	~106,900

All quantities are estimated

Issues Encountered During Reporting Period

During pumping operations through March 19, 2020, the four extraction wells within the Salt Vault operated continuously. System operations were shut down to address concerns related to the COVID-19 outbreak and March 19, 2020, but operations recommenced on March 27, 2020.

Issues To Be Resolved During Next Reporting Period

No issues that require resolution have been identified at this time with the exception that policies and procedures are being evaluated to address the COVID-19 outbreak.

Anticipated Work During Next Reporting Period

Procedures are being implemented to reduce health and safety concerns related to system operation during the COVID-19 outbreak. Manual water level measurements will continue

¹ GWTS – Groundwater Treatment System

to be collected from the designated monitoring wells and extraction wells on at least a monthly basis if system operations do not resume.

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
Rick Bethel– Johnson Controls
Ryan Suennen – Tyco Fire Products
Heather Ziegelbauer – Jacobs
Kirk Kapfhammer – Endpoint Solutions

