



**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](http://www.nj.gov/dep/srp/srra/training/matrix/quick_ref/rcra_cercla_fed_facility_sites.pdf).

Document:

- "Letter Work Plan for UST 273 Dispensers, Fort Monmouth, New Jersey" (29 August 2017)

**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: Fort Monmouth BRAC Environmental Coordinator (BEC)  
 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](mailto: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:  Date: 29 August 2017  
 Name/Title: William R. Colvin, PMP, CHMM, PG  
BRAC Environmental Coordinator

Completed form should be sent to:

Mr. Ashish Joshi  
 New Jersey Department of Environmental Protection  
 Division of Remediation Management & Response  
 Bureau of Northern Field Operations  
 7 Ridgedale Avenue (2<sup>nd</sup> Floor)  
 Cedar Knolls, New Jersey 07927-1112



## 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

29 August 2017

Mr. Ashish Joshi  
New Jersey Department of Environmental Protection  
Division of Remediation Management & Response  
Northern Bureau of Field Operations  
7 Ridgedale Avenue (2<sup>nd</sup> Floor)  
Cedar Knolls, NJ 07927-1112

**SUBJECT: Letter Work Plan for UST 273 Dispensers, Fort Monmouth, New Jersey  
PI G000000032**

Dear Mr. Joshi:

The purpose of this work plan is to characterize the soil at the Underground Storage Tank (UST) 273 Dispenser Area. The New Jersey Department of Environmental Protection (NJDEP) approved a No Further Action (NFA) determination for the USTs associated with Building 273, but the NFA did not include the dispenser area (**Attachment 1**). Soil sampling is proposed to determine if a fuel release has impacted soil at the dispenser area. The results of this sampling will be presented in a letter report.

Building 273 was a former government fueling station with one 6,000-gallon diesel UST and two 10,000 gasoline USTs that were removed in June 2008. The USTs were replaced with an aboveground storage tank (AST), which utilized the same dispensers, until base closure in 2011.

Three primary Geoprobe borings will be installed for soil characterization at the UST 273 Dispenser Area as shown on **Figure 1**. Boring 273-SB-01, 273-SB-02, and 273-SB-03 will be installed adjacent to each dispenser. Two soil samples will be collected from each boring:

- An upper soil sample will be collected from approximately 2.0-2.5 ft bgs (or another interval representative of potentially contaminated vadose zone soil below the dispenser piping); and
- An intermediate sample will be collected just above the water table from approximately 6.0-6.5 ft bgs.

Soil samples from borings 273-SB-01 and 273-SB-02 will be analyzed in accordance with the requirements for unleaded gasoline in Table 2-1 of the New Jersey Administrative Code (NJAC) 7:26E *Technical Requirements for Site Remediation*. Both samples from each boring will be analyzed for volatile organic compounds (VOCs) plus tentatively identified compounds (TICs) and tertiary butyl alcohol (TBA). Soil samples from boring 273-SB-03 will be analyzed in accordance with the requirements for diesel in Table 2-1 of NJAC 7:26E; specifically, for extractable petroleum hydrocarbons (EPH). Any samples with EPH detected above 1,000 mg/kg will also be analyzed for two semivolatile organic compounds (SVOCs): naphthalene and 2-methylnaphthalene. A summary of the proposed soil sampling and analysis is presented in **Table 1**.

Ashish Joshi, NJDEP  
Letter Work Plan for UST 273 Dispensers  
29 August 2017  
Page 2 of 2

Thank you for reviewing this work plan. We look forward to your comments and approval prior to implementing this plan (currently scheduled to begin on 2 October 2017). Our technical Point of Contact is Kent Friesen who you may contact directly at (732) 383-7201; [kent.friesen@parsons.com](mailto:kent.friesen@parsons.com). I can be reached at (732) 380-7064; [william.r.colvin18.civ@mail.mil](mailto:william.r.colvin18.civ@mail.mil).

Sincerely,



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

**Attachments:**

Figure 1 – UST 273 Dispensers Area Proposed Sampling Locations

Table 1 – Summary of Proposed Sampling for UST 273 Dispenser Area

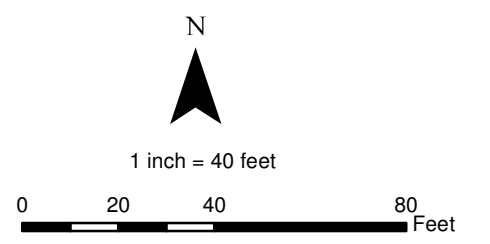
Attachment 1 - NJDEP Letter to the Army dated 13 October 2015, re: *No Further Action Request Site Investigation Report Addendum for the ECP Parcel 83 Underground Storage Tanks, Fort Monmouth, New Jersey.*

cc: Ashish Joshi (e-mail and 2 hard copies)  
William Colvin, BEC (e-mail and 1 hard copy)  
Joseph Pearson, Calibre (e-mail)  
James Moore, USACE (e-mail)  
Jim Kelly, USACE (e-mail)  
Cris Grill, Parsons (e-mail)

