

**U.S. Army Fort Monmouth
Restoration Advisory Board (RAB)
January 8, 2015 ~ 7:00 p.m.**

AGENDA

1. Call meeting to order – Jim Allen

2. Comments old business – Jim Allen
 - Discuss July 10, 2014 and October 2, 2014 meeting minutes.

3. Presentation Parsons – Allyson Kriney
 - Fort Monmouth Long Term Groundwater Sampling in 2014
 - FTMM-54 No Further Action Request for Groundwater

4. Discuss IRP Status – Wanda Green

5. Discuss letter for Landfill Terrain Walk – Frank Barricelli

6. Round table discussion – Jim Allen

7. Discuss 2015 meeting schedule. – Jim Allen
 - Thursday, April 2, 2015
 - Thursday, July 9, 2015 (Note: This is the 2nd Thursday of the month)
 - Thursday, October 1, 2015






- *** Please note, RAB meeting announcements will continue to be forward to the media for news release. See website - <http://www.pica.army.mil/FtMonmouth/>.
The Army will not send personal emails to the public for notification of the meetings.

8. Public comments/questions. – Jim Allen
 - *** Please limit all comments and questions to five (5) minutes per public member.

9. Meeting adjourned. – Jim Allen

2015 Fort Monmouth Restoration Advisory Board

Date: January 8, 2015

NAME	ORGANIZATION	ADDRESS	TELEPHONE	EMAIL	SIGNATURE
John Occhipinti	U.S. Army Fort Monmouth/ ACSIM	U.S. Army Fort Monmouth P.O. Box 148 Oceanport, NJ 07757	732-383-5104	john.e.occhipinti.civ@mail.mil	
Wanda Green	U.S. Army Fort Monmouth	U.S. Army Fort Monmouth P.O. Box 148 Oceanport, NJ 07757	W - 732-380-7064	wanda.s.green2.civ@mail.mil	
Linda Range	NJDEP Case Manager	NJDEP Case Manager 401 E. State St., 5th Floor P.O. Box 407 Trenton, NJ 08625-0407	W - 609-984-6606	linda.range@dep.state.nj.us	
Joel Grimm	Monmouth Co. Dept. of Health	Monmouth County DOH 3435 Hwy 9 Freehold, NJ 07728	732-431-7456	joel.grimm@co.monmouth.nj.us	
Dan Levine	Little Silver Business - Little Silver Community Hardware	44 Church St. Little Silver, NJ 07739	H- Redacted - Privacy Act W-732-747-2133 F-732-747-5420	hardwaredan@verizon.net	
Brian Charnick	Resident - Eatontown	Redacted - Privacy Act	H- Redacted - Privacy Act W- Redacted - Privacy Information	Redacted - Privacy Act	
Edward J. Dlugosz	Resident - Eatontown		H- Redacted - Privacy Act W- Redacted - Privacy Information		
Frank Barricelli	Resident - Oceanport		H- Redacted - Privacy Act		
James Allen	Resident - Tinton Falls		H- Redacted - Privacy Act		
Dianne M. Crilly	Resident - Shrewsbury		H- Redacted - Privacy Act		
Francis R. Owens	Resident - Tinton Falls		H- Redacted - Privacy Act H- Redacted - Privacy Act		
Richard Gruskos	Resident - Oceanport		W- Redacted - Privacy Information		
Tim Rider	U.S. Army Picatinny	U.S. Army ARDEC - PAO Building-93, 1st Floor Picatinny, New Jersey 07806	W-973-724-6364	timothy.rider@us.army.mil	

PARSONS

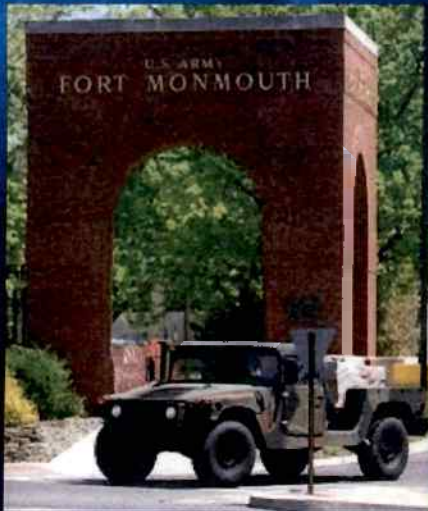
U.S. ARMY FORT MONMOUTH

2014 Long Term Groundwater Sampling (1st and 2nd Quarters)
and FTMM-54 No Further Action Request for Groundwater

c o r e v a l u e s

RESTORATION ADVISORY BOARD

January 8, 2015 MEETING



Agenda

PARSONS

- Groundwater Sampling Schedule and Methods
- Sites Sampled
- FTMM-54 No Further Action (NFA) Request for Groundwater
- Questions



