

October 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 October 6, 2018 through October 19, 2018.

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 at least weekly during the reporting period. The average water level, based on the most recent water level measurements during the reporting period, in the former Salt Vault was 577.91 feet above mean seal level (ft. AMSL), or 0.1 feet above the target level. The average water level in the former 8th Street Slip was 574.14 ft. AMSL, or 3.76 feet below the target level. A cumulative summary of manual water level readings and corrected elevations is attached as Table 1.
- Total groundwater recovery rates in the former Salt Vault area averaged 0.76 gallons per minute (gpm) per well from the four extraction wells during the reporting period. Total groundwater recovery rates in the former 8th Street Slip averaged 1.91 gpm per well from the two extraction wells during pumping operations. Limited planned shutdown of extraction well EW-8 occurred during the

reporting period; the remaining extraction wells in each area were reported to have operated continuously during the reporting period.

- Off-site transportation of recovered groundwater was conducted during the reporting period. Off-site disposal operations are limited to five days per week with generally 1-2 trucks (approximately 5,000-10,000 gallons) per day necessary to maintain tank levels allowing for continuous pumping from the extraction wells.

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

Summary of Pump Down Operations (through October 19, 2018)

| | Gallons Pumped | Gallons Treated at GWTS ¹ | Gallons Transported for Off Site Disposal |
|-------------------------|----------------|--------------------------------------|---|
| This Period | ~75,220 | ~0 | ~78,820 |
| 2018 Operations To Date | ~1,249,580 | ~0 | ~1,248,270 ² |

All quantities are estimated

Issues Encountered during Reporting Period

No operational issues occurred during the reporting period.

Issues To Be Resolved During Next Reporting Period

No issues that require resolution have been identified at this time.

Anticipated Work During Next Reporting Period

Manual water level measurements will be collected from the designated monitoring wells on a weekly basis until the system is shut down for the winter period at which time manual water levels will be collected on a monthly basis. Note: It is possible that the system will be shut down for the winter during the next reporting period should weather conditions prevent further operations. Groundwater elevation data will be provided in the next bi-weekly summary report. Extracted groundwater will continue to be transported to Vickery for disposal.

¹ GWTS – Groundwater Treatment System

² Volume includes stormwater recovered in secondary containment structure

If you have any questions regarding this report, please contact me 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

