New Jersey Department of Environmental Protection
Site Remediation Program

Report Certifications for RCRA GPRA 2020, CERCLA, and Federal Facility Sites

These certifications are to be used for reports submitted for RCRA GPRA 2020, CERCLA, and Federal Facility Sites. The Department has developed guidance for report certifications for RCRA GPRA 2020, CERCLA, and Federal Facility Sites under traditional oversight. The "Person Responsible for Conducting the Remediation Information and Certification" is required to be submitted with each report. For those sites that are required or opt to use a Licensed Site Remediation Professional (LSRP) the report must also be certified by the LSRP using the "Licensed Site Remediation Professional Information and Statement". For additional guidance regarding the requirement for LSRPs at RCRA GPRA 2020, CERCLA and Federal Facility Sites see http://www.nj.gov/dep/srp/srra/training/matrix/quick_ref/rcra_cercla_fed_facility_sites.pdf.

Document: "Underground Storage Tanks (USTs) UST 545 and UST 653 Letter Work Plan Addendum"

PERSON RESPONSIBLE FOR CONDUCTING THE REMEDIATION INFORMATION AND CERTIFICATION

Full Legal Name of the Person Responsible for Conducting the Remediation: William R. Colvin
Representative First Name: William Representative Last Name: Colvin
Title: BRAC Environmental Coordinator
Phone Number: (732) 380-7064 Ext: Fax:
Mailing Address: P.O. Box 148
City/Town: Oceanport State: NJ Zip Code: 07757
Email Address: william.r.colvin18.civ@mail.mil

This certification shall be signed by the person responsible for conducting the remediation who is submitting this notification in accordance with Administrative Requirements for the Remediation of Contaminated Sites rule at N.J.A.C. 7:26C-1.5(a).

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein, including all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

Signature: William R Colvin Date: 12/29/2016
Name/Title: William R. Colvin / BRAC Environmental Coordinator

DEPARTMENT OF THE ARMY

OFFICE OF ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT
U.S. ARMY FORT MONMOUTH
P.O. 148
OCEANPORT, NEW JERSEY 07757

December 29, 2016

Ms. Linda Range
New Jersey Department of Environmental Protection
Bureau of Case Management
401 East State Street
PO Box 420/Mail Code 401-05F
Trenton, NJ 08625-0028

SUBJECT: Underground Storage Tanks (USTs) UST 545 and UST 653 Letter Work Plan Addendum, Fort Monmouth, New Jersey

Attachments:

- UST 545 Location Map
- UST 653 Location Map
- Table 1 Summary of Proposed Sampling for UST 545 and UST 653

Correspondence (not attached):

1. Army 8 December 2015 Letter, Re: *No Further Action Request Site Investigation Report Addendum for the ECP Parcel 51 Underground Storage Tanks (Excluding the Building 750 Motor Pool Area), Fort Monmouth, NJ*
2. NJDEP 6 December 2016 Letter, Re: *No Further Action Request Site Investigation Report Addendum for the ECP Parcel 51 Underground Storage Tanks (Excluding the Building 750 Motor Pool Area) dated December 8, 2015*

Dear Ms. Range:

The U.S. Army Fort Monmouth (FTMM) team is proposing additional soil and groundwater sampling at the subject underground storage tank (UST) sites to provide analytical data as specified by the New Jersey Department of Environmental Protection (NJDEP) to determine if a No Further Action (NFA) determination is appropriate for these sites. Following is a brief description of the current status and proposed work at each site; additional information is found in the referenced correspondence.

- UST 545 was a 1,500-gallon No. 2 fuel oil UST that was removed along with petroleum-contaminated soil in 1994, and post-excavation soil samples were collected from the excavation. The results of the investigation were reported in the *Underground Storage Tank Closure and Site Investigation Report, Former Building 545, Main Post, NJDEP UST Registration No. 081533-78* (previously included as Attachment F of **Correspondence 1**). The location of former UST 545 is presented in the attached UST 545 Location Map (identified as UST 545-78). The NJDEP has indicated that a groundwater investigation is necessary (**Correspondence 2**). Therefore, collection of a groundwater sample from a temporary well will be performed at the former location of the tank to determine if a fuel oil release has impacted groundwater.

