

## Friesen, Kent

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**From:** Friesen, Kent  
**Sent:** Wednesday, May 31, 2017 12:40 PM  
**To:** 'Range, Linda'  
**Cc:** william.r.colvin18.civ@mail.mil; 'Moore, James T CIV USARMY CENAN (US)'; Grill, Cris  
**Subject:** RE: FTMM: Additional UST 209 information  
**Attachments:** UST 209 additional notes.pdf

Linda – In response to our telephone conversation yesterday, please find additional information on UST 209 attached, to support our NFA request. From the various field notes, we believe that most of the closure soil samples were collected from 5.5 to 6 ft bgs due to the groundwater level at 6 ft bgs. However we believe that the 5.5 to 6 ft bgs sample depth reported in the Smith report for samples 1 and 2 was in error, because it is evident from the sample location sketches that these samples were collected from below the removed tank. Since this was a 6,000 gallon tank, we agree that the tank diameter would have likely exceeded 6 ft. The actual sample depths were not noted in the notes we've reviewed. Also, two additional figures have been found that were omitted from the Smith report that was previously submitted to NJDEP on 5/15/2017; these figures are also provided in the attachment.

Please feel free to call or e-mail with additional questions - Kent

Kent A. Friesen, P.E., P.G.

### **PARSONS**

Fort Monmouth BRAC 05 Facility  
P.O. Box 148  
Oceanport, NJ 07757  
Office: (732) 383-7201  
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**SAFETY - MAKE IT PERSONAL**



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).

Re: UST 209 Additional Notes

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](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: *William R. Colvin* Date: 05/31/2017

Name/Title: William R. Colvin / BRAC Environmental  
Coordinator

B209 UST TANK REMOVAL

UST# 0081533-07 6000gal FIBERGLASS #2 HEATING OIL

DATE 1/13/94

WEATHER PATCHY SUN, TEMPERATURE IN THE HI 30s TO LOW 40s GROUND  
FROZEN TO A DEPTH OF 8" DUE TO PAST FREEZING TEMPERATURES

PERSONNEL ON SITE D. DESAI, DPW ENVIRONMENTAL

W. COURTZ, DPW

G ROCHKOVSKY, SAI ENVIRONMENTAL

CONTRACTOR CUTE

EQUIPMENT HNU ser#270136

1015 Relieved Desai on site for a 10930 meeting at DPW

1020 Truck signed in (site in high security area) at security  
desk and truck entered inside compound Permission is  
not given at this time for photos from security.  
Permission will be gotten by D Desai at a future time

Contractor digging out pipe chase of the supply, return,  
and tank guage Excavated down to 2 5' without reaching  
gas line marked on the ground before excavatuion.

1040 Excavation down to 3' pea gravel from UST excavation

1047 Tank guage line removed

Fuel and return lines being cut 6' out from building and  
drained No release seen, lines cut and drained over  
pail, severed lines bent up and compressed air used to  
clear lines back into the tank

1100 Gas line buried tape encountered 15' North of marked  
location, approximately 2.5' down

1115 Air chiseling of concrete around fill caps begins

1135 Upon request of CUTE forman, B. Courtz called on radio.  
Gasline over tank-if tank is pulled, it will disturb the  
gasline B Courtz in Camp Evans and unable to respond

1145 Manway uncovered at about 4' down.

1150 J. Fallon arrives on site, asked about gas line problem,  
says tank should be cleaned before it is destructed in  
place

pg 2

1155 J Fallon leaves site

1157 CUTE starts removing bolts on manway using air chisel  
Air chisel freezes up  
Gas engine cut saw used to cut curfs in top of bolt heads

1211 Cutting completed, Sledge hammer and prybars in use to  
remove bolts and open hatch

1230 Manway open

1235 CUTE breaks for lunch  
Left site and signed out at security desk at B209

1445 Returned to site for scheduled sampling of hole, D.Desai  
and B.Courtz on site, told that samples will be taken  
tomorrow.