| Well ID | April 24, 2017 | | May 10, 2017 | | June 6, 2017 | | June 15, 2017 | | June 16, 2017 | | July 6, 2017 | | August 1, 2017 | | August 4, 2017 | | August 15, 2017 | | August 23, 2017 | | August 25, 2017 | | August 29, 2017 | | September 1, 2017 | | September 5, 2017 | | September 11, 2017 | | September 14, 2017 | | September 25, 2017 | | October 2, 2017 | | October 4, 2017 | | October 9, 2017 | | | | |
|---------|----------------|--|--------------|--|--------------|--|---------------|--|---------------|--|--------------|--|----------------|--|----------------|--|-----------------|--|-----------------|--|-----------------|--|-----------------|--|-------------------|--|-------------------|--|--------------------|--|--------------------|--|--------------------|--|-----------------|--|-----------------|--|-----------------|--|--------|--|-----|
| | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW |
| MW001M | 5.48 | 581.53 | 5.26 | 581.75 | 4.79 | 582.38 | 4.28 | 582.90 | 4.23 | 582.95 | 3.88 | 583.30 | 3.54 | 583.64 | 3.40 | 583.78 | 3.70 | 583.48 | 3.81 | 583.37 | 4.01 | 583.17 | 3.73 | 583.45 | 8.61 | 578.56 | 6.32 | 580.85 | 4.46 | 582.71 | 4.25 | 582.93 | 7.89 | 579.28 | 8.82 | 578.35 | - | 8.99 | 578.18 | 8.1 | 579.07 | | |
| MW001S | 5.59 | 581.54 | 5.35 | 581.78 | 4.86 | 582.40 | 4.38 | 582.88 | 4.31 | 582.95 | 3.95 | 583.31 | 3.60 | 583.66 | 3.44 | 583.82 | 3.74 | 583.52 | 3.87 | 583.39 | 4.07 | 583.19 | 3.80 | 583.46 | 7.61 | 579.65 | 5.30 | 581.76 | 4.50 | 582.76 | 4.34 | 582.92 | 6.75 | 580.51 | 7.76 | 579.50 | - | 7.93 | 579.33 | 6.97 | 580.29 | | |
| MW002M | 7.23 | 581.78 | 7.5 | 582.02 | 8.07 | 582.70 | 7.56 | 583.22 | 7.53 | 583.25 | 7.16 | 583.63 | 6.81 | 583.99 | 6.66 | 584.14 | 6.97 | 583.83 | 7.08 | 583.71 | 7.28 | 583.51 | 7.00 | 583.79 | 10.58 | 580.15 | 8.31 | 582.46 | 7.40 | 583.08 | 7.50 | 583.29 | 9.66 | 581.08 | 10.70 | 580.02 | 10.57 | 580.16 | 10.92 | 579.80 | 9.94 | 580.80 | |
| MW002R | 7.2 | 581.52 | 7 | 581.72 | 7.93 | 582.39 | 7.43 | 582.89 | 7.41 | 582.91 | 7.01 | 583.31 | 6.68 | 583.64 | 6.55 | 583.77 | 6.84 | 583.48 | 6.95 | 583.37 | 7.16 | 583.16 | 6.88 | 583.44 | 10.46 | 579.86 | 8.26 | 582.06 | 7.59 | 582.73 | 7.37 | 582.95 | 9.62 | 580.70 | 10.62 | 579.70 | 10.26 | 580.06 | 10.85 | 579.47 | 9.82 | 580.50 | |
| MW003M | 6.3 | 581.58 | 6.1 | 581.78 | 5.59 | 582.46 | 5.14 | 582.91 | 5.10 | 582.95 | 4.74 | 583.31 | 4.40 | 583.65 | 4.21 | 583.84 | 4.46 | 583.59 | 4.59 | 583.46 | 4.79 | 583.26 | 4.52 | 583.53 | 7.33 | 580.70 | 5.29 | 582.76 | 5.56 | 582.69 | 4.97 | 583.08 | 6.11 | 583.70 | 7.84 | 580.19 | 7.05 | 580.99 | 7.73 | 580.30 | 6.53 | 581.51 | |
| MW003S | 5.78 | 581.49 | 5.54 | 581.73 | 6.27 | 582.63 | 5.77 | 583.13 | 5.80 | 583.10 | 5.58 | 583.32 | 5.26 | 583.64 | 4.95 | 583.95 | 5.20 | 583.70 | 5.31 | 583.59 | 5.55 | 583.35 | 5.29 | 583.61 | 8.11 | 580.79 | 6.15 | 582.75 | 6.19 | 582.71 | 5.90 | 583.00 | 7.72 | 581.18 | 8.62 | 580.28 | 8.5 | 579.40 | 7.64 | 581.26 | | | |