- UST 653 was a No. 2 fuel oil UST that was located at the former Building 653 residential barracks building, which was demolished in 1978. Excavations in 1994 and 1995 indicated the UST had been previously removed. A small quantity of petroleum-contaminated soil was removed, and post-excavation soil samples were collected from the excavation in 1995 (data was previously provided in Attachment X of **Correspondence 1**). The location of former UST 653 is presented in the attached UST 653 Location Map. The NJDEP has indicated a groundwater investigation is necessary (**Correspondence 2**). Therefore, collection of a groundwater sample from a temporary well will be performed at the former location of the tank to determine if a fuel oil release has impacted groundwater.

Proposed temporary wells will be sampled and analyzed as summarized in **Table 1**. Final sample locations may be adjusted in the field based on site conditions and site-specific understanding of the former locations of the USTs, with the intent of placing the boring within the former UST excavation or within 10 feet downgradient. At each sample location, a Geoprobe® boring will be completed to approximately 4 feet below the water table. Groundwater samples will be collected from the Geoprobe® boring as indicated in **Table 1** for each UST site.

Groundwater at the former UST 545 and UST 653 locations will be sampled using temporary wells within the Geoprobe® borings and then the borings will be abandoned. Each groundwater sample will be analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) plus tentatively identified compounds (TICs), which is consistent with the requirements for No. 2 fuel oil in Table 2-1 of the NJAC 7:26E Technical Requirements for Site Remediation.

We look forward to your review and approval of or comments on this submittal. The technical Point of Contact (POC) is Kent Friesen at (732) 383-7201 or by email at kent.friesen@parsons.com. Should you have any questions or require additional information, please contact me by phone at (732) 380-7064 or by email at william.r.colvin18.civ@mail.mil.

Sincerely,

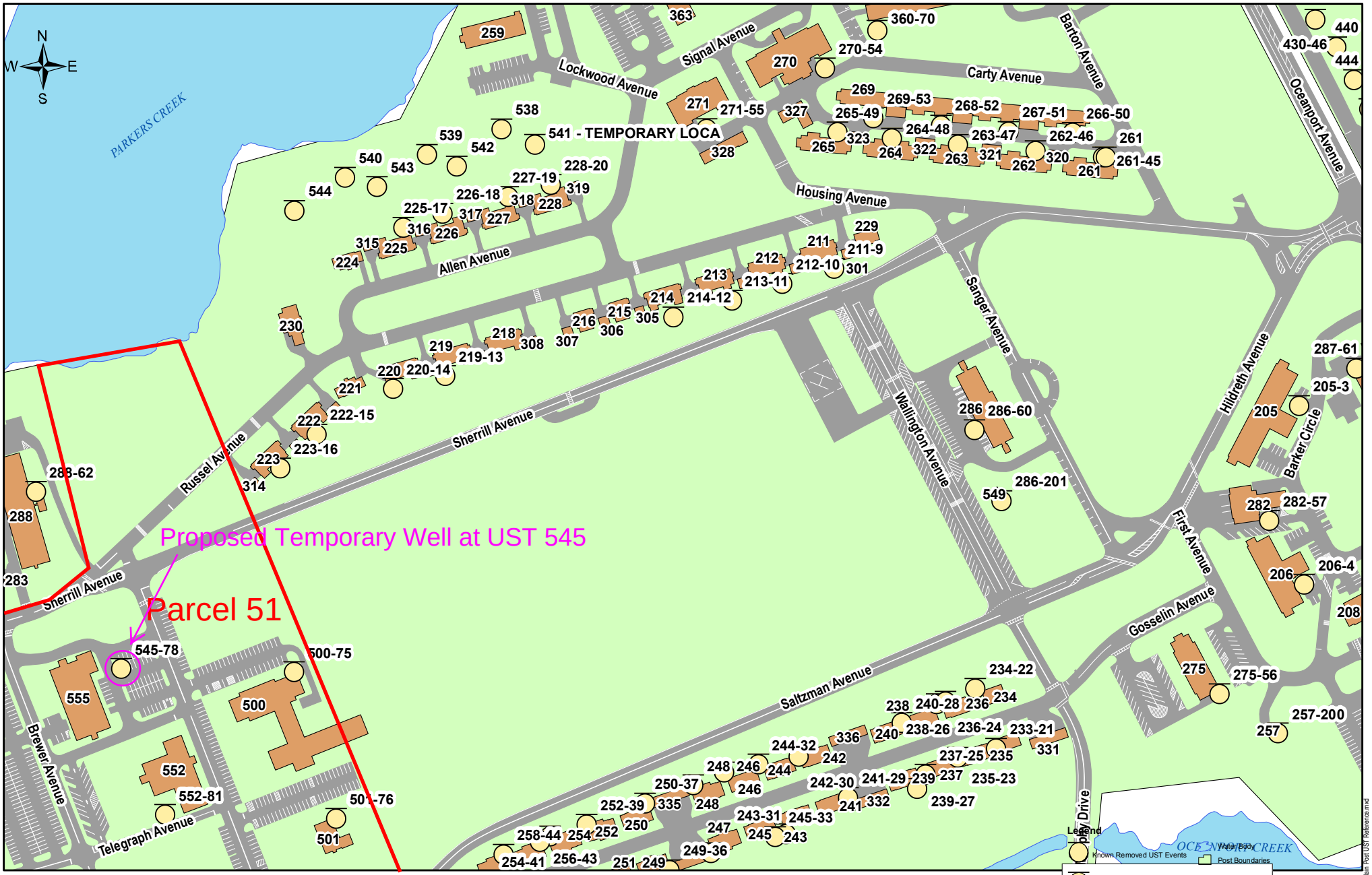
William R. Colvin, PMP, PG, CHMM
BRAC Environmental Coordinator