Groundwater Sampling Schedule and Methods

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- 2014 Groundwater sampling was performed quarterly, in March (1st Quarter), June (2nd Quarter), September (3rd Quarter), and December (4th Quarter), based on the 2013 Baseline Sampling Report recommendations.
- Quarterly sampling was completed at sites FTMM-22 (6 wells), FTMM-53 (8 wells), and FTMM-68 (2 wells).
- In addition to the quarterly sites, annual sampling was completed at the following sites during the 4th quarter: FTMM-2 (6 wells), FTMM-3 (2 wells), FTMM-5 (4 wells), FTMM-8 (8 wells), FTMM-18 (2 wells), FTMM-54 (2 wells), FTMM-56 (2 wells), FTMM-57 (1 well), FTMM-58 (2 wells), FTMM-59 (1 well), FTMM-61 (1 well), FTMM-64 (1 well), and FTMM-66 (3 wells).

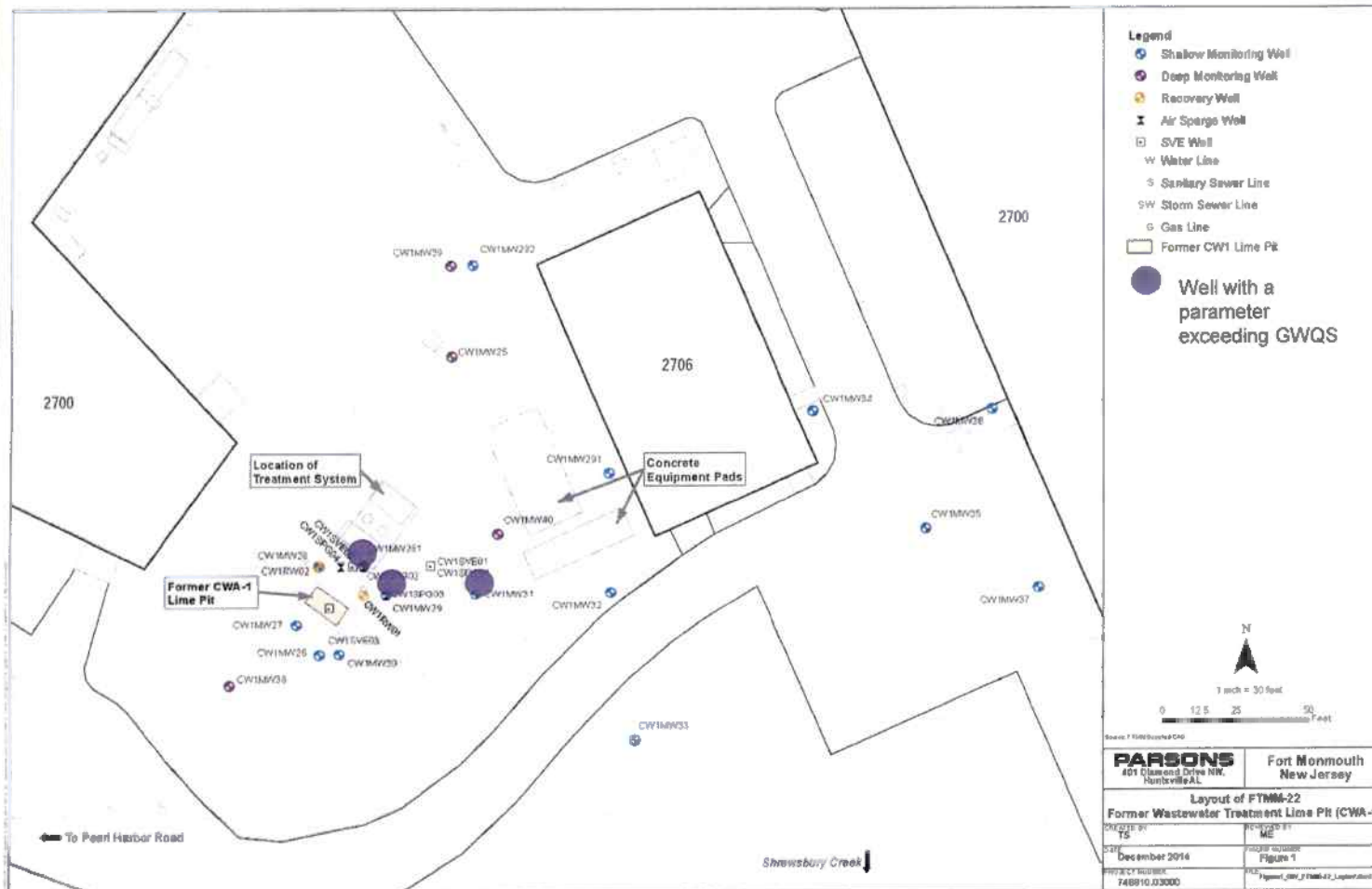
Groundwater Sampling Schedule and Methods

