

UST CLOSURE REPORT

**FLOYD BENNETT FIELD
BROOKLYN, NEW YORK
GATEWAY NATIONAL RECREATION AREA
CONTRACT NUMBER: 94-C-0037
REMOVAL OF USTS, TRANSFORMERS, & MISCELLANEOUS**

PRESENTED TO:

**USACE
1900 HEMPSTEAD TURNPIKE
SUITE 316
EAST MEADOW, NEW YORK 11554**

BY:

**CLEANING UP THE ENVIRONMENT
103 GODWIN AVENUE P.O. BOX 237
MIDLAND PARK, NEW JERSEY 07423**

ON BEHALF OF TRI-GEM'S BUILDERS

DATE: 15 DEC 1996

REVISED 17 MAR 1997

SIGNED: *Chris D. Elliott* **DATE:** 17 / MAR / 1997

CHRIS D. ELLIOTT, CONTRACTOR'S QUALITY CONTROL REPRESENTATIVE

200.1e

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UST CLOSURE REPORT

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CHRONOLOGY OF EVENTS

28 MAR 1995

Cleared access to and cut openings in two (2) 105,000 gallon oil storage tanks (ASTs 86N and 86S). Cleared access to two (2) 245,000 gallon jet fuel storage tanks (ASTs JP1 and JP2). Removed manways from floating roofs in JP1 and JP2.

29 MAR 1995

Cut access holes into floating roof compartments of JP1 and JP2. Shipped off 11,000 gallons of waste water from JP2 on FCI bills of lading number 72942 and 82524. Commenced search for locations of USTs in trailer park area.

30 MAR 1995

Shipped off 10,305 gallons of waste water from JP1 on FCI bills of lading numbers 82415 and 82516 and 4,998 gallons of waste water from JP2 on FCI bill of lading number 61184. Removed and cleaned internal steam coils from AST 86N. Sampled sludge from ASTs 86N and 86S.

31 MAR 1995

Cleaned AST 86N. Drummed sludge for future disposal. Shipped off load of scrap (steam coils).

03 APR 1995

Continued search for locations of USTs in trailer park area.

04 APR 1995

Removed and cleaned steam coils from AST 86S and shipped to recycler. Cleaned AST 86S. Drummed sludge for disposal. Constructed drum storage area.

05 APR 1995

Placed all waste drums in drum storage area. Drum storage area bermed and fenced.

06 APR 1995

Shipped of contents of 1,000 gallon AST in Building 86, twenty one (21) 275 gallon USTs in trailer park area, 550 gallon UST at Hangar 5, two (2) 275 gallon USTs at the NOAA site, and UST at Building 265. A total of 4,529 gallons were shipped on manifest NJA1907213.

07 APR 1995

Removed, cleaned, and demolished trailer park USTs 11, 12, and 15. Located trailer park UST 16. Removed, cleaned and demolished NOAA area USTs 1 and 2 and Building 86 AST.

10 APR 1995

Removed, cleaned and demolished trailer park USTs 18, 21, 23, 29, 30, and 32. Removed remote fill line, 60 feet long from TP21, and remote fill line, 95 feet long from TP29. Excavated one Mack tandem load of contaminated soil from TP 22, and transferred to stockpile area.

11 APR 1995

Removed, cleaned and demolished trailer park USTs 7, 13, 33, 34 and 35. Delayed four hours by break of $\frac{3}{4}$ " residential water line. Repaired same.

12 APR 1995

Commenced dismantling and removal of AST 86N.

13 APR 1995

Completed dismantling and removal of ASTs 86N and 86s. Removed, cleaned and demolished trailer park USTs 2, 5, 6, and 13.

17 APR 1995

Completed dismantling and removal of AST JP2.

18 APR 1995

Completed dismantling and removal of AST JP1.

19 APR 1995

Loaded all remaining steel from ASTs 86N, 86S, JP1, and JP2 and shipped to recycler. Located, removed, cleaned and demolished 5,000 gallon UST from Building 86.

20 APR 1995

Drained and removed remaining piping from areas of ASTs 86N, 86S, JP1, and JP2. Located UST at Building 102. Shipped off scrap steel from USTs to recycler.

02 JUN 1995

Transferred contents of waste sludge drums to "vactainer."

13 JUN 1995

Shipped off load of scrap steel from USTs to recycler.

19 JUN 1995

Commenced concrete breaking and removal of vault containing three (3) 25,000 gallon USTs at Building 96.

20 JUN 1995

Continued demolition of concrete vault. Commenced cleaning of USTs at Building 96.

21 JUN 1995

Completed cleaning of USTs at Building 96. Removed contents of drums in POL area and one drum containing sludge in Building 86. Total of 741 gallons on manifest NJA1907224. Removed sludge from USTs into "vactainer."

22 JUN 1995

Removed three (3) 25,000 gallon USTs at Building 96, 1,000 gallon UST at Building 273/274, 1,000 gallon UST at Building 102, and trailer park USTs 16 and 17.

23 JUN 1995

Removed five Mack tandem loads of contaminated soil from Building 96 to stockpile area. Excavated and removed 90 feet of remote line at Building 102 UST. Cleaned and demolished USTs from Buildings 102, and 273/274, and UST's TP16 and TP17.

26 JUN 1995

Completed cleaning and demolition of Building 96 USTs. Removed one Mack tandem load of contaminated soil from Building 273/274 UST excavation and placed in stockpile.

27 JUN 1995

Removed and demolished sand mats from area of Building 96 USTs. Cleaned and demolished drums from POL area and Building 86. Shipped out load of scrap steel to recycler.

09 AUG 1995

Pumped and shipped out 3900 gallons of waste gasoline on manifest NJA1907229. Removed three (3) 5,000 gallon USTs from Ranger Road Gas Station.

10 AUG 1995

Cleaned and demolished USTs from Ranger Road Gas Station. Removed three Mack tandem loads of contaminated soil from Gas Station excavation and transported to stockpile.

11 AUG 1995

Removed, cleaned and demolished two (2) 3,000 gallon gasoline USTs from POL area. Placed sludge from USTs into "vactainer."

14 AUG 1995

Shipped out 4,080 gallons of sludge in "vactainer" on manifest NJA1907228. Shipped out load of scrap steel to recycler. Removed 550 gallon UST at Hangar 5. Located four (4) 5,000 gallon gasoline USTs at Building 176.

15 AUG 1995

Cleaned and demolished Building 265 UST. Uncovered 10,000 gallon and 1,000 gallon USTs at Hangar 7.

16 AUG 1995

Shipped off site 8,306 gallons of tank contents from USTs at Hangar 7 and Building 88. Removed 10,000 and 1,000 gallon USTs from Hangar 7. Located unknown UST at Hangar 7. Removed four Mack tandem loads of contaminated soil from excavation at Hangar 7 and transported to stockpile.

17 AUG 1995

Cleaned and demolished 1,000 gallon UST from Hangar 7. Removed 2,500 gallon UST from Building 88. Removed four Mack tandem loads of contaminated soil from excavation at Building 88.

18 AUG 1995

Cleaned and demolished Building 88 UST. Commenced cleaning and demolition of 10,000 gallon UST from Hangar 7.

21 AUG 1995

Shipped off site 5,480 gallons of tank contents from USTs at Buildings 265 and 176 on manifest NJA1603219. Removed, cleaned, and demolished 275 gallon UST from Building 265. Sealed connections to oil/water separator at Building 265 so as to make flow through.

22 AUG 1995

Uncovered two (2) 5,000 gallon USTs and concrete encasement at Building 26.

23 AUG 1995

Shipped off site 10,237 gallons of tank contents from USTs at Buildings 26 and 176 on manifests NJA1969041 and NJA1969042. Shipped off load of scrap steel to recycler. Removed one (1) 5,000 gallon UST from Building 26.

24 AUG 1995

Shipped off site 8,551 gallons of tank contents from USTs at Building 176 on manifests NJA1907235 and NJA1909043. Removed (1) 5,000 gallon UST from Building 26. Cleaned and demolished both USTs from Building 26. Removed pipe run from 5,000 gallon UST at Building 86 and removed and stockpiled four Mack tandem loads from pipe run area.

01 SEP 1995

Prepared areas for asphalt at Hangar 7 and Hangar 5 UST excavation.

05 SEP 1995

Installed asphalt paving at Hangar 7 and Hangar 5 UST excavation areas.

06 SEP 1995

Prepared drums in Building 86 for shipment. Disconnected switch gear from wall in Building 88.

11 SEP 1995

Began removal of underground piping at Building 86 ASTs. Discovered asbestos containing material around piping.

12 SEP 1995

Drained and containerized oil from switch gear, transformer, and voltage regulator in Building 88. Prepared area at Building 26 excavation for asphalt pavement.

13 SEP 1995

Installed base coat pavement at Building 26 excavation.

14 SEP 1995

Completed demolition of excavated tanks.

15 SEP 1995

Installed top coat pavement at Hangars 5 and 7 excavations.

04 DEC 1995

Commenced demolition of concrete vaults at Building 176 USTs.

05 DEC 1995

Continued demolition of concrete vault. Removed one (1) 5,000 gallon UST from Building 176.

06 DEC 1995

Continued demolition of concrete vault. Removed two (2) 5,000 gallon USTs from Building 176.

07 DEC 1995

Completed demolition of concrete vault. Removed one (1) 5,000 gallon UST from Building 176.

13 DEC 1995

Removed additional UST at Hangar 7 (approximately 500 gallon capacity). Commenced cleaning and demolition of Building 176 USTs.

15 DEC 1995

Removed two (2) 100 gallon USTs from POL area. Continued cleaning and demolition of USTs.

18 DEC 1995

Completed cleaning and demolition of excavated USTs.

28 DEC 1995

Shipped off transformer, voltage regulator, switch gear and associated fluid on manifest NYB7406397. Located, removed, cleaned and demolished 275 gallon UST in NOAA area.

Excavated and stockpiled one Mack tandem load of contaminated soil from easternmost 100 gallon POL area UST.

29 DEC 1995

Uncovered and cleared debris from area of Building 96 vault.

04 JAN 1996

Commenced removal of piping from Building 96 vault.
Commenced demolition of vault.

05 JAN 1996

Continued removal and cleaning of piping from Building 96 vault. Continued demolition of vault.

17 JAN 1996

Continued demolition of vault at Building 96. Excavated and transferred to stockpile area two Mack tandem loads of contaminated soil from vault area.

18 JAN 1996

Completed removal and cleaning of piping from Building 96 vault. Completed demolition of vault.

31 JAN 1996

Shipped off six drums of tank contents, six drums of tank sludge, and three drums of water softener from Building 86 on manifest NJA2290909.

LIST OF UNDERGROUND STORAGE TANKS

<u>UST No.</u>	<u>Location</u>	<u>Capacity</u>	<u>Product</u>
TP2	Trailer Park	275 Gal.	#2 Oil
TP5	Trailer Park	275 Gal.	#2 Oil
TP6	Trailer Park	275 Gal.	#2 Oil
TP7	Trailer Park	275 Gal.	#2 Oil
TP9	Trailer Park	275 Gal.	#2 Oil
TP11	Trailer Park	275 Gal.	#2 Oil
TP12	Trailer Park	275 Gal.	#2 Oil
TP13	Trailer Park	275 Gal.	#2 Oil
TP15	Trailer Park	275 Gal.	#2 Oil
TP16	Trailer Park	275 Gal.	#2 Oil
TP17	Trailer Park	275 Gal.	#2 Oil
TP18	Trailer Park	275 Gal.	#2 Oil
TP21	Trailer Park	275 Gal.	#2 Oil
TP22	Trailer Park	275 Gal.	#2 Oil
TP23	Trailer Park	275 Gal.	#2 Oil
TP29	Trailer Park	275 Gal.	#2 Oil
TP30	Trailer Park	275 Gal.	#2 Oil
TP32	Trailer Park	275 Gal.	#2 Oil
TP33	Trailer Park	275 Gal.	#2 Oil
TP34	Trailer Park	275 Gal.	#2 Oil
TP35	Trailer Park	275 Gal.	#2 Oil
NOA1	NOAA Area	275 Gal.	Gasoline
NOA2	NOAA Area	275 Gal.	Gasoline
NOA3	NOAA Area	275 Gal.	#2 Oil
POL-1	POL Area	100 Gal.	Run-off
POL-2	POL Area	100 Gal.	Run-off
POL-3	POL Area	3,000 Gal.	Gasoline
POL-4	POL Area	3,000 Gal.	Gasoline
GS1	Ranger Rd. Sta.	5,000 Gal.	Gasoline
GS2	Ranger Rd. Sta.	5,000 Gal.	Gasoline
GS3	Ranger Rd. Sta.	5,000 Gal.	Gasoline
H5	Hangar 5	550 Gal.	#2 Oil
H7-1	Hangar 7	10,000 Gal.	#2 Oil
H7-2	Hangar 7	1,000 Gal.	#2 Oil
H7-3	Hangar 7	500 Gal.	#2 Oil
26-1	Building 26	5,000 Gal.	Gasoline
26-2	Building 26	5,000 Gal.	Gasoline
86	Building 86	5,000 Gal.	Diesel
88	Building 88	2,500 Gal.	Diesel

List of Underground Storage Tanks (cont'd)

<u>UST No.</u>	<u>Location</u>	<u>Capacity</u>	<u>Product</u>
96-1	Building 96	25,000 Gal.	# Oil
96-2	Building 96	25,000 Gal.	# Oil
96-3	Building 96	25,000 Gal.	# Oil
102	Building 102	1,050 Gal.	Gasoline
176-1	Building 176	5,000 Gal.	Gasoline
176-2	Building 176	5,000 Gal.	Gasoline
176-3	Building 176	5,000 Gal.	Gasoline
265	Building 265	275 Gal.	Waste Oil
273	Buildings 273/274	1,000 Gal.	#2 Oil

UST CLOSURE REPORT

**USACE CONTRACT #94-C-0037
REMOVAL OF STORAGE TANKS, TRANSFORMERS &
MISCELLANEOUS, VARIOUS LOCATIONS, NEW YORK**

**SITE LOCATION: TRAILER PARK GROUNDS,
FLOYD BENNETT FIELD, BROOKLYN, NEW YORK**

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP02

PAGE 1 OF 3

Contract Number: DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP02 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 125 Date Removed: 13 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

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Trailer Park Grounds, Floyd Bennett Field, New York, UST #2 (TP02)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

- 3. Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
- 5. Soil samples; locations; results:***

*** See soil sample location map included with Field Log, immediately after page (3) of this report.**

- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

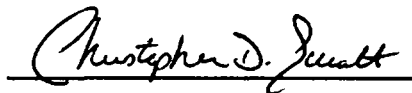
- 1. Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #2 (TP02)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.
Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:**

Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey

Date Report Prepared: 03 JUL 1995

UST TP02

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP02-001	TP02-002	TP02-03	TP02-04	TP02-05	
SAMPLE DATE	4/13/95	4/13/95	4/13/95	4/13/95	4/13/95	
TIME OF COLLECTION	1350	1351	1352	1353	1354	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'6"	4'	4'	3'6"	4'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Cloudy, 55 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE

6/23/95

DATE

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #02 (TP02)

Field Sample No.:	TP02-001	TP02-002	TP02-003	TP02-004	TP02-005
Date:	4/13/95	4/13/95	4/13/95	4/13/95	4/13/95
Depth (Ft.):	4.5'	4.0'	4.0'	3.5'	4.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

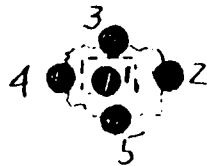
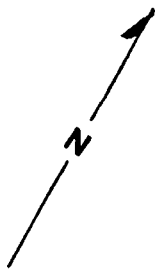
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	1.1	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

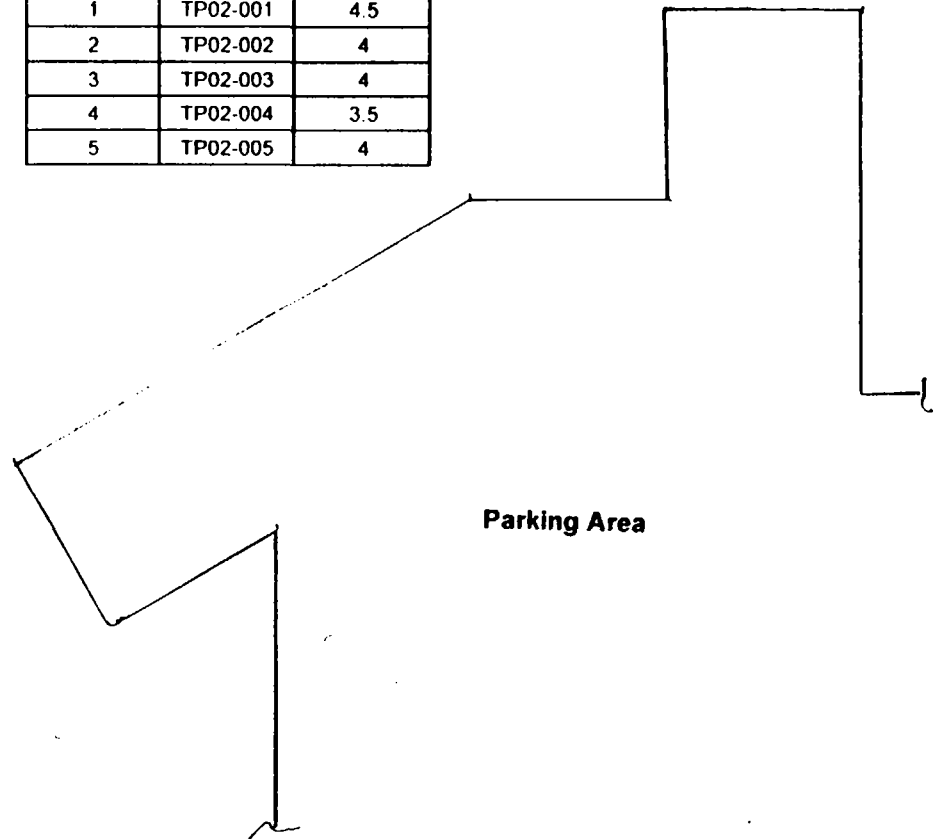
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	U	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	81 J	U	U	U
Pyrene	1000	U	120 J	U	U	U
Benzo(a)anthracene	.04*	U	66 J	U	U	U
Chrysene	.04*	U	130 J	U	U	U
Benzo(b)fluoranthene	.04*	U	280 J	U	50 J	U
Benzo(k)fluoranthene	.04*	U	150 J	U	46 J	U
Benzo(a)pyrene	.04*	U	160 J	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	140 J	U	U	U
Dibenz(a,h)anthracene	1000	U	70 J	U	U	U
Benzo(g,h,i)perylene	.04*	U	120 J	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.



Samp #	Field ID #	Depth (ft)
1	TP02-001	4.5
2	TP02-002	4
3	TP02-003	4
4	TP02-004	3.5
5	TP02-005	4



Scale: 1" = 20'

DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP2

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP05

PAGE 1 OF 3

Contract Number: DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP05 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 13 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #5 (TP05)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

- 3. Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
- 5. Soil samples; locations; results:***

*** See soil sample location map included with Field Log, immediately after page (3) of this report.**

- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Chris D. Elliott.**

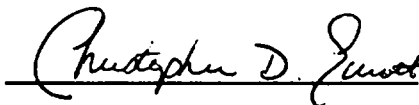
UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #5 (TP05)

2. **Laboratory methods used for determination of soil contamination** - EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal** - None.
4. **Method of disposal** - N/A.

Disposal facility - N/A.
5. **Fill source** - No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill** - Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

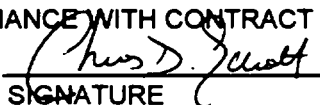
CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 03 JUL 1995

UST TP05

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP05-001	TP05-002	TP05-003	TP05-004	TP05-005	
SAMPLE DATE	4/13/95	4/13/95	4/13/95	4/13/95	4/13/95	
TIME OF COLLECTION	1420	1421	1422	1423	1424	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'6"	4'	4'	4'	4'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Cloudy, 55 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME		SIGNATURE			DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #05 (TP05)

Field Sample No.:	TP05-001	TP05-002	TP05-003	TP05-004	TP05-005
Date:	4/13/95	4/13/95	4/13/95	4/13/95	4/13/95
Depth (Ft.):	5.0'	4.0'	4.0'	4.0'	4.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	.97	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	1.7	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

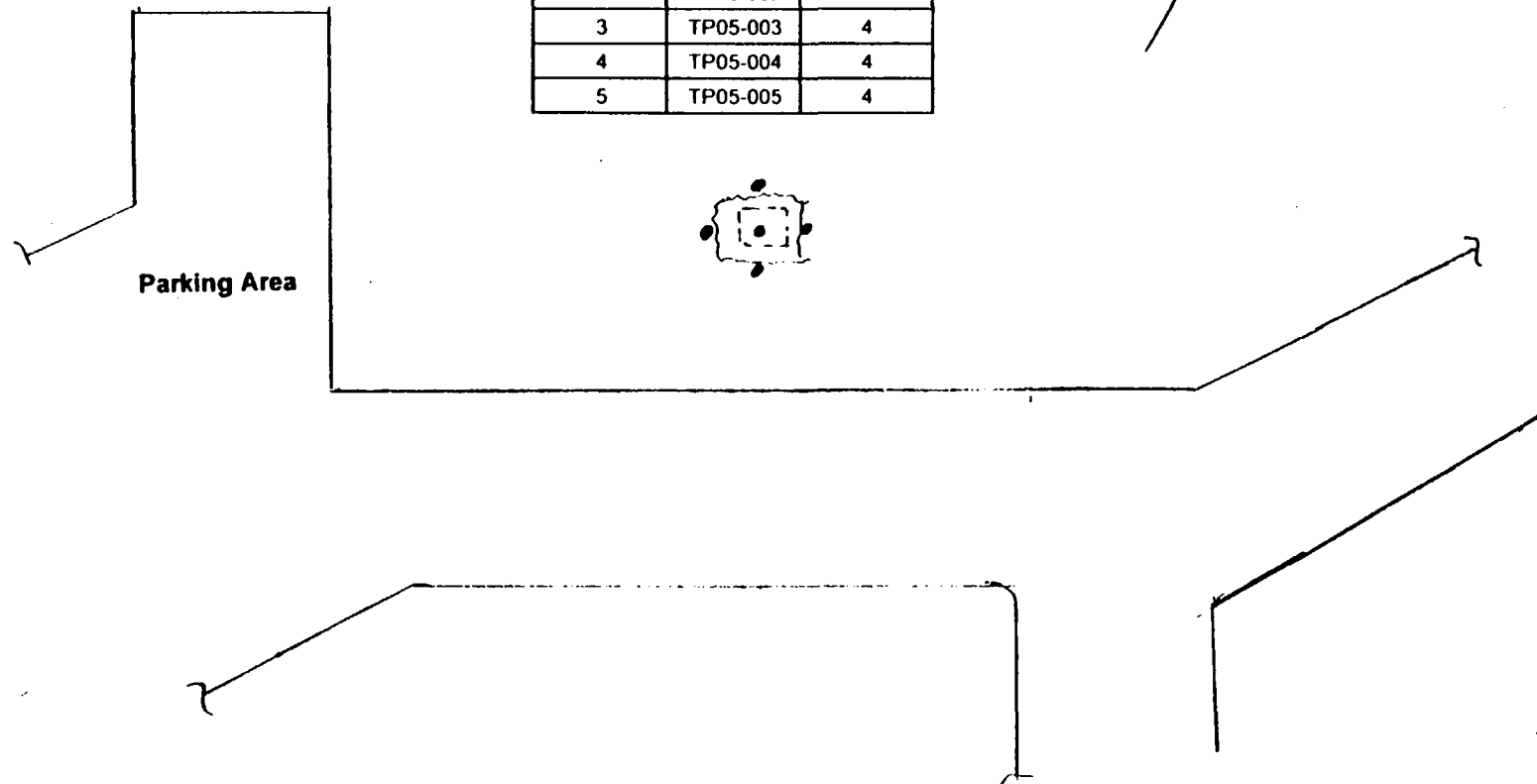
Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	77 J	39 J	55 J	82 J	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	76 J	95 J	76 J	140 J	U
Pyrene	1000	56 J	77 J	65 J	120 J	U
Benzo(a)anthracene	.04*	U	46 J	U	57 J	U
Chrysene	.04*	U	50 J	U	63 J	U
Benzo(b)fluoranthene	.04*	U	51 J	U	64 J	U
Benzo(k)fluoranthene	.04*	U	38 J	U	41 J	U
Benzo(a)pyrene	.04*	U	48 J	U	53 J	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

Samp #	Field ID #	Depth (ft)
1	TP05-001	5.5
2	TP05-002	4
3	TP05-003	4
4	TP05-004	4
5	TP05-005	4



Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP5

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP06

PAGE 1 OF 3

Contract Number: DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP06 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 13 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #6 (TP06)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

- 3. Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
- 5. Soil samples; locations; results:***

*** See soil sample location map included with Field Log, immediately after page (3) of this report.**

- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Chris D. Elliott.**

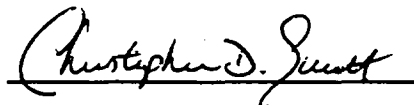
UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #6 (TP06)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:**


Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey

Date Report Prepared: 03 JUL 1995

UST TP06

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	TP06-001	TP06-002	TP06-003	TP06-004	TP06-005	
SAMPLE DATE	4/13/95	4/13/95	4/13/95	4/13/95	4/13/95	
TIME OF COLLECTION	1445	1446	1447	1448	1449	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'	4'	4'	4'	4'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Cloudy, 55 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME			SIGNATURE		DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #06 (TP06)

Field Sample No.:	TP06-001	TP06-002	TP06-003	TP06-004	TP06-005
Date:	4/13/95	4/13/95	4/13/95	4/13/95	4/13/95
Depth (Ft.):	5.0'	4.0'	4.0'	4.0'	4.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

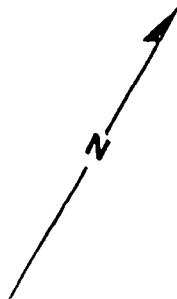
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	.53	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	U	170 J
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	U	U	U	200 J
Pyrene	1000	U	U	U	U	130 J
Benzo(a)anthracene	.04*	U	U	U	U	69 J
Chrysene	.04*	41 J	U	U	U	73 J
Benzo(b)fluoranthene	.04*	U	U	U	U	56 J
Benzo(k)fluoranthene	.04*	U	U	U	U	49 J
Benzo(a)pyrene	.04*	U	U	U	U	51 J
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

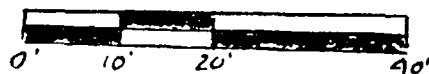


Parking Area



Samp #	Field ID #	Depth (ft)
1	TP06-001	5.5
2	TP06-002	4
3	TP06-003	4
4	TP06-004	4
5	TP06-005	4

Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP6

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP07

PAGE 1 OF 3

Contract Number: DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP07 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 12 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #7 (TP07)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**

5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector - Chris D. Elliott.**

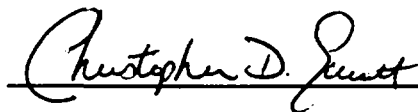
UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #7 (TP07)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 03 JUL 1995

UST TP07

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP07-001	TP07-002	TP07-003	TP07-004	TP07-005	
SAMPLE DATE	4/12/95	4/12/95	4/12/95	4/12/95	4/12/95	
TIME OF COLLECTION	1149	1150	1151	1152	1153	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'6"	4'6"	4'6"	4'6"	4'6"	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Cloudy, 45 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE

6/23/95

DATE

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #07 (TP07)

Field Sample No.:	TP07-001	TP07-002	TP07-003	TP07-004	TP07-005
Date:	4/12/95	4/12/95	4/12/95	4/12/95	4/12/95
Depth (Ft.):	5.5'	4.5'	4.5'	4.5'	4.5'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

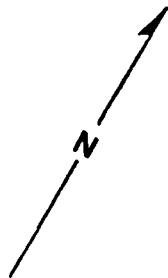
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

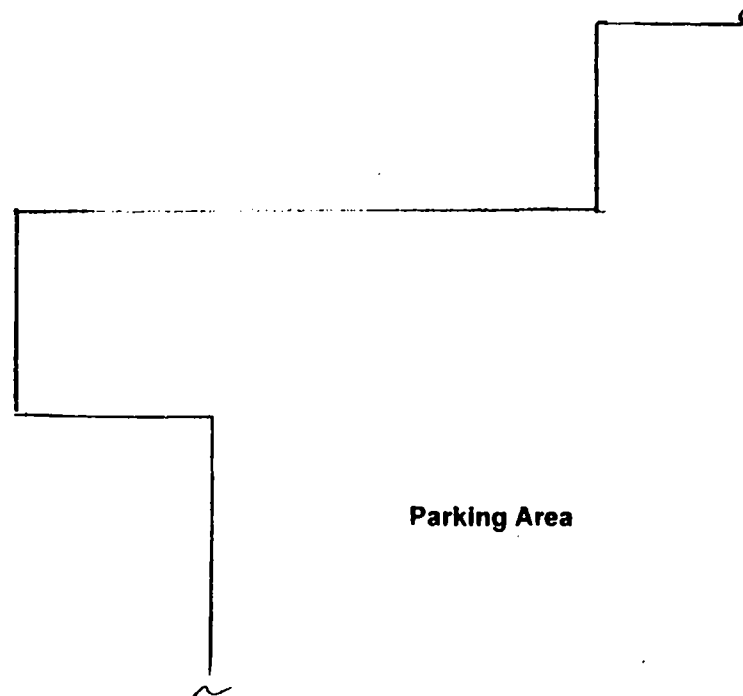
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	47 J	U	U	59 J	130 J
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	88 J	U	U	130 J	200 J
Pyrene	1000	80 J	U	U	120 J	170 J
Benzo(a)anthracene	.04*	42 J	U	U	62 J	77 J
Chrysene	.04*	40 J	U	U	64 J	87 J
Benzo(b)fluoranthene	.04*	U	U	U	70 J	85 J
Benzo(k)fluoranthene	.04*	U	U	U	42 J	56 J
Benzo(a)pyrene	.04*	U	U	U	54 J	71 J
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	44 J
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	38 J	48 J

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

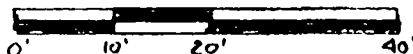


Samp #	Field ID #	Depth (ft)
1	TP07-001	5.5
2	TP07-002	4.5
3	TP07-003	4.5
4	TP07-004	4.5
5	TP07-005	4.5



Parking Area

Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP7

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP09

PAGE 1 OF 3

Contract Number: DACA51-93-C-0037	Title: Removal Of Storage Tanks, Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP09	Tank Size (Gallons): 275
Tank Dimensions: 3' X 5'	Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 250	Date Removed: 12 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York	

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #9 (TP09)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #9 (TP09)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.
Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:**


Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey

Date Report Prepared: 03 JUL 1995

UST TP09

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	TP09-001	TP09-002	TP09-003	TP09-004	TP09-005	
SAMPLE DATE	4/13/95	4/13/95	4/13/95	4/13/95	4/13/95	
TIME OF COLLECTION	1510	1511	1512	1513	1514	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'	3'6"	4'	4'	3'6"	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Cloudy, 45 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT			 SIGNATURE		6/23/95	
NAME					DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #09 (TP09)

Field Sample No.:	TP09-001	TP09-002	TP09-003	TP09-004	TP09-005
Date:	4/13/95	4/13/95	4/13/95	4/13/95	4/13/95
Depth (Ft.):	5.0'	3.5'	4.0'	4.0'	3.5'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

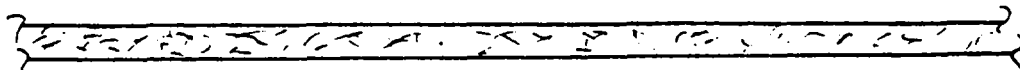
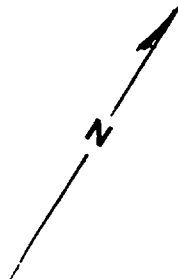
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	2.0
Ethylbenzene	100	U	U	U	U	1.3
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	2.0
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	.91	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

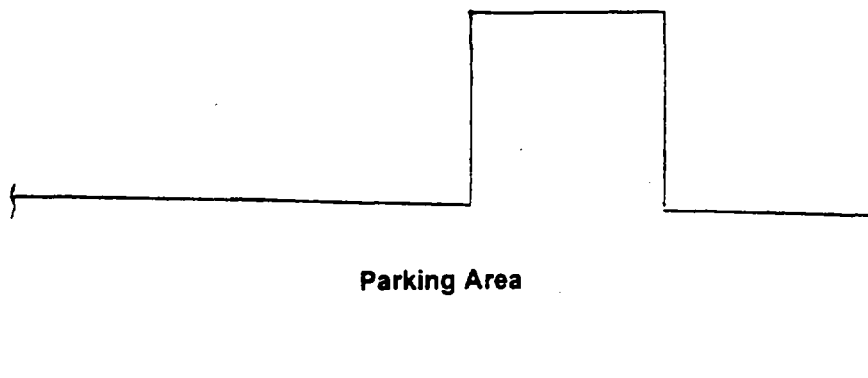
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	54 J	U	U	53 J	130 J
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	100 J	88 J	86 J	110 J	200 J
Pyrene	1000	78 J	65 J	75 J	91 J	170 J
Benzo(a)anthracene	.04*	45 J	54 J	43 J	U	77 J
Chrysene	.04*	56 J	61 J	44 J	65 J	87 J
Benzo(b)fluoranthene	.04*	57 J	54 J	45 J	64 J	85 J
Benzo(k)fluoranthene	.04*	43 J	72 J	U	41 J	56 J
Benzo(a)pyrene	.04*	46 J	55 J	39 J	47 J	71 J
Indeno(1,2,3-cd)pyrene	.04*	U	40 J	U	U	44 J
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	39 J	42 J	U	U	48 J

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.