cc: Linda Range, NJDEP (e-mail and 3 hard copies)
Delight Balducci, HQDA ACSIM (e-mail)
Joseph Pearson, Calibre (e-mail)
James Moore, USACE (e-mail)
Jim Kelly, USACE (e-mail)
Cris Grill, Parsons (e-mail)

Figures

UST 545 Location Map

UST 653 Location Map



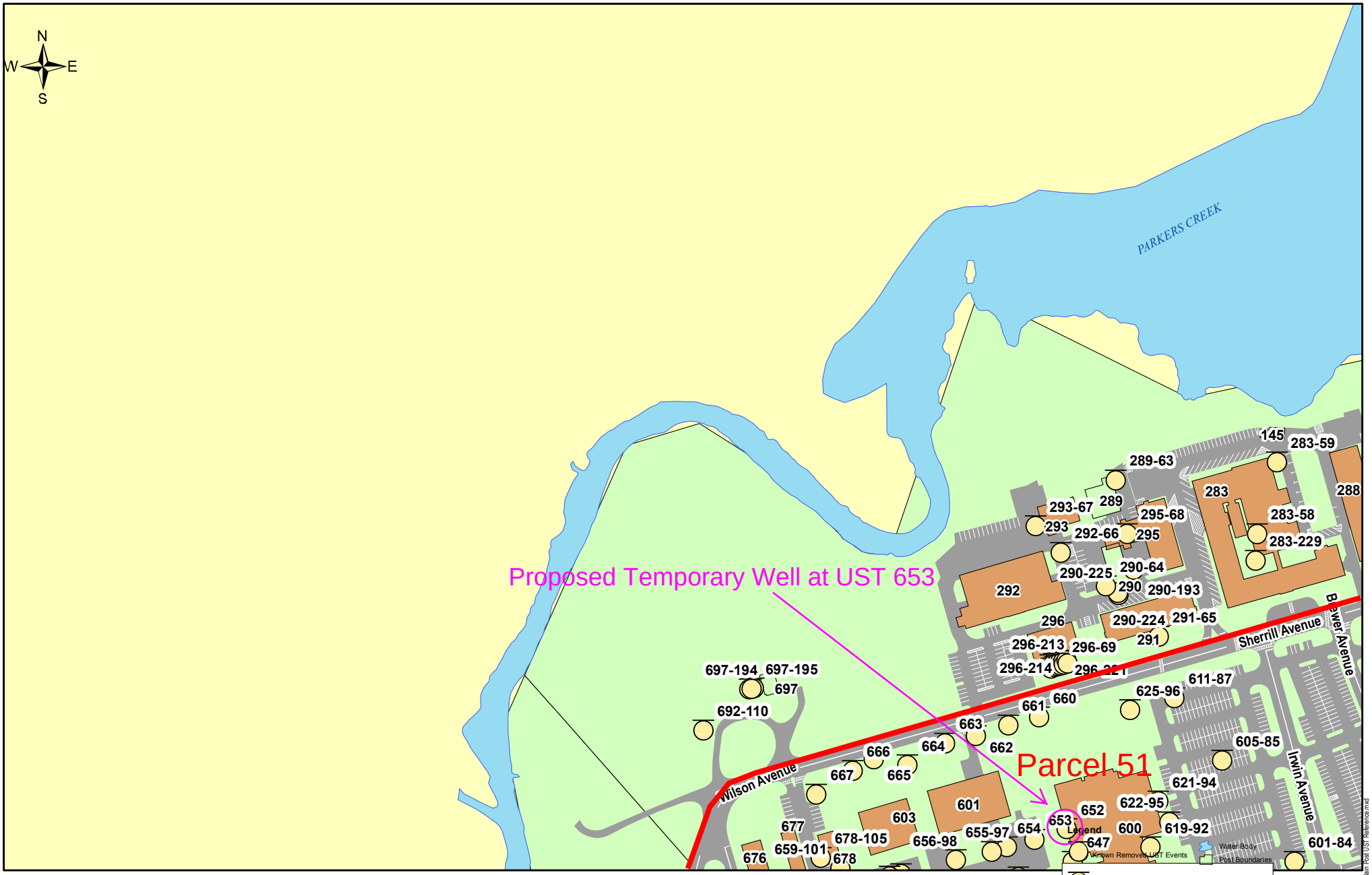
UST Removal Reference Map
Grid C2; Main Post
Fort Monmouth, New Jersey