**Figure 1**  
**UST 273 Dispenser Area Proposed Sampling Locations**



- LEGEND:**
- ◆ Proposed Sampling Location
  - Shallow Monitoring Well
  - × Fenceline
  - Surface Water Feature
  - W Water Line
  - S Sanitary Sewer Line
  - SW Storm Sewer Line
  - G Gas Line
  - [ ] Installation Boundary
  - Existing Above Ground Storage
  - Former Underground Storage Tank
  - Generalized Groundwater Flow Direction



Source: FTMM Supplied CAD; Shaw Environmental 2008.

<b>PARSONS</b> 401 Diamond Drive NW, Huntsville AL	<b>Fort Monmouth</b> New Jersey
<b>UST 273 DISPENSERS AREA PROPOSED SAMPLING LOCATIONS</b>	
CREATED BY: <b>RR</b>	REVIEWED BY: <b>AM</b>
DATE: <b>AUG. 2017</b>	FIGURE NUMBER: <b>FIGURE 1</b>
PROJECT NUMBER: <b>748810-02130</b>	FILE: <b>FIGURE 1.mxd</b>

P:\PT\Projects\Huntsville Cont W912DY-09-D-0062\FTMM\CAD Files\GIS\USTs\UST 273\FIGURE 1.mxd

**Table 1**  
**Summary of Proposed Sampling for UST 273 Dispenser Area**

**TABLE 1  
SUMMARY OF PROPOSED SAMPLING FOR UST 273 DISPENSER AREA  
FORT MONMOUTH, NEW JERSEY**

Location ID	Location	Field Meter Readings <sup>a/</sup>	Unfractionated EPH <sup>b/</sup>	VOCs + TICs and TBA by Method 8260C <sup>c/</sup>	SVOCs + TICs by Method 8270C <sup>d/</sup>
<i>Soil</i>					
273-SB-01	See Figure 1: 1 soil boring, 2 samples.	1 boring	0	2	0
273-SB-02	See Figure 1: 1 soil boring, 2 samples.	1 boring	0	2	0
273-SB-03	See Figure 1: 1 soil boring, 2 samples.	1 boring	2	0	2
<i>QA/QC samples (see SAP for additional details) <sup>e/</sup></i>					
Field Duplicates (5% Sampling Frequency per media)		NA	1	1	1
Matrix Spike (5% Sampling Frequency per media)		NA	1	1	1
Matrix Spike Duplicate (5% Sampling Frequency per media)		NA	1	1	1
Trip Blank (1 per cooler of VOCs per media)		NA	0	1	0
QA Split (5% per media)		NA	1	1	1
Equipment Blank (5% Sampling Frequency per media)		NA	1	1	1
<b>TOTAL</b>		<b>NA</b>	<b>7</b>	<b>10</b>	<b>7</b>

**Notes:**

NA = not applicable.

<sup>a/</sup> 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.

<sup>b/</sup> EPH = extractable petroleum hydrocarbons. If any EPH concentrations in soil exceed 1000 mg/kg in any of the site samples, then the samples will also be analyzed for 2-methylnaphthalene and naphthalene.

<sup>c/</sup> VOCs = volatile organic compounds; TICs = tentatively identified compounds; TBA = tertiary butyl alcohol

<sup>d/</sup> SVOCs = naphthalene and 2-methylnaphthalene only

<sup>e/</sup> 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.

**Attachment 1**

**NJDEP Letter to the Army dated 13 October 2015, re: *No Further Action Request Site Investigation Report Addendum for the ECP Parcel 83 Underground Storage Tanks, Fort Monmouth, New Jersey.***





## State of New Jersey

CHRIS CHRISTIE  
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
Bureau of Case Management  
401 East State Street  
P.O. Box 420/Mail Code 401-05F  
Trenton, NJ 08625-0028  
Phone #: 609-633-1455  
Fax #: 609-633-1439

BOB MARTIN  
Commissioner

KIM GUADAGNO  
Lt. Governor

October 13, 2015

John Occhipinti  
BRAC Environmental Coordinator  
OACSIM – U.S. Army Fort Monmouth  
PO Box 148  
Oceanport, NJ 07757

Re: *No Further Action Request*  
*Site Investigation Report Addendum for the ECP Parcel 83 Underground Storage Tanks*  
Fort Monmouth  
Oceanport, Monmouth County  
PI G000000032

Dear Mr. Occhipinti:

The New Jersey Department of Environmental Protection (Department) has completed review of the referenced report, received August 4, 2015, prepared by Department of the Army Office of Assistant Chief of Staff for Installation Management to provide documentation of the location and status of all USTs identified within the parcel. The NJDEP comments regarding various constituents unrelated to the USTs previously noted in parcel soils are not addressed in this submittal.