Samp #	Field ID #	Depth (ft)
1	TP09-001	5
2	TP09-002	3.5
3	TP09-003	4
4	TP09-004	4
5	TP09-005	3.5



040

Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP9

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP11

PAGE 1 OF 3

Contract Number: ^{ce} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP11 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 07 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT**PAGE 2 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #11 (TP11)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

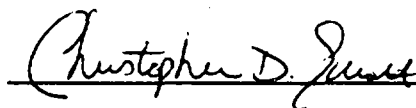
1. **Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #11 (TP11)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.
Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

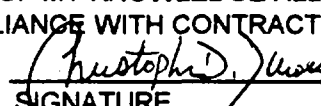
Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 03 JUL 1995

UST TP11

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP11-001	TP11-002	TP11-003	TP11-004	TP11-005	
SAMPLE DATE	4/7/95	4/7/95	4/7/95	4/7/95	4/7/95	
TIME OF COLLECTION	1140	1141	1142	1143	1144	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'	2'6"	2'6"	2'6"	2'6"	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 50 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME		SIGNATURE			DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #11 (TP11)

Field Sample No.:	TP11-001	TP11-002	TP11-003	TP11-004	TP11-005
Date:	4/07/95	4/07/95	4/07/95	4/07/95	4/07/95
Depth (Ft.):	4.0'	2.5'	2.5'	2.5'	2.5'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

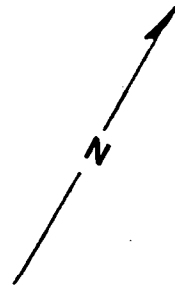
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

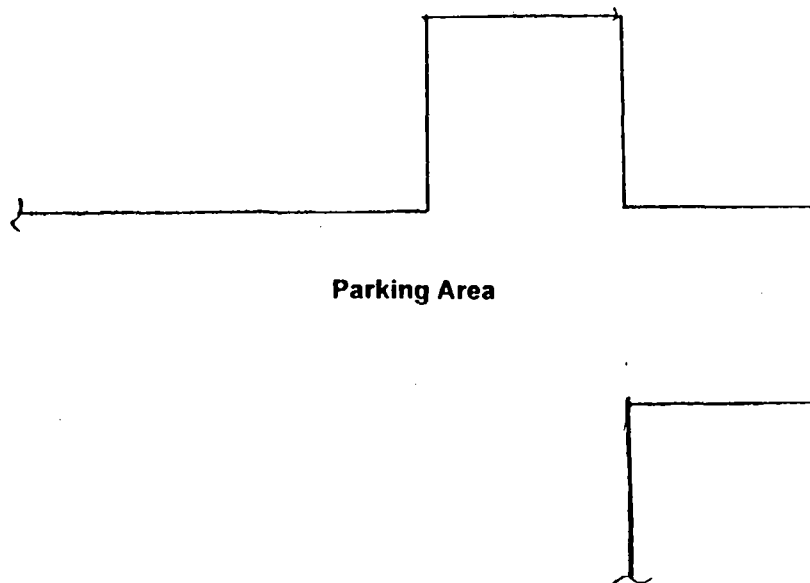
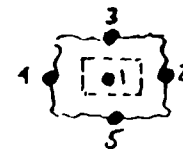
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	38 J	U	U	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	79 J	U	U	U
Pyrene	1000	U	78 J	U	U	U
Benzo(a)anthracene	.04*	U	45 J	U	U	U
Chrysene	.04*	U	42 J	U	53 J	U
Benzo(b)fluoranthene	.04*	U	48 J	U	U	U
Benzo(k)fluoranthene	.04*	U	36 J	U	U	U
Benzo(a)pyrene	.04*	U	42 J	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

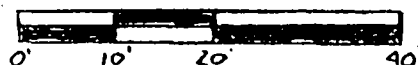
For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.



Samp #	Field ID #	Depth (ft)
1	TP011-001	4
2	TP011-002	2.5
3	TP011-003	2.5
4	TP011-004	2.5
5	TP011-005	2.5



Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP11

046

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP12

PAGE 1 OF 3

Contract Number: ^{ce} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP12 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 07 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #12 (TP12)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

- 3. Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
- 5. Soil samples; locations; results:***

*** See soil sample location map included with Field Log, immediately after page (3) of this report.**

- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #12 (TP12)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.
Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.


Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 03 JUL 1995

UST TP12

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP12-001	TP12-002	TP12-003	TP12-004	TP12-005	
SAMPLE DATE	4/7/95	4/7/95	4/7/95	4/7/95	4/7/95	
TIME OF COLLECTION	1425	1426	1427	1428	1429	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'6"	3'	3'	3'	3'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 60 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME		SIGNATURE			DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #12 (TP12)

Field Sample No.:	TP12-001	TP12-002	TP12-003	TP12-004	TP12-005
Date:	4/07/95	4/07/95	4/07/95	4/07/95	4/07/95
Depth (Ft.):	4.5'	3.0'	3.0'	3.0'	3.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

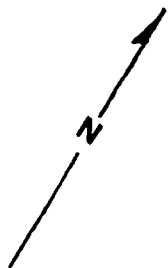
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

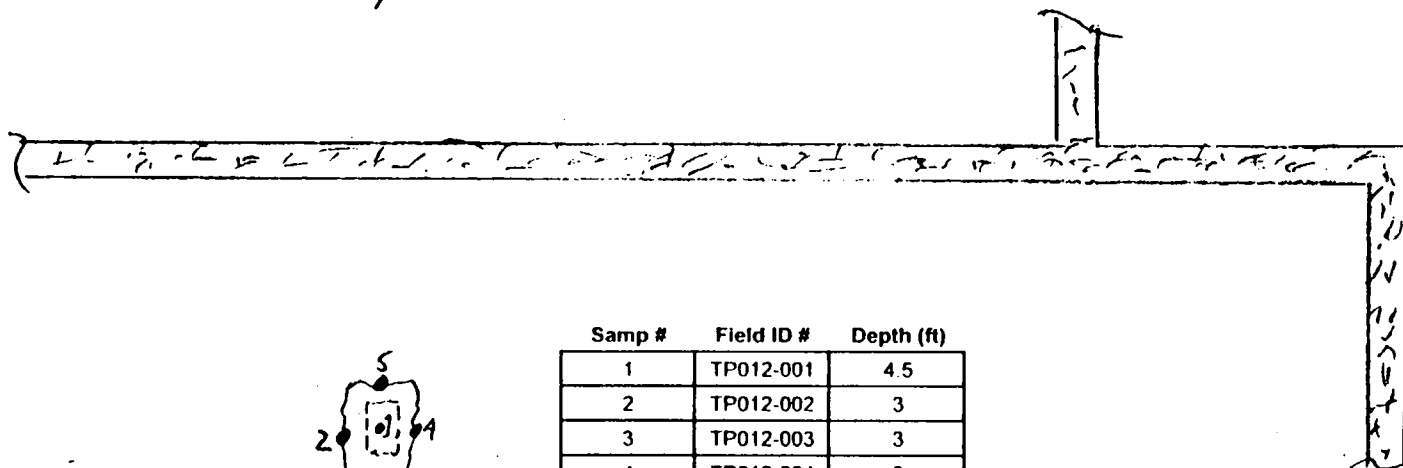
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	73 J	U	U	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	130 J	64 J	U	U
Pyrene	1000	U	140 J	66 J	U	U
Benzo(a)anthracene	.04*	U	70 J	38 J	U	U
Chrysene	.04*	U	67 J	88 J	U	U
Benzo(b)fluoranthene	.04*	U	61 J	U	U	U
Benzo(k)fluoranthene	.04*	U	67 J	U	U	U
Benzo(a)pyrene	.04*	U	64 J	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	39 J	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	44 J	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

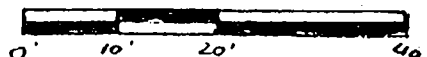


Parking Lot



Samp #	Field ID #	Depth (ft)
1	TP012-001	4.5
2	TP012-002	3
3	TP012-003	3
4	TP012-004	3
5	TP012-005	3

Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP12

CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881

UST CLOSURE REPORT - TP13

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP13 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 11 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #13 (TP13)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT

PAGE 3 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #13 (TP13)

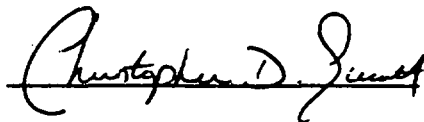
2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for
Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.

Name: Christopher D. Elliott

Signature:



Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New
Jersey

Date Report Prepared: 03 JUL 1995

UST TP13

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP13-001	TP13-002	TP13-003	TP13-004	TP13-005	
SAMPLE DATE	4/12/95	4/12/95	4/12/95	4/12/95	4/12/95	
TIME OF COLLECTION	1259	1300	1301	1302	1303	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'	4'	4'	4'	4'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Cloudy, 50 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE

6/23/95

DATE

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #13 (TP13)

Field Sample No.:	TP13-001	TP13-002	TP13-003	TP13-004	TP13-005
Date:	4/12/95	4/12/95	4/12/95	4/12/95	4/12/95
Depth (Ft.):	5.0'	4.0'	4.0'	4.0'	4.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

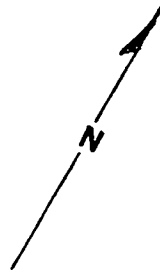
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

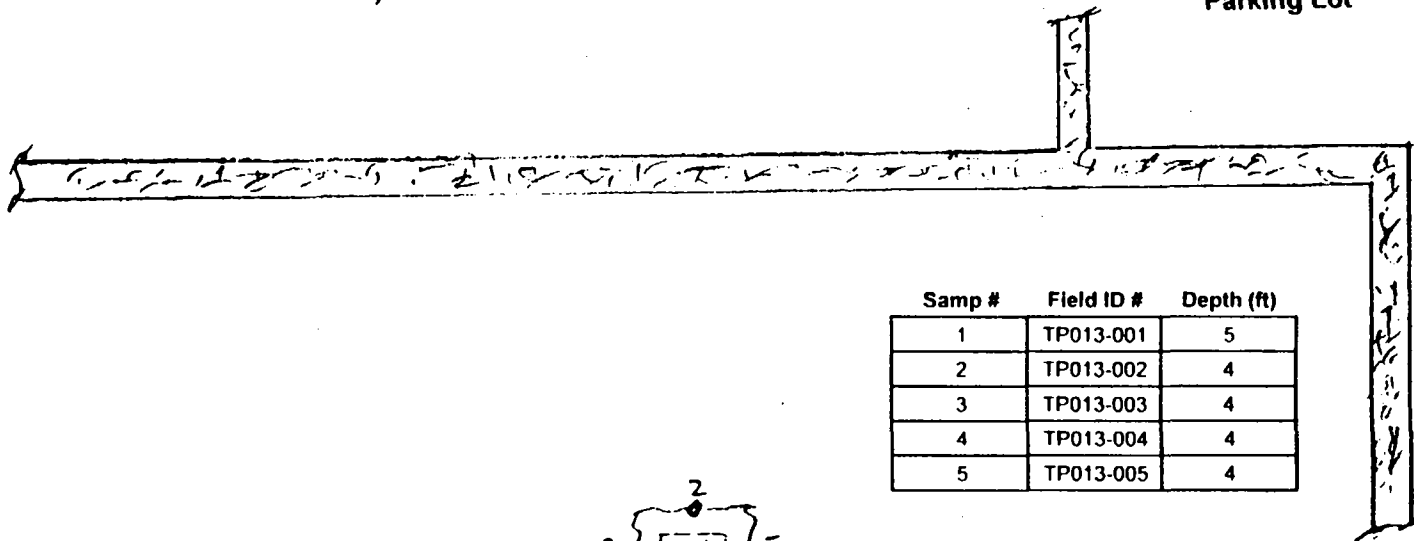
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	52 J	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	55 J	U	U	93 J	49 J
Pyrene	1000	54 J	U	U	82 J	45 J
Benzo(a)anthracene	.04*	U	U	U	45 J	U
Chrysene	.04*	U	U	U	45 J	U
Benzo(b)fluoranthene	.04*	U	U	U	46 J	U
Benzo(k)fluoranthene	.04*	U	U	U	51 J	U
Benzo(a)pyrene	.04*	U	U	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

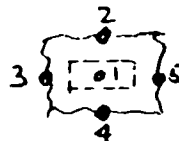
For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.



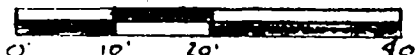
Parking Lot



Samp #	Field ID #	Depth (ft)
1	TP013-001	5
2	TP013-002	4
3	TP013-003	4
4	TP013-004	4
5	TP013-005	4



Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP13

058

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP15

PAGE 1 OF 3

Contract Number: ^{cc} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP15 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 07 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #15 (TP15)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.
- 3. Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
- 5. Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.
- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

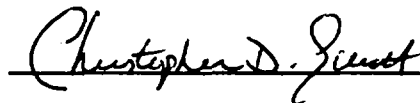
- 1. Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #15 (TP15)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.
Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:**

Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey


Date Report Prepared: 03 JUL 1995

UST TP15

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP15-001	TP15-002	TP15-003	TP15-004	TP15-005	
SAMPLE DATE	4/7/95	4/7/95	4/7/95	4/7/95	4/7/95	
TIME OF COLLECTION	1050	1051	1052	1053	1054	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'6"	3'	3'	3'	3'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 50 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME		SIGNATURE			DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #15 (TP15)

Field Sample No.:	TP15-001	TP15-002	TP15-003	TP15-004	TP15-005
Date:	4/07/95	4/07/95	4/07/95	4/07/95	4/07/95
Depth (Ft.):	4.5'	3.0'	3.0'	3.0'	3.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

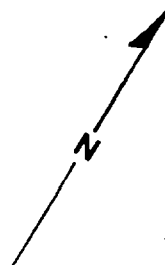
Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	55 J	U	99 J
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	U	70 J	U	150 J
Pyrene	1000	U	U	55 J	U	120 J
Benzo(a)anthracene	.04*	U	U	U	U	61 J
Chrysene	.04*	U	U	U	U	56 J
Benzo(b)fluoranthene	.04*	U	U	U	U	47 J
Benzo(k)fluoranthene	.04*	U	U	U	U	38 J
Benzo(a)pyrene	.04*	U	U	U	U	39 J
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

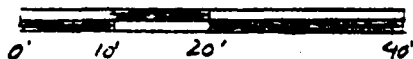
Parking Area



Samp #	Field ID #	Depth (ft)
1	TP015-001	4.5
2	TP015-002	3
3	TP015-003	3
4	TP015-004	3
5	TP015-005	3



Scale: 1" = 20'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP15

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP16

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP16 ^{CE} Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 125 Date Removed: 22 JUN 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT**PAGE 2 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #16 (TP16)

5. **Localized areas of corrosion** - None.
6. **Holes or pits in tanks and/or pipes** - None.
7. **Noticeable odors before, during, and/or after tank excavations** - None.
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation?** None encountered.
9. **Free product on groundwater? Thickness?** None.

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used?** HNU-PID.
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed** - All piping removed. Only copper lines used for feed & return were discovered.
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples** - NA.

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector** - Chris D. Elliott.

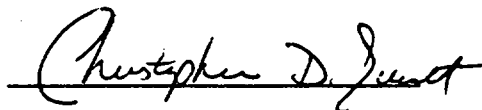
UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #16 (TP16)

2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for
Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.

Name: Christopher D. Elliott**Signature:**

Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New
Jersey

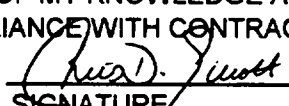
Date Report Prepared: 30 JUL 1995

UST TP16

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	TP16-01	TP16-02	TP16-03	TP16-04	TP16-05	
SAMPLE DATE	6/27/95	6/27/95	6/27/95	6/27/95	6/27/95	
TIME OF COLLECTION	1110	1111	1112	1113	1114	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'6"	3'	3'	3'	3'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 75 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					CE 7/30/95	
NAME		SIGNATURE			DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #16 (TP16)

Field Sample No.:	TP16-001	TP16-002	TP16-003	TP16-004	TP16-005
Date:	6/27/95	6/27/95	6/27/95	6/27/95	6/27/95
Depth (Ft.):	4.5'	3.0'	3.0'	3.0'	3.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

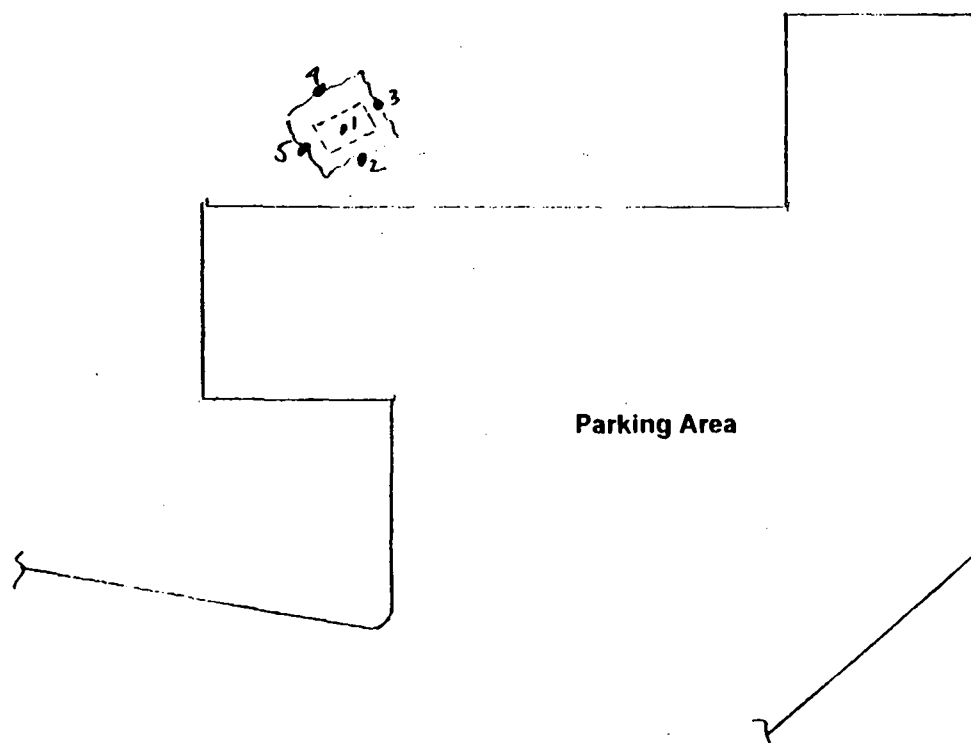
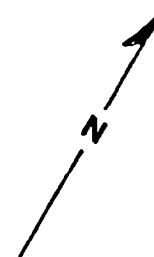
Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	U	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	U	U	U	U
Pyrene	1000	U	U	U	U	U
Benzo(a)anthracene	.04*	U	U	U	U	U
Chrysene	.04*	U	U	U	U	U
Benzo(b)fluoranthene	.04*	U	U	U	U	U
Benzo(k)fluoranthene	.04*	U	U	U	U	U
Benzo(a)pyrene	.04*	U	U	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

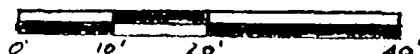
* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

Sample #	Field ID #	Depth (ft)
1	16-01	4.5
2	16-02	3
3	16-03	3
4	16-04	3
5	16-05	3



Scale: 1" = 20'



Parking Area

DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP16

070

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP17

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP17 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 125 Date Removed: 22 JUN 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT**PAGE 2 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #17 (TP17)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.
3. **Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.
6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

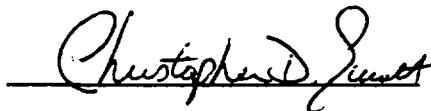
1. **Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #17 (TP17)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.
Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

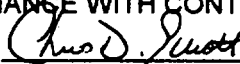
Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 30 JUL 1995

UST TP17

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP17-01	TP17-02	TP17-03	TP17-04	TP17-05	
SAMPLE DATE	6/27/95	6/27/95	6/27/95	6/27/95	6/27/95	
TIME OF COLLECTION	1120	1121	1122	1123	1124	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'	3'	3'	3'	3'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 75 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					CE 7/30/95	
NAME		SIGNATURE			DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #15 (TP15)

Field Sample No.:	TP17-001	TP17-002	TP17-003	TP17-004	TP17-005
Date:	6/27/95	6/27/95	6/27/95	6/27/95	6/27/95
Depth (Ft.):	5.0'	3.0'	3.0'	3.0'	3.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	U	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	U	U	U	U
Pyrene	1000	U	U	U	U	U
Benzo(a)anthracene	.04*	U	U	U	U	U
Chrysene	.04*	U	U	U	U	U
Benzo(b)fluoranthene	.04*	U	U	U	U	U
Benzo(k)fluoranthene	.04*	U	U	U	U	U
Benzo(a)pyrene	.04*	U	U	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

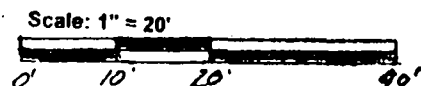
* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

Sample #	Field ID #	Depth (ft)
1	17-01	5
2	17-02	3
3	17-03	3
4	17-04	3
5	17-05	3



Parking Area



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP17

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP18

PAGE 1 OF 3

Contract Number: ^{cc} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP18 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 110 Date Removed: 10 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #18 (TP18)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

- 3. Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
- 5. Soil samples; locations; results:***

*** See soil sample location map included with Field Log, immediately after page (3) of this report.**

- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

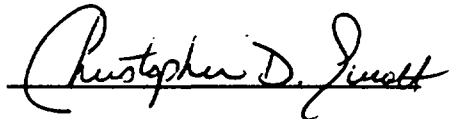
- 1. Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #18 (TP18)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.
Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 30 JUN 1995

UST TP18

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP18-001	TP18-002	TP18-003	TP18-004	TP18-005	
SAMPLE DATE	4/10/95	4/10/95	4/10/95	4/10/95	4/10/95	
TIME OF COLLECTION	1315	1316	1317	1318	1319	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'6"	3'6"	3'	2'6"	2'6"	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 45 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE

6/23/95

DATE

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #18 (TP 18)

Field Sample No.:	TP18-001	TP18-002	TP18-003	TP18-004	TP18-005
Date:	4/10/95	4/10/95	4/10/95	4/10/95	4/10/95
Depth (Ft.):	4.5'	3.5'	3.0'	2.5'	2.5'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

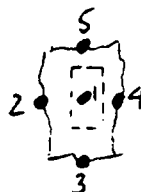
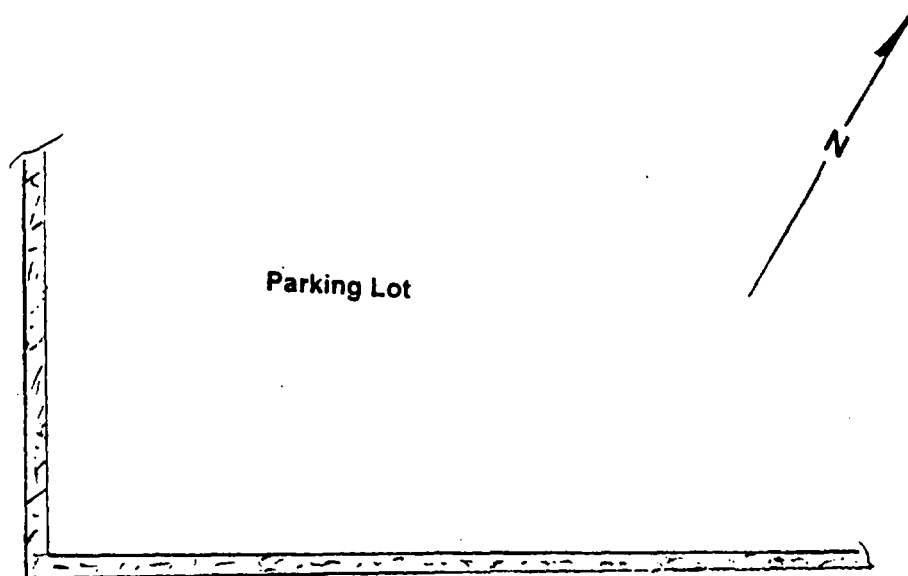
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	6.3
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

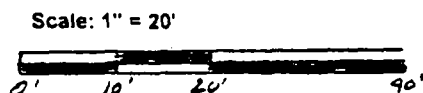
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	74 J
Phenanthrene	1000	320 J	U	U	U	610
Anthracene	1000	78 J	U	U	U	150 J
Fluoranthene	1000	370	U	50 J	U	650
Pyrene	1000	280 J	U	42 J	U	500
Benzo(a)anthracene	.04*	150 J	U	U	U	260 J
Chrysene	.04*	170 J	U	U	U	290 J
Benzo(b)fluoranthene	.04*	150 J	U	U	U	190 J
Benzo(k)fluoranthene	.04*	91 J	U	U	U	230 J
Benzo(a)pyrene	.04*	120 J	U	U	U	200 J
Indeno(1,2,3-cd)pyrene	.04*	69 J	U	U	U	110 J
Dibenz(a,h)anthracene	1000	43 J	U	U	U	61 J
Benzo(g,h,i)perylene	.04*	75 J	U	U	U	100 J

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.



Samp #	Field ID #	Depth (ft)
1	TP018-001	4.5
2	TP018-002	3.5
3	TP018-003	3
4	TP018-004	2.5
5	TP018-005	2.5



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP18

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP2129

PAGE 1 OF 3

Contract Number: ^{cc} DACA51-94-C-0087 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP21 & TP 29 Tank Size (Gallons): 275 Each
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 10 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation(s). Due to proximity of tanks to each other and the fact that they shared a piping system and trench, excavations were treated as common for sampling purposes.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #'s 21 & 29
(TP21 & 29)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.
3. **Piping removed - All piping removed. See Soil Sample Location Map, included with Field Log, included after Page (3) of this report.**
5. **Soil samples; locations; results:***

* **See soil sample location map included with Field Log, immediately after page (3) of this report.**
6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #'s 21 & 29
(TP21 & 29)

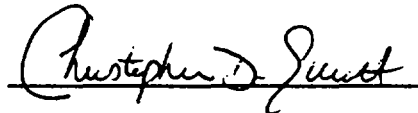
2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for
Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.

Name: Christopher D. Elliott

Signature:



Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New
Jersey

Date Report Prepared: 30 JUN 1995

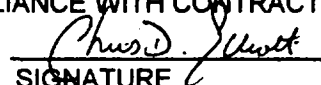
C.U.T.E.