FOUO UST 545 Location Map

0 150 300 600 Feet

Map Created by:
Fort Monmouth Installation GIO, Environmental Division
Fort Monmouth, New Jersey
Date: August 10, 2011
All drawings must be field verified.
New Jersey State Plane Feet, NAD83

August 10, 2011 H:\GIS\GIS Maps\CH2M\UST Linked PDF\Main Post UST Reference.mxd



MCFA
TEAM FORT MONMOUTH

0 150 300 600 Feet

UST Removal Reference Map
Grid B2; Main Post
Fort Monmouth, New Jersey
FOUO UST 653 Location Map

Map Created by:
Fort Monmouth Installation GIO, Environmental Division
Fort Monmouth, New Jersey
Date: August 10, 2011
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August 10, 2011 H:\GIS\GIS Maps\CHUSI Linked\PDF\Main Post UST Reference.mxd

Tables

Summary of Proposed Sampling for UST 545 and UST 653

TABLE 1
SUMMARY OF PROPOSED SAMPLING FOR UST 545 AND UST 653
FORT MONMOUTH, NEW JERSEY

Location ID	Location	Field Meter Readings [a/]	VOCs + TICs by Method 8260C [c/]	SVOCs + TICs by Method 8270C [d/]
Groundwater				
PAR-51-545-TMW-01	UST 545: 1 temporary well, 1 sample.	1 well	1	1
PAR-51-653-TMW-01	UST 653: 1 temporary well, 1 sample.	1 well	1	1
QA/QC samples (see SAP for additional details) [e/]				
Field Duplicates (5% Sampling Frequency per media)		NA	1	1
Matrix Spike (5% Sampling Frequency per media)		NA	1	1
Matrix Spike Duplicate (5% Sampling Frequency per media)		NA	1	1
Trip Blank (1 per cooler of VOCs per media)		NA	1	0
QA Split (5% per media)		NA	1	1
Equipment Blank (5% Sampling Frequency per media)		NA	1	1
	TOTAL	**NA**	**8**	**7**

Notes:

NA = not applicable.

[a/] Field meter readings include, in soil samples: photoionization detector (PID) readings along entire soil column; and in groundwater: PID headspace, pH, temperature, electrical conductivity, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity.

[c/] VOCs = volatile organic compounds; TICs = tentatively identified compounds.

[d/] SVOCs = semivolatile organic compounds; TICs = tentatively identified compounds.

[e/] QA/QC = quality assurance/quality control; SAP = Sampling and Analysis Plan. The requirement for QA/QC samples may be fulfilled with samples from other parcels.