

October 5, 2017

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 September 9, 2017 through September 29, 2017.

Summary of Work during Reporting Period

Work conducted during the reporting period included:

- Periodic pumping from the extraction wells in the former Salt Vault (EW-10, EW-11, EW-13, and EW-14) and 8th Street Slip (EW-9) continued during the reporting period. A total of approximately 40,060 gallons of water has been recovered from the pump down program area during the reporting period.
- Manual water level readings at the designated monitoring points and extraction wells have been collected during the interim shut down period and since recommencement of pumping. The manual water level readings and corrected elevations table is attached. Testing of the groundwater treatment system continues. A total of approximately 24,500 gallons of water has been treated through to the groundwater treatment system area as part of the planned testing program. System influent rates are currently set at approximately 2 gallons per minute from each area (Salt Vault and Slip).

- A summary of pumping and disposal operations for 2017 is provided in Table 1.

Table 1
Summary of Pump Down Operations (through September 29, 2017)

	Gallons Pumped	Gallons Transferred to GWTS	Gallons Transported for Off Site Disposal
This Period	~40,060	~17,000	~37,140
Project To Date	~95,060	~28,000	~37,140

All quantities are estimated

Issues Encounter during Reporting Period

Increased waste generation during the testing program and reverse osmosis filter fouling has resulted in additional system maintenance and reduced operational time for the groundwater treatment system.

Vickery notified Endpoint Corporation (Tyco's Pump Down Program contractor) that another injection well is down for repairs and the pump on an additional well is not operating at full capacity. In addition, availability of trucks for shipping to Vickery is limited at this time.

Issues to Be Resolved Next Reporting Period

No issues require resolution during the next reporting period.

Anticipated Work Next Reporting Period

Weekly manual water levels will be collected from the designated monitoring wells. Groundwater elevation data will be provided in the bi-weekly summary reports during the current pump down period.

If you have any questions regarding this report, please contact Jeff Danko at 262-951-6888 or jdanko@tycoint.com.

Sincerely,



Jeff Danko
Environmental Project Geologist

Attachments:

Table 1 –Pump Down Program Groundwater Elevation Monitoring

cc: Kristin DuFresne – WDNR
Trevor Moen - WDNR
Joseph Janeczek – Johnson Controls
Richard Mator – Johnson Controls
Ryan Suennen – Tyco Fire Protection Products