| MW113S | 6.59 | 581.67 | 6.37 | 581.82 | 7.89 | 582.40 | 7.37 | 582.92 | 7.35 | 582.94 | 6.96 | 583.33 | 6.63 | 583.66 | 6.47 | 583.87 | 6.81 | 583.48 | 6.90 | 583.39 | 7.12 | 583.17 | 6.82 | 583.47 | 10.78 | 579.51 | 8.65 | 581.64 | 7.51 | 582.78 | 7.32 | 582.97 | 9.90 | 580.39 | 10.52 | 579.77 | 10.5 | 579.79 | 10.93 | 579.38 | 10.03 | 580.26 | |
| MW115S | 6.27 | 581.88 | 6.11 | 582.04 | 6.68 | 582.62 | 6.29 | 583.01 | 7.30 | 583.00 | 7.08 | 583.22 | 6.97 | 583.33 | 6.75 | 583.55 | 7.00 | 583.30 | 7.18 | 583.12 | 7.28 | 583.02 | 7.11 | 583.19 | 9.65 | 580.65 | 7.80 | 582.50 | 7.64 | 582.66 | 7.49 | 583.00 | 8.90 | 581.40 | 9.41 | 580.89 | 9.89 | 580.41 | 10.11 | 580.19 | 9.15 | 581.15 | |
| MW115P | 5.19 | 582.01 | 5.05 | 582.15 | 6.39 | 582.71 | 5.95 | 583.15 | 5.94 | 583.16 | 5.71 | 583.39 | 5.44 | 583.66 | 5.29 | 583.81 | 5.53 | 583.57 | 5.62 | 583.48 | 5.78 | 583.32 | 5.58 | 583.52 | 8.20 | 580.89 | 6.29 | 582.81 | 6.16 | 582.94 | 5.97 | 583.13 | 7.02 | 582.08 | 7.98 | 581.11 | 7.7 | 581.39 | 7.96 | 581.13 | 8.5 | 580.59 | |
| MW115P | 5.25 | 581.57 | 5.06 | 581.76 | 6.60 | 582.40 | 6.08 | 582.92 | 6.05 | 582.95 | 5.68 | 583.32 | 5.34 | 583.66 | 5.19 | 583.81 | 5.49 | 583.51 | 5.60 | 583.40 | 5.81 | 583.19 | 5.56 | 583.44 | 9.21 | 579.79 | 7.18 | 581.82 | 6.27 | 582.73 | 6.00 | 583.00 | 8.46 | 580.59 | 9.43 | 579.57 | 9.31 | 579.69 | 9.4 | 579.60 | 8.27 | 580.73 | |
| MW119P | 6.4 | 581.58 | 6.55 | 581.43 | 7.64 | 582.28 | 7.23 | 582.70 | 7.20 | 582.73 | 6.73 | 583.20 | 6.37 | 583.56 | 6.29 | 583.64 | 6.39 | 583.54 | 6.43 | 583.50 | 6.55 | 583.38 | 6.42 | 583.51 | 7.14 | 582.79 | 6.99 | 582.94 | 7.13 | 582.80 | 6.96 | 582.97 | 7.58 | 582.35 | 8.13 | 581.79 | 8.1 | 581.82 | 8.63 | 581.29 | 8.25 | 581.67 | |
| MW119S | 6.39 | 581.58 | 6.18 | 581.79 | 7.48 | 582.44 | 6.97 | 582.95 | 6.93 | 583.00 | 6.56 | 583.37 | 6.22 | 583.71 | 6.03 | 583.90 | 6.35 | 583.58 | 6.48 | 583.45 | 6.67 | 583.26 | 6.38 | 583.55 | 10.26 | 579.65 | 8.50 | 581.42 | 7.14 | 582.78 | 6.90 | 583.03 | 9.63 | 580.28 | 10.48 | 579.43 | 10.33 | 579.58 | 10.64 | 579.27 | 9.74 | 580.17 | |
| MW119D | 9.37 | 577.58 | 45.67 | 541.28 | 27.83 | 560.91 | 23.99 | 564.95 | 23.45 | 565.29 | 17.44 | 571.30 | 12.88 | 575.86 | 12.52 | 576.22 | 11.35 | 577.39 | 10.69 | 578.05 | 10.56 | 578.18 | 10.42 | 578.56 | 10.07 | 578.67 | 9.87 | 578.87 | 9.59 | 579.15 | 9.45 | 579.29 | 9.58 | 579.68 | 8.96 | 579.78 | 8.89 | 579.85 | 8.54 | 580.20 | 8.72 | 580.02 | |
| EW-3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| EW-10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| EW-11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| EW-13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MW034M | 7.71 | 578.91 | 7.42 | 579.20 | 8.52 | 579.73 | 10.01 | 578.24 | 10.40 | 577.85 | 7.90 | 580.35 | 7.54 | 580.71 | 7.41 | 580.84 | 7.40 | 580.85 | 7.37 | 580.88 | 7.44 | 580.81 | 7.30 | 580.95 | 9.44 | 578.81 | 8.36 | 579.89 | 7.70 | 580.55 | 7.60 | 580.65 | 7.84 | 580.41 | 9.18 | 579.07 | 9.55 | 578.70 | 9.79 | 578.46 | 9.47 | 578.78 | |