FIELD SAMPLE LOG

USTs 21 & 29

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	TP2129-001	TP2129-002	TP2129-003	TP2129-004	TP2129-005	
SAMPLE DATE	4/12/95	4/12/95	4/12/95	4/12/95	4/12/95	
TIME OF COLLECTION	1340	1341	1342	1343	1344	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'6"	5'6"	2'	5'	5'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Cloudy, 50 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	

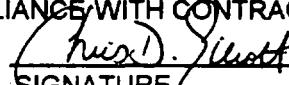
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:		
CHRIS D. ELLIOTT		6/23/95
NAME	SIGNATURE	DATE

C.U.T.E.

FIELD SAMPLE LOG

USTs 21 & 29

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	TP2129-006	TP2129-007	TP2129-008	TP2129-009		
SAMPLE DATE	4/12/95	4/12/95	4/12/95	4/12/95		
TIME OF COLLECTION	1345	1346	1347	1348		
SAMPLE TYPE (G OR C)*	G	G	G	G		
SAMPLE DEPTH	3'	2'	2'	2'6"		
PRESERVATIVES USED	NA	NA	NA	NA		
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm		
HNU METER CAL.(?)	YES	YES	YES	YES		
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270		
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan		
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none		
WEATHER	Cloudy, 50 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none		
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME			SIGNATURE		DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #'S 21 & 29 (TP21 & 29)

Field Sample No.*:	001	002	003	004	005
Date:	4/12/95	4/12/95	4/12/95	4/12/95	4/12/95
Depth (Ft.):	5.5'	5.5'	2.0'	5.0'	5.0'

* All sample numbers preceded by "TP2129"

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	42 J	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	89 J	42 J	74 J	U
Pyrene	1000	U	96 J	41 J	78 J	U
Benzo(a)anthracene	.04*	U	69 J	U	41 J	U
Chrysene	.04*	U	64 J	U	39 J	U
Benzo(b)fluoranthene	.04*	U	66 J	U	40 J	U
Benzo(k)fluoranthene	.04*	U	74 J	U	U	U
Benzo(a)pyrene	.04*	U	55 J	U	38 J	U
Indeno(1,2,3-cd)pyrene	.04*	U	51 J	U	U	U
Dibenz(a,h)anthracene	1000	U	49 J	U	U	U
Benzo(g,h,i)perylene	.04*	U	48 J	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #'S 21 & 29 (TP21 & 29)

Field Sample No.*:	006	007	008	009
Date:	4/12/95	4/12/95	4/12/95	4/12/95
Depth (Ft.):	3.0'	2.0'	2.0'	2.5'

* All sample numbers preceded by *TP2129

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

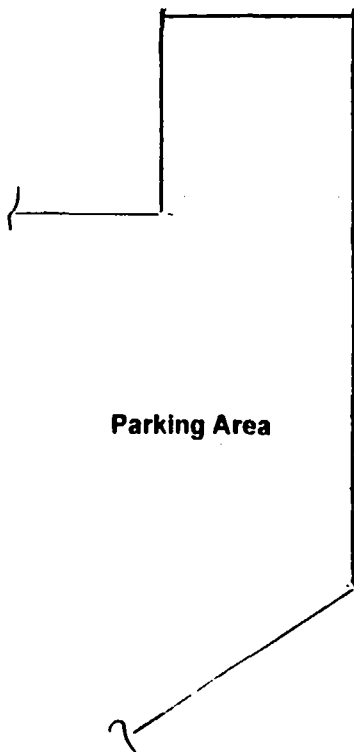
	Guidance Value, (ppb)				
Benzene	14	U	U	U	U
Toluene	100	U	.82	U	U
Ethylbenzene	100	U	U	U	U
m-p Xylenes	100	U	U	U	U
o-Xylene	100	U	U	U	U
Isopropylbenzene	100	U	U	U	U
n-Propylbenzene	100	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U
t-butylbenzene	100	U	U	U	U
Methyl-t-butylether	100	U	U	U	U
sec-Butylbenzene	100	U	U	U	U
n-Butylbenzene	100	U	U	U	U
Napthalene (8021)	200	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

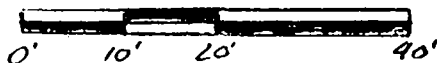
Acenaphthene	400	U	U	U	U
Fluorene	1000	U	U	U	U
Phenanthrene	1000	U	37 J	71 J	220 J
Anthracene	1000	U	U	U	48 J
Fluoranthene	1000	40 J	64 J	110 J	320 J
Pyrene	1000	38 J	59 J	100 J	270 J
Benzo(a)anthracene	.04*	U	U	U	130 J
Chrysene	.04*	U	40 J	56 J	150 J
Benzo(b)fluoranthene	.04*	U	49 J	54 J	130 J
Benzo(k)fluoranthene	.04*	U	U	41 J	110 J
Benzo(a)pyrene	.04*	U	37 J	51 J	100 J
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	70 J
Dibenz(a,h)anthracene	1000	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	74 J

* Detection limit for these compounds is 330 ppb in the best of cases.

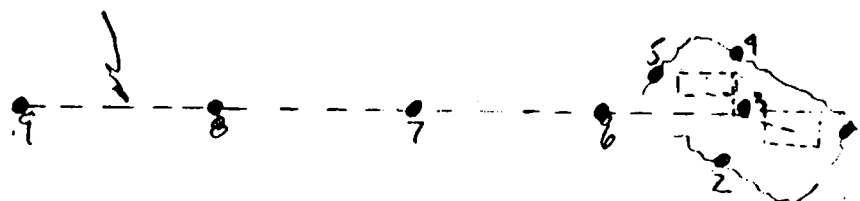
For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.



Scale: 1" = 20'



Remote Fill



Samp #	Field ID #	Depth (ft)
1	TP2129-001	5.5
2	TP2129-002	5.5
3	TP2129-003	2
4	TP2129-004	5
5	TP2129-005	5
6	TP2129-006	5
7	TP2129-007	3
8	TP2129-008	2
9	TP2129-009	2

DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
USTs #TP21 & #TP29

060

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP22

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP22 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 200 Date Removed: 10 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT**PAGE 2 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #22 (TP22)

5. **Localized areas of corrosion** - None.
6. **Holes or pits in tanks and/or pipes** - None.
7. **Noticeable odors before, during, and/or after tank excavations** - None.
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation?** None encountered.
9. **Free product on groundwater? Thickness?** None.

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used?** HNU-PID.
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 10 PPM.

3. **Piping removed** - All piping removed. Only copper feed & return lines found and removed.
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples** - NA.

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector** - Chris D. Elliott.

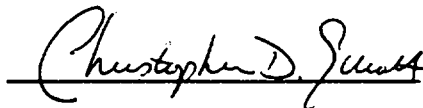
UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #22 (TP22)

2. **Laboratory methods used for determination of soil contamination** - EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal** - 15 CY.
4. **Method of disposal** - Recycling.

Disposal facility - Mount Hope, NJ.
5. **Fill source** - Bank run - Fred A. McDowell.
6. **Results of analysis of on-site material used for backfill** - Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 30 JUN 1995**NYSDEC Spill#95-04282**

UST TP22

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP22-0061 <small>CL</small>	TP22-0072 <small>CL</small>	TP22-0083 <small>CL</small>	TP22-0094 <small>CL</small>	TP22-005	
SAMPLE DATE	4/11/95	4/11/95	4/11/95	4/11/95	4/11/95	
TIME OF COLLECTION	954	955	956	957	958	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'6"	3'6"	3'	2'6"	2'6"	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 40 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS: CHRIS D. ELLIOTT NAME <u>Chris D. Elliott</u> SIGNATURE 6/23/95 DATE						

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #22 (TP22)

Field Sample No.:	TP22-001	TP22-002	TP22-003	TP22-004	TP22-005
Date:	4/11/95	4/11/95	4/11/95	4/11/95	4/11/95
Depth (Ft.):	4.5'	3.5'	3.0'	2.5'	2.5'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

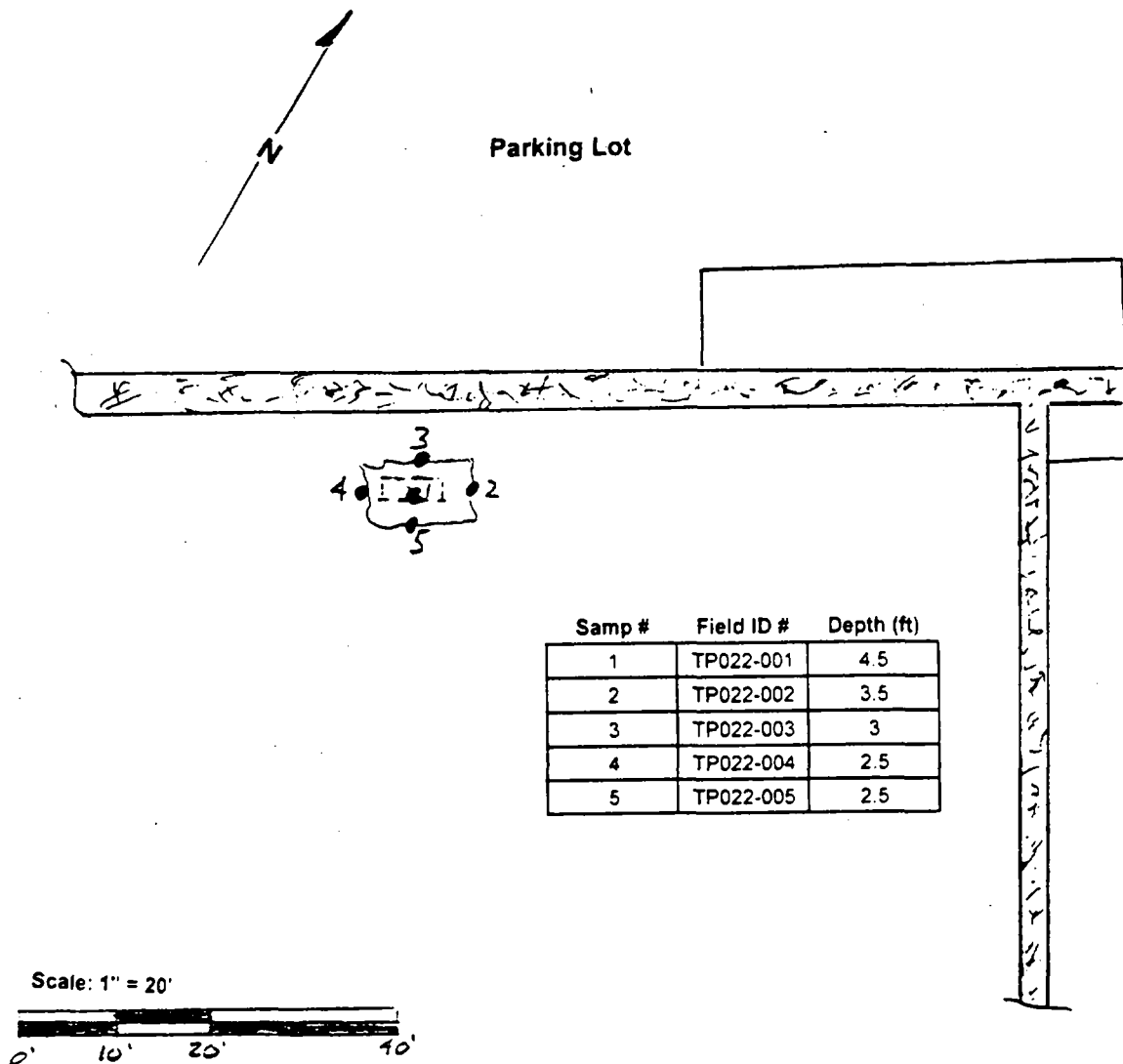
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	120 J	U	U	U	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	150 J	U	U	U	U
Pyrene	1000	220 J	U	U	U	U
Benzo(a)anthracene	.04*	93 J	U	U	U	U
Chrysene	.04*	110 J	U	U	U	U
Benzo(b)fluoranthene	.04*	93 J	U	U	U	U
Benzo(k)fluoranthene	.04*	50 J	U	U	U	U
Benzo(a)pyrene	.04*	89 J	U	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	48 J	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	59 J	U	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP22

096

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP23

PAGE 1 OF 3

Contract Number: DACA51-94-C-0037^{CL} Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP23 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 10 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #23 (TP23)

5. **Localized areas of corrosion** - None.
6. **Holes or pits in tanks and/or pipes** - None.
7. **Noticeable odors before, during, and/or after tank excavations** - None.
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation?** None encountered.
9. **Free product on groundwater? Thickness?** None.

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used?** HNU-PID.
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed** - All piping removed. Only copper feed & return lines found and removed.
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples** - NA.

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector** - Chris D. Elliott.

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #23 (TP23)

2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for
Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.


CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New
Jersey**Date Report Prepared:** 30 JUN 1995

C.U.T.E. FIELD SAMPLE LOG

UST TP23

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP23-001	TP23-002	TP23-003	TP23-004	TP23-005	
SAMPLE DATE	4/10/95	4/10/95	4/10/95	4/10/95	4/10/95	
TIME OF COLLECTION	1110	1111	1112	1113	1114	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'6"	2'6"	2'	3'6"	2'6"	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 40 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME			SIGNATURE		DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #23 (TP23)

Field Sample No.:	TP23-001	TP23-002	TP23-003	TP23-004	TP23-005
Date:	4/10/95	4/10/95	4/10/95	4/10/95	4/10/95
Depth (Ft.):	4.5'	2.5'	2.0'	3.5'	2.5'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	1.7	1.4
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	.72
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

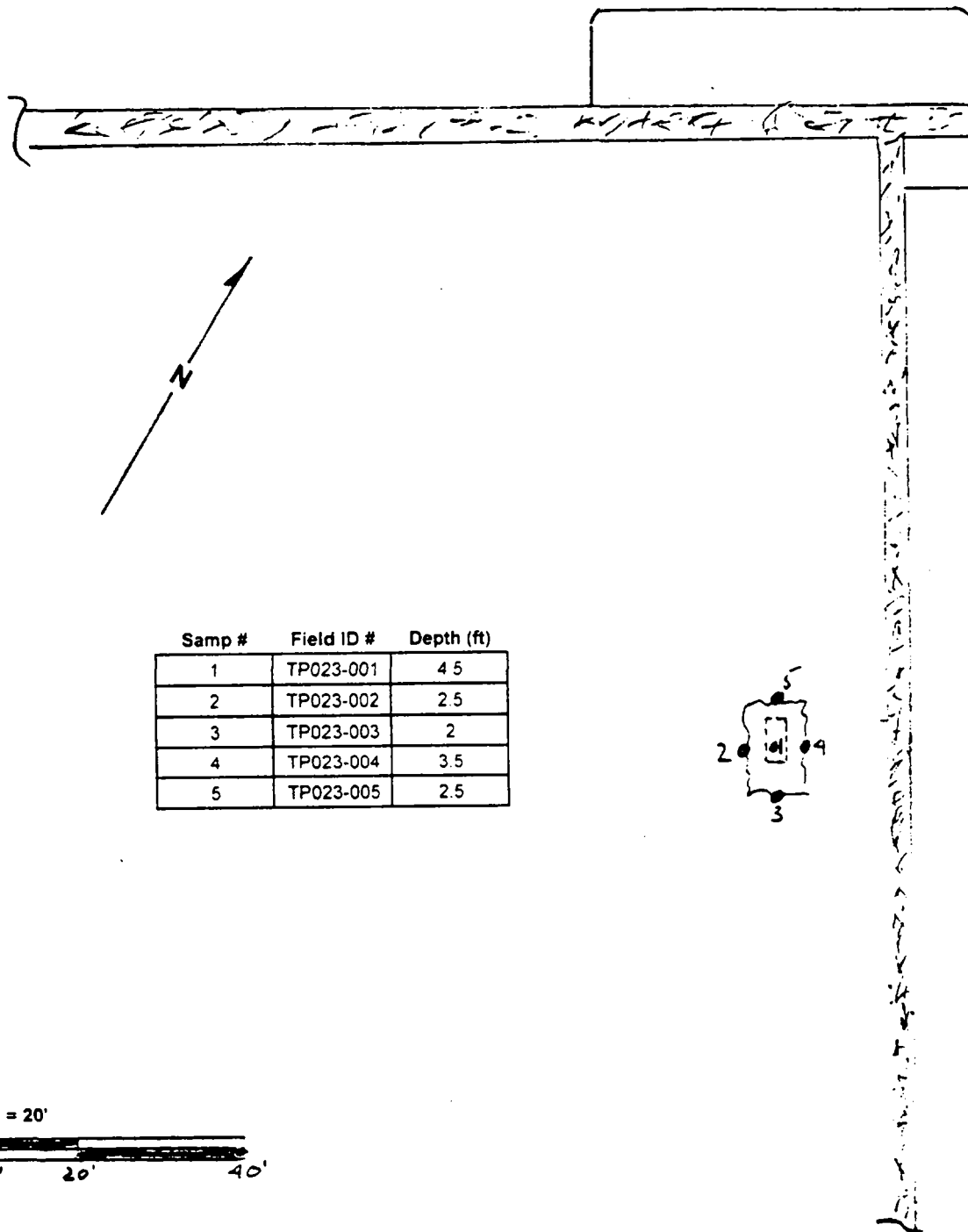
Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	130 J	71 J
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	U	U	200 J	120 J
Pyrene	1000	U	U	U	200 J	110 J
Benzo(a)anthracene	.04*	U	U	U	89 J	62 J
Chrysene	.04*	U	U	U	110 J	67 J
Benzo(b)fluoranthene	.04*	U	U	U	74 J	65 J
Benzo(k)fluoranthene	.04*	U	U	U	78 J	44 J
Benzo(a)pyrene	.04*	U	U	U	74 J	52 J
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	47 J	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	52 J	37 J

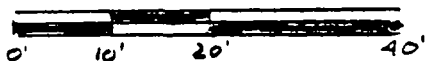
* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

Parking Lot



Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP23

CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881

UST CLOSURE REPORT - TP30

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP30 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 10 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #30 (TP30)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

- 3. Piping removed - All piping removed. Only copper feed & return lines found and removed.**
- 5. Soil samples; locations; results:***

*** See soil sample location map included with Field Log, immediately after page (3) of this report.**

- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #30 (TP30)

2. **Laboratory methods used for determination of soil contamination** - EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal** - None.
4. **Method of disposal** - N/A.

Disposal facility - N/A.
5. **Fill source** - No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill** - Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

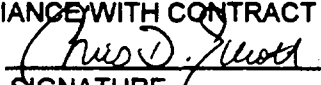
CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 30 JUN 1995

UST TP30

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP30-001	TP30-002	TP30-003	TP30-004	TP30-005	
SAMPLE DATE	4/10/95	4/10/95	4/10/95	4/10/95	4/10/95	
TIME OF COLLECTION	1420	1421	1422	1423	1424	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'	3'	3'	3'	3'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 50 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME		SIGNATURE			DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #30 (TP30)

Field Sample No.:	TP30-001	TP30-002	TP30-003	TP30-004	TP30-005
Date:	4/10/95	4/10/95	4/10/95	4/10/95	4/10/95
Depth (Ft.):	5.0'	3.0'	3.0'	3.0'	3.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	1.3	3.3	1.1	U
Ethylbenzene	100	U	U	.82	U	U
m-p Xylenes	100	U	U	1.8	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

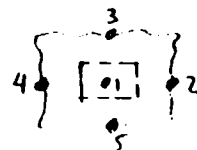
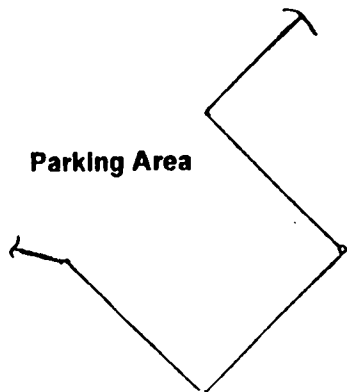
Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	120 J	U	U	58 J	79 J
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	170 J	U	73 J	110 J	140 J
Pyrene	1000	190 J	U	65 J	93 J	120 J
Benzo(a)anthracene	.04*	76 J	U	U	50 J	64 J
Chrysene	.04*	95 J	U	U	50 J	72 J
Benzo(b)fluoranthene	.04*	57 J	U	U	40 J	62 J
Benzo(k)fluoranthene	.04*	47 J	U	U	39 J	54 J
Benzo(a)pyrene	.04*	58 J	U	U	39 J	56 J
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

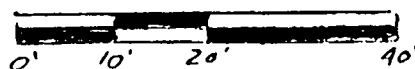
* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

Parking Area



Scale: 1" = 20'



Samp #	Field ID #	Depth (ft)
1	TP30-001	5
2	TP30-002	3
3	TP30-003	3
4	TP30-004	3
5	TP30-005	3

DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP30

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP32

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP32 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 275 Date Removed: 10 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #32 (TP32)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed - All piping removed. Only copper feed & return lines found and removed.**
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector - Chris D. Elliott.**

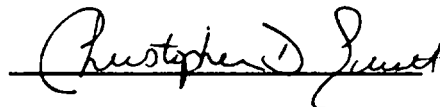
UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #32 (TP32)

2. **Laboratory methods used for determination of soil contamination** - EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal** - None.
4. **Method of disposal** - N/A.

Disposal facility - N/A.
5. **Fill source** - No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill** - Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** Yes. Sample #01 over NYSDEC STARS MEMO #1 limits. Additional excavation required.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:**

Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey

Date Report Prepared: 30 JUN 1995

UST TP32

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	TP32-001	TP32-002	TP32-003	TP32-004	TP32-005	
SAMPLE DATE	4/11/95	4/11/95	4/11/95	4/11/95	4/11/95	
TIME OF COLLECTION	1115	1116	1117	1118	1119	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'	4'	3'6"	3'6"	4'6"	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 55 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS: CHRIS D. ELLIOTT NAME 6/23/95 SIGNATURE DATE						

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #32 (TP32)

Field Sample No.:	TP32-001	TP32-002	TP32-003	TP32-004	TP32-005
Date:	4/11/95	4/11/95	4/11/95	4/11/95	4/11/95
Depth (Ft.):	5.0'	4.0'	3.5'	3.5'	4.5'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

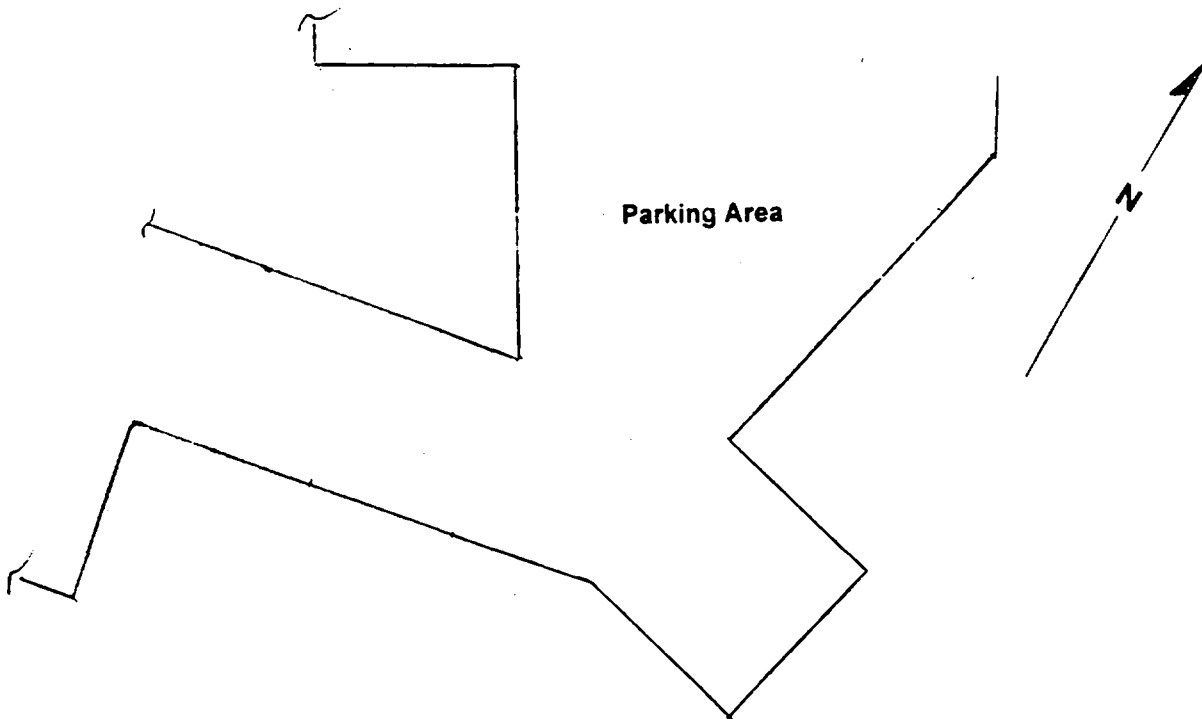
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	49 J	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

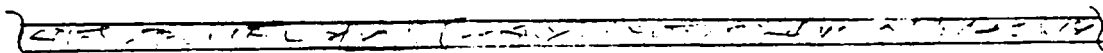
Acenaphthene	400	190 J	U	U	U	U
Fluorene	1000	200	U	U	U	U
Phenanthrene	1000	1300 J	130 J	150 J	U	U
Anthracene	1000	410	45 J	U	U	U
Fluoranthene	1000	1300	260 J	260 J	53 J	36 J
Pyrene	1000	1100	330 J	280 J	49 J	60 J
Benzo(a)anthracene	.04*	510	130 J	120 J	U	U
Chrysene	.04*	650	220 J	180 J	U	U
Benzo(b)fluoranthene	.04*	560	140 J	130 J	U	U
Benzo(k)fluoranthene	.04*	300 J	140 J	120 J	U	U
Benzo(a)pyrene	.04*	470	160 J	130 J	U	46 J
Indeno(1,2,3-cd)pyrene	.04*	270 J	100 J	81 J	U	U
Dibenz(a,h)anthracene	1000	150 J	54 J	46 J	U	U
Benzo(g,h,i)perylene	.04*	280 J	120 J	91 J	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

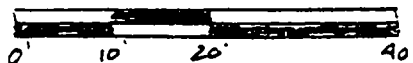
For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.



Samp #	Field ID #	Depth (ft)
1	TP032-001	5
2	TP032-002	4
3	TP032-003	3.5
4	TP032-004	3.5
5	TP032-005	4.5



Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP32

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP33

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP33 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 100 Date Removed: 10 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #33 (TP33)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

- 3. Piping removed - All piping removed. Only copper feed & return lines found and removed.**
- 5. Soil samples; locations; results:***

*** See soil sample location map included with Field Log, immediately after page (3) of this report.**

- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Chris D. Elliott.**

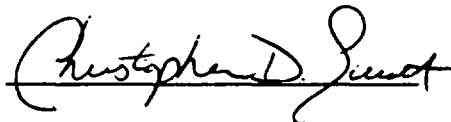
UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #33 (TP33)

2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for
Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New
Jersey**Date Report Prepared:** 30 JUN 1995

UST TP33

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

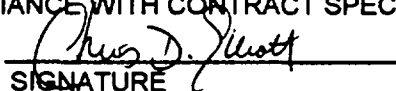
SAMPLE NUMBER	TP33-001	TP33-002	TP33-003	TP33-004	TP33-005	
SAMPLE DATE	4/12/95	4/12/95	4/12/95	4/12/95	4/12/95	
TIME OF COLLECTION	1105	1106	1107	1108	1109	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'	4'6"	4'6"	4'6"	4'6"	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Showers, 45 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE



6/23/95

DATE

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #33 (TP33)

Field Sample No.:	TP33-001	TP33-002	TP33-003	TP33-004	TP33-005
Date:	4/12/95	4/12/95	4/12/95	4/12/95	4/12/95
Depth (Ft.):	5.0'	4.5'	4.5'	4.5'	4.5'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

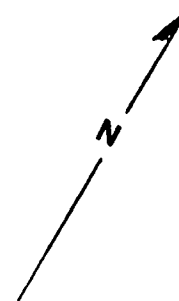
Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	42 J	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	74 J	240 J	100 J	290 J	120 J
Anthracene	1000	U	48 J	U	74 J	U
Fluoranthene	1000	140 J	280 J	180 J	390	220 J
Pyrene	1000	160 J	360 J	220 J	360	270 J
Benzo(a)anthracene	.04*	U	140 J	86 J	170 J	110 J
Chrysene	.04*	100 J	190 J	120 J	200 J	150 J
Benzo(b)fluoranthene	.04*	83 J	130 J	97 J	130 J	120 J
Benzo(k)fluoranthene	.04*	65 J	99 J	63 J	170 J	120 J
Benzo(a)pyrene	.04*	76 J	150 J	93 J	160 J	110 J
Indeno(1,2,3-cd)pyrene	.04*	50 J	84 J	57 J	98 J	69 J
Dibenz(a,h)anthracene	1000	U	53 J	U	57 J	U
Benzo(g,h,i)perylene	.04*	55 J	95 J	63 J	100 J	77 J

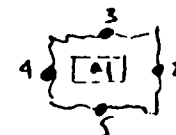
* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

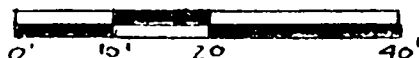
Driveway



Samp #	Field ID #	Depth (ft)
1	TP033-001	5
2	TP033-002	4.5
3	TP033-003	4.5
4	TP033-004	4.5
5	TP033-005	4.5



Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP33

120

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP34

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0087 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP34 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 275 Date Removed: 11 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #34 (TP34)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed - All piping removed. Only copper feed & return lines found and removed.**
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.
6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

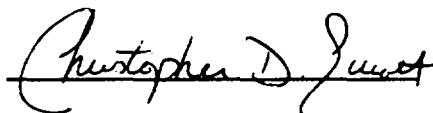
1. **Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #34 (TP34)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.
Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

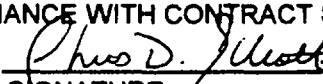
CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 30 JUN 1995

C.U.T.E. FIELD SAMPLE LOG

UST TP34

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP34-001	TP34-002	TP34-003	TP34-004	TP34-005	
SAMPLE DATE	4/12/95	4/12/95	4/12/95	4/12/95	4/12/95	
TIME OF COLLECTION	1124	1125	1126	1127	1128	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'	3'	3'	3'	3'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Cloudy, 45 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME		SIGNATURE			DATE	

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #34 (TP34)

Field Sample No.:	TP34-001	TP34-002	TP34-003	TP34-004	TP34-005
Date:	4/12/95	4/12/95	4/12/95	4/12/95	4/12/95
Depth (Ft.):	4.0'	3.0'	3.0'	3.0'	3.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

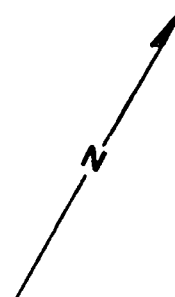
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	80 J	U	79 J	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	55 J	120 J	U	120 J	53 J
Pyrene	1000	66 J	130 J	U	160 J	58 J
Benzo(a)anthracene	.04*	U	54 J	U	63 J	U
Chrysene	.04*	U	65 J	U	87 J	U
Benzo(b)fluoranthene	.04*	U	57 J	U	61 J	U
Benzo(k)fluoranthene	.04*	U	45 J	U	51 J	U
Benzo(a)pyrene	.04*	U	51 J	U	64 J	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	44 J	U

* Detection limit for these compounds is 330 ppb in the best of cases.