Page 2 of 4 of the submittal indicates certain USTs specifically mentioned in previous NJDEP comments are not included in this submittal as there are no USTs associated with the particular buildings, specifically Buildings 66, 281 or 479. In reviewing this submittal, the UST referenced as near Building 281 appears to have been addressed via remedial activities at UST 108-7; see below for comment regarding same. USTs at (former) Buildings 66 and 479 (and 478) are shown in the 1956 Fuel Storage map, Appendix O, of the '07 ECP, as well as indicated as "high potential UHOTS" in Figure 2 of the *July 2014 UHOT Investigation Report*. Unless all tanks, former and/or current, have been evaluated in accordance with the applicable regulations and guidance documents, the NJDEP cannot comment as to the potential absence or presence of a petroleum discharge associated with those tanks.

As indicated in the submittal, numerous underground storage tanks (USTs) have previously received a designation of No Further Action (NFA) required. Based upon a review of the referenced submittal, it is also agreed NFA is necessary for the following USTs:

- UST 49-76 & UST-49-77; #01-05-24-1004-1; each 5000 g gasoline (Attachment E)
- UST 63B aka UST 63-2; 1000 g #2 fuel (Attachment F)
- UST 108A aka 108-7; 1000 g #2 fuel (Attachment I)
- UST 116B aka UST 116-9; #97-04-10-1409-35; 1000 g #2 fuel; NFAed 10/23/00; ECP Parcel 85; additional sampling performed in May 2010 indicates NFA remains appropriate (Attachment J)
- UST 117C aka UST 117-72; #84-04-28-1944-21; 1000 g #2 fuel; ECP Parcel 86 (Attachment K)
- USTs 161 – Parcel 87 (Attachment L)
  - UST 161-68; 550 g waste oil
  - UST 161-14; 1000 g #2 fuel; #93-03-12-2158-30
- UST 167-18; 1000 g #2 diesel (Attachment M)
- USTs 273 aka 009001-65,66 & 67 (Attachment N)
  - UST 273-65; 6000 g diesel
  - UST 273-66; 10,000 gasoline
  - UST 273-67; 10,000 g gasoline
  - Note – the NFA is applicable to the USTs only, not the dispenser/s, which were reported as used with the AST fuel storage system which replaced USTs 273 until subsequent AST closure in 2011
- UST 483-55; #97-03-19-1359-16; previously NFAed 10/23/00; additional sampling performed in May 2010 indicates NFA remains appropriate (Attachment P)

*UST 80 aka 80-6 aka FTMM-56 - Parcel 84 (Attachment G)*

UST 80-6 was a #2 fuel tank which was granted an NFA by the Department on August 29, 2000. Ground water contamination at FTMM-56 unrelated to #2 fuel was monitored on a quarterly basis for many years. Submittal of analytical results from the additional round of ground water sampling as per the DEP's July 3, 2014 comment letter are pending.

*USTs 108-60 through 64 aka FTMM-57 – Parcel 90*

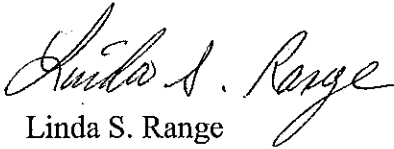
Attachment H references five USTs which were removed in April of 1993, and lists just over a page with descriptive bullets of documents reported to include remedial activities relative to these USTs, concluding that reported results support site characterization work is complete. The submittal, however, includes no results; comments regarding adequacy of characterization and recommendations as to additional action are therefore not possible at this time.

*UST 482-54 – Parcel 93*

As regarding UST 482-54 (#94-08-11-1345-43), which was NFAed in January of 2003, Attachment O appears to indicate TPH contaminated soils remain at levels of 14,100 ppm and 29,400 ppm. As indicated in the email of October 9, 2015, clarification is requested, as a designation of NFA is not appropriate for contamination at this level.

Please contact this office if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Linda S. Range".

Linda S. Range

C: Joe Pearson, Calibre  
Rick Harrison, FMERA  
Joe Fallon, FMERA  
James Moore, USACE  
Frank Barricelli, RAB