| MW034S | 7.73 | 578.78 | 7.47 | 579.07 | 8.65 | 579.57 | 8.25 | 579.97 | 8.34 | 579.88 | 8.00 | 580.27 | 7.61 | 580.62 | 7.52 | 580.71 | 7.47 | 580.76 | 7.46 | 580.77 | 7.55 | 580.68 | 7.34 | 580.89 | 9.68 | 578.54 | 8.70 | 579.52 | 7.79 | 580.43 | 7.68 | 580.54 | 7.88 | 580.34 | 9.47 | 578.75 | 9.56 | 578.46 | 9.96 | 578.26 | 9.6 | 578.62 | |
| MW035M | 6.36 | 578.52 | 8.06 | 578.82 | 9.31 | 579.34 | 9.09 | 579.56 | 9.05 | 579.60 | 8.69 | 579.97 | 8.36 | 580.30 | 8.23 | 580.43 | 8.23 | 580.43 | 8.18 | 580.49 | 8.21 | 580.46 | 8.02 | 580.65 | 9.16 | 579.49 | 8.50 | 580.16 | 8.59 | 580.07 | 8.39 | 580.27 | 8.69 | 579.97 | 9.11 | 579.54 | 9.37 | 579.27 | 9.51 | 579.03 | 9.35 | 579.29 | |
| MW035S | 6.11 | 578.85 | 5.79 | 579.18 | 8.59 | 579.69 | 8.35 | 579.93 | 8.32 | 579.96 | 7.95 | 580.33 | 7.56 | 580.72 | 7.50 | 580.78 | 7.44 | 580.84 | 7.39 | 580.89 | 7.46 | 580.82 | 7.31 | 580.97 | 8.32 | 579.96 | 7.78 | 580.50 | 7.79 | 580.49 | 7.66 | 580.62 | 7.94 | 580.34 | 8.42 | 579.86 | 8.56 | 579.72 | 8.8 | 579.48 | 8.59 | 579.69 | |
| MW038M | 8.64 | 579.05 | 8.3 | 579.39 | 7.97 | 579.72 | 7.74 | 579.95 | 7.70 | 579.99 | 7.29 | 580.40 | 6.95 | 580.74 | 6.85 | 580.84 | 6.84 | 580.85 | 6.78 | 580.80 | 6.77 | 580.82 | 6.71 | 580.92 | 7.93 | 579.76 | 7.21 | 580.48 | 7.27 | 580.42 | 7.14 | 580.55 | 7.54 | 580.29 | 7.85 | 580.27 | - | 8.45 | 577.58 | 8.14 | 577.89 | | |
| MW038S | 8.61 | 579.10 | 8.27 | 579.44 | 7.94 | 579.77 | 7.68 | 580.03 | 7.63 | 580.08 | 7.22 | 580.49 | 6.91 | 580.80 | 6.86 | 580.85 | 6.80 | 580.91 | 6.78 | 580.93 | 6.85 | 580.86 | 6.72 | 580.99 | 8.04 | 579.67 | 7.40 | 580.31 | 7.20 | 580.51 | 7.13 | 580.58 | 7.39 | 580.32 | 8.09 | 580.30 | - | 8.57 | 577.46 | 8.3 | 577.73 | | |
| MW120D | 6.44 | 580.94 | 6.5 | 580.88 | 7.92 | 580.51 | 7.32 | 581.52 | 7.40 | 581.44 | 7.27 | 581.57 | 7.30 | 581.54 | 7.12 | 582.10 | 7.17 | 581.67 | 7.50 | 581.54 | 7.16 | 581.68 | 7.20 | 581.64 | 7.35 | 581.49 | 7.30 | 581.54 | 7.54 | 581.30 | 7.49 | 581.35 | 7.45 | 581.39 | 7.80 | 581.03 | 7.5 | 581.34 | 7.77 | 581.47 | | | |
| MW120M | 8.26 | 578.88 | 8.1 | 579.08 | 9.38 | 579.61 | 9.08 | 580.01 | 9.05 | 580.07 | 8.65 | 580.47 | 8.21 | 580.86 | 8.21 | 580.86 | 8.21 | 580.86 | 8.21 | 580.86 | 8.21 | 580.86 | 8.21 | 580.86 | 9.03 | 579.97 | 8.49 | 580.16 | 8.48 | 580.53 | 8.48 | 580.64 | 8.48 | 580.64 | 8.48 | 580.64 | 8.48 | 580.64 | 8.48 | 580.64 | 8.48 | 580.64 | |
| MW120S | 7.72 | 578.96 | 7.66 | 579.02 | 8.96 | 579.64 | 8.52 | 580.08 | 8.55 | 580.05 | 8.32 | 580.28 | 7.94 | 580.66 | 7.69 | 580.91 | 7.78 | 580.82 | 7.85 | 580.75 | 7.96 | 580.64 | 7.67 | 580.93 | 8.14 | 580.46 | 7.97 | 580.63 | 8.05 | 5 | | | | | | | | | | | | | |