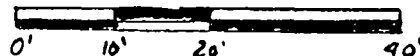
For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

Driveway

Samp #	Field ID #	Depth (ft)
1	TP034-001	4
2	TP034-002	3
3	TP034-003	3
4	TP034-004	3
5	TP034-005	3



Scale: 1" = 20'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP34

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - TP35

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: TP35 Tank Size (Gallons): 275
Tank Dimensions: 3' X 5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 150 Date Removed: 11 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Trailer Park Grounds, Floyd Bennett Field, New York, UST #35 (TP35)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed - All piping removed. Only copper feed & return lines found and removed.**
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector - Chris D. Elliott.**

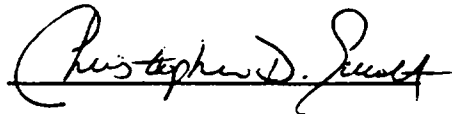
UST CLOSURE REPORT**PAGE 3 OF 3**

Trailer Park Grounds, Floyd Bennett Field, New York, UST #35 (TP35)

2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for
Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New
Jersey**Date Report Prepared:** 30 JUN 1995

UST TP35

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	TP35-001	TP35-002	TP35-003	TP35-004	TP35-005	
SAMPLE DATE	4/11/95	4/11/95	4/11/95	4/11/95	4/11/95	
TIME OF COLLECTION	1515	1516	1517	1518	1519	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	5'	3'	3'	3'	3'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL. (?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 55 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE

6/23/95

DATE

SAMPLE RESULT(S) SUMMARY

Trailer Park Grounds, Floyd Bennett Field, New York, UST #35 (TP35)

Field Sample No.:	TP35-001	TP35-002	TP35-003	TP35-004	TP35-005
Date:	4/11/95	4/11/95	4/11/95	4/11/95	4/11/95
Depth (Ft.):	5.0'	3.0'	3.0'	3.0'	3.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

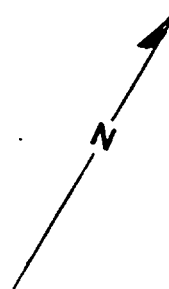
	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	.83	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	78 J	200 J	46 J	U	U
Anthracene	1000	U	39 J	U	U	U
Fluoranthene	1000	100 J	280 J	80 J	55 J	49 J
Pyrene	1000	130 J	330 J	83 J	77 J	60 J
Benzo(a)anthracene	.04*	61 J	140 J	41 J	35 J	U
Chrysene	.04*	72 J	170 J	51 J	44 J	U
Benzo(b)fluoranthene	.04*	68 J	130 J	U	U	U
Benzo(k)fluoranthene	.04*	43 J	45 J	U	U	U
Benzo(a)pyrene	.04*	56 J	140 J	39 J	36 J	U
Indeno(1,2,3-cd)pyrene	.04*	36 J	81 J	U	U	U
Dibenz(a,h)anthracene	1000	U	45 J	U	U	U
Benzo(g,h,i)perylene	.04*	42 J	92 J	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.



Samp #	Field ID #	Depth (ft)
1	TP035-001	5
2	TP035-002	3
3	TP035-003	3
4	TP035-004	3
5	TP035-005	3



Driveway

Scale: 1" = 20'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #TP35

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - NOA1

PAGE 1 OF 3

Contract Number: ^{CS} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: NOA1 Tank Size (Gallons): 275
Tank Dimensions: 3'x5' Product(s) Contained: Gasoline
Volume In Tank (Gallons): 25 Date Removed: 11 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

NOA Area, Floyd Bennett Field, New York, UST #1 (NOA1)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

- 3. Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
- 5. Soil samples; locations; results:***

*** See soil sample location map included with Field Log, immediately after page (3) of this report.**

- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Chris D. Elliott.**

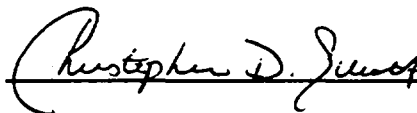
UST CLOSURE REPORT**PAGE 3 OF 3**

NOA Area, Floyd Bennett Field, New York, UST #1 (NOA1)

2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

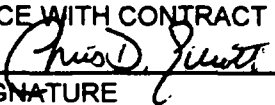
CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 30 JUN 1995

UST NOA1

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

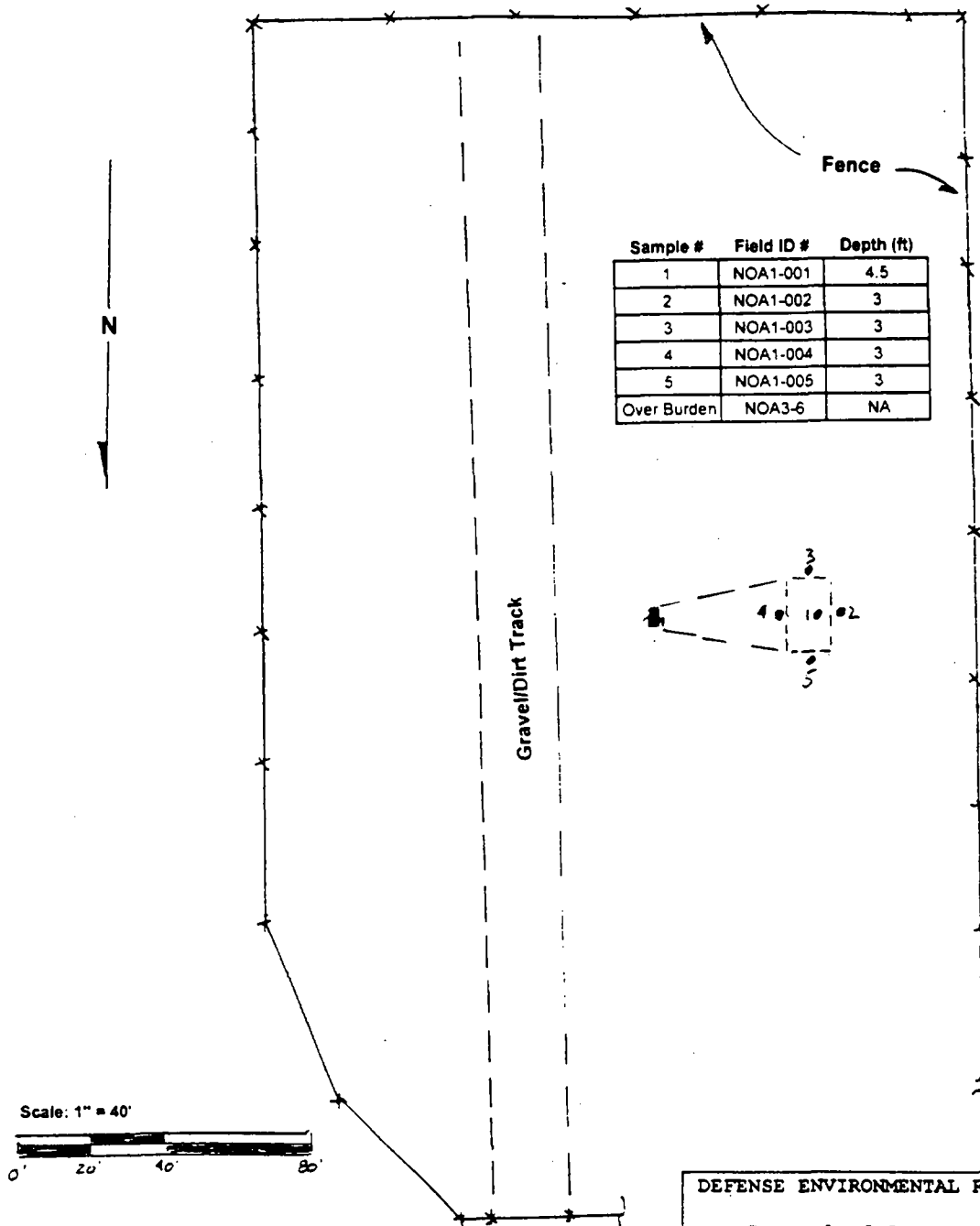
SAMPLE NUMBER	NOA1-001	NOA1-002	NOA1-003	NOA1-004	NOA1-005	See NOA3 for over- burden sample
SAMPLE DATE	4/7/95	4/7/95	4/7/95	4/7/95	4/7/95	
TIME OF COLLECTION	920	921	922	923	924	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'6"	3'	3'	3'	3'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 55 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME			SIGNATURE		DATE	

SAMPLE RESULTS SUMMARY - GASOLINE UST NOA1 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	NOA1-001	NOA1-002	NOA1-003	NOA1-004	NOA1-005
Lab Sample No.:	T504103-1	T504103-2	T504103-3	T504103-4	T504103-5
Date:	4/7/95	4/7/95	4/7/95	4/7/95	4/7/95
Depth(ft.):	4.5	3	3	3	3

Volatile Compounds, ppb

		Guidance				
	Value (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	1.9	6.2	U	3.9	2.1
Ethylbenzene	100	U	1.3	U	1	U
m,p-Xylenes	100	U	4.7	U	2.6	1.3
o-Xylenes	100	U	1.2	U	0.97	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	1.2	U	0.72	U
t-Butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Naphthalene	200	U	U	U	U	U



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #NOA1

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - NOA2

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0087 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: NOA2 Tank Size (Gallons): 275
Tank Dimensions: 3'x5' Product(s) Contained: Gasoline
Volume In Tank (Gallons): 40 Date Removed: 11 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT**PAGE 2 OF 3**

NOA Area, Floyd Bennett Field, New York, UST #2 (NOA2)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
5. **Soil samples; locations; results:***

* **See soil sample location map included with Field Log, immediately after page (3) of this report.**
6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector - Chris D. Elliott.**

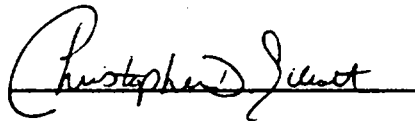
UST CLOSURE REPORT**PAGE 3 OF 3**

NOA Area, Floyd Bennett Field, New York, UST #2 (NOA2)

2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

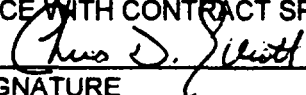
CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 30 JUN 1995

UST NOA2

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

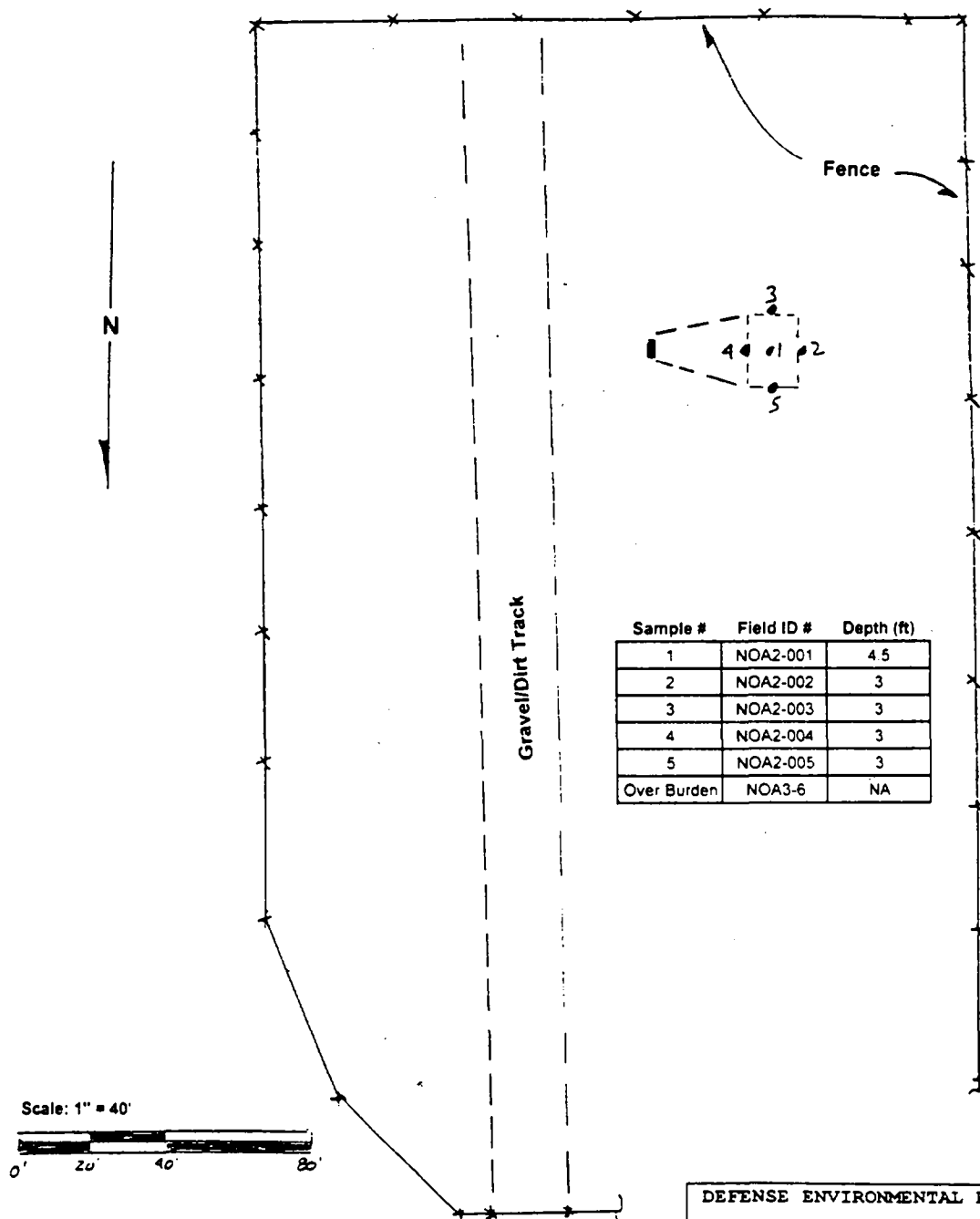
SAMPLE NUMBER	NOA2-001	NOA2-002	NOA2-003	NOA2-004	NOA2-005	See NOA3 for over- burden sample
SAMPLE DATE	4/7/95	4/7/95	4/7/95	4/7/95	4/7/95	
TIME OF COLLECTION	1005	1006	1007	1008	1009	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'6"	3'	3'	3'	3'	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Sunny, 55 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					6/23/95	
NAME		SIGNATURE			DATE	

SAMPLE RESULTS SUMMARY - GASOLINE UST NOA2 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	NOA2-001	NOA2-002	NOA2-003	NOA2-004	NOA2-005
Lab Sample No.:	T504103-6	T504103-7	T504103-8	T504103-9	T50410310
Date:	4/7/95	4/7/95	4/7/95	4/7/95	4/7/95
Depth(ft.):	4.5	3	3	3	3

Volatile Compounds, ppb

	Guidance Value (ppb)					
Benzene	14	U	1.7	U	U	U
Toluene	100	U	24	U	20	25
Ethylbenzene	100	U	4.5	U	3.4	2.6
m,p-Xylenes	100	U	15	U	13	18
o-Xylenes	100	U	4.3	U	2.9	4.1
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	1.1	U	0.81	0.85
1,2,4-Trimethylbenzene	100	U	3.7	U	3.2	3.8
t-Butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Naphthalene	200	U	U	U	U	U



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #NOA2

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - NOA3

PAGE 1 OF 3

Contract Number: DACA51-94-C-0037^{cc} Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: NOA3 Tank Size (Gallons): 275
Tank Dimensions: 3'x5' Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 28 DEC 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT**PAGE 2 OF 3**

NOA Area, Floyd Bennett Field, New York, UST #3 (NOA3)

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
5. **Soil samples; locations; results:***

* **See soil sample location map included with Field Log, immediately after page (3) of this report.**
6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector - Dave Beeman.**

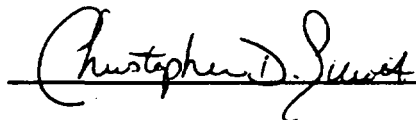
UST CLOSURE REPORT**PAGE 3 OF 3**

NOA Area, Floyd Bennett Field, New York, UST #3 (NOA3)

2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270
for Poly-Aromatic Hydrocarbons (PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

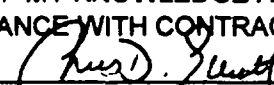
CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 20 FEB 1996**Report Prepared By:** Dave Beeman of C.U.T.E.

UST NOA3

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	NOA3-001	NOA3-002	NOA3-003	NOA3-004	NOA3-005	NOA3-006 OVER
SAMPLE DATE	1/17/96	1/17/96	1/17/96	1/17/96	1/17/96	1/17/96
TIME OF COLLECTION	1000	1005	1010	1015	1020	1025
SAMPLE TYPE (G OR C)*	G	G	G	G	G	C
SAMPLE DEPTH	4'6"	3'	3'	3'	3'	NA
PRESERVATIVES USED	NA	NA	NA	NA	NA	NA
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm
HNU METER CAL.(?)	YES	YES	YES	YES	YES	YES
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	tan
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	none
WEATHER	Sunny, 45 D F					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	none
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					2/20/96	
NAME			SIGNATURE		DATE	

SAMPLE RESULTS SUMMARY - HEATING OIL UST NOA3 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	NOA3-1	NOA3-2	NOA3-3	NOA3-4	NOA3-5	NOA3-6
Lab Sample No.:	T601187-1	T601187-2	T601187-3	T601187-4	T601187-5	T601187-
Date:	1/17/96	1/17/96	1/17/96	1/17/96	1/17/96	1/17/96
Depth(ft.):	4.5	3	3	3	3	NA

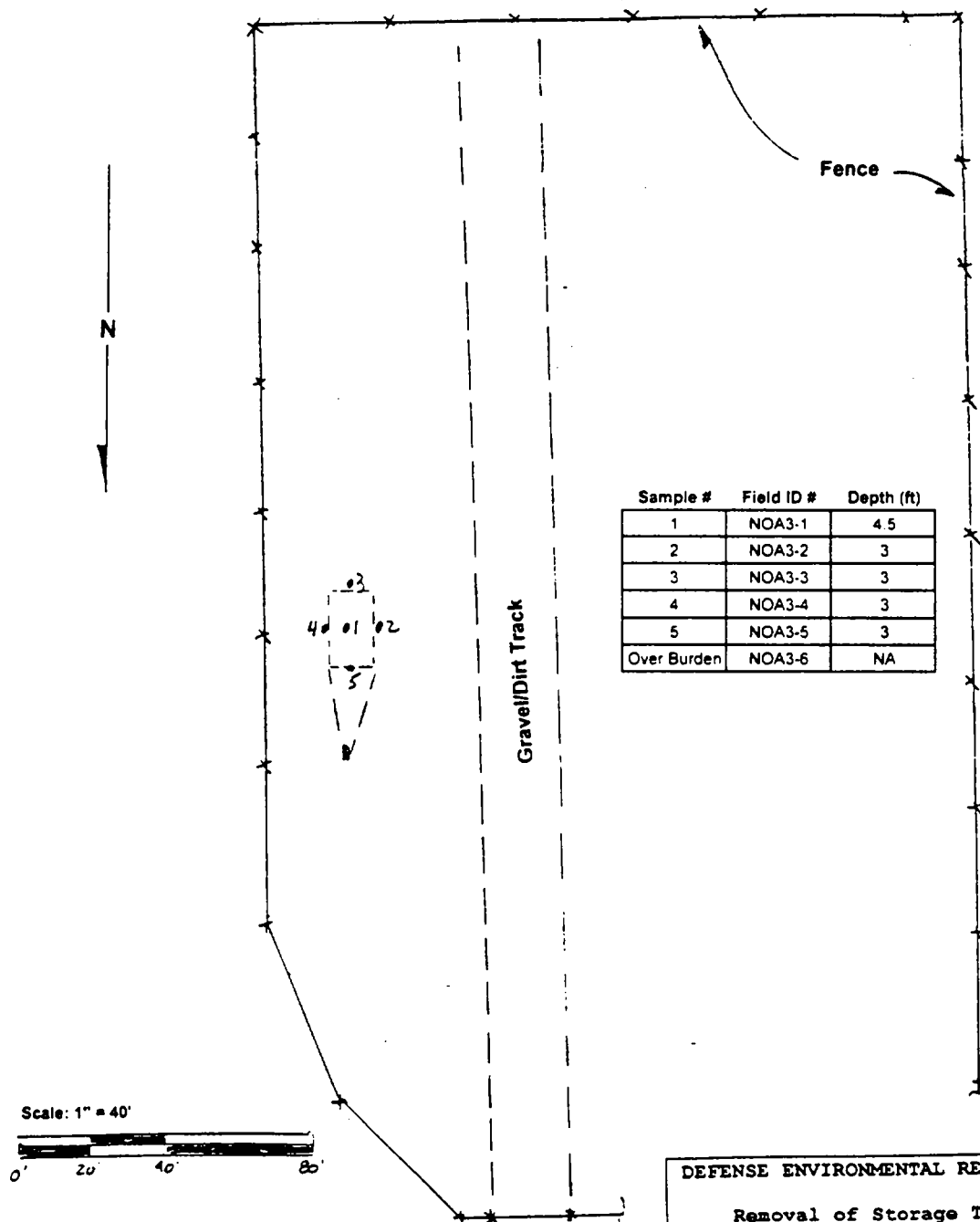
Volatile Compounds, ppb

	Guidance Value (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	0.55
Ethylbenzene	100	0.54	U	U	U	U
m,p-Xylenes	100	U	U	U	U	U
o-Xylenes	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-Butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Naphthalene	200	0.7	0.52	U	U	U

Semi-volatile Compounds, ppb

Naphthalene	200*	U	U	U	U	U
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	U	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	U	U	U	U
Pyrene	1000	U	U	U	U	U
Benzo(a)anthracene	.04*	U	U	U	U	U
Chrysene	.04*	U	U	U	U	U
Benzo(b)fluoranthene	.04*	U	U	U	U	U
Benzo(k)fluoranthene	.04*	U	U	U	U	U
Benzo(a)pyrene	.04*	U	U	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

*Detection Limit is 330 ppb for semi-volatile compounds



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #NOA3

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - POL1

PAGE 1 OF 3

Contract Number: ⁶⁶ DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: POL2 Tank Size (Gallons): 100
Tank Dimensions: 2'x4'3" Product(s) Contained: Runoff
Volume In Tank (Gallons): 5 Date Removed: 15 DEC 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT**PAGE 2 OF 3****POL Area, Floyd Bennett Field, New York, UST #1 (POL1)**

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? Ground-water encountered approximately 2'6" below grade.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.
What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.
- 3. Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
- 5. Soil samples; locations; results:***

*** See soil sample location map included with Field Log, immediately after page (3) of this report.**
- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Dave Beeman.**

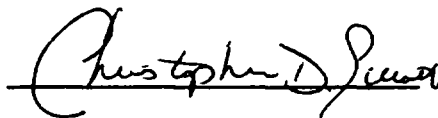
UST CLOSURE REPORT**PAGE 3 OF 3**

POL Area, Floyd Bennett Field, New York, UST #1 (POL1)

2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270
for Poly-Aromatic Hydrocarbons (PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** No off-site fill material was used.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

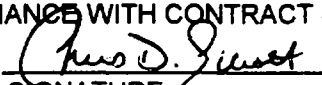
Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 20 FEB 1996**Report Prepared By:** Dave Beeman of C.U.T.E.

UST POL1

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	POL1-001	POL1-002	POL1-003	POL1-004	POL11-005 OVER	
SAMPLE DATE	1/16/96	1/16/96	1/16/96	1/16/96	1/16/96	
TIME OF COLLECTION	1102	1107	1110	1114	1118	
SAMPLE TYPE (G OR C)*	G	G	G	G	C	
SAMPLE DEPTH	2'	2'	2'	2'	NA	
PRESERVATIVES USED	NA	NA	NA	NA	NA	
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES	YES	YES	YES	YES	
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270	8021 8270	
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan	tan	
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	
WEATHER	Cloudy, 35 D F					
GROUNDWATER PRESENT	Ground-water at 2'6" below grade					
ODORS	none	none	none	none	none	
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT						2/20/96
NAME		SIGNATURE				DATE

RESULTS SUMMARY - RUNOFF COLLECTION UST POL-1 FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	1-POL-1	1-POL-2	1-POL-3	1-POL-4	1-POL-5
Lab Sample No.:	T601185-1	T601185-2	T601185-3	T601185-4	T601185-5
Date:	1/16/96	1/16/96	1/16/96	1/16/96	1/16/96
Depth(ft.):	2	2	2	2	NA

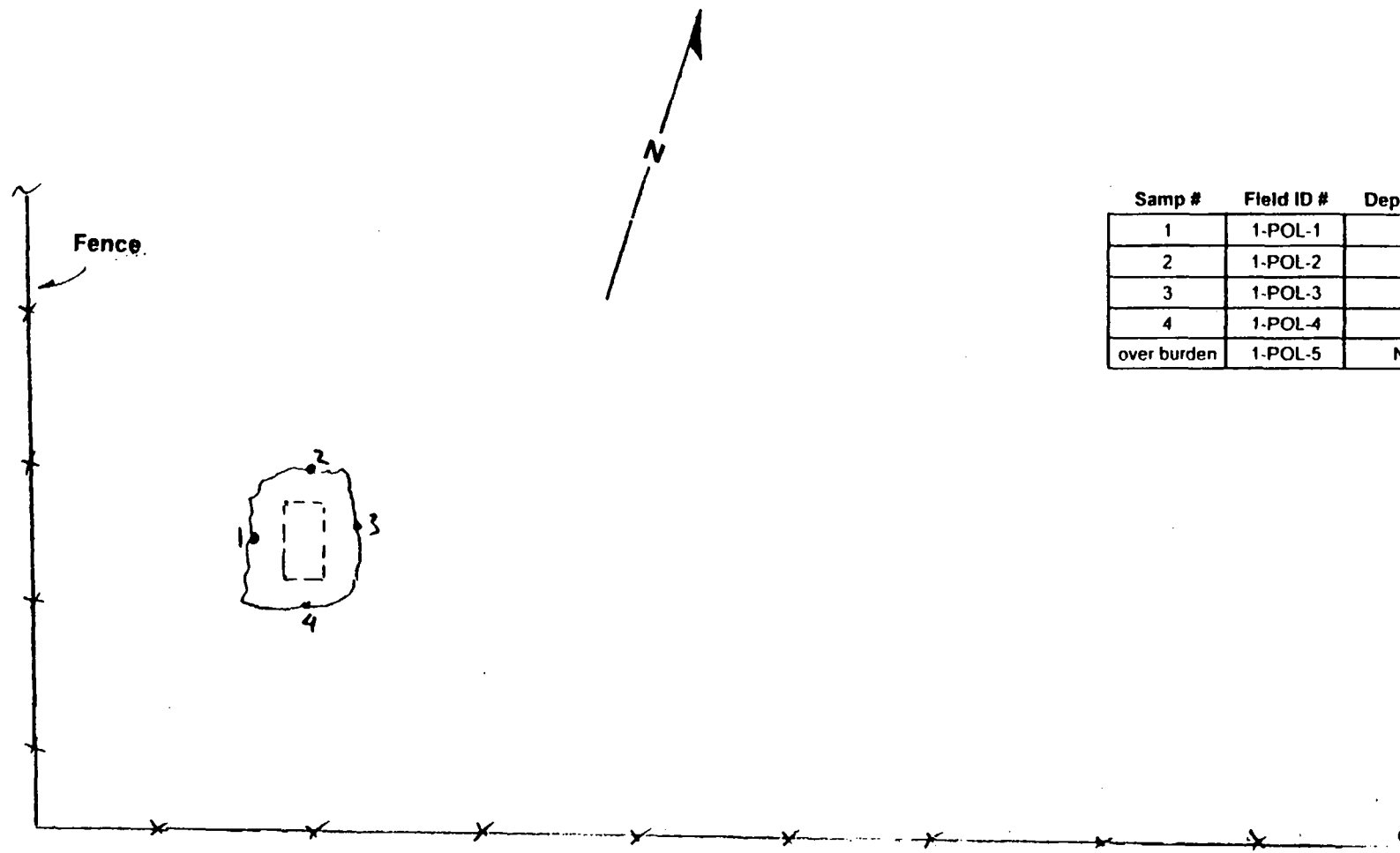
Volatile Compounds, ppb

	Guidance Value (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m,p-Xylenes	100	U	U	U	U	U
o-Xylenes	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	2.7	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-Butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	0.89	U
Naphthalene	200	U	U	U	2	U

Semi-volatile Compounds, ppb

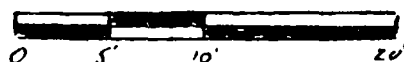
Naphthalene	200*	U	U	U	U	U
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	U	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	U	U	U	U
Pyrene	1000	U	U	U	U	U
Benzo(a)anthracene	.04*	U	U	U	U	U
Chrysene	.04*	U	U	U	U	U
Benzo(b)fluoranthene	.04*	U	U	U	U	U
Benzo(k)fluoranthene	.04*	U	U	U	U	U
Benzo(a)pyrene	.04*	U	U	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

*Detection Limit is 330 ppb for semi-volatile compounds



Samp #	Field ID #	Depth (ft)
1	1-POL-1	2
2	1-POL-2	2
3	1-POL-3	2
4	1-POL-4	2
over burden	1-POL-5	NA

Scale: 1" = 10'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #POL-1

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - POL2

PAGE 1 OF 3

Contract Number: ²DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: POL2 Tank Size (Gallons): 100
Tank Dimensions: 2'x4'3" Product(s) Contained: Runoff
Volume In Tank (Gallons): 10 Date Removed: 15 DEC 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - Visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - To ground-water.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT

PAGE 1 OF 3

Contract Number: DACA51-93-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: POL2 Tank Size (Gallons): 100
Tank Dimensions: 2'x4'3" Product(s) Contained: Runoff
Volume In Tank (Gallons): 10 Date Removed: 15 DEC 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - Visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - To ground-water.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

POL Area, Floyd Bennett Field, New York, UST #2 (POL2)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - Mild petroleum/Swampy organic odor.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? Ground-water encountered approximately 1'0" below grade.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.
- 3. Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
- 5. Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.
- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Dave Beeman.**

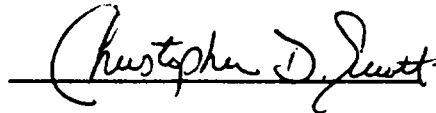
UST CLOSURE REPORT**PAGE 3 OF 3**

POL Area, Floyd Bennett Field, New York, UST #2 (POL2)

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbons (PAHs).
3. **Total amount of contaminated soil removed for disposal - 10 CYS.**
4. **Method of disposal - Recycling.**

Disposal facility - Mount Hope Recycling, NJ.
5. **Fill source - Bank run; Fred McDowell, Inc.**
6. **Results of analysis of on-site material used for backfill - Clean,** sample results included with analytical reports from samples taken at ground-water interface.
7. **Further action required? Yes.** Ground-water investigation necessary. No samples were taken of water in excavation at time of removal. Though soil samples taken at ground-water interface do not indicate the presence of petroleum, it cannot be ruled out that there may be a plume that has shifted away from the former location of the UST.
8. **Area restored? Yes,** backfilled with clean sand, compacted and graded.