PARSONS

- Samples collected at sites on a quarterly basis were analyzed for volatile organic compounds (VOCs) while the additional annual sites were sampled for VOCs, semi-volatile organic compounds (SVOCs), metals, and/or pesticides.
- This presentation reviews the data collected during the 1st and 2nd quarters. The 3rd quarter report is currently under review by the Army and has not been finalized. The 4th quarter data, which was collected in December, is not available yet.
- Sampling was completed using both the low-flow purge and sample method, and passive diffusion bags.

Groundwater Results: FTMM-22 - 1st and 2nd Quarters (Former Wastewater Treatment Lime Pit (CWA-1))

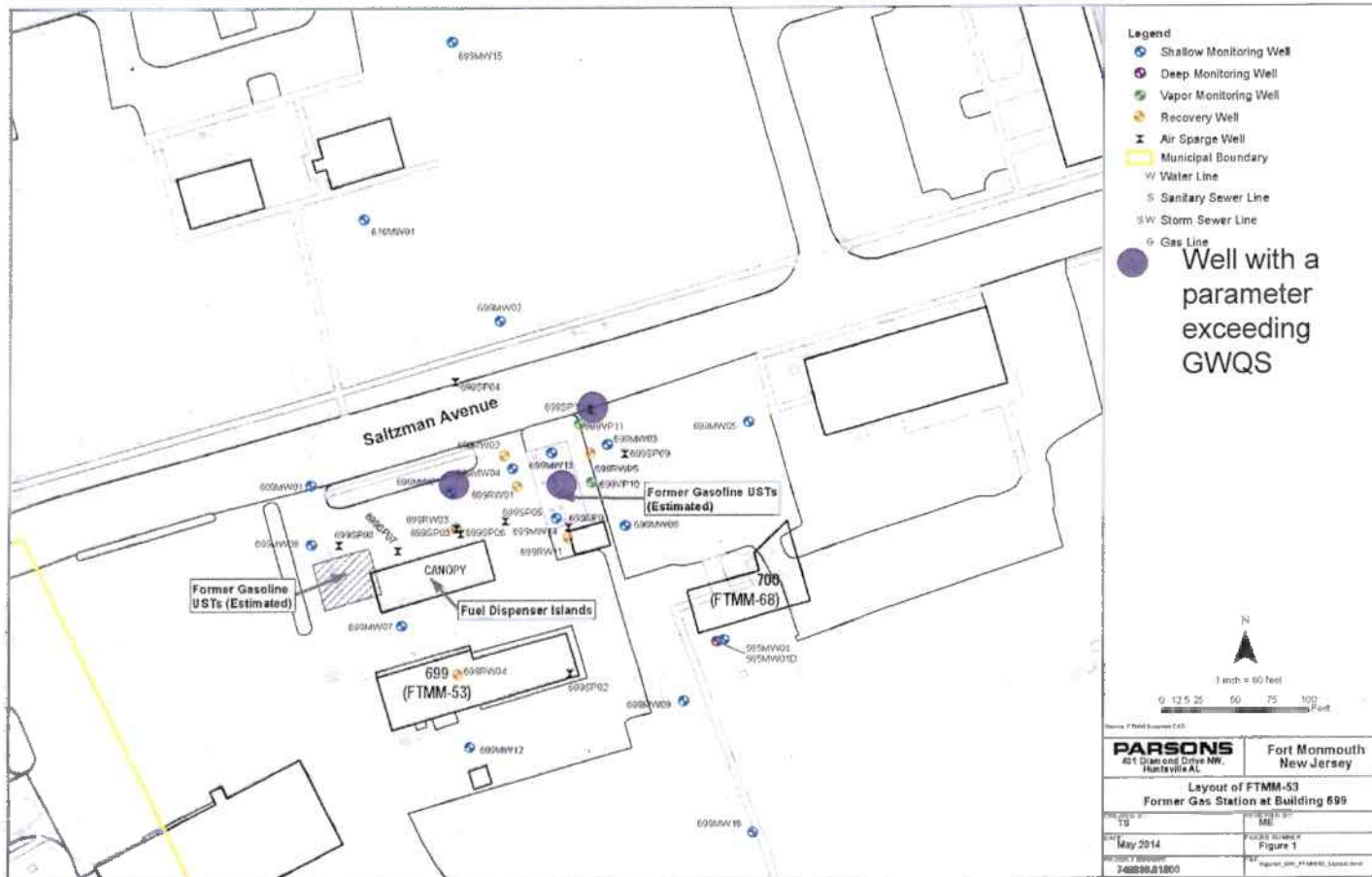
PARSONS



- Trichloroethene (TCE) was detected in monitoring wells CW1MW29, CW1MW31, and CW1MW281 above its NJDEP GWQS of 1 µg/L, ranging from 5.1 µg/L (CW1MW31) to 14 µg/L (CW1MW281) in the 1st and 2nd quarters.

Groundwater Results: FTMM-53 - 1st and 2nd Quarters (Former Gas Station at Building 699)

PARSONS



- Benzene (699RW03, 699RW05, 699RW11), 1,2,4-trimethylbenzene (699RW03, 699RW05), 1,3,5-trimethylbenzene (699RW05), and total xylenes (699RW05) were detected above their NJDEP GWQS in the 1st and 2nd quarters.

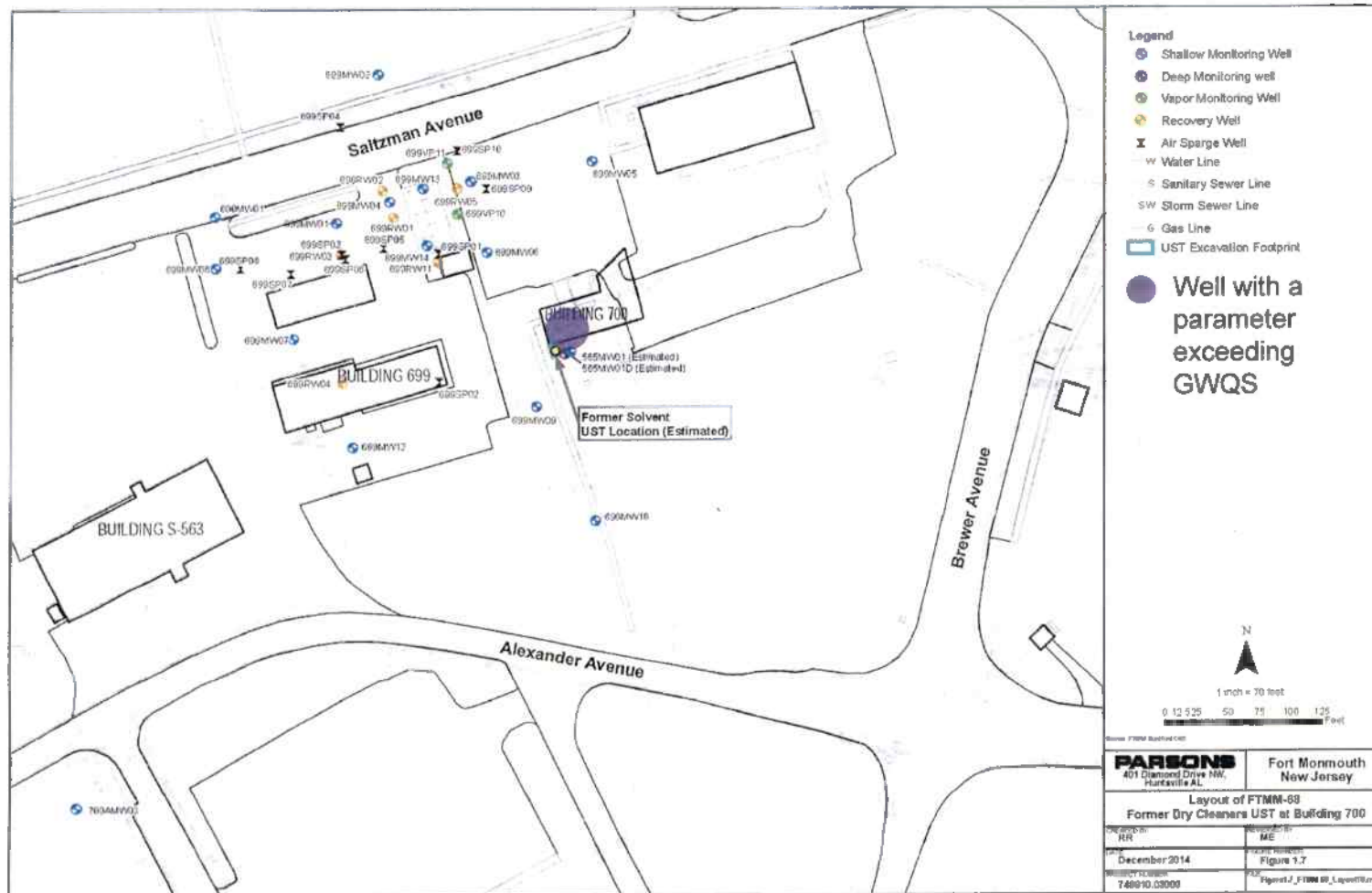
Groundwater Results: FTMM-53 - 1st and 2nd Quarters (Former Gas Station at Building 699) (Continued)

PARSONS

- Benzene was detected above its GWQS of 1 µg/L, ranging from 2.8 µg/L (699RW05) to 11 µg/L (699RW11).
- 1,2,4- trimethylbenzene was detected above its GWQS of 100 µg/L, ranging from 110 µg/L (699RW03) to 790 µg/L (699RW05).
- 1,3,5- trimethylbenzene was detected above its GWQS of 100 µg/L in 699RW05 (160 µg/L) during the first quarter only.
- Total xylenes was detected above its GWQS of 1,000 µg/L in 699RW05 (2,400 µg/L) during the 1st quarter only.

Groundwater Results: FTMM-68 - 1st and 2nd Quarters (Former Dry Cleaner UST at Building 700)

PARSONS



- 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, tetrachloroethene (PCE) and vinyl chloride were detected above their NJDEP GWQS in both monitoring wells (565MW01 and 565MW01D) during the 1st and 2nd quarters.

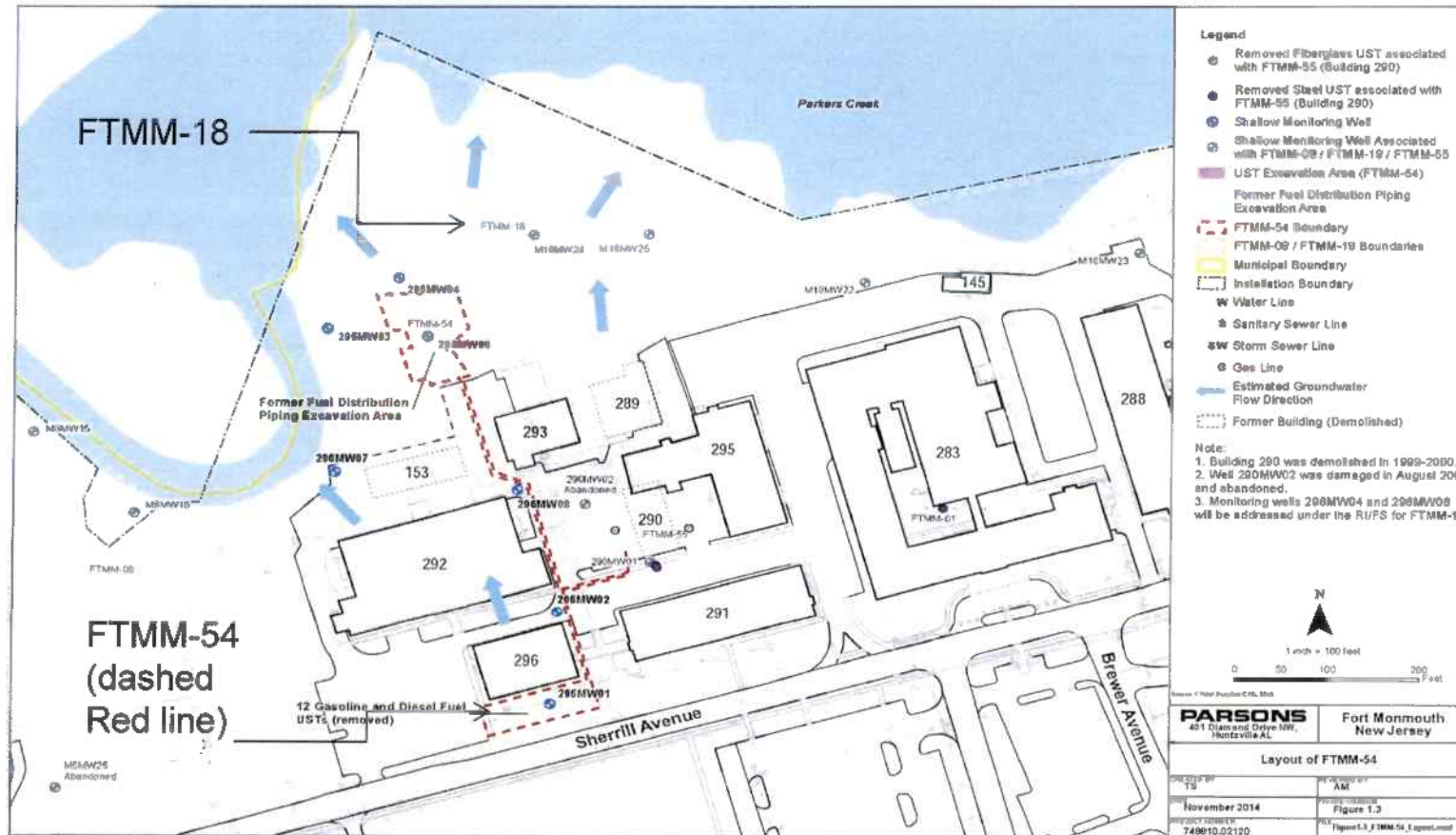
Groundwater Results: FTMM-68 - 1st and 2nd Quarters (Former Dry Cleaner UST at Building 700) (Continued)

PARSONS

- 1,1-dichloroethene was detected above its GWQS of 1 µg/L, ranging from 2.1 µg/L (565MW01) to 10 µg/L (565MW01D).
- Cis-1,2-dichloroethene was detected above its GWQS of 70 µg/L, ranging from 120 µg/L (565MW01D) to 270 µg/L (565MW01).
- TCE was detected above its GWQS of 1 µg/L, ranging from 42 µg/L (565MW01D) to 230 µg/L (565MW01).
- PCE was detected above its GWQS of 1 µg/L, ranging from 350 µg/L (565MW01) to 1,800 µg/L (565MW01D).
- Vinyl chloride was detected above its GWQS of 1 µg/L, ranging from 5.5 µg/L (565MW01D) to 18 µg/L (565MW01).

FTMM-54 (Building 296) No Further Action Request for Groundwater

PARSONS



- On December 1, 2014 FTMM submitted a request for NFA for groundwater to the NJDEP for FTMM-54, a former fuel distribution facility.
- FTMM-54 includes the former underground storage tank (UST) area south of Building 296, and the fuel distribution piping that extended to the north into the western portion of FTMM-18.

FTMM-54 (Building 296) No Further Action Request for Groundwater (Continued)

PARSONS

- Quarterly groundwater monitoring for 7 monitoring wells began in June 1997 to August 2011 and in August 2013 groundwater sampling was conducted to re-establish baseline groundwater conditions following temporary suspension of groundwater sampling in late 2011.
- Only 1 VOC (benzene) exceeded the NJDEP GWQS in one well (296MW06) located within the foot print of FTMM-18.
- VOC attributed to releases at FTMM-18 (from spills occurring during fueling generators to support field exercises) and not FTMM-54. VOCs in well 296MW06 will be administratively addressed under the RI/FS Report for FTMM- 18.
- Full RI/FS Report for FTMM-54 to be submitted to NJDEP at later date.

QUESTIONS