Permission from PMO for photos given by LL to D Desai  
at this time

1500 Returned to lab

B209 UST SAMPLING

UST#0081533-07          6000gal          FIBERGLASS          #2 FUEL OIL

DATE          1/14/94

WEATHER      CLOUDY, 35 degrees

PERSONNEL ON SITE:    D DESAI, DPW ENVIRONMENTAL

                                G ROCHKOVSKY, SAI ENVIRONMENTAL

CONTRACTOR:      CUTE

EQUIPMENT ON SITE    HNU ser#270136 calibrated on site

0845          Arrived on site after signing in at B209 Security desk

                                Tank already pulled from excavation, gas pipe line and  
                                location wire undamaged

                                Excavating on vent pipe beginning

                                Standing water at bottom of tank hole at 6', no  
                                contamination visible on water.

0900          HNU CALIBRATED ON SITE

0910          D DESAI on site, suggests no VOA+15 samples to be taken  
                                site is clean    No visible leaks of tank or lines.

0917          Photo session of tank and site begins

                                Mapping of area begins

                                Sampling begins

1000          Sampling completed

                                Mapping and photos continue

1015          Mapping and photos completed

                                Left site

NOTE: VENT PIPING FOLLOWS THE EAST WALL OF THE BUILDING AND THEN GOES TO THE TANK WITH A CHANGE IN DEPTH BY 2 ELBOWS AND A 1'1/2" PIPE NIPPLE TO TANK DEPTH SAMPLE 12 TAKEN AT LOWEST ELBOW

SAMPLE#	TIME	HNU READINGS(0-20)	LOCATION
1	0917	N/D	CTR /N SECTION OF HOLE
2	0918	N/D	CTR/S SECTION OF HOLE
3	0916	N/D	SE OF TANK AT BASE OF S WALL
4	0919	N/D	SW OF TANK AT BASE OF S WALL
5	0920	N/D	SW OF TANK AT BASE OF W WALL
6	0923	N/D	NW OF TANK AT BASE OF W WALL
7	0925	N/D	SW OF TANK AT BASE OF N WALL
8	0930	N/D	SE OF TANK AT BASE OF N WALL
9	0931	N/D	NE OF TANK AT BASE OF E WALL
10	0933	N/D	SE OF TANK AT BASE OF E WALL (AT SUPPLY/RETURN)
11	0935	N/D	1'OUT FROM BLDG 2.5'DWN SUPPLY PIPE CHASE
12	0937	N/D	VENT PIPE CHASE AT LOWEST ELBOW

P.O. #:

Chain of Custody

Project #:	Sampler: <i>Rodkowski</i>	Date / Time	Analysis Parameters	Start:
Customer:	Site Name: <i>B207</i>			Finish:
Phone:	UST # <i>0081533-0.7</i>			Preservation Method

Lab Sample ID Number	Date/Time	Customer Sample Location/ID Number	Sample Matrix	# of Bottles	T	P	H	C	H2O	Remarks
<i>1369.1</i>	<i>1-14 0917</i>	<i>1 Btm North</i>	<i>Soil</i>	<i>1</i>	<i>X</i>				<i>NID</i>	<i>0-20</i>
<i>.2</i>	<i>0918</i>	<i>2 Btm South</i>		<i>1</i>	<i>X</i>				<i>NID</i>	
<i>.3</i>	<i>0918</i>	<i>3 South End East</i>		<i>1</i>	<i>X</i>				<i>NID</i>	
<i>.4</i>	<i>0919</i>	<i>4 South End West</i>		<i>1</i>	<i>X</i>				<i>NID</i>	
<i>.5</i>	<i>0920</i>	<i>5 West Side South</i>		<i>1</i>	<i>X</i>				<i>NID</i>	
<i>.6</i>	<i>0923</i>	<i>6 West Side North</i>		<i>1</i>	<i>X</i>				<i>NID</i>	
<i>7</i>	<i>0925</i>	<i>7 North end West</i>		<i>1</i>	<i>X</i>				<i>NID</i>	
<i>.8</i>	<i>0930</i>	<i>8 North end East</i>		<i>1</i>	<i>X</i>				<i>NID</i>	
<i>.9</i>	<i>0931</i>	<i>9 East Side South</i>		<i>1</i>	<i>X</i>				<i>NID</i>	
<i>.10</i>	<i>0933</i>	<i>10 East Side North</i>		<i>1</i>	<i>X</i>				<i>NID</i>	
<i>.11</i>	<i>0935</i>	<i>11 - Supply line - West of Bldg</i>		<i>1</i>	<i>X</i>				<i>NID</i>	

Relinquished By (signature)	Date / Time	Received By (signature)	Shipped By:
<i>[Signature]</i>		<i>[Signature]</i>	

Relinquished By (signature)	Date / Time	Received for Lab by (signature):	Date / Time
<i>Rodkowski</i>	<i>1-14 10:15</i>	<i>[Signature]</i>	<i>1-14-91 10:15</i>

Note: A drawing depicting sample location should be attached or drawn on the reverse side of this chain of custody.



An E SYSTEMS Company

P.O. #:

Chain of Custody

Project #:		Sampler: <i>Rockowsky</i>		Date / Time: <i>1-14-94</i>		Analysis Parameters				Start:	
Customer:		Site Name: <i>Z09</i>				<div style="display: flex; justify-content: space-around;"> <span style="writing-mode: vertical-rl; transform: rotate(180deg);">C</span> <span style="writing-mode: vertical-rl; transform: rotate(180deg);">T</span> <span style="writing-mode: vertical-rl; transform: rotate(180deg);">P</span> <span style="writing-mode: vertical-rl; transform: rotate(180deg);">H</span> </div>				Finish:	
Phone:		<i>UST #0081533-7</i>								Preservation Method: <i>0-20</i>	
Lab Sample ID Number	Date / Time	Customer Sample Location / ID Number	Sample Matrix	# of Bottles							
<i>1369.12</i>	<i>1-14 0937</i>	<i>5 1/2 Lower Elbow/west</i>	<i>Soil</i>	<i>1</i>	<i>X</i>						
Relinquished By (signature):		Date / Time:		Received By (signature):		Shipped By:					
<i>Rockowsky</i>		<i>1-14 10:5</i>		<i>David J. Hilliard</i>		<i>1/14/94 10:15</i>					
Note: A drawing depicting sample location should be attached or drawn on the reverse side of this chain of custody.											



Report of Analysis  
 U S Army, Fort Monmouth Environmental Laboratory  
 NJDEPE Certification # 13461

Client. U S. Army  
 DEH, SELFM-EH-EV  
 Bldg 167  
 Ft Monmouth, NJ 07703

Lab ID #. 1369.1- 12  
 Sample Rec'd. 01/14/94  
 Analysis Start. 01/14/94  
 Analysis Comp 01/14/94

Analysis: 418 1 (TPH)  
 Matrix Soil  
 Analyst S. Hubbard  
 Ext. Meth Sonc

NJDEPE UST Reg #: 81533-07  
 TMS #:  
 NJDEPE Case #.  
 Location # 209

Lab ID	Description	%Solid	Result (mg/Kg)	MDL
1369 1	Bottom North hNu=ND	88	13 9	3.3
1369.2	Bottom South hNu=ND	86	ND	3.3
1369 3	South end East hNu=ND	86	ND	3 3
1369 4	South end West hNu=ND	85	ND	3.3
1369 5	West Side South hNu=ND	88	ND	3.3
1369 6	West Side North hNu=ND	87	23.5	3.3
1369.7	North end West hNu=ND	84	ND	3 3
1369 8	North end East hNu=ND	91	ND	3.3
1369.9	East side South hNu=ND	89	ND	3 3
1369 10	East side North hNU=ND	88	10 9	3 3
1369 11	Supply 1' off Bldg. hNu=ND	90	39 3	3 3
1369.12	Lower eblow.vent hNu=ND	87	ND	3 3
M Bl.	Method Blank	100	ND	3.3

Notes: ND = Not Detected, MDL = Method Detection Limit  
 \* = Silica Gel Added

1369.1 Dup =112% 1369.1 Spike= 94%, 1369 1 Spike Dup = 88%, RPD=4%



Brian K. McKee  
 Laboratory Director

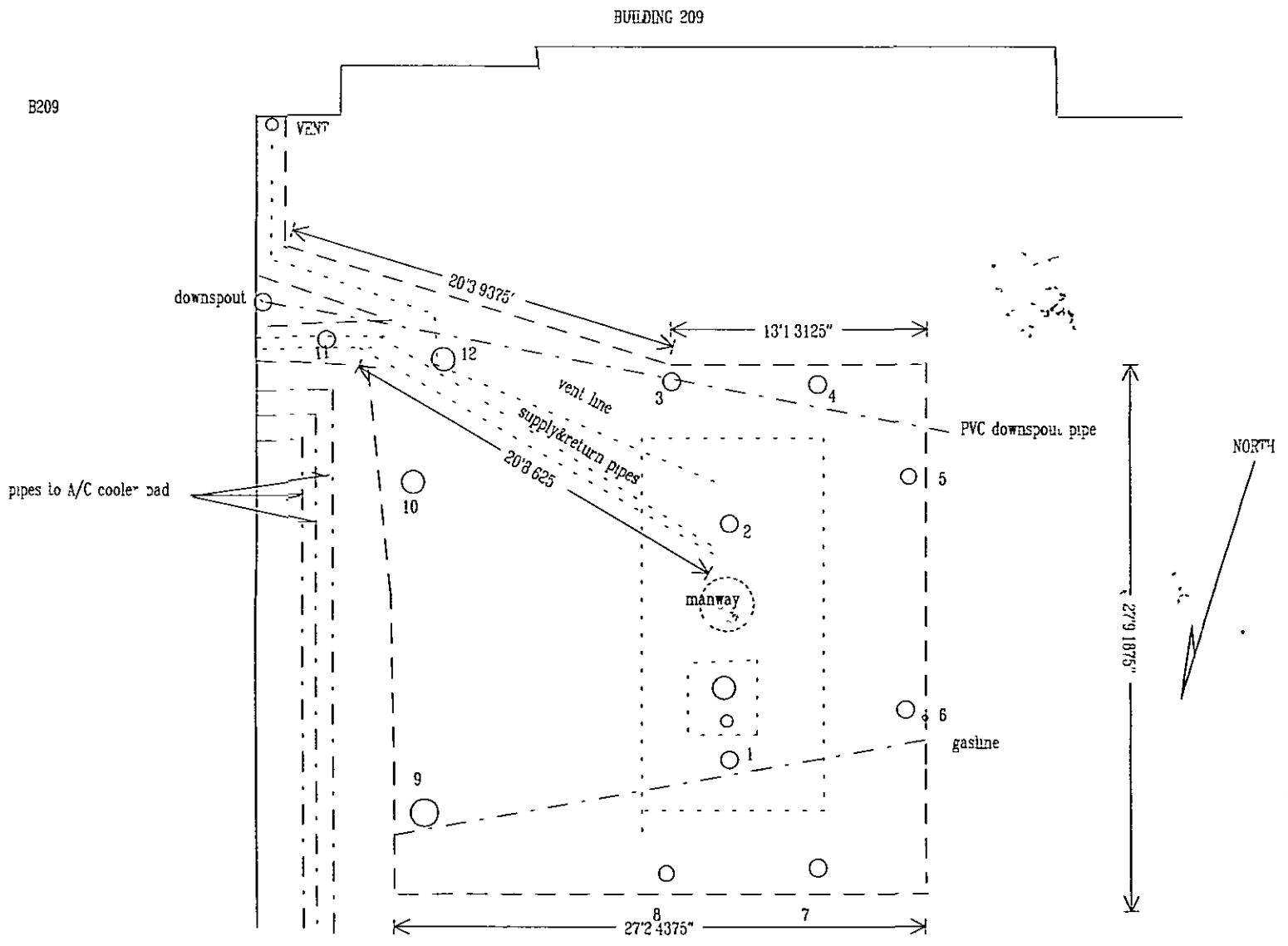
B209



N

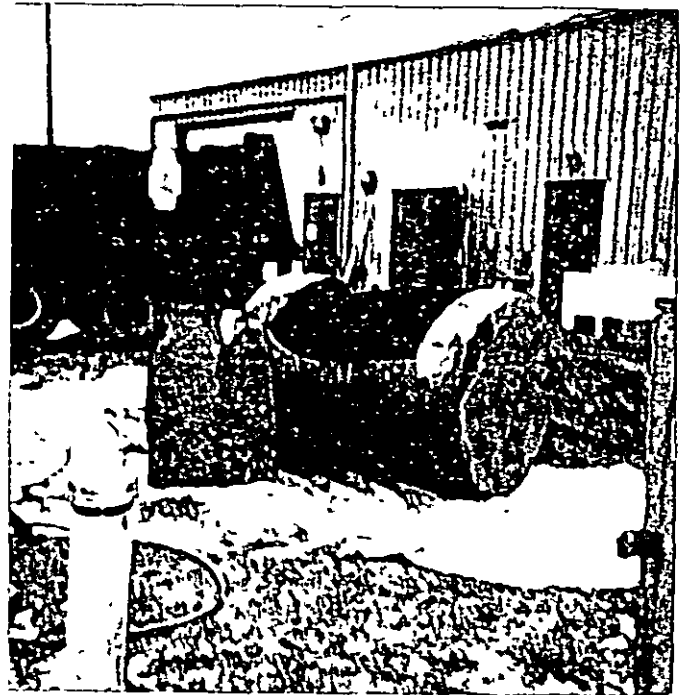
BUILDING 209 UST REMOVAL

1/13 - 1/14/94 6000gal UST # 0081533-07 FRP #2 FUEL OIL





B210 550gal #2 fuel oil  
UST # 0081533-8  
1/14/94 1406  
Rochinsky



B210 550gal #2 fuel oil  
UST # 0081533-8  
1/14/94 1402  
Rochinsky



B210 550gal #2 fuel oil  
UST # 0081533-8  
1/14/94 1401  
Rochinsky

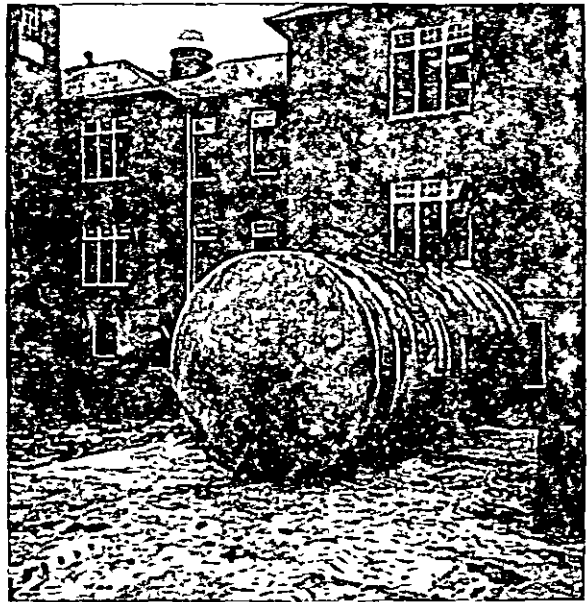


B210 550 gal #2 Fuel oil  
UST # 0081533-8  
1/14/92 1403 Rochinsky



B209 UST# 0081533-07 6K #2  
1-14-94 0955

Rockwood



B209 UST# 0081533-07 6000 gal  
1-14-94 0958 #2 Heat

Rockwood



B209 UST# 0081533-07 6K #2  
1-14-94 0953

Rockwood



B209 UST# 0081533-07 6K #2 Heat  
1-14-94 0959 01)

Rockwood

**United States Army**  
Fort Monmouth, New Jersey

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**Underground Storage Tank  
Closure and Site Investigation  
Report**

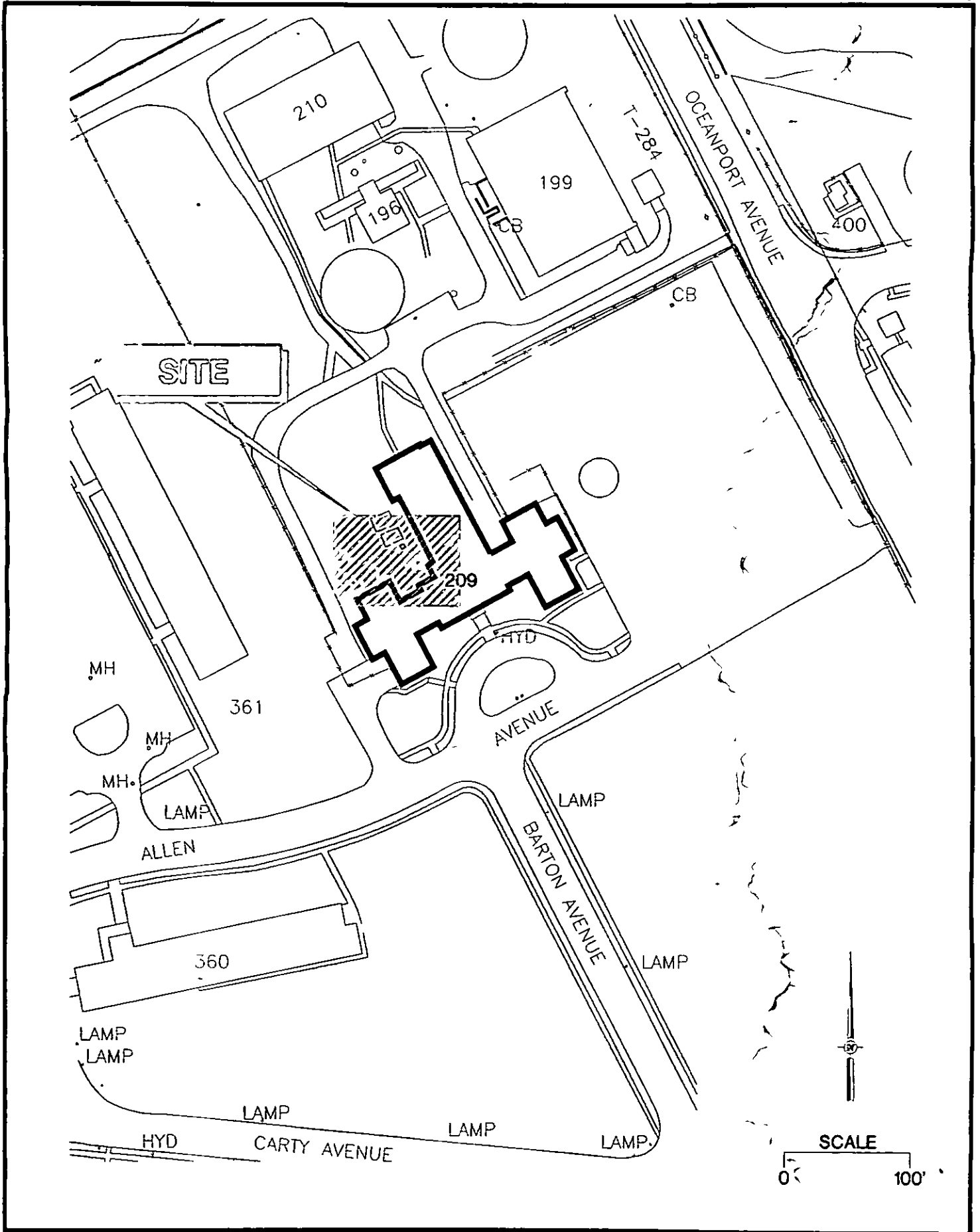
***Building 209  
Main Post Area***

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**NJDEP UST Registration No. 081533-7  
NJDEP Closure Approval No. C-93-2611**

July 1995

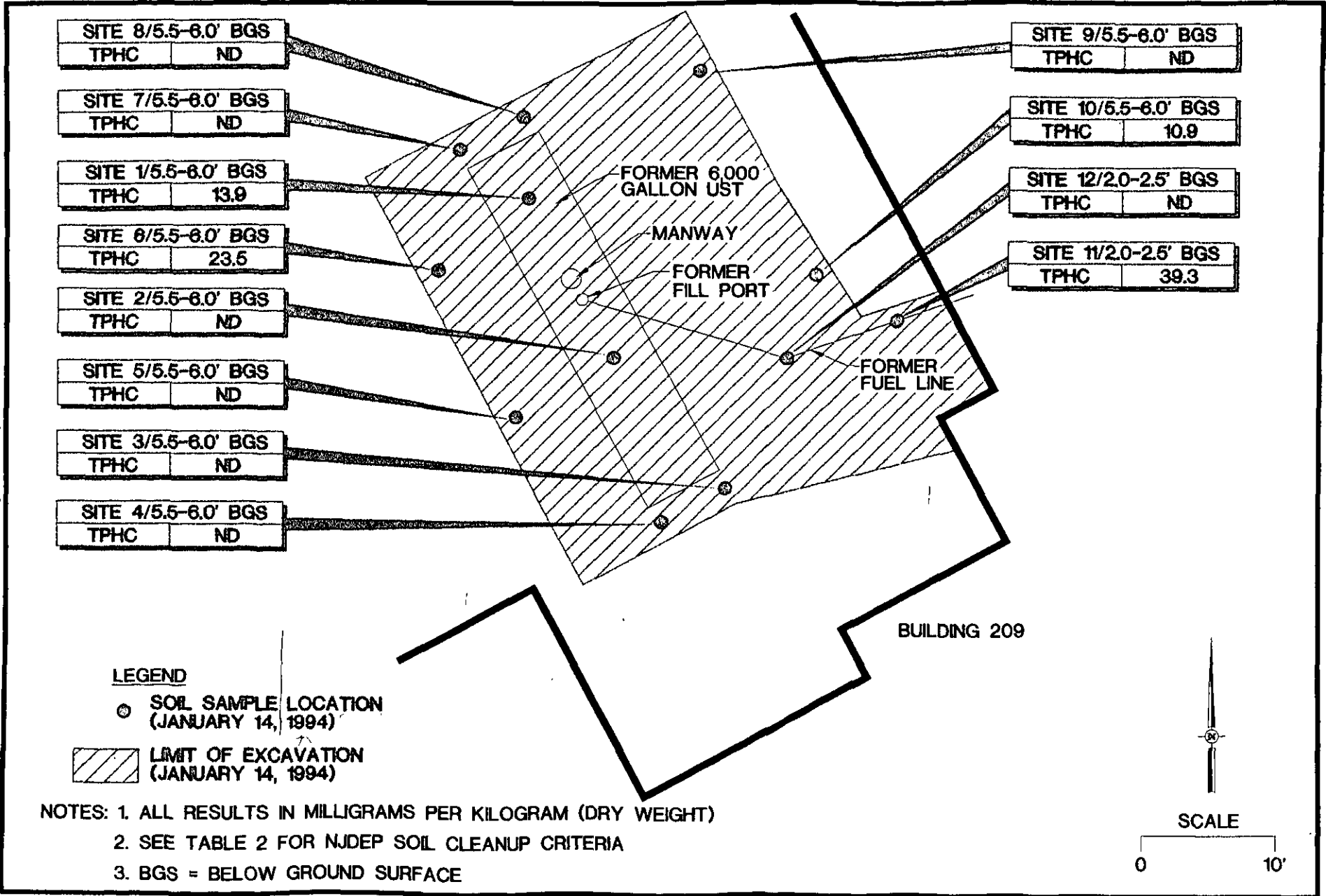
  
ENVIRONMENTAL TECHNOLOGIES CORPORATION



Submitted by: [illegible] Control Division

Figure 2  
**Building 209**  
**Site Map**

Source: BCM/Smith Environmental Technologies Corporation (010)



Project No. 09-5004-01

Figure 3  
**Building 209**  
**Soil Sampling Results**