| Well ID | October 4, 2018 | | October 9, 2018 | | October 11, 2018 | | October 16, 2018 | | October 18, 2018 | |
|---------------------------------|-----------------|--|-----------------|--|------------------|--|------------------|--|------------------|--|
| | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) | DTW | Corrected Groundwater Elevation (for equivalent fresh water) |
| MW001M | 10.32 | 576.85 | 9.95 | 577.22 | 9.88 | 577.29 | 9.91 | 577.26 | 10.26 | 576.91 |
| MW001S | 9.52 | 577.74 | 9.06 | 578.20 | 9.10 | 578.16 | 8.16 | 578.10 | 9.43 | 577.83 |
| MW002M-R | 12.59 | 578.10 | 12.14 | 578.56 | 12.01 | 578.69 | 12.20 | 578.50 | 12.55 | 578.14 |
| MW002S-R | 12.51 | 577.81 | 12.10 | 578.22 | 12.07 | 578.25 | 12.06 | 578.26 | 12.43 | 577.89 |
| MW0031M | 9.73 | 578.29 | 9.57 | 578.45 | 9.37 | 578.65 | 9.65 | 578.37 | 9.94 | 578.08 |
| MW0031S | 11.05 | 577.85 | 10.71 | 578.19 | 10.51 | 578.39 | 10.75 | 578.15 | 11.10 | 577.80 |
| MW113S | 12.47 | 577.81 | 12.02 | 578.27 | 11.89 | 578.40 | 12.05 | 578.24 | 12.42 | 577.86 |
| MW113M | 11.35 | 578.94 | 10.79 | 579.51 | 10.57 | 579.73 | 11.09 | 579.20 | 11.26 | 579.03 |
| MW115P | 10.74 | 578.35 | 10.47 | 578.62 | 10.38 | 578.71 | 10.49 | 578.60 | 10.82 | 578.27 |
| MW115S | 11.24 | 577.75 | 10.89 | 578.10 | 10.73 | 578.27 | 10.90 | 578.09 | 11.28 | 577.71 |
| MW116P | 10.88 | 579.03 | 10.83 | 579.08 | 10.87 | 579.04 | 10.85 | 579.06 | 10.98 | 578.93 |
| MW116S | 12.06 | 577.84 | 11.67 | 578.23 | 11.57 | 578.33 | 11.68 | 578.22 | 12.01 | 577.89 |
| MW119D | 39.78 | 548.96 | 36.05 | 552.69 | 36.28 | 552.46 | 31.64 | 557.10 | 30.53 | 558.21 |
| EW-3 | - | - | - | - | - | - | - | - | - | - |
| EW-10 | 23.73 | 564.02 | 23.90 | 563.85 | 23.84 | 563.91 | 23.10 | 564.66 | 22.60 | 565.16 |
| EW-11 | 27.74 | 559.56 | 27.04 | 560.26 | 27.12 | 560.18 | 23.30 | 564.01 | 23.41 | 563.90 |
| EW-13 | 24.18 | 561.56 | 24.08 | 561.66 | 24.01 | 561.73 | 21.95 | 563.80 | 23.22 | 562.52 |
| EW-14 | 21.28 | 565.43 | 21.13 | 565.58 | 21.20 | 565.51 | 20.89 | 565.82 | 20.42 | 566.29 |
| MW034M | 13.98 | 574.27 | 13.86 | 574.39 | 13.79 | 574.46 | 13.09 | 575.16 | 13.15 | 575.10 |
| MW034S | 14.24 | 573.98 | 14.23 | 573.99 | 14.16 | 574.06 | 13.36 | 574.86 | 14.47 | 573.75 |
| MW036M | 14.81 | 573.74 | 14.83 | 573.72 | 14.84 | 573.71 | 14.09 | 574.47 | 14.93 | 573.61 |
| MW036S | 14.28 | 573.99 | 14.35 | 573.92 | 14.39 | 573.88 | 14.32 | 573.95 | 14.40 | 573.87 |
| MW038M | 14.01 | 573.68 | 14.02 | 573.67 | 14.03 | 573.66 | 13.96 | 573.73 | 14.11 | 573.58 |
| MW038S | 14.12 | 573.58 | 14.21 | 573.49 | 14.19 | 573.51 | 14.05 | 573.65 | 14.24 | 573.46 |
| MW120D | 8.09 | 580.74 | 6.99 | 581.85 | 7.01 | 581.83 | 7.87 | 580.96 | 7.89 | 580.94 |
| MW120M | 14.04 | 574.88 | 14.00 | 574.92 | 14.02 | 574.90 | 14.21 | 574.71 | 14.19 | 574.73 |
| MW120S | 13.44 | 575.15 | 13.42 | 575.17 | 13.45 | 575.14 | 14.44 | 574.15 | 13.55 | 575.04 |
| EW-2 | - | - | - | - | - | - | - | - | - | - |
| EW-8 | 17.98 | 568.78 | 18.47 | 568.29 | 18.52 | 568.24 | 16.95 | 569.81 | 17.80 | 568.96 |
| EW-9 | 22.29 | 563.38 | 20.27 | 565.41 | 20.30 | 565.38 | 20.49 | 565.19 | 20.30 | 565.38 |
| MW004M | - | - | - | - | - | - | - | - | - | - |
| MW004S | 6.18 | 582.40 | 5.79 | 582.79 | 5.46 | 583.12 | 5.27 | 583.31 | 5.41 | 583.17 |
| MW032M | 6.48 | 581.74 | 5.92 | 582.31 | 5.73 | 582.50 | 5.94 | 582.29 | 6.12 | 582.11 |
| MW032S | 6.18 | 582.18 | 6.11 | 582.25 | 6.08 | 582.28 | 5.95 | 582.41 | 6.00 | 582.36 |
| MW031M | 5.21 | 583.58 | 5.29 | 583.50 | 4.44 | 584.36 | 4.32 | 584.49 | 4.49 | 584.31 |
| MW033S | 4.81 | 582.36 | 4.98 | 582.19 | 4.09 | 583.08 | 3.95 | 583.22 | 4.10 | 583.07 |
| MW039M | - | - | - | - | - | - | - | - | - | - |
| MW039S | 3.57 | 582.52 | 3.21 | 582.88 | 2.85 | 583.24 | 2.70 | 583.39 | 2.84 | 583.25 |
| MW035M | - | - | - | - | - | - | - | - | - | - |
| MW035S | 6.07 | 581.60 | 5.57 | 582.10 | 5.61 | 582.06 | 5.71 | 581.96 | 5.83 | 581.84 |
| MW037M | - | - | - | - | - | - | - | - | - | - |
| MW037S | 5.31 | 581.77 | 4.90 | 582.18 | 4.88 | 582.20 | 4.98 | 582.10 | 5.07 | 582.01 |
| SG4 | 8.50 | 580.17 | 7.15 | 581.52 | 7.95 | 580.72 | 8.20 | 580.47 | 8.24 | 580.43 |
| Rough Target Elevation Calc SV* | - | 577.90 | - | 578.29 | - | 578.41 | - | 578.34 | - | 577.91 |
| Rough Target Elevation Calc BS* | - | 574.16 | - | 574.16 | - | 574.16 | - | 574.33 | - | 574.14 |
| Target Elevation (NAVD88) | - | 577.90 | - | 577.90 | - | 577.90 | - | 577.90 | - | 577.90 |
| SV Variance | - | 0.00 | - | 0.39 | - | 0.51 | - | 0.44 | - | 0.01 |
| BS Variance | - | -3.74 | - | -3.74 | - | -3.74 | - | -3.57 | - | -3.76 |

Notes:
Measurements were collected from top of casing (TOC). All depth measurements are in feet.
ID = Identification; DTW = depth to water; DTB = Depth to Bottom; TOC = Top of Casing
NM = Not Measured; MW = Monitoring Well; PZ = Piezometer
August 3rd measurements taken during Salt Vault Shut Down Period
August 10-11 measurements taken during 8th Street Slip Shut Down Period, only pumping wells EW-10 and EW-13 operating in Salt Vault
August 13th through August 23rd measurements taken with only EW-08 operating in 8th Street Slip and EW-10 and EW-13 operating in Salt Vault
August 24th through September 14th measurements taken with only EW-09 operating in 8th Street Slip and EW-10 and EW-13 operating in Salt Vault
September 17th through October 22nd measurements taken with only EW-09 operating in 8th Street Slip and EW-10, EW-11, EW-13 and EW-14 operating in Salt Vault