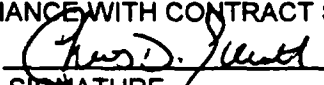
CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 20 FEB 1996**Report Prepared By:** Dave Beeman of C.U.T.E.**NYSDEC Spill #95-09712**

C.U.T.E. FIELD SAMPLE LOG

UST POL2

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	POL2-001	POL2-002	POL2-003	POL2-004		
SAMPLE DATE	1/16/96	1/16/96	1/16/96	1/16/96		
TIME OF COLLECTION	1128	1132	1137	1145		
SAMPLE TYPE (G OR C)*	G	G	G	G		
SAMPLE DEPTH	1'	1'	1'	1'		
PRESERVATIVES USED	NA	NA	NA	NA		
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm		
HNU METER CAL.(?)	YES	YES	YES	YES		
ANALYSIS REQUIRED	8021 8270	8021 8270	8021 8270	8021 8270		
SAMPLE DESCRIPTION	Sand, little silt					
COLOR	tan	tan	tan	tan		
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none		
WEATHER	Cloudy, 35 D F					
GROUNDWATER PRESENT	Ground-water at 1' below grade					
ODORS	none	none	none	none		
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					2/20/96	
NAME			SIGNATURE		DATE	

RESULTS SUMMARY - RUNOFF COLLECTION UST POL-2 FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	2-POL-1	2-POL-2	2-POL-3	2-POL-4
Lab Sample No.:	T601185-6	T601185-7	T601185-8	T601185-9
Date:	1/16/96	1/16/96	1/16/96	1/16/96
Depth(ft.):	1	1	1	1

Volatile Compounds, ppb

	Guidance Value (ppb)				
Benzene	14	U	U	U	U
Toluene	100	U	U	1.1	U
Ethylbenzene	100	U	U	0.63	U
m,p-Xylenes	100	U	U	U	U
o-Xylenes	100	U	U	U	U
Isopropylbenzene	100	U	U	U	U
n-Propylbenzene	100	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U
t-Butylbenzene	100	U	U	0.74	U
Methyl-t-butylether	100	U	U	U	U
sec-Butylbenzene	100	U	U	U	U
n-Butylbenzene	100	U	U	U	U
Naphthalene	200	U	U	U	U

Semi-volatile Compounds, ppb

Naphthalene	200*	U	U	U	U
Acenaphthene	400	U	U	U	U
Fluorene	1000	U	U	U	U
Phenanthrene	1000	U	U	U	U
Anthracene	1000	U	U	U	U
Fluoranthene	1000	U	U	U	U
Pyrene	1000	U	U	U	U
Benzo(a)anthracene	.04*	U	U	U	U
Chrysene	.04*	U	U	U	U
Benzo(b)fluoranthene	.04*	U	U	U	U
Benzo(k)fluoranthene	.04*	U	U	U	U
Benzo(a)pyrene	.04*	U	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U

*Detection Limit is 330 ppb for semi-volatile compounds

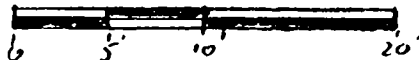


Samp #	Field ID #	Depth (ft)
1	2-POL-1	1
2	2-POL-2	1
3	2-POL-3	1
4	2-POL-4	1



Fence

Scale: 1" = 10'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #POL-2

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - POL3 & POL4

PAGE 1 OF 3

Contract Number: DACA51-94-C-^{CE}0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: POL3 & POL4 Tank Size (Gallons): 3000
Tank Dimensions: 5'4"X18' Product(s) Contained: Gasoline
Volume In Tank (Gallons): Residual Date Removed: 11 AUG 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

POL Area, Floyd Bennett Field, New York, UST #'s 3&4(POL3 & POL4)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? Ground-water encountered 2' below grade.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

- 3. Piping removed - All piping removed. Only copper lines used for feed & return were discovered.**
- 5. Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.
- 6. Groundwater samples - Though ground-water was encountered, conditions did not indicate need for ground-water sampling, i.e. no contaminated soil, sheen, or petroleum odors.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Dave Beeman.**

UST CLOSURE REPORT

PAGE 3 OF 3

POL Area, Floyd Bennett Field, New York, UST #'s 3&4 (POL3 & POL4)

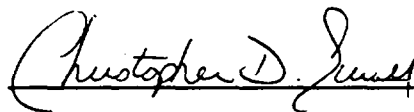
2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** Bank run, Fred McDowell, Inc.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott

Signature:



Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey

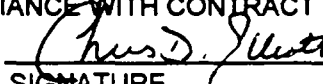
Date Report Prepared: 20 FEB 1996

Report Prepared By: Dave Beeman; C.U.T.E.

USTs POL3 & 4

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

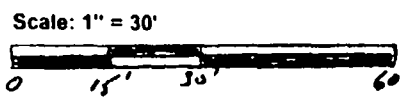
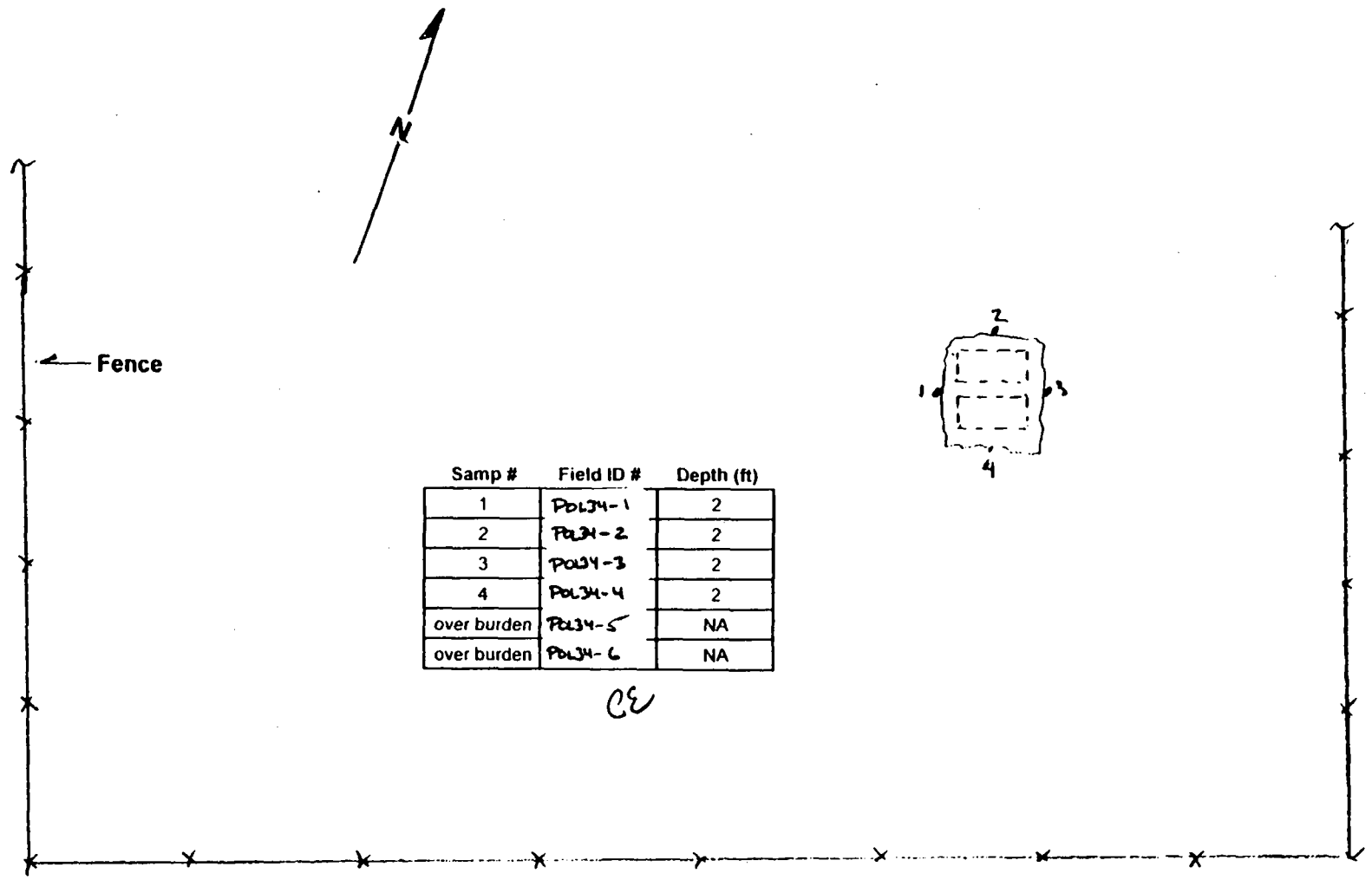
SAMPLE NUMBER	^{CL} POL34-1	^{CL} POL34-2	^{CL} POL34-3	^{CL} POL34-4	^{CL} POL34-5 OVER	^{CL} POL34-6 OVER
SAMPLE DATE	8/16/95	8/16/95	8/16/95	8/16/95	8/16/95	8/16/95
TIME OF COLLECTION	900	904	908	915	920	925
SAMPLE TYPE (G OR C)*	G	G	G	G	C	C
SAMPLE DEPTH	2'	2'	2'	2'	NA	NA
PRESERVATIVES USED	NA	NA	NA	NA	NA	NA
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm
HNU METER CAL.(?)	YES	YES	YES	YES	YES	YES
ANALYSIS REQUIRED	8021	8021	8021	8021	8021	8021
SAMPLE DESCRIPTION	Silty sand; Meadow mat					
COLOR	black	black	black	black	black	black
SOIL TEXTURE	Moist & granular					
MOTTLES	none	none	none	none	none	none
WEATHER	Cloudy, 85 D F					
GROUNDWATER PRESENT	Ground-water at 2' below grade					
ODORS	Swampy organic					
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:						
CHRIS D. ELLIOTT					2/20/96	
NAME	SIGNATURE				DATE	

SAMPLE SUMMARY - GASOLINE UST POL3 & POL4 - FLOYD BENNETT FIELD, BROOKLYN, NY

	CE	CE	CE	CE	CE	CE
Field Sample No.:	POL3-1	POL3-2	POL3-3	POL3-4	POL3-5	POL3-6
Lab Sample No.:	T508274-16	T508274-17	T508274-18	T508274-19	T508274-20	T508274-21
Date:	8/16/95	8/16/95	8/16/95	8/16/95	8/16/95	8/16/95
Depth(ft.):	2	2	2	2	NA	NA

Volatile Compounds, ppb

	Guidance Value (ppb)						
Benzene	14	U	U	U	U	U	U
Toluene	100	U	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U	U
m,p-Xylenes	100	U	U	U	U	U	U
o-Xylenes	100	U	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U	U
t-Butylbenzene	100	U	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U	U
Naphthalene	200	U	U	U	U	U	U



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
USTs #POL-2 & #I

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - GS1, 2 & 3

PAGE 1 OF 3

Contract Number: DACA51-94-C-0037^{CS} Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: GS1, 2 & 3 Tank Size (Gallons): 5000
Tank Dimensions: 6'x23'6" Product(s) Contained: Gasoline
Volume In Tank (Gallons): 3900 Date Removed: 09 AUG 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - Gasoline contaminated soil noted at top of tanks at fill pipe areas.
2. **Depth of stained, discolored and/or contaminated soil** - To ground-water.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - Several at fittings.

UST CLOSURE REPORT

PAGE 2 OF 3

GAS STATION, Floyd Bennett Field, New York, UST #'s 1,2 &3 (GS1, GS2 & GS3)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - Pipe fittings not secure.**
- 7. Noticeable odors before, during, and/or after tank excavations - Strong gasoline odor.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? Ground-water encountered 8.5' below grade.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination?
50 ppm.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? Up to 150 ppm.

- 3. Piping removed - All piping in excavation removed.**
- 5. Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.
- 6. Groundwater samples - No ground-water samples were taken.***

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Dave Beeman.**

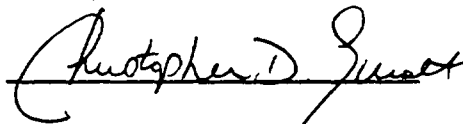
UST CLOSURE REPORT**PAGE 3 OF 3**

GAS STATION, Floyd Bennett Field, New York, UST #'s 1,2 &3 (GS1, GS2 & GS3)

2. **Laboratory methods used for determination of soil contamination** - EPA Method 8021 for Volatile Organic(s)(VOAs).
3. **Total amount of contaminated soil removed for disposal** - Approx. 50 CYS.
4. **Method of disposal** - Recycling.

Disposal facility - Mount Hope Recycling, NJ.
5. **Fill source** - Bank run, Fred McDowell, Inc.
6. **Results of analysis of on-site material used for backfill** - All overburden was removed as contaminated for later disposal.
7. **Further action required?** *Yes. Though results of soil samples taken 1' above ground-water interface are below regulatory limits, the fact that; (1), the geology of the area is strictly sand and is highly permeable; (2), gasoline "travels" well through such a medium; (3), tank bottoms were in ground-water at time of removal, and; (4) contaminated soil was noted down to the ground-water interface, indicates that a ground-water study is necessary in the form of monitoring wells and regular sampling for the presence of VOAs including MTBE.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 20 FEB 1996**Report Prepared By:** Dave Beeman; C.U.T.E.; Revised Christopher D. Elliott**NYSDEC Spill #95-05775**

C.U.T.E.

FIELD SAMPLE LOG

USTs GS1, 2 & 3

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	RRGS-1	RRGS-2	RRGS-3	RRGS-4		
SAMPLE DATE	8/10/95	8/10/95	8/10/95	8/10/95		
TIME OF COLLECTION	1230	1235	1240	1245		
SAMPLE TYPE (G OR C)*	G	G	G	G		
SAMPLE DEPTH	7'6"	7'6"	7'6"	7'6"		
PRESERVATIVES USED	NA	NA	NA	NA		
DATA COLLECTED (HNU)	0 ppm	0 ppm	2 ppm	0 ppm		
HNU METER CAL.(?)	YES	YES	YES	YES		
ANALYSIS REQUIRED	8021	8021	8021	8021		
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Tan/brown					
SOIL TEXTURE	Moist & granular					
MOTTLES	None	none	none	none		
WEATHER	Sunny, 85 D F					
GROUNDWATER PRESENT	Ground-water at 2' below grade					
ODORS	None					

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

SIGNATURE

2/20/96
DATE

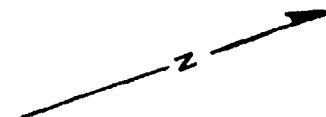
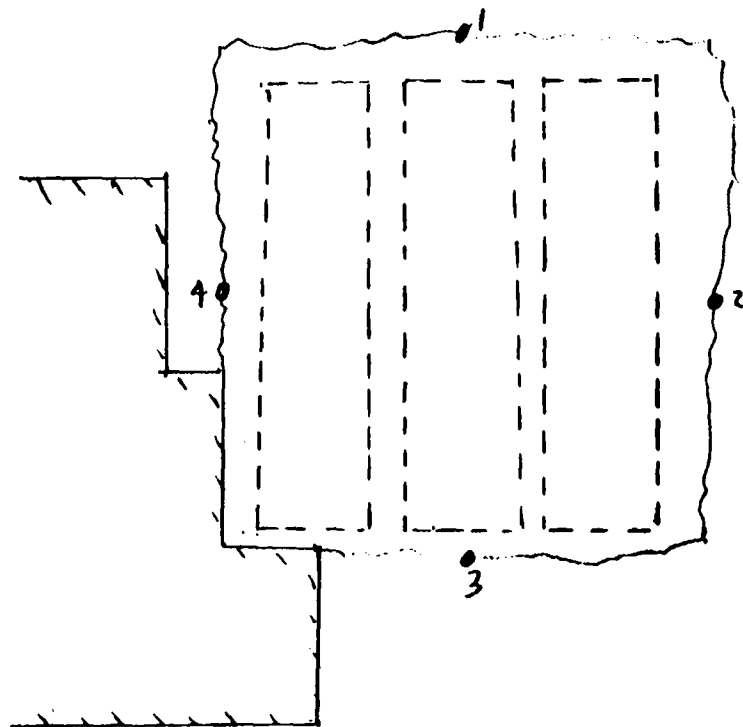
SAMPLE SUMMARY - GASOLINE USTs GS1, GS2, & GS3 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	RRGS-1	RRGS-2	^{CE} RRGS-3	RRGS-4
Lab Sample No.:	T508168-5	T508168-6	T508168-7	T508168-8
Date:	8/10/95	8/10/95	8/10/95	8/10/95
Depth(ft.):	7.5	7.5	7.5	7.5

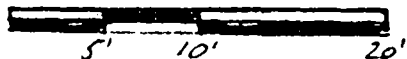
Volatile Compounds, ppb

	Guidance Value (ppb)				
Benzene	14	U	U	U	U
Toluene	100	U	U	U	U
Ethylbenzene	100	U	U	6.9	U
m,p-Xylenes	100	U	U	4.5	U
o-Xylenes	100	U	U	16	U
Isopropylbenzene	100	U	U	U	U
n-Propylbenzene	100	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U
t-Butylbenzene	100	U	U	U	U
Methyl-t-butylether	100	U	U	U	U
sec-Butylbenzene	100	U	U	U	U
n-Butylbenzene	100	U	U	U	U
Naphthalene	200	U	U	U	U

Samp #	Field ID#	Depth (ft)
1	RRGS-1	7.5
2	RRGS-2	7.5
3	RRGS-3	7.5
4	RRGS-4	7.5



Scale: 1" = 10'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
USTs #GS1, #GS2, & #GS3

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - H5

PAGE 1 OF 3

Contract Number: DACA51-94-C-^{CE}0087 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: H5 Tank Size (Gallons): 550
Tank Dimensions: 4'x5'5" ^{CE} Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 550 Date Removed: 14 AUG 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - N/A.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

HANGAR 5, Floyd Bennett Field, New York, UST #5 (H5)

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? N/A.**
- 9. Free product on groundwater? Thickness? N/A.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination?
0 ppm.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 ppm.

- 3. Piping removed - All piping in excavation removed.**
- 5. Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

- 6. Groundwater samples - N/A.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Dave Beeman.**

UST CLOSURE REPORT

PAGE 3 OF 3

HANGAR 5, Floyd Bennett Field, New York, UST #5 (H5)

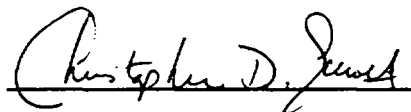
- 2. Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270
for Poly-Aromatic Hydrocarbons (PAHs).
- 3. Total amount of contaminated soil removed for disposal -** None.
- 4. Method of disposal -** N/A.

Disposal facility - N/A.
- 5. Fill source -** No off-site fill material was used.
- 6. Results of analysis of on-site material used for backfill -** Clean,
results included here on sample summary sheets.
- 7. Further action required?** None.
- 8. Area restored?** Yes, backfilled with *in situ* material, compacted and
graded.

**CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.**

Name: Christopher D. Elliott

Signature:



Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New
Jersey

Date Report Prepared: 20 FEB 1996

Report Prepared By: Dave Beeman; C.U.T.E.

UST H5

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	H5-01 ^{CE}	H5-02 ^{CE}	H5-03 ^{CE}	H5-04 ^{CE}	H5-05 ^{CE}	H5-06 ^{CE} OVER
SAMPLE DATE	8/14/95					
TIME OF COLLECTION	1401	1402	1403	1404	1405	1406
SAMPLE TYPE (G OR C)*	G	G	G	G	G	C
SAMPLE DEPTH	5'6"	3'	3'	3'	3'	NA
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm
HNU METER CAL. (?)	YES					
ANALYSIS REQUIRED	8021 8270					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/tan					
SOIL TEXTURE	Granular					
MOTTLES	None	none	none	none		
WEATHER	Sunny, 95 D F					
GROUNDWATER PRESENT	No ground-water present					
ODORS	None					

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:		
CHRIS D. ELLIOTT		2/20/96
NAME	SIGNATURE	DATE

SAMPLE RESULTS SUMMARY - HEATING OIL UST H5 - FLOYD BENNETT FIELD, BROOKLYN, NY

	CE H5-01	CE H5-02	CE H5-03	CE H5-04	CE H5-05	CE H5-06
Field Sample No.:						
Lab Sample No.:	T508193-1	T508193-2	T508193-3	T508193-4	T508193-5	T508193-6
Date:	8/14/95	8/14/95	8/14/95	8/14/95	8/14/95	8/14/95
Depth(ft.):	5.5	3	3	3	3	NA

Volatile Compounds, ppb

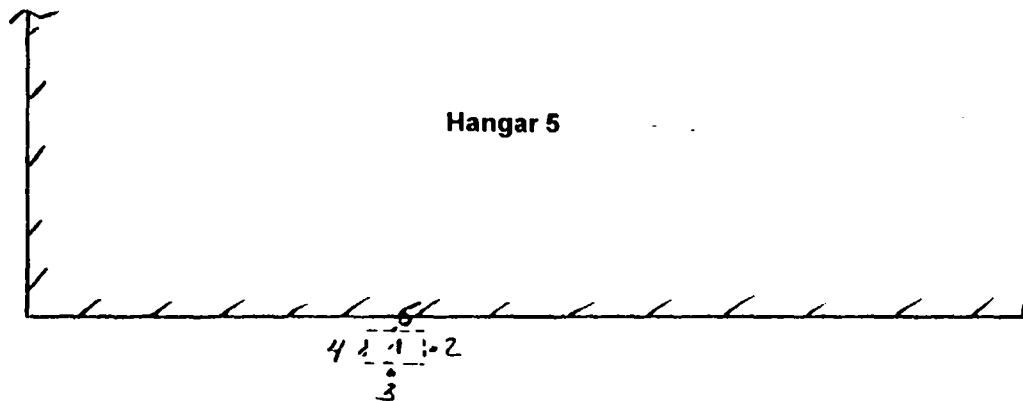
	Guidance Value (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m,p-Xylenes	100	U	U	U	U	U
o-Xylenes	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-Butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Naphthalene	200	U	U	U	U	U

Semi-volatile Compounds, ppb

Naphthalene	200*	U	U	U	U	U
Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	U	U
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	U	U	U	130J
Pyrene	1000	U	U	U	U	100J
Benzo(a)anthracene	.04*	U	U	U	U	U
Chrysene	.04*	U	U	U	U	U
Benzo(b)fluoranthene	.04*	U	U	U	U	U
Benzo(k)fluoranthene	.04*	U	U	U	U	U
Benzo(a)pyrene	.04*	U	U	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

*Detection Limit is 330 ppb for semi-volatile compounds

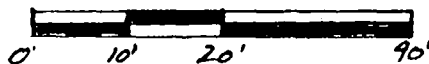
J - Compound was detected below method detection limit. Concentration given is an estimate.



Samp #	Field ID#	Depth (ft)
1	HS-01	5.5
2	HS-02	3
3	HS-03	3
4	HS-04	3
5	HS-05	3
Over Burden	HS-06	NA

CE

Scale: 1" = 20'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #H5

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - H7

PAGE 1 OF 3

Contract Number: DACA51-94-C-^{CE}0087 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: H7 Tank Size (Gallons): 10000
Tank Dimensions: 10'6"x26'9" Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 7300 Date Removed: 16 AUG 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - Visually contaminated soil observed at pipe/tank fittings and at bottom of excavation.
2. **Depth of stained, discolored and/or contaminated soil** - To ground-water.
3. **Sheen** - Sheen noted on ground-water.
4. **Noticeable leaks in pipe joints** - At pipe/tank fittings.

UST CLOSURE REPORT**PAGE 2 OF 3****HANGAR 7, Floyd Bennett Field, New York, UST #7 (H7)**

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - Holes noted in UST and piping.**
- 7. Noticeable odors before, during, and/or after tank excavations - Strong petroleum odor throughout.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? 8' below grade; None removed.**
- 9. Free product on groundwater? Thickness? No, only sheen present.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination?
10 ppm.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 10 ppm.

- 3. Piping removed - All piping in excavation removed.**
- 5. Soil samples; locations; results:***

*** See soil sample location map included with Field Log, immediately after page (3) of this report.**

- 6. Groundwater samples - N/A.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - Dave Beeman.**

UST CLOSURE REPORT**PAGE 3 OF 3****HANGAR 7, Floyd Bennett Field, New York, UST #7 (H7)**

- 2. Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270
for Poly-Aromatic Hydrocarbons (PAHs).
- 3. Total amount of contaminated soil removed for disposal -** Approx. 60
CYS.
- 4. Method of disposal -** Recycling.

Disposal facility - mount Hope Recycling, NJ.
- 5. Fill source -** Bank run; Fred McDowell, Inc.
- 6. Results of analysis of on-site material used for backfill -** All
overburden removed for disposal as contaminated.
- 7. Further action required?** Yes. Samples taken at ground-water interface.
Sample #01 (closest to building) over regulatory limits for Fluoranthene.
Ground-water had sheen on it. Possibility of ground-water contamination.
Recommend installation of monitor wells and regular sampling for VOAs
and PAHs.
- 8. Area restored?** Yes, area backfilled, compacted and graded, and paved.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.

Name: Christopher D. Elliott **Signature:** 

Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New
Jersey

Date Report Prepared: 20 FEB 1996

Report Prepared By: Dave Beeman; C.U.T.E.; Revised by Christopher D. Elliott

NYSDEC Spill #95-06032

UST H7

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

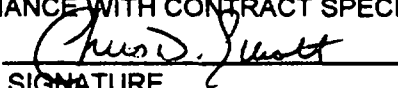
SAMPLE NUMBER	H7-1 ^{CE}	H7-2 ^{CE}	H7-3 ^{CE}	H7-4 ^{CE}		
SAMPLE DATE	8/16/95					
TIME OF COLLECTION	1305	1310	1314	1320		
SAMPLE TYPE (G OR C)*	G	G	G	G		
SAMPLE DEPTH	7'	7'	7'	7'		
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm		
HNU METER CAL.(?)	YES					
ANALYSIS REQUIRED	8021 8270					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/tan					
SOIL TEXTURE	Moist & granular					
MOTTLES	None	none	none	none		
WEATHER	Sunny, 90 D F					
GROUNDWATER PRESENT	Ground-water present at 8' below grade					
ODORS	None					

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE



2/20/96

DATE

SAMPLE RESULT(S) SUMMARY

Hanger 7, Floyd Bennett Field, New York UST #H7

	CL	CL	CL	CL
Field Sample No.:	H7-1	H7-2	H7-3	H7-4
Date:	8/16/95	8/16/95	8/16/95	8/16/95
Depth (Ft.):	70"	70"	70"	70"

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)				
Benzene	14	U	U	U	U
Toluene	100	U	U	U	U
Ethylbenzene	100	U	U	U	U
m-p Xylenes	100	U	U	U	U
o-Xylene	100	U	U	U	U
Isopropylbenzene	100	U	U	U	U
n-Propylbenzene	100	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U
t-butylbenzene	100	U	U	U	U
Methyl-t-butylether	100	U	U	U	U
sec-Butylbenzene	100	U	U	U	U
n-Butylbenzene	100	U	U	U	U
Napthalene (8021)	200	U	U	U	U

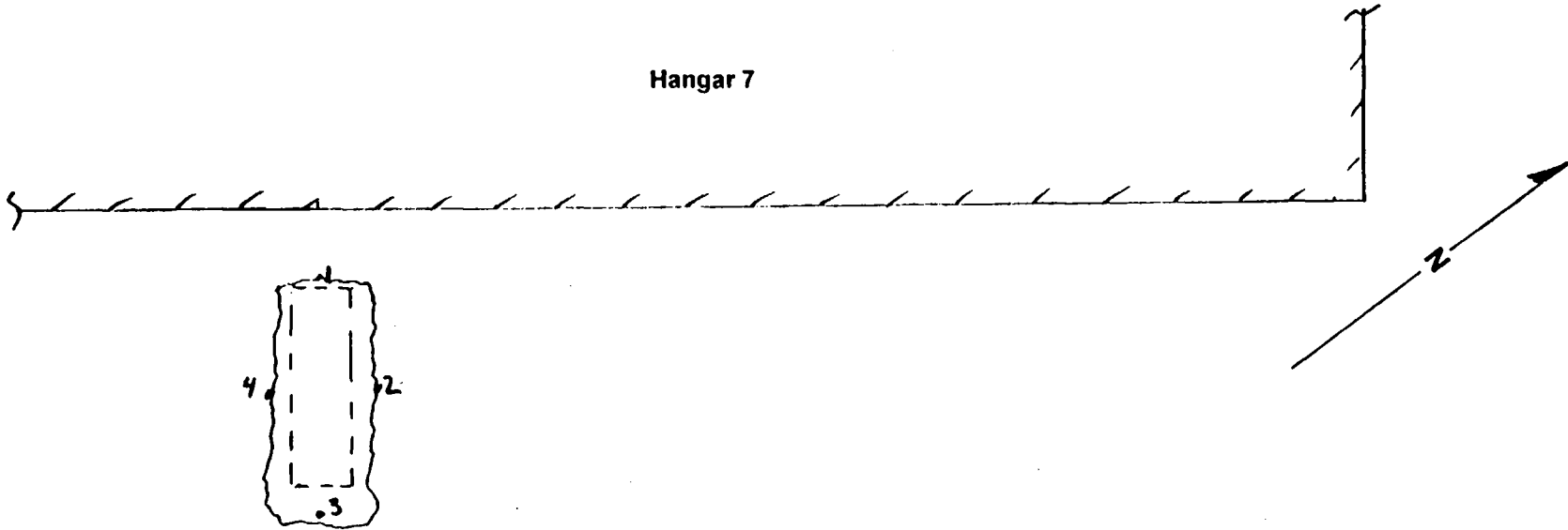
Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	110 J	U	U	73 J
Fluorene	1000	100 J	U	U	U
Phenanthrene	1000	820	U	120 J	520
Anthracene	1000	230 J	U	U	170 J
Fluoranthene	1000	1100	U	160 J	780
Pyrene	1000	740	U	100 J	550
Benzo(a)anthracene	.04*	430	U	U	330 J
Chrysene	.04*	430	U	63 J	320 J
Benzo(b)fluoranthene	.04*	470	U	U	340 J
Benzo(k)fluoranthene	.04*	380	U	U	310 J
Benzo(a)pyrene	.04*	440	U	U	340 J
Indeno(1,2,3-cd)pyrene	.04*	200 J	U	U	150 J
Dibenz(a,h)anthracene	1000	U	U	U	U
Benzo(g,h,i)perylene	.04*	200 J	U	U	170 J

* Detection limit for these compounds is 330 ppb in the best of cases.

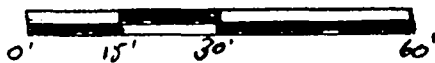
For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

Hangar 7



Sample #	Field ID #	Depth (ft)
1	H7-01	7
2	H7-02	7
3	H7-03	7
4	H7-04	7

Scale: 1" = 30'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #H7-1

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - H7-2

PAGE 1 OF 3

Contract Number: ⁶⁶ DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: H7-2 Tank Size (Gallons): 1000
Tank Dimensions: 5'4"x6" Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 1000 Date Removed: 16 AUG 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - Visually contaminated soil observed at pipe/tank fittings and at bottom of excavation. This material was generated by the adjacent 10000 G UST #H7.
2. **Depth of stained, discolored and/or contaminated soil** - To top of UST, approx. 1'6" below grade.
3. **Sheen** - N/A.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

CL PAGE 2 OF 3

HANGAR 7, Floyd Bennett Field, New York, UST #7-1 (H7-1)

5. **Localized areas of corrosion** - None.
6. **Holes or pits in tanks and/or pipes** - None.
7. **Noticeable odors before, during, and/or after tank excavations** - None.
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation?** None encountered.
9. **Free product on groundwater? Thickness?** N/A.

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used?** HNU-PID.
2. **Tank removed.**
What were the readings from any areas of visual contamination?
10 ppm.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 ppm.

3. **Piping removed** - All piping in excavation removed.
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples** - N/A.

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector** - Dave Beeman.

UST CLOSURE REPORT

HANGAR 7, Floyd Bennett Field, New York, UST #7-1 (H7-1)

PAGE 3 OF 3

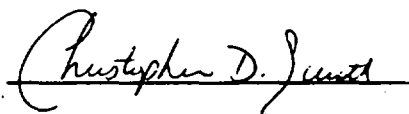
2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270
for Poly-Aromatic Hydrocarbons (PAHs).
3. **Total amount of contaminated soil removed for disposal -** Approx. 5
CYS.
4. **Method of disposal -** Recycling.

Disposal facility - mount Hope Recycling, NJ.
5. **Fill source -** Bank run; Fred McDowell, Inc.
6. **Results of analysis of on-site material used for backfill -** All
overburden removed for disposal as contaminated.
7. **Further action required?** Yes; In conjunction with ground-water
investigation to be conducted for removal of adjacent 10000 G UST #H7.
8. **Area restored?** Yes, area backfilled, compacted and graded, and paved.

**CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.**

Name: Christopher D. Elliott

Signature:



Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New
Jersey

Date Report Prepared: 20 FEB 1996

Report Prepared By: Dave Beeman; C.U.T.E.; Revised by Christopher D. Elliott

NYSDEC Spill #95-06032 (Same as UST #H7)

C.U.T.E. FIELD SAMPLE LOG

UST H7-2

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	H7-2-1	H7-2-2	H7-2-3	H7-2-4	H7-2-5	
SAMPLE DATE	8/16/95					
TIME OF COLLECTION	1435	1440	1443	1447	1500	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	6'6"	4'6"	4'6"	4'6"	4'6"	
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm		
HNU METER CAL.(?)	YES					
ANALYSIS REQUIRED	8021 8270					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/tan					
SOIL TEXTURE	Granular					
MOTTLES	None	none	none	none		
WEATHER	Sunny, 90 D F					
GROUNDWATER PRESENT	None					
ODORS	None					

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

SIGNATURE

2/20/96
DATE

SAMPLE RESULT(S) SUMMARY

Hanger 7, Floyd Bennett Field, New York, UST #H7-2

Field Sample No.:	H7-2-1	H7-2-2	H7-2-3	H7-2-4	H7-2-5
Date:	8/16/95	8/16/95	8/16/95	8/16/95	8/16/95
Depth (Ft.):	6'6"	4'6"	4'6"	4'6"	4'6"

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

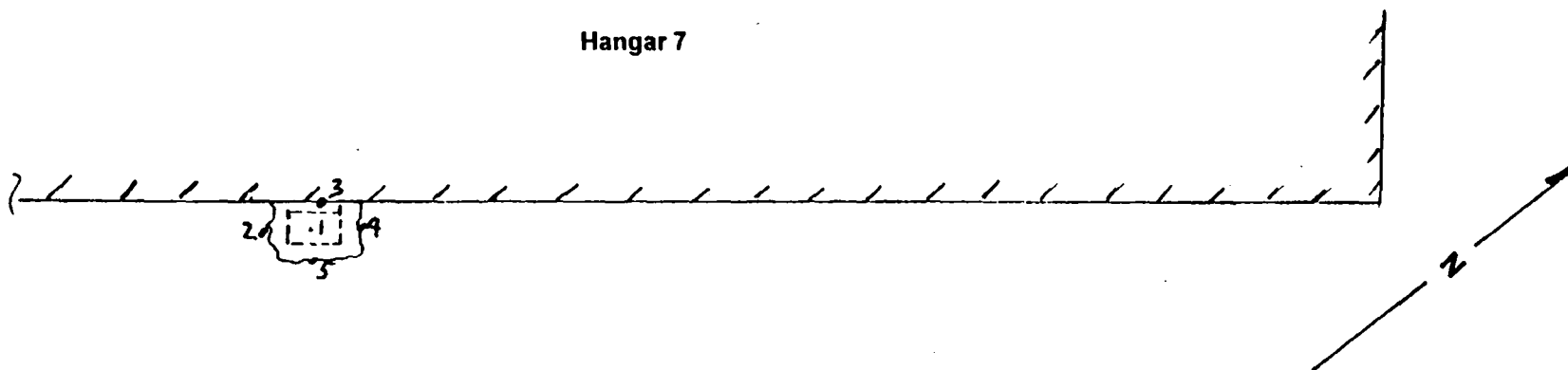
Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	U	U
Fluorene	1000	U	U	U	U	U
Phenanthrene	1000	U	U	U	U	210 J
Anthracene	1000	U	U	U	U	U
Fluoranthene	1000	U	U	U	U	380
Pyrene	1000	U	U	U	U	240 J
Benzo(a)anthracene	.04*	U	U	U	U	160 J
Chrysene	.04*	U	U	U	U	150 J
Benzo(b)fluoranthene	.04*	U	U	U	U	150 J
Benzo(k)fluoranthene	.04*	U	U	U	U	120 J
Benzo(a)pyrene	.04*	U	U	U	U	150 J
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U

* Detection limit for these compounds is 330 ppb in the best of cases.

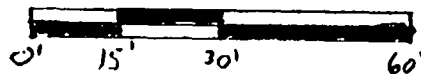
For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

Hangar 7



Sample #	Field ID #	Depth (ft)
1	H7-2-1	6.5
2	H7-2-2	4.5
3	H7-2-3	4.5
4	H7-2-4	4.5
5	H7-2-5	4.5

Scale: 1" = 30'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #H7-2

CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881

UST CLOSURE REPORT - H7-3

PAGE 1 OF 3

Contract Number: DACA51-94-C-^{cc}0087 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: H7-3 Tank Size (Gallons): 500
Tank Dimensions: 3'6"x7" Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): Residual Date Removed: 13 DEC 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - N/A.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT**PAGE 2 OF 3****HANGAR 7, Floyd Bennett Field, New York, UST #7-3 (H7-3)**

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - None.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? N/A.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination?
0 ppm.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 ppm.
- 3. Piping removed - All piping in excavation removed.**
- 5. Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.
- 6. Groundwater samples - N/A.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

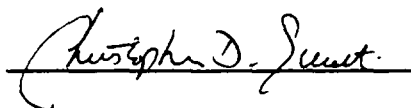
- 1. Sample collector - Dave Beeman.**

UST CLOSURE REPORT**PAGE 3 OF 3****HANGAR 7, Floyd Bennett Field, New York, UST #7-3 (H7-3)**

- 2. Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270
for Poly-Aromatic Hydrocarbons (PAHs).
- 3. Total amount of contaminated soil removed for disposal -** None.
- 4. Method of disposal -** N/A.

Disposal facility - N/A.
- 5. Fill source -** Bank run; Fred McDowell, Inc.
- 6. Results of analysis of on-site material used for backfill -** This UST
was located directly under former location of UST #H7-2. All overburden
was material used to previously backfill area.
- 7. Further action required?** No.
- 8. Area restored?** Yes, area backfilled, compacted and graded, and paved.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New
Jersey**Date Report Prepared:** 20 FEB 1996**Report Prepared By:** Dave Beeman; C.U.T.E.

C.U.T.E. FIELD SAMPLE LOG

UST H7-3

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	H7-3-1	H7-3-2	H7-3-3	H7-3-4	H7-3-5	
SAMPLE DATE	1/16/95					
TIME OF COLLECTION	1012	1015	1020	1023	1027	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	7'6"	6'	6'	6'	6'	
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES					
ANALYSIS REQUIRED	8021 8270					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/tan					
SOIL TEXTURE	Granular					
MOTTLES	None					
WEATHER	Cloudy, 35 D F					
GROUNDWATER PRESENT	None					
ODORS	None					

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:		
CHRIS D. ELLIOTT		2/20/96
NAME	SIGNATURE	DATE

SAMPLE RESULT(S) SUMMARY

Hanger 7, Floyd Bennett Field, New York, UST #3 (H&-3)

Field Sample No.:	H7-3-1	H7-3-2	H7-3-3	H7-3-4	H7-3-5
Date:	1/16/96	1/16/96	1/16/96	1/16/96	1/16/96
Depth (Ft.):	7.5'	6'	6'	6'	6'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U

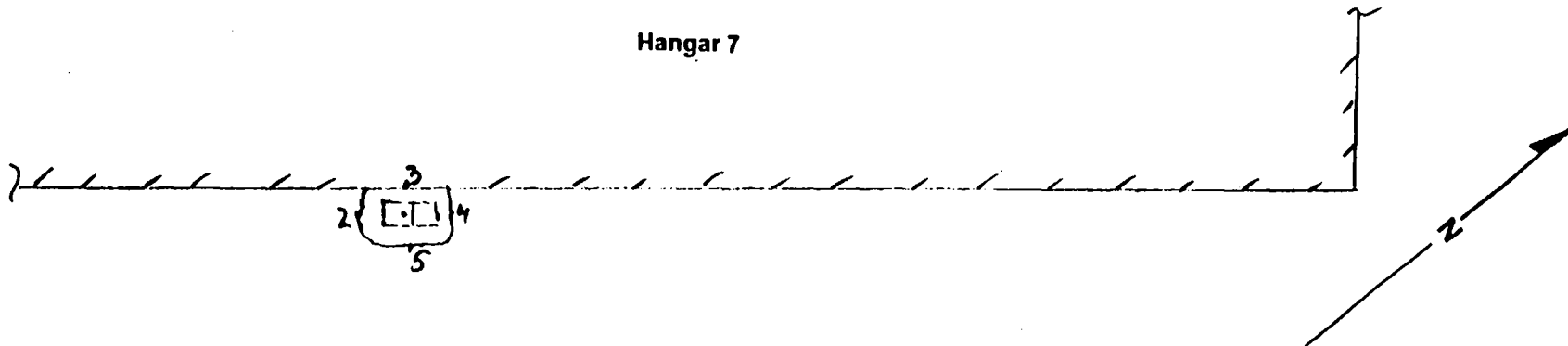
Poly-Aromatic Hydrocarbons (PAHs), EPA Method 8270, (ppb)

Acenaphthene	400	U	U	U	110 J	U
Fluorene	1000	U	U	U	100 J	U
Phenanthrene	1000	U	U	41 J	1100	45 J
Anthracene	1000	U	U	U	140 J	U
Fluoranthene	1000	86 J	U	64 J	950	58 J
Pyrene	1000	96 J	U	89 J	1500	60 J
Benzo(a)anthracene	.04*	46 J	U	47 J	440	U
Chrysene	.04*	60 J	U	54 J	510	U
Benzo(b)fluoranthene	.04*	56 J	U	43 J	340 J	U
Benzo(k)fluoranthene	.04*	68 J	U	38 J	420	U
Benzo(a)pyrene	.04*	53 J	U	52 J	430	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	47 J	410	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	64 J	500	U

* Detection limit for these compounds is 330 ppb in the best of cases.

For the purpose of this summary, in the VOA section, U means less than 1 ppb, and; in the PAH section, U means less than 360 ppb.

Hangar 7



Sample #	Field ID #	Depth (ft)
1	H7-3-1	7.5
2	H7-3-2	6
3	H7-3-3	6
4	H7-3-4	6
5	H7-3-5	6

Scale: 1" = 30'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #H7-3

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - 26-1 & 2

PAGE 1 OF 4

Contract Number: DACA51-94-C-^{CE}~~0037~~ Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, various Locations, New York
Tank Number: 26-1 & 2 Tank Size (Gallons): 5000
Tank Dimensions: 6'x23'7" Product(s) Contained: Gasoline
Volume In Tank (Gallons): 3500 Date Removed: 24 AUG 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - Contaminated soil noted in vadose (saturated) zone under former location of concrete encasement vault.*
2. **Depth of stained, discolored and/or contaminated soil** - As noted above.
3. **Sheen** - Yes.
4. **Noticeable leaks in pipe joints** - None.

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations -**
Strong gasoline odor noted at vadose zone.
8. **Groundwater encountered? Depth to groundwater? Volume removed**
from excavation? 7' below grade, beneath former location of concrete
vault.*
9. **Free product on groundwater? Thickness? Sheen as noted above.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination?
100 ppm.

What were the results from headspace analysis taken from the
sidewall, bottom of the excavation, and below the bottom of the
excavation? 250 ppm.
3. **Piping removed - All piping in excavation removed.**
5. **Soil samples; locations; results:***

* **See soil sample location map included with Field Log,**
immediately after page (3) of this report.
6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of
complete analyses have been submitted under separate cover.

1. **Sample collector - David Beeman.**

Building 26, Floyd Bennett Field, New York, UST #'s 1 & 2(26-1 & 26-2)

2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs).
3. **Total amount of contaminated soil removed for disposal - None.**
Contaminated material all located in vadose zone. Too much water in soil to properly remove and stockpile.*
4. **Method of disposal - N/A.**

Disposal facility - N/A.
5. **Fill source - Bank run; Fred McDowell, Inc.**
6. **Results of analysis of on-site material used for backfill - Clean,**
sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required? *Yes, however, due to the fact that these USTs**
were encased in concrete and where in perfect condition at the time of removal, the location of petroleum contamination beneath the former location of the vault in the vadose zone would indicate that perhaps there where other USTs at this location prior to installation of the vault, and that those USTs must have leaked. The other possibility is that there is (are) other gasoline USTs in the area that are leaking, and that a contaminated plume has developed and has spread into surrounding soils/ground-water. Strongly recommend installation of ground-water monitoring wells followed by *in situ* treatment of soils/ground-water via bioremediation/degradation.
8. **Area restored? Yes, backfilled with clean sand, compacted and graded.**

UST CLOSURE REPORT

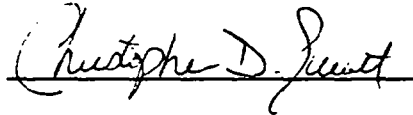
PAGE 4 OF 4

Building 26, Floyd Bennett Field, New York, UST #'s 1 & 2(26-1 & 26-2)

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott

Signature:



Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey

Date Report Prepared: 20 FEB 1996

Report Prepared By: David Beeman, representing C.U.T.E.; Revised by Christopher D. Elliott.

NYSDEC Spill #95-06406

USTs 26-1 & 2

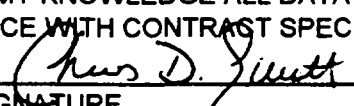
C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	26-1	26-2	26-3	26-4	26-5	26-6 OVER
SAMPLE DATE	1/16/95					
TIME OF COLLECTION	1100	1105	1108	1111	1115	1120
SAMPLE TYPE (G OR C)*	G	G	G	G	G	C
SAMPLE DEPTH	7'6"	6'	6'	6'	6'	NA
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	100 ppm	0 ppm
HNU METER CAL.(?)	YES					
ANALYSIS REQUIRED	8021					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/tan					
SOIL TEXTURE	Moist & granular					
MOTTLES	None					
WEATHER	Sunny, 85 D F					
GROUNDWATER PRESENT	Ground-water present 7' below grade					NA
ODORS	None				Gas	None

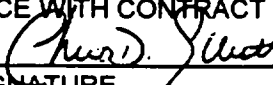
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRAST SPECIFICATIONS:

CHRIS D. ELLIOTT		2/20/96
NAME	SIGNATURE	DATE

USTs 26-1 & 2

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

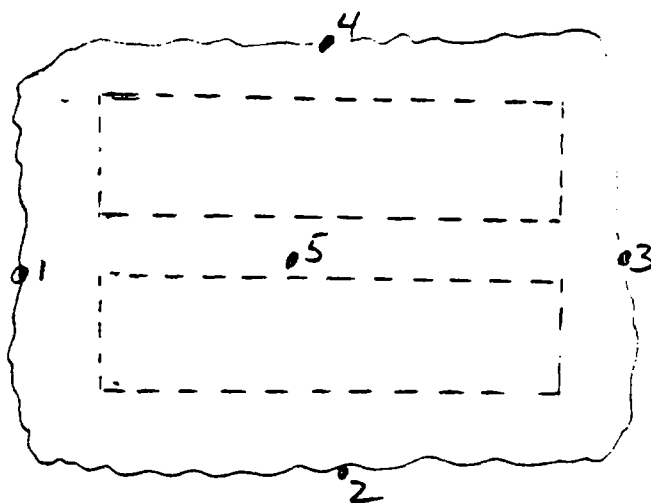
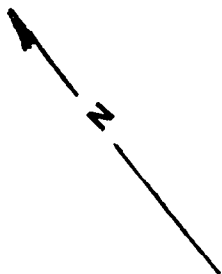
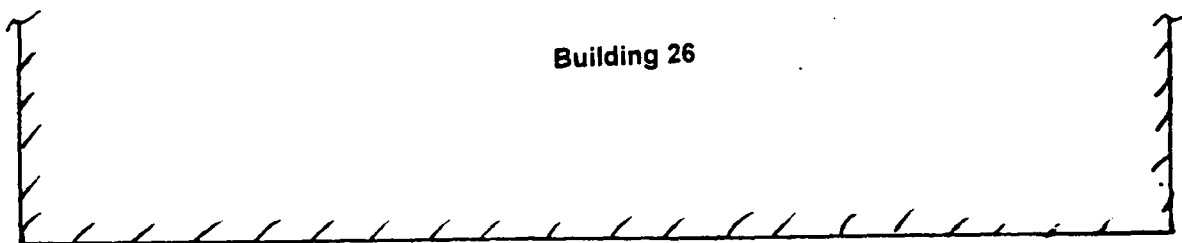
SAMPLE NUMBER	26-7 OVER				
SAMPLE DATE	8/24/95				
TIME OF COLLECTION	1122				
SAMPLE TYPE (G OR C)*	C				
SAMPLE DEPTH	NA				
PRESERVATIVES USED	NA				
DATA COLLECTED (HNU)	0 ppm				
HNU METER CAL.(?)	YES				
ANALYSIS REQUIRED	8021				
SAMPLE DESCRIPTION	Sand; little silt				
COLOR	Brown/ tan				
SOIL TEXTURE	Dry and granular				
MOTTLES	None				
WEATHER	Sunny, 90 D F, low humidity				
GROUNDWATER PRESENT	NA				
ODORS	None				
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:					
CHRIS D. ELLIOTT					2/20/96
NAME		SIGNATURE			DATE

SAMPLE SUMMARY - GASOLINE USTs 26-1 & 26-2 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	26-1	26-2	26-3	26-4	26-5	26-6	26-7
Lab Sample No.:	T508424-1	T508424-2	T508424-3	T508424-4	T508424-5	T508424-6	T508424-7
Date:	8/24/95	8/24/95	8/24/95	8/24/95	8/24/95	8/24/95	8/24/95
Depth(ft.):	4	4	4	4	7	NA	NA

Volatile Compounds, ppb

	Guidance Value (ppb)							
Benzene	14	U	U	U	U	21	U	U
Toluene	100	U	U	U	U	24	U	U
Ethylbenzene	100	U	0.56	U	U	100	U	U
m,p-Xylenes	100	U	U	U	U	330	U	U
o-Xylenes	100	U	1.1	U	U	150	U	U
Isopropylbenzene	100	U	2	U	U	180	U	U
n-Propylbenzene	100	U	37	U	U	2100	U	U
p-Isopropyltoluene	100	U	3.7	U	U	61	U	U
1,3,5-Trimethylbenzene	100	0.6	2.3	U	U	450	U	U
1,2,4-Trimethylbenzene	100	0.92	1.5	U	U	1200	U	U
t-Butylbenzene	100	U	12	U	U	860	U	U
Methyl-t-butylether	100	U	U	U	U	U	U	U
sec-Butylbenzene	100	U	4.1	U	U	130	U	U
n-Butylbenzene	100	U	1.2	U	U	550	U	U
Naphthalene	200	5	0.83	U	U	1300	U	0.91



Samp #	Field ID#	Depth (ft)
1	26-1	4
2	26-2	4
3	26-3	4
4	26-4	4
5	26-5	7
Over Burden	26-6	NA
Over Burden	26-7	NA

Scale: 1" = 20'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST's #26-1 & #26-2

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - 86

PAGE 1 OF 3

Contract Number: ^{CE} DACA51-94-C-0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: 86 Tank Size (Gallons): 5000
Tank Dimensions: 5'4"x30' Product(s) Contained: Diesel
Volume In Tank (Gallons): Residual Date Removed: 19 APR 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation. Contamination noted in extended pipe trench running along North side of building.
2. **Depth of stained, discolored and/or contaminated soil** - To 4'6" in pipe trench.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - Yes.

UST CLOSURE REPORT

PAGE 2 OF 3

Building 86, Floyd Bennett Field, New York, UST #86

- 5. Localized areas of corrosion - None.**
- 6. Holes or pits in tanks and/or pipes - Entire extended pipe run was pitted and had obvious holes.**
- 7. Noticeable odors before, during, and/or after tank excavations - None.**
- 8. Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
- 9. Free product on groundwater? Thickness? None.**

FIELD MEASUREMENTS AND ANALYSIS:

- 1. Which field instruments were used? HNU-PID.**
- 2. Tank removed.**
What were the readings from any areas of visual contamination?
0-5 ppm (pipe run).

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the UST excavation? 0 PPM.

- 3. Piping removed - All piping removed including extended run noted above.**
- 5. Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.
- 6. Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

- 1. Sample collector - David Beeman.**

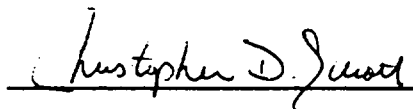
UST CLOSURE REPORT**PAGE 3 OF 3**

Building 86, Floyd Bennett Field, New York, UST #86

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** Approx. 50 CYS.
4. **Method of disposal -** Recycling.

Disposal facility - Mount Hope Recycling, NJ.
5. **Fill source -** Bank run; Fred McDowell, Inc.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** Yes, further excavation and removal of contaminated soil from pipe trench in the areas from Sample #'s L2 through L4. (See sample log and map). No ground-water investigation necessary.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:**

Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey

Date Report Prepared: 20 FEB 1996

Report Prepared By: David Beeman, C.U.T.E.; Revised by Christopher D. Elliott

NOTE: No NYSDEC # generated at time of UST and piping removal.

UST 86

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	86-001	86-002	86-003	86-004	86-005	86-006 OVER
SAMPLE DATE	4/19/95					
TIME OF COLLECTION	1435	1439	1441	1444	1448	1505
SAMPLE TYPE (G OR C)*	G	G	G	G	G	C
SAMPLE DEPTH	4'6"	4'6"	4'6"	4'6"	7'	NA
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm
HNU METER CAL.(?)	YES					
ANALYSIS REQUIRED	8021 8270					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/tan					
SOIL TEXTURE	Dry & granular					
MOTTLES	None					
WEATHER	Sunny, 75 D F					
GROUNDWATER PRESENT	None					
ODORS	None					
I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS: CHRIS D. ELLIOTT NAME 2/20/96 SIGNATURE DATE						

C.U.T.E. FIELD SAMPLE LOG

UST 86

1. CONTRACT #94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	86-007 OVER	L86-1	L86-2	L86-3	L86-4
SAMPLE DATE	4/19/95	8/23/95			
TIME OF COLLECTION	1506	1410	1425	1420	1425
SAMPLE TYPE (G OR C)*	C	G	G	G	G
SAMPLE DEPTH	NA	2'	3'	3'	4'6"
PRESERVATIVES USED	NA				
DATA COLLECTED (HNU)	0 ppm				
HNU METER CAL.(?)	YES				
ANALYSIS REQUIRED	8021 8270				
SAMPLE DESCRIPTION	Sand; little silt				
COLOR	Brown/ tan				
SOIL TEXTURE	Dry and granular				
MOTTLES	None				
WEATHER	Sunny, 75 D F	Sunny, 90 D F			
GROUNDWATER PRESENT	NA				
ODORS	None				

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE

2/20/96

DATE

SAMPLE RESULTS SUMMARY - DIESEL UST 86 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	TP86-001	TP86-001	TP86-001	TP86-001	TP86-001	TP86-001	TP86-001
Lab Sample No.:	T504314-1	T504314-2	T504314-3	T504314-4	T504314-5	T504314-6	T504314-7
Date:	4/19/95	4/19/95	4/19/95	4/19/95	4/19/95	4/19/95	4/19/95
Depth(ft.):	4.5	4.5	4.5	4.5	7	NA	NA

Volatile Compounds, ppb

	Guidance Value (ppb)						
Benzene	14	U	U	U	U	U	U
Toluene	100	0.76	U	U	U	U	1.4
Ethylbenzene	100	U	U	U	U	U	1.4
m,p-Xylenes	100	U	U	U	U	U	4.4
o-Xylenes	100	U	U	U	U	U	1.6
Isopropylbenzene	100	U	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	0.56	U	U	1.8
t-Butylbenzene	100	U	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U	U
Naphthalene	200	U	U	U	U	U	U

Semi-volatile Compounds, ppb

Naphthalene	200*	U	U	U	U	U	U
Acenaphthene	400	U	U	U	U	U	U
Fluorene	1000	U	U	U	U	U	U
Phenanthrene	1000	U	U	U	U	U	U
Anthracene	1000	U	U	U	U	U	U
Fluoranthene	1000	65J	U	78J	U	U	U
Pyrene	1000	52J	U	79J	U	U	U
Benzo(a)anthracene	.04*	U	U	49J	U	U	U
Chrysene	.04*	66J	U	87J	U	U	U
Benzo(b)fluoranthene	.04*	87J	U	110J	U	U	U
Benzo(k)fluoranthene	.04*	69J	U	100J	U	U	U
Benzo(a)pyrene	.04*	50J	U	61J	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	45J	U	63J	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	55J	U	75J	U	U	U

*Detection Limit is 330 ppb for semi-volatile compounds

J - Compound was detected below the method detection limit. Concentration given is an estimate.

SAMPLE RESULTS SUMMARY - DIESEL UST 86 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	L86-1	L86-2	L86-3	L86-4
Lab Sample No.:	T508424-15	T508424-16	T508424-17	T508424-18
Date:	8/23/95	8/23/95	8/23/95	8/23/95
Depth(ft.):	4.5	4.5	4.5	7

Volatile Compounds, ppb

	Guidance Value (ppb)				
Benzene	14	U	U	U	U
Toluene	100	U	U	U	U
Ethylbenzene	100	U	U	U	U
m,p-Xylenes	100	U	U	U	U
o-Xylenes	100	U	U	U	U
Isopropylbenzene	100	U	U	U	U
n-Propylbenzene	100	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U
t-Butylbenzene	100	U	U	U	U
Methyl-t-butylether	100	U	U	U	U
sec-Butylbenzene	100	U	U	U	U
n-Butylbenzene	100	U	U	U	U
Naphthalene	200	U	U	U	U

Semi-volatile Compounds, ppb

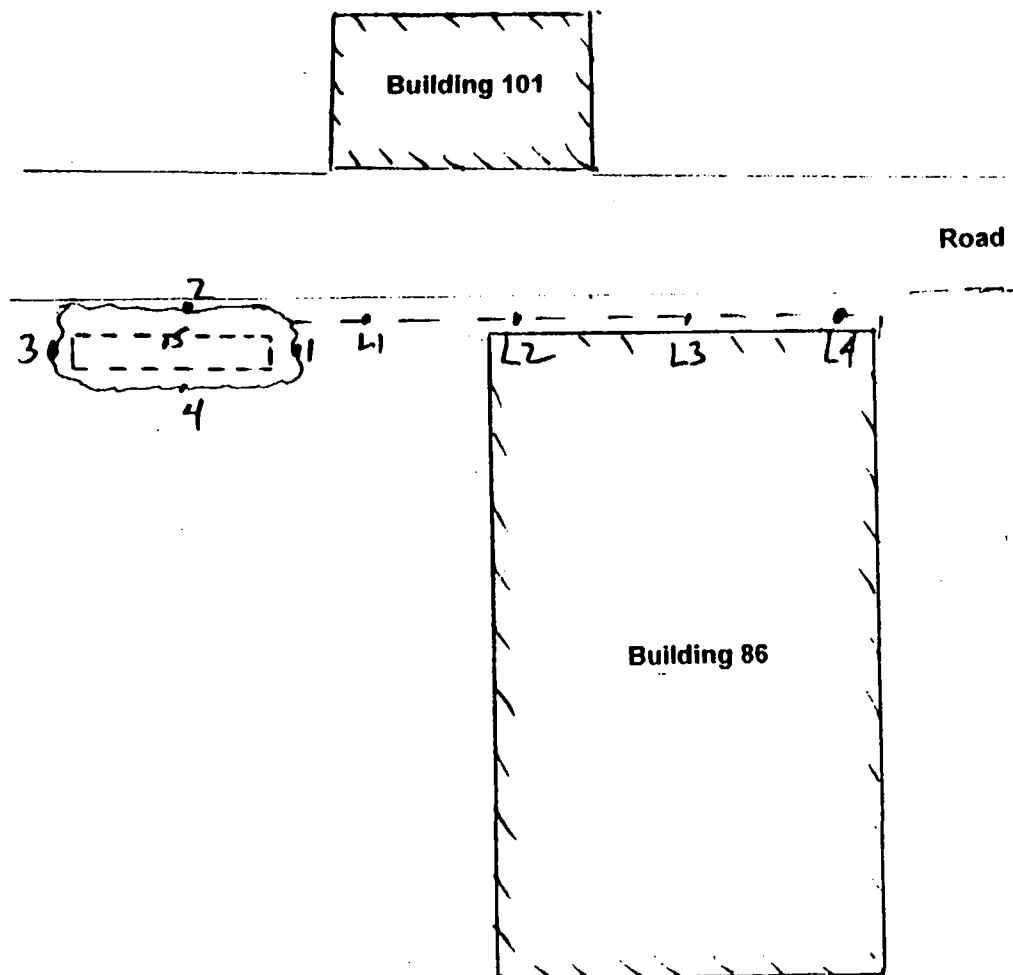
Naphthalene	200*	U	U	95J	2400D
Acenaphthene	400	U	U	140J	620JD
Fluorene	1000	U	U	130J	U
Phenanthrene	1000	U	670	980	U
Anthracene	1000	U	170J	220J	1700D
Fluoranthene	1000	U	1800	1200	U
Pyrene	1000	U	1600	990	U
Benzo(a)anthracene	.04*	U	870	610	U
Chrysene	.04*	U	860	620	U
Benzo(b)fluoranthene	.04*	U	700	430	U
Benzo(k)fluoranthene	.04*	U	650	530	U
Benzo(a)pyrene	.04*	U	830	510	U
Indeno(1,2,3-cd)pyrene	.04*	U	540	350J	U
Dibenz(a,h)anthracene	1000	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	550	330J	U

*Detection Limit is 330 ppb for semi-volatile compounds

J - Compound was detected below the method detection limit. Concentration given is an estimate.

D - Dilution of sample was performed, concentration is an estimate, possibly over stated.

CE
Questionable



Samp #	Field ID#	Depth (ft)
1	TP86-001	4.5
2	TP86-002	4.5
3	TP86-003	4.5
4	TP86-004	4.5
5	TP86-005	7
Over Burden	TP86-006	NA
Over Burden	TP86-007	NA
L1	L86-1	2
L2	L86-2	3
L3	L86-3	3
L4	L86-4	4.5

DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

**GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY**

**UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #86**

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - 88

PAGE 1 OF 3

Contract Number: DACA51-94-C^{CE}0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: 88 Tank Size (Gallons): 2500
Tank Dimensions: 5'4"x15' Product(s) Contained: Diesel
Volume In Tank (Gallons): 2500 Date Removed: 17 AUG 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. Tank/pipe design - Single-layer steel; No monitoring devices present.
2. Age of equipment - 30+ years.
3. History of Spills - None.
4. Past analytical Results - None.
5. Well records - None.
6. Drinking water wells in vicinity - None.
7. Potentially affected areas - None.

FIELD OBSERVATIONS:

1. Tank and/or pipe Excavation - Visually contamination soil noted in extended in UST excavation around and under former location.
2. Depth of stained, discolored and/or contaminated soil - To ground-water.
3. Sheen - Yes.
4. Noticeable leaks in pipe joints - None.

UST CLOSURE REPORT**PAGE 2 OF 3**

Building 88, Floyd Bennett Field, New York, UST #88

5. **Localized areas of corrosion** - None.
6. **Holes or pits in tanks and/or pipes** - None.
7. **Noticeable odors before, during, and/or after tank excavations** -
Upon exposure of contaminated soil.
8. **Groundwater encountered? Depth to groundwater? Volume removed
from excavation?** Ground-water encountered at 8'6" below grade.
9. **Free product on groundwater? Thickness?** Sheen as noted above.

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used?** HNU-PID.
2. **Tank removed.**
What were the readings from any areas of visual contamination?
0 ppm.

**What were the results from headspace analysis taken from the
sidewall, bottom of the excavation, and below the bottom of the
UST excavation?** 100 PPM.

3. **Piping removed** - All piping in excavation removed.
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log,
immediately after page (3) of this report.

6. **Groundwater samples** - NA.

LAB MEASUREMENTS AND ANALYSIS:

**All laboratory results are listed on sample location map(s). Copies of
complete analyses have been submitted under separate cover.**

1. **Sample collector** - David Beeman.

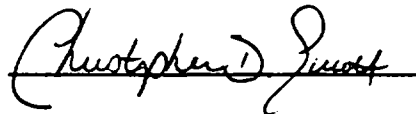
UST CLOSURE REPORT**PAGE 3 OF 3**

Building 88, Floyd Bennett Field, New York, UST #88

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. **Total amount of contaminated soil removed for disposal -** Approx. 50 CYS.
4. **Method of disposal -** Recycling.

Disposal facility - Mount Hope Recycling, NJ.
5. **Fill source -** Bank run; Fred McDowell, Inc.
6. **Results of analysis of on-site material used for backfill -** All overburden removed from excavation and stockpiled as contaminated for later disposal.
7. **Further action required?** Yes, ground-water investigation is recommended. Suggest installation of monitoring wells with regular sampling for VOAs and PAHs.
8. **Area restored?** Yes, backfilled with clean sand, compacted, graded, seeded and mulched.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:****Representing:** Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey**Date Report Prepared:** 20 FEB 1996**Report Prepared By:** David Beeman, C.U.T.E.; Revised by Christopher D. Elliott**NYSDEC Spill #95-06090**

UST 88

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

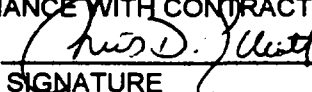
SAMPLE NUMBER	88-1	88-2	88-3	88-4	88-5	88-6 OVER
SAMPLE DATE	8/16/95					
TIME OF COLLECTION	1535	1540	1544	1548	1557	1602
SAMPLE TYPE (G OR C)*	G	G	G	G	G	G
SAMPLE DEPTH	7'6"	7'6"	7'6"	7'6"	1'6"	1'6"
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm
HNU METER CAL.(?)	YES					
ANALYSIS REQUIRED	8021 8270					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/tan					
SOIL TEXTURE	Dry & granular					
MOTTLES	None					
WEATHER	Sunny, 80 D F					
GROUNDWATER PRESENT	None					
ODORS	None					

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE



2/20/96

DATE

SAMPLE RESULTS SUMMARY - DIESEL UST 88 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	88-1	88-2	88-3	88-4	88-5	88-6
Lab Sample No.:	T508274-10	T508274-11	T508274-12	T508274-13	T508274-14	T508274-15
Date:	8/17/95	8/17/95	8/17/95	8/17/95	8/17/95	8/17/95
Depth(ft.):	7.5	7.5	7.5	7.5	1.5	1.5

Volatile Compounds, ppb

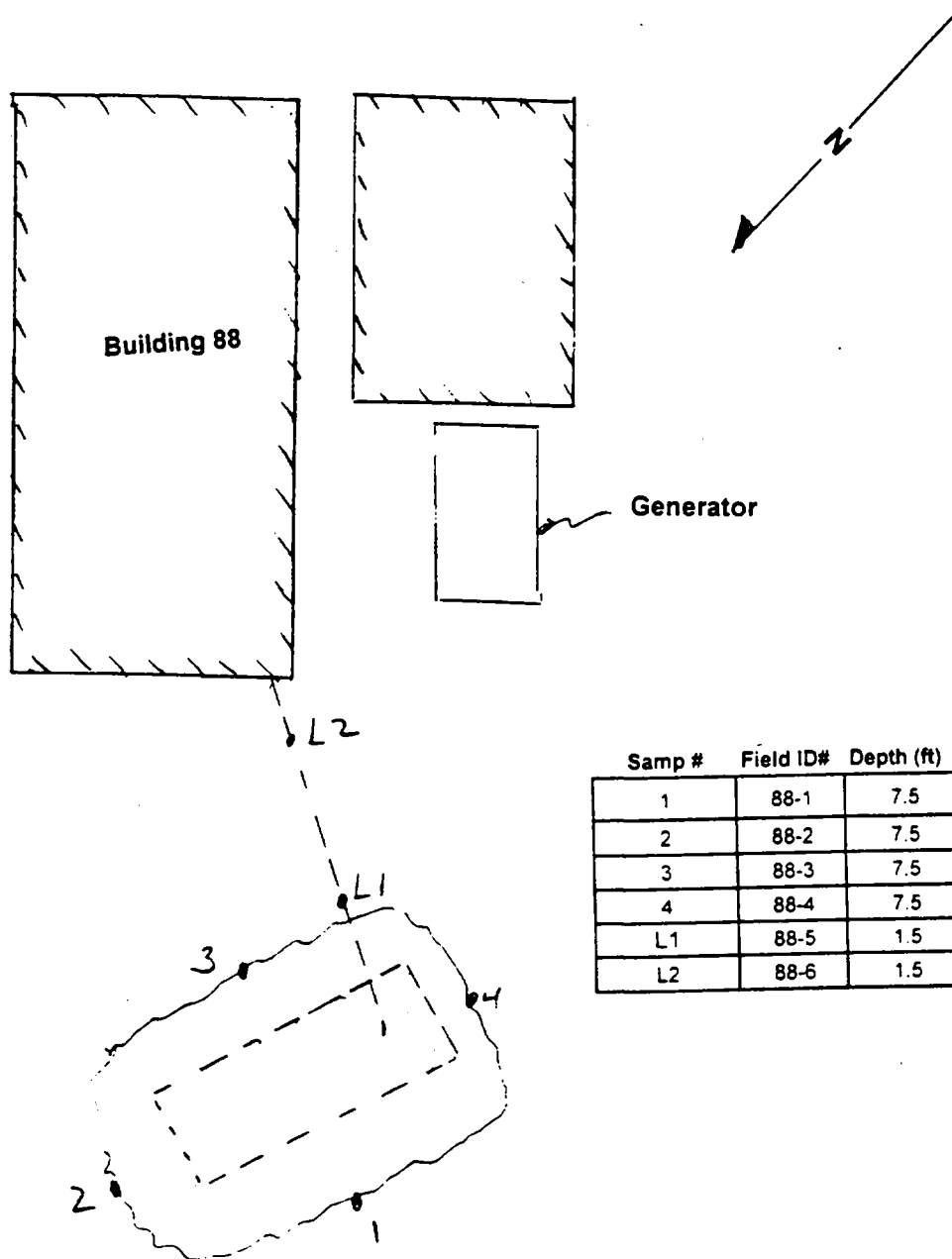
	Guidance Value (ppb)						
Benzene	14	U	U	U	U	U	U
Toluene	100	U	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U	U
m,p-Xylenes	100	U	U	U	U	U	U
o-Xylenes	100	U	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U	U
t-Butylbenzene	100	U	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U	U
Naphthalene	200	U	U	U	U	U	U

Semi-volatile Compounds, ppb

Naphthalene	200*	U	U	U	U	U	U
Acenaphthene	400	U	U	U	U	U	U
Fluorene	1000	U	U	U	U	U	U
Phenanthrene	1000	U	U	160J	U	U	U
Anthracene	1000	U	U	U	U	U	U
Fluoranthene	1000	U	U	330J	U	150J	U
Pyrene	1000	U	U	230J	U	U	U
Benzo(a)anthracene	.04*	U	U	90J	U	U	U
Chrysene	.04*	U	U	130J	U	74J	U
Benzo(b)fluoranthene	.04*	U	U	100J	U	U	U
Benzo(k)fluoranthene	.04*	U	U	100J	U	U	U
Benzo(a)pyrene	.04*	U	U	U	U	U	U
Indeno(1,2,3-cd)pyrene	.04*	U	U	U	U	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	U	U	U	U	U

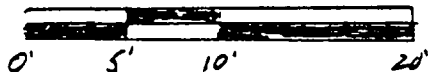
*Detection Limit is 330 ppb for semi-volatile compounds

J - Compound was detected below the method detection limit. Concentration given is an estimate.



Samp #	Field ID#	Depth (ft)
1	88-1	7.5
2	88-2	7.5
3	88-3	7.5
4	88-4	7.5
L1	88-5	1.5
L2	88-6	1.5

Scale: 1" = 10'



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DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #88

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - 96-1, 2 & 3

PAGE 1 OF 4

Contract Number: DACA51-94-C-⁶²0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: 96-1, 2 & 3 Tank Size (Gallons): 25000 each
Tank Dimensions: 10'6"x38'6" Product(s) Contained: #4 Fuel Oil
Volume In Tank (Gallons): 4500 Date Removed: 22 JUN 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - Visually contaminated soil noted at bottom of excavation around and beneath piping vaults adjacent to building. Soil was black and tarlike, saturated with leaked product. All Contaminated soil above the ground-water interface line was removed and stockpiled as contaminated for disposal.
2. **Depth of stained, discolored and/or contaminated soil** - To ground-water.
3. **Sheen** - Yes.

UST CLOSURE REPORT**PAGE 2 OF 4**

Building 96, Floyd Bennett Field, New York, UST #'s 96-1, 2 & 3

4. **Noticeable leaks in pipe joints** - None that were noticed, but since the USTs were in excellent condition, we suspect that some of the fittings must have leaked.
5. **Localized areas of corrosion** - None.
6. **Holes or pits in tanks and/or pipes** - None.
7. **Noticeable odors before, during, and/or after tank excavations** - None. #4 Fuel Oil is not a particularly volatile product.
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation?** Ground-water encountered at 7'0" below grade. None removed from excavation, due to the fact that levels in this area are influenced by the tides from the adjacent bay.
9. **Free product on groundwater? Thickness?** Yes, there were patches of free product noted. Oil-absorbent spill pads were spread on the surface of the water and removed for disposal with other drummed waste upon absorbing the product.

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used?** HNU-PID.
2. **Tank removed.**
What were the readings from any areas of visual contamination?
0 ppm.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the UST excavation? 15 ppm.
3. **Piping removed** - All piping in excavation as well as in concrete pipe vaults was removed. Piping was coated with asbestos which was removed by a licensed Asbestos Removal Contractor prior to demolition by C.U.T.E.

UST CLOSURE REPORT

PAGE 3 OF 4

Building 96, Floyd Bennett Field, New York, UST #'s 96-1, 2 & 3

5. Soil samples; locations; results:*

- * See soil sample location map included with Field Log, immediately after page (3) of this report.

All soil samples were taken at ground-water interface and all results are above NYSDEC STARS MEMO #1 regulatory limits.

6. Groundwater samples - None taken, ground-water is obviously contaminated, as noted above.

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. Sample collector - David Beeman.
2. Laboratory methods used for determination of soil contamination - EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbon(s)(PAHs).
3. Total amount of contaminated soil removed for disposal - Approx. 90 CYS.
4. Method of disposal - Recycling.

Disposal facility - Mount Hope Recycling, NJ.
5. Fill source - Bank run; Fred McDowell, Inc.
6. Results of analysis of on-site material used for backfill - All overburden removed from excavation and stockpiled as contaminated for later disposal. USTs had concrete piping vaults running along the top which extended around the sides to approximately halfway down the sides of each. Any other excavated material was contaminated
7. Further action required? Yes, ground-water investigation is recommended. Suggest installation of monitoring wells with regular sampling for VOAs and PAHs. Also suggest *in situ* treatment of contaminated ground-water via bioremediation/degradation.

UST CLOSURE REPORT

PAGE 4 OF 4

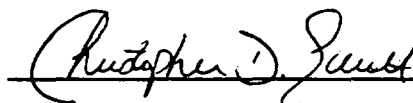
Building 96, Floyd Bennett Field, New York, UST #'s 96-1, 2 & 3

8. **Area restored?** Yes, backfilled with clean sand, compacted, graded, seeded and mulched.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott

Signature:



Representing: Cleaning Up The Environment (C.U.T.E.), Midland Park, New Jersey

Date Report Prepared: 20 FEB 1996

Report Prepared By: David Beeman, C.U.T.E.; Revised by Christopher D. Elliott

NYSDEC Spill #95-03586

USTs 96-1, 2 & 3

C.U.T.E.

FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	96-1	96-2	96-3	96-X	
SAMPLE DATE	8/23/95			1/17/96	
TIME OF COLLECTION	1500	1505	1510	830	
SAMPLE TYPE (G OR C)*	G	G	G	G	
SAMPLE DEPTH	6'	6'	6'	6'6"	
PRESERVATIVES USED	NA				
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES				
ANALYSIS REQUIRED	8021 8270				
SAMPLE DESCRIPTION	Sand; little silt				
COLOR	Brown/tan				
SOIL TEXTURE	Moist granular				
MOTTLES	None				
WEATHER	Sunny, 90 D F			Sunny, 30 D F	
GROUNDWATER PRESENT	Ground-water present at 7' below grade				
ODORS	None				

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE



 2/20/96
DATE

RESULTS SUMMARY - #4 OIL USTS 96-1, 96-2, & 96-3 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	96-1	96-2	96-3	96-X
Lab Sample No.:	T508424-19	T508424-20	T508424-21	T601188-1
Date:	8/23/95	8/14/95	8/14/95	1/17/96
Depth(ft.):	6	6	6	6.5

Volatile Compounds, ppb

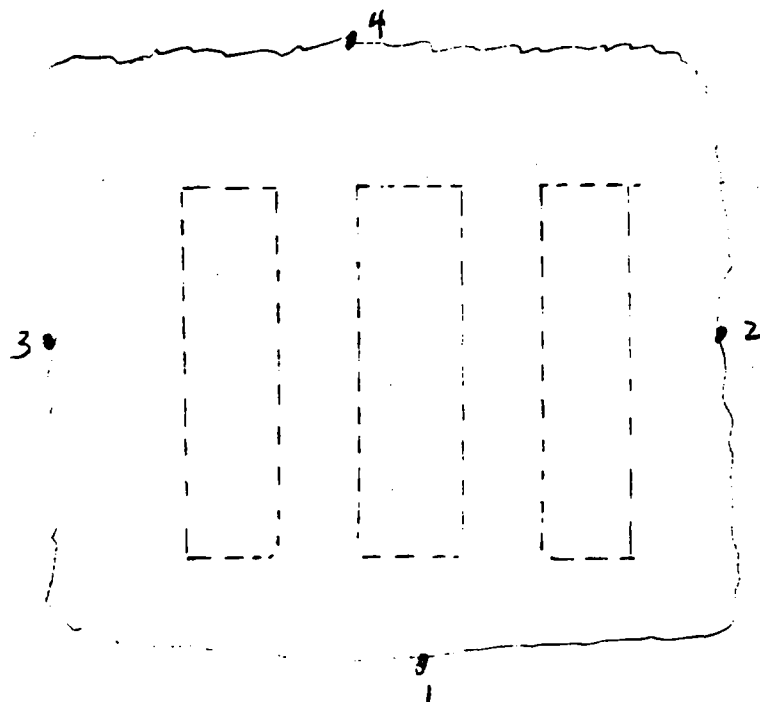
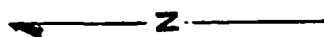
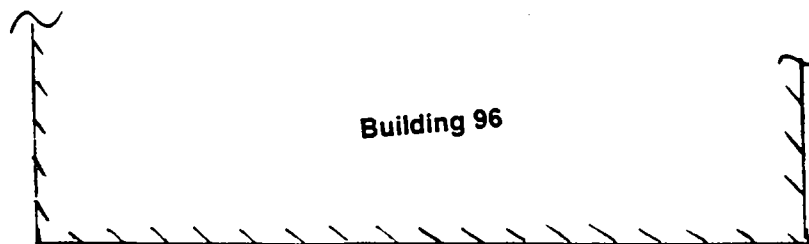
	Guidance Value (ppb)				
Benzene	14	U	U	U	U
Toluene	100	U	U	U	U
Ethylbenzene	100	U	U	U	U
m,p-Xylenes	100	U	U	U	U
o-Xylenes	100	U	U	U	U
Isopropylbenzene	100	U	U	U	U
n-Propylbenzene	100	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U
t-Butylbenzene	100	U	U	U	U
Methyl-t-butylether	100	U	U	U	U
sec-Butylbenzene	100	U	U	U	U
n-Butylbenzene	100	U	U	U	U
Naphthalene	200	U	U	U	U

Semi-volatile Compounds, ppb

Naphthalene	200*	U	U	U	.9J
Acenaphthene	400	92J	130J	220J	150J
Fluorene	1000	130J	170J	320J	130J
Phenanthrene	1000	1400	1700	3800	1000
Anthracene	1000	280J	370	670	240J
Fluoranthene	1000	2200	2800	4000	1200
Pyrene	1000	1900	2000	3300	890
Benzo(a)anthracene	.04*	1100	1200	2000	510
Chrysene	.04*	1300	1300	2200	480
Benzo(b)fluoranthene	.04*	1100	1100	2000	410
Benzo(k)fluoranthene	.04*	970	910	1500	450
Benzo(a)pyrene	.04*	1000	980	1700	450
Indeno(1,2,3-cd)pyrene	.04*	540	520	760	190J
Dibenz(a,h)anthracene	1000	U	U	260J	97J
Benzo(g,h,i)perylene	.04*	520	460	610	210J

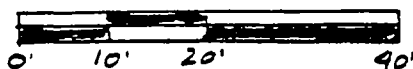
*Detection Limit is 330 ppb for semi-volatile compounds

J - Compound was detected below method detection limit. Concentration given is an estimate.



Sample #	Field ID #	Depth (ft)
1	96-01	6
2	96-02	6
3	96-03	6
4	96-X	6.5

Scale: 1" = 20'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST's #96-1, #96-2 & #96-3

CLOSURE REPORT

Page 1 of 3

Gasoline UST #102 - Floyd Bennett Field, Brooklyn, New York
USACE Contract #94-C-0037

UST CLOSURE REPORT - 102

USACE Contract #DACA51-94-C-0037	Title: Removal Of Storage
Tanks, Transformers & Miscellaneous, Various Locations, New York	
Tank Number(S): 102	Tank Size (Gallons): 1,000
Tank Dimensions: 4' X 10.5'	Product(s) Contained: Gasoline
Volume In Tank (Gallons): 250	Date Removed: 23 JUN 1995
Site Location: Floyd Bennett Field	

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation or under pipes.*
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - N/A.
4. **Noticeable leaks in pipe joints** - None.
5. **Localized areas of corrosion** - None.

CLOSURE REPORT

Page 2 of 3

Gasoline UST #102 - Floyd Bennett Field, Brooklyn, New York
USACE Contract #94-C-0037

6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank removal - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? N/A.**
9. **Free product on groundwater? Thickness? NA.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination?
NA.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. ***Piping removed - All piping removed.** There was a run of pipe extending towards the Bay which ended abruptly after approximately 90', where it appeared to have been broken off with a backhoe blade. There was another, severed piece of pipe in the excavation approximately 10' in length that appeared to have been attached to the pipe run. The Contractor searched the area for any signs of another tank and/or for where the pipe run may have eventually extended, by digging with the backhoe in several areas radiating out from the end of the pipe. The search was unsuccessful, and the excavation was re-filled after all available piping had been removed. There were no visual signs of any contamination in the area where the pipe was severed, and all readings with the HNU-PID were 0 PPM.
4. **Soil samples; locations; results:***

* See soil sample location map included with this report.
5. **Groundwater samples - N/A.**

UST CLOSURE REPORT

Page 3 of 3

Gasoline UST #102, Floyd Bennett Field, Brooklyn, New York
USACE Contract #94-C-0037

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete laboratory analyses including QA/QC documentation have been included with this report.

1. **Sample collector** - Chris D. Elliott.
2. **Laboratory methods used for determination of soil contamination** - EPA Method 8021 for Volatile Organic(s)(VOAs).
3. **Total amount of contaminated soil removed for disposal** - None.
4. **Method of disposal** - N/A.
Disposal facility - N/A.
5. **Fill source** - On-site.
6. **Results of analysis of on-site material used for backfill** - Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** None.
8. **Area restored?** Yes, backfilled with clean sand, compacted and graded.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief, all information presented here is true and accurate.

Name: Christopher D. Elliott

Signature:



Representing: Cleaning Up The Environment (C.U.T.E.), 103 Godwin Avenue,
Suite 237, Midland Park, NJ 07432

Date Report Prepared: 08 AUG 1995

C.U.T.E.**FIELD SAMPLE LOG**

UST 102

PAGE 1 OF 2

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	102-01	102-02	102-03	102-04	102-05	102-OVER
SAMPLE DATE	6/23/95	6/23/95	6/23/95	6/23/95	6/23/95	6/23/95
TIME OF COLLECTION	1310	1311	1312	1313	1314	1315
SAMPLE TYPE (G OR C)*	G	G	G	G	G	C
SAMPLE DEPTH	6'	4'	4'	4'	4'	NA
PRESERVATIVES USED	NA	NA	NA	NA	NA	NA
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm
HNU METER CAL.(?)	YES	YES	YES	YES	YES	YES
ANALYSIS REQUIRED	8021	8021	8021	8021	8021	8021
SAMPLE DESCRIPTION	Loose sand with no organic material					
COLOR	tan	tan	tan	tan	tan	tan
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none	none	none
WEATHER	Sunny, 90 D F, low humidity					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none	none	none

C.U.T.E.**FIELD SAMPLE LOG**

UST 102

PAGE 2 OF 2

1. CONTRACT #94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

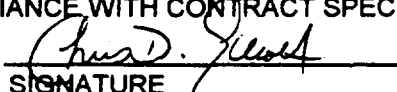
SAMPLE NUMBER	102-06	102-07	102-08	102-09		
SAMPLE DATE	6/23/95	6/23/95	6/23/95	6/23/95		
TIME OF COLLECTION	1410	1412	1414	1416		
SAMPLE TYPE (G OR C)*	G	G	G	G		
SAMPLE DEPTH	2'	2'	2'	4'		
PRESERVATIVES USED	NA	NA	NA	NA		
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm		
HNU METER CAL. (?)	YES	YES	YES	YES		
ANALYSIS REQUIRED	8021	8021	8021	8021		
SAMPLE DESCRIPTION	Loose sand with no organic material					
COLOR	tan/ brown	tan/ brown	tan/ brown	tan/ brown		
SOIL TEXTURE	Dry and granular					
MOTTLES	none	none	none	none		
WEATHER	Sunny, 90 D F, low humidity					
GROUNDWATER PRESENT	No groundwater present					
ODORS	none	none	none	none		

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE



6/23/95

DATE

SAMPLE RESULT(S) SUMMARY

GASOLINE UST #102 - FLOYD BENNETT FIELD, BROOKLYN, NEW YORK

Field Sample No.:	102-01	102-02	102-03	102-04	102-05	102-OVER	102-06	102-07
Date:	6/23/95	6/23/95	6/23/95	6/23/95	6/23/95	6/23/95	6/23/95	6/23/95
Depth (Ft.):	6.0'	4.0'	4.0'	4.0'	4.0'	NA	2.0'	2.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)*

	Guidance Value, (ppb)							
Benzene	14	U	U	U	U	U	U	U
Toluene	100	U	U	0.60	0.56	U	1.5	0.57
Ethylbenzene	100	U	U	U	U	U	0.96	U
m-p Xylenes	100	U	U	U	U	U	U	U
o-Xylene	100	U	U	U	U	U	U	1.1
Isopropylbenzene	100	U	U	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	100	0.72	U	U	U	U	U	U
1,2,4-Trimethylbenzene	100	1.4	U	U	U	U	U	0.97
t-butylbenzene	100	U	U	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U	U	U

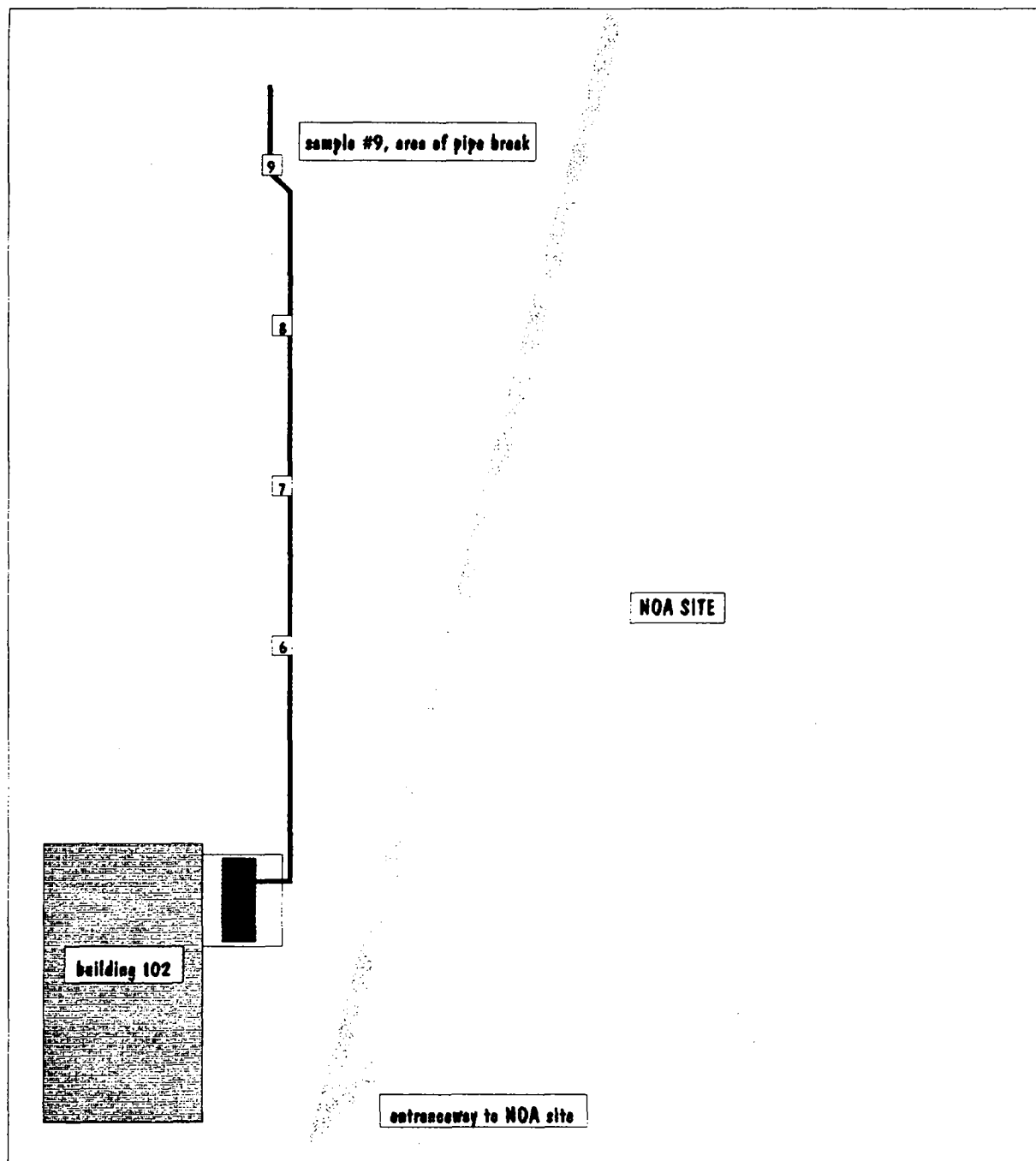
Field Sample No.:	102-08	102-09
Date:	6/23/95	6/23/95
Depth (Ft.):	2.0'	4.0'

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)*

	Guidance Value, (ppb)		
Benzene	14	U	U
Toluene	100	U	1.3
Ethylbenzene	100	0.60	0.65
m-p Xylenes	100	U	1.2
o-Xylene	100	U	U
Isopropylbenzene	100	U	U
n-Propylbenzene	100	U	U
p-Isopropyltoluene	100	U	U
1,3,5-Trimethylbenzene	100	U	U
1,2,4-Trimethylbenzene	100	U	U
t-butylbenzene	100	U	U
Methyl-t-butylether	100	U	U
sec-Butylbenzene	100	U	U
n-Butylbenzene	100	U	U
Napthalene (8021)	200	U	U

* For the purpose of this summary, U means less than 1 ppb.

UST & SOIL SAMPLE LOCATION MAP #1 OF 2 - PIPING GASOLINE UST #102 - FLOYD BENNETT FIELD, BROOKLYN, NEW YORK CONTRACT #94-C-0037

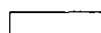


SCALE: 1/4" = 5'



-5 0 +5 +10 +15 +20

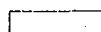
LEGEND:



grassy area



former location of UST



limits of excavation

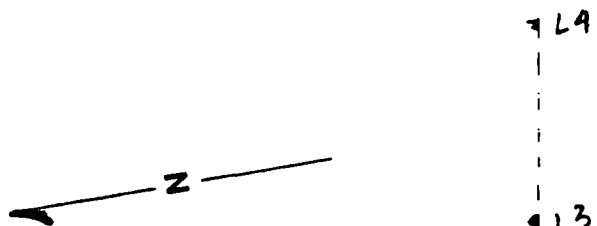


existing fencing

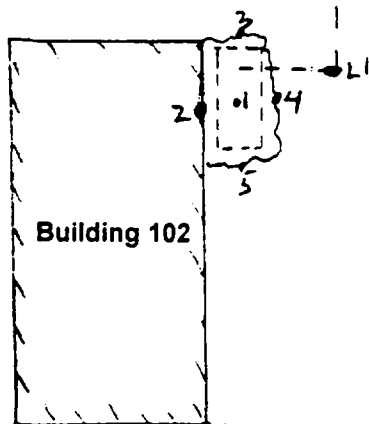


former location of UST piping (removed)

235



Samp #	Field ID#	Depth (ft)
1	102-01	6
2	102-02	4
3	102-03	4
4	102-04	4
5	102-05	4
L1	102-06	2
L2	102-07	2
L3	102-08	2
L4	102-09	4
Over Burden	102-OVER	NA



Scale: 1" = 20'

DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #102

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - 176-1, 2, 3 &4

PAGE 1 OF 3

Contract Number: DACA51-94-C-^{CE}0037 Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: 176-1, 2, 3 &4 Tank Size (Gallons): 5000 each
Tank Dimensions: 6'x23'7" Product(s) Contained: Gasoline
Volume In Tank (Gallons): 17000 Date Removed: 07 DEC 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation. All USTs were completely encased in concrete at the time of removal.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Building 176, Floyd Bennett Field, New York, UST #'s 1-4, (176-1, 2, 3 & 4)

5. **Localized areas of corrosion** - None.
6. **Holes or pits in tanks and/or pipes** - None.
7. **Noticeable odors before, during, and/or after tank excavations** - None.
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation?** None encountered.
9. **Free product on groundwater? Thickness?** N/A.

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used?** HNU-PID.
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed** - All piping removed to edge of adjacent building, cut, and capped.
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.
6. **Groundwater samples** - NA.

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector** - Chris D. Elliott.

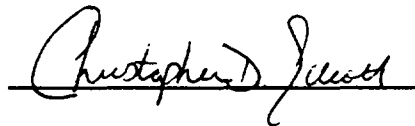
UST CLOSURE REPORT**PAGE 3 OF 3**

Building 176, Floyd Bennett Field, New York, UST #'s 1-4, (176-1, 2, 3 & 4)

2. **Laboratory methods used for determination of soil contamination -**
EPA Method 8021 for Volatile Organic(s)(VOAs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.

Disposal facility - N/A.
5. **Fill source -** Rubbleized (6"-) in bottom of excavation. Bank run
from Fred McDowell, Inc. used to bring to grade.
6. **Results of analysis of on-site material used for backfill -** Clean,
sample results included with analytical reports from samples taken
beneath USTs.
7. **Further action required?** No.
8. **Area restored?** Yes, backfilled with clean sand, compacted, graded,
and paved.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my
knowledge and belief that all information presented here is correct and
accurate.

Name: Christopher D. Elliott**Signature:**

Representing: Cleaning Up The Environment (C.U.T.E.), 103 Godwin Avenue,
Suite 237, Midland Park, NJ 07432

Date Report Prepared: 20 FEB 1996

Report Prepared By: David Beeman, C.U.T.E.; Revised by Christopher D.
Elliott

C.U.T.E. FIELD SAMPLE LOG

USTs 176-1, 2, 3 & 4

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	176-1	176-2	176-3	176-4	176-5	
SAMPLE DATE	1/16/96					
TIME OF COLLECTION	1525	1530	1533	1538	1542	
SAMPLE TYPE (G OR C)*	G	G	G	G	G	
SAMPLE DEPTH	4'	4'	4'	4'	7'	
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	
HNU METER CAL.(?)	YES					
ANALYSIS REQUIRED	8021					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/tan					
SOIL TEXTURE	Dry granular					
MOTTLES	None					
WEATHER	Sunny, 40 D F					
GROUNDWATER PRESENT	None					
ODORS	None					

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:		
CHRIS D. ELLIOTT		2/20/96
NAME	SIGNATURE	DATE

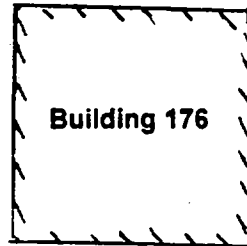
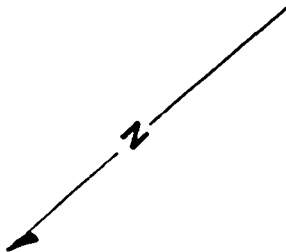
SAMPLE RESULT(S) SUMMARY

Building 176, Floyd Bennett Field, New York, UST #'s 1-4 (176-1, 2, 3 & 4)

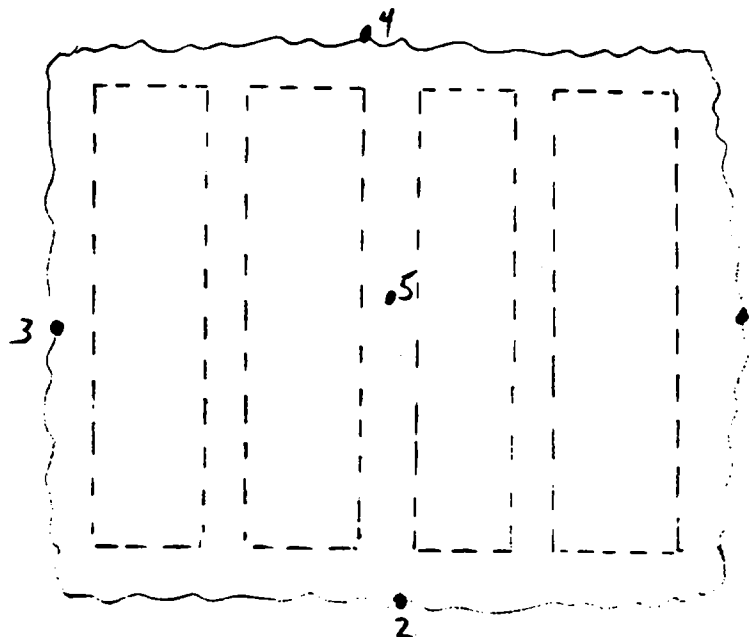
Field Sample No.:	176-01	176-02	176-03	176-04	176-05
Date:	1/16/96	1/16/96	1/16/96	1/16/96	1/16/96
Depth (Ft.):	4	4	4	4	7

Volatile Organic Compounds (VOAs), EPA Method 8021, (ppb)

	Guidance Value, (ppb)					
Benzene	14	U	U	U	U	U
Toluene	100	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U
m-p Xylenes	100	U	U	U	U	U
o-Xylene	100	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U
t-butylbenzene	100	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	0.52
n-Butylbenzene	100	U	U	U	U	U
Napthalene (8021)	200	U	U	U	U	U



Sample #	Field ID #	Depth (ft)
1	176-01	4
2	176-02	4
3	176-03	4
4	176-04	4
5	176-05	7



Scale: 1" = 10'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST's #176-1, #176-2, #176-3 & #176-4

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - 265

PAGE 1 OF 3

Contract Number: DACA51-94-C-0037^{cc}, Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: 265 Tank Size (Gallons): 275
Tank Dimensions: 3'x5' Product(s) Contained: Waste Oil
Volume In Tank (Gallons): 275 Date Removed: 21 AUG 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - No visually contaminated soil observed in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - N/A.
3. **Sheen** - None.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT

PAGE 2 OF 3

Building 265, Floyd Bennett Field, New York, UST #265

5. **Localized areas of corrosion - None.**
6. **Holes or pits in tanks and/or pipes - None.**
7. **Noticeable odors before, during, and/or after tank excavations - None.**
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation? None encountered.**
9. **Free product on groundwater? Thickness? N/A.**

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used? HNU-PID.**
2. **Tank removed.**
What were the readings from any areas of visual contamination? N/A.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 0 PPM.

3. **Piping removed - All piping removed.**
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples - NA.**

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector - Chris D. Elliott.**

UST CLOSURE REPORT

PAGE 3 OF 3

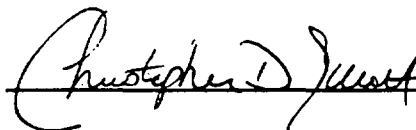
Building 265, Floyd Bennett Field, New York, UST #265

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbons (PAHs).
3. **Total amount of contaminated soil removed for disposal -** None.
4. **Method of disposal -** N/A.
Disposal facility - N/A.
5. **Fill source -** No off-site material was used.
6. **Results of analysis of on-site material used for backfill -** Clean, sample results included with analytical reports from samples taken beneath USTs.
7. **Further action required?** Yes. Sample #'s 02 & 05 exceed NYSDEC STARS MEMO #1 regulatory limits. Further excavation is required. Ground-water investigation will not be necessary.
8. **Area restored?** Yes, backfilled with clean sand, compacted, graded, seeded and mulched.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott

Signature:



Representing: Cleaning Up The Environment (C.U.T.E.), 103 Godwin Avenue, Suite 237, Midland Park, NJ 07432

Date Report Prepared: 20 FEB 1996

Report Prepared By: David Beeman, C.U.T.E.; Revised by Christopher D. Elliott

UST 265

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

SAMPLE NUMBER	265-1 OVER	265-2	265-3	265-4	265-5	265-6
SAMPLE DATE	8/23/95					
TIME OF COLLECTION	1005	1010	1015	1020	1025	1035
SAMPLE TYPE (G OR C)*	G	G	G	G	G	C
SAMPLE DEPTH	NA					
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm					
HNU METER CAL.(?)	YES					
ANALYSIS REQUIRED	8021 8270					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/ tan					
SOIL TEXTURE	Dry and granular					
MOTTLES	None					
WEATHER	Sunny, 90 D F					
GROUNDWATER PRESENT	NA					
ODORS	None					

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME


SIGNATURE

2/20/96

DATE

UST 265

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: CLEANING UP THE ENVIRONMENT	

SAMPLE NUMBER	265-7 OVER					
SAMPLE DATE	8/23/95					
TIME OF COLLECTION	1040					
SAMPLE TYPE (G OR C)*	C					
SAMPLE DEPTH	NA					
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm					
HNU METER CAL.(?)	YES					
ANALYSIS REQUIRED	8021 8270					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/ tan					
SOIL TEXTURE	Dry and granular					
MOTTLES	None					
WEATHER	Sunny, 90 D F					
GROUNDWATER PRESENT	NA					
ODORS	None					

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE

2/20/96

DATE

SAMPLE RESULTS SUMMARY - WASTE OIL UST 265 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	265-1	265-2	265-3	265-4	265-5	265-6	265-7
Lab Sample No.:	T508424-8	T508424-8	T508424-8	T508424-8	T508424-8	T508424-8	T508424-8
Date:	8/23/95	8/23/95	8/23/95	8/23/95	8/23/95	8/23/95	8/23/95
Depth(ft.):	5	3	3	3	3	NA	NA

Volatile Compounds, ppb

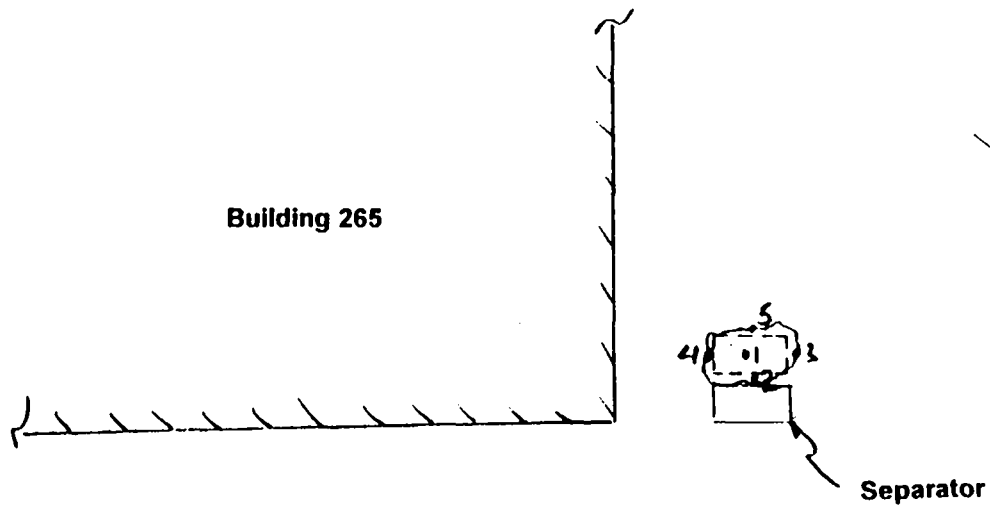
	Guidance Value (ppb)						
Benzene	14	U	U	U	U	U	U
Toluene	100	U	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U	U
m,p-Xylenes	100	U	U	U	U	U	U
o-Xylenes	100	U	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U	U
t-Butylbenzene	100	U	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U	U
Naphthalene	200	U	U	U	U	U	U

Semi-volatile Compounds, ppb

Naphthalene	200*	U	140J	U	U	100J	U	U
Acenaphthene	400	U	240J	U	U	140J	U	U
Fluorene	1000	U	380J	U	U	170J	U	U
Phenanthrene	1000	U	1800	U	99J	1100	74J	220J
Anthracene	1000	U	510	U	U	370	U	U
Fluoranthene	1000	U	2000	79J	160J	1600	170J	590
Pyrene	1000	U	1500	56J	120J	1200	130J	450
Benzo(a)anthracene	.04*	U	1100	U	U	910	88J	320J
Chrysene	.04*	U	990	U	74J	880	97J	320J
Benzo(b)fluoranthene	.04*	U	790	U	U	610	U	210J
Benzo(k)fluoranthene	.04*	U	690	U	U	620	U	250J
Benzo(a)pyrene	.04*	U	770	U	U	610	U	220J
Indeno(1,2,3-cd)pyrene	.04*	U	480	U	U	370	U	U
Dibenz(a,h)anthracene	1000	U	U	U	U	U	U	U
Benzo(g,h,i)perylene	.04*	U	450	U	U	340J	U	U

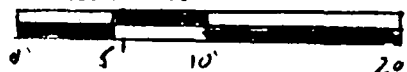
*Detection Limit is 330 ppb for semi-volatile compounds

J - Compound was detected below method detection limit. Concentration given is an estimate.



Samp #	Field ID#	Depth (ft)
1	265-1	5
2	265-2	3
3	265-3	3
4	265-4	3
5	265-5	3
Over Burden	265-6	NA
Over Burden	265-7	NA

Scale: 1" = 10'



249

DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #265

**CLEANING UP THE ENVIRONMENT (C.U.T.E.)
103 GODWIN AVENUE SUITE 237
MIDLAND PARK, NEW JERSEY 07432
(201)427-2881**

UST CLOSURE REPORT - 273

PAGE 1 OF 3

Contract Number: DACA51-94-C-^{c2}~~0037~~ Title: Removal Of Storage Tanks,
Transformers & Miscellaneous, Various Locations, New York
Tank Number: 273 Tank Size (Gallons): 1000
Tank Dimensions: 4'x10'6" Product(s) Contained: #2 Fuel Oil
Volume In Tank (Gallons): 850 Date Removed: 22 JUN 1995
Site Location: Floyd Bennett Field, Brooklyn, New York

SITE HISTORY:

1. **Tank/pipe design** - Single-layer steel; No monitoring devices present.
2. **Age of equipment** - 30+ years.
3. **History of Spills** - None.
4. **Past analytical Results** - None.
5. **Well records** - None.
6. **Drinking water wells in vicinity** - None.
7. **Potentially affected areas** - None.

FIELD OBSERVATIONS:

1. **Tank and/or pipe Excavation** - Visually contaminated soil observed; overburden and along sides of UST in excavation.
2. **Depth of stained, discolored and/or contaminated soil** - To ground-water.
3. **Sheen** - Yes.
4. **Noticeable leaks in pipe joints** - None.

UST CLOSURE REPORT**PAGE 2 OF 3**

Building 273, Floyd Bennett Field, New York, UST #273

5. **Localized areas of corrosion** - None.
6. **Holes or pits in tanks and/or pipes** - None.
7. **Noticeable odors before, during, and/or after tank excavations** - Yes.
8. **Groundwater encountered? Depth to groundwater? Volume removed from excavation?** Ground-water encountered at 4'0" below grade. None removed from excavation.
9. **Free product on groundwater? Thickness?** Sheen, as noted above.

FIELD MEASUREMENTS AND ANALYSIS:

1. **Which field instruments were used?** HNU-PID.
2. **Tank removed.**
What were the readings from any areas of visual contamination? 100 ppm.

What were the results from headspace analysis taken from the sidewall, bottom of the excavation, and below the bottom of the excavation? 10 ppm.

3. **Piping removed** - All piping removed.
5. **Soil samples; locations; results:***

* See soil sample location map included with Field Log, immediately after page (3) of this report.

6. **Groundwater samples** - NA.

LAB MEASUREMENTS AND ANALYSIS:

All laboratory results are listed on sample location map(s). Copies of complete analyses have been submitted under separate cover.

1. **Sample collector** - Chris D. ElliottDavid Beeman.

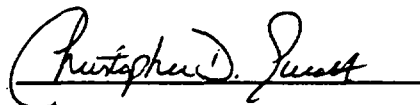
UST CLOSURE REPORT**PAGE 3 OF 3**

Building 273, Floyd Bennett Field, New York, UST #273

2. **Laboratory methods used for determination of soil contamination -** EPA Method 8021 for Volatile Organic(s)(VOAs); EPA Method 8270 for Poly-Aromatic Hydrocarbons (PAHs).
3. **Total amount of contaminated soil removed for disposal -** Approx. 5 CYS.
4. **Method of disposal -** Recycling.

Disposal facility - Mount Hope Recycling, NJ.
5. **Fill source -** Bank run; Fred McDowell, Inc.
6. **Results of analysis of on-site material used for backfill -** No on-site material was used. All overburden removed as contaminated and stockpiled for later disposal.
7. **Further action required?** Yes. Ground-water investigation recommended. Installation of monitoring wells with regular sampling for VOAs & PAHs.
8. **Area restored?** Yes, backfilled with clean sand, compacted, graded, seeded and mulched.

CONTRACTOR'S CERTIFICATION: I hereby certify that to the best of my knowledge and belief that all information presented here is correct and accurate.

Name: Christopher D. Elliott**Signature:**

Representing: Cleaning Up The Environment (C.U.T.E.), 103 Godwin Avenue, Suite 237, Midland Park, NJ 07432

Date Report Prepared: 20 FEB 1996

Report Prepared By: David Beeman, C.U.T.E.; Revised by Christopher D. Elliott

NYSDEC Spill #95-03603

UST 273

C.U.T.E. FIELD SAMPLE LOG

1. CONTRACT #: 94-C-0037	2. SITE NAME/LOCATION: Floyd Bennett Field, Brooklyn, NY
3. SAMPLER/AFFILIATION: CHRIS D. ELLIOTT/TRI-GEM BUILDERS	
4. PERSONNEL ON-SITE: <u>CLEANING UP THE ENVIRONMENT</u>	

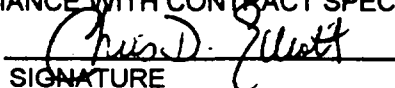
SAMPLE NUMBER	273274-1	273274-OVER	273-1	273-2	273-3	273-4
SAMPLE DATE	6/23/95		8/9/95			
TIME OF COLLECTION	1210	1215	1305	1315	1320	1330
SAMPLE TYPE (G OR C)*	G	C	G	G	G	C
SAMPLE DEPTH	1'	NA	3'6"	3'6"	3'6"	3'6"
PRESERVATIVES USED	NA					
DATA COLLECTED (HNU)	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm	0 ppm
HNU METER CAL.(?)	YES					
ANALYSIS REQUIRED	8021 8270					
SAMPLE DESCRIPTION	Sand; little silt					
COLOR	Brown/tan					
SOIL TEXTURE	Dry granular					
MOTTLES	None					
WEATHER	Cloudy, 80 D F		Sunny, 80 D F			
GROUNDWATER PRESENT	None		Ground-water present at 4' below grade			
ODORS	None					

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE ALL DATA PRESENTED HERE IS TRUE AND ACCURATE AND IN COMPLIANCE WITH CONTRACT SPECIFICATIONS:

CHRIS D. ELLIOTT

NAME

SIGNATURE



 2/20/96
DATE

SAMPLE RESULTS SUMMARY - HEATING OIL UST 273 - FLOYD BENNETT FIELD, BROOKLYN, NY

Field Sample No.:	273274-01	273274OVER	273-1	273-2	273-3	273-4
Lab Sample No.:	T506374-1	T506374-2	T508168-1	T508168-2	T508168-3	T508168-
Date:	6/23/95	6/23/95	8/9/95	8/9/95	8/9/95	8/9/95
Depth(ft.):	1	NA	3.5	3.5	3.5	3.5

Volatile Compounds, ppb

	Guidance Value (ppb)						
Benzene	14	U	U	U	U	U	U
Toluene	100	U	U	U	U	U	U
Ethylbenzene	100	U	U	U	U	U	U
m,p-Xylenes	100	U	U	U	U	U	U
o-Xylenes	100	U	U	U	U	U	U
Isopropylbenzene	100	U	U	U	U	U	U
n-Propylbenzene	100	U	U	U	U	U	U
p-Isopropyltoluene	100	U	U	U	U	U	U
1,3,5-Trimethylbenzene	100	U	U	U	U	U	U
1,2,4-Trimethylbenzene	100	U	U	U	U	U	U
t-Butylbenzene	100	U	U	U	U	U	U
Methyl-t-butylether	100	U	U	U	U	U	U
sec-Butylbenzene	100	U	U	U	U	U	U
n-Butylbenzene	100	U	U	U	U	U	U
Naphthalene	200	U	U	U	U	U	U

Semi-volatile Compounds, ppb

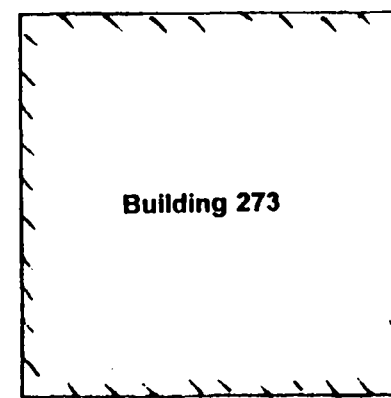
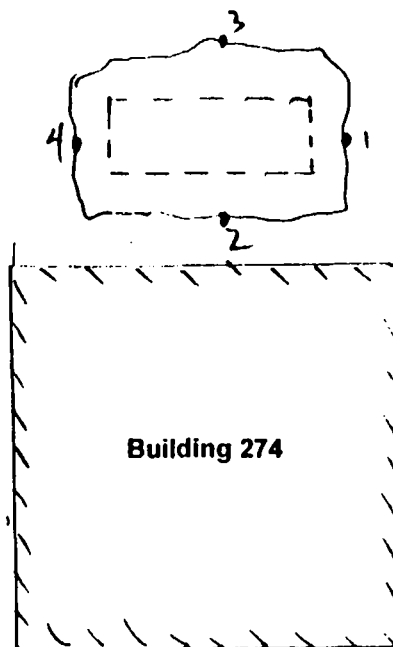
Naphthalene	200*	75J	U	U	U	U	U
Acenaphthene	400	62J	160J	U	U	U	U
Fluorene	1000	U	U	U	U	U	U
Phenanthrene	1000	340J	150J	U	U	U	U
Anthracene	1000	86J	230J	U	200J	U	U
Fluoranthene	1000	430	1900	U	830	U	U
Pyrene	1000	370J	2000	U	690	U	U
Benzo(a)anthracene	.04*	250J	1800	U	430	U	U
Chrysene	.04*	250J	1900	U	470	U	U
Benzo(b)fluoranthene	.04*	210J	2200	U	440	U	U
Benzo(k)fluoranthene	.04*	200J	1500	U	430	U	U
Benzo(a)pyrene	.04*	230J	2100	U	450	U	U
Indeno(1,2,3-cd)pyrene	.04*	120J	980	U	210J	U	U
Dibenz(a,h)anthracene	1000	U	600	U	U	U	U
Benzo(g,h,i)perylene	.04*	100J	930	U	210J	U	U

*Detection Limit is 330 ppb for semi-volatile compounds

J - Compound was detected below method detection limit. Concentration given is an estimate.



Samp #	Field ID#	Depth (ft)
1	273-1	3.5
2	273-2	3.5
3	273-3	3.5
4	273-4	3.5



Scale: 1" = 10'



DEFENSE ENVIRONMENTAL RESTORATION FUND

Removal of Storage Tanks, etc.
USACE Project #94-C-0037

GATEWAY NATIONAL RECREATION AREA
FLOYD BENNETT FIELD
Brooklyn, NY

UST CLOSURE
TANK AND SAMPLE LOCATIONS
UST #273

UST CLOSURE REPORT

CONTAMINATED SOIL WEIGHT TICKETS

**USACE CONTRACT #94-C-0037
REMOVAL OF STORAGE TANKS, TRANSFORMERS &
MISCELLANEOUS, VARIOUS LOCATIONS, NEW YORK**

**SITE LOCATION: FLOYD BENNETT FIELD,
GATEWAY NATIONAL RECREATION AREA,
BROOKLYN, NEW YORK**

MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 9502023

Ticket #: 11134

Customer:

Date: 05/15/96

Clean Up The Environment, Inc.

Time: 12:21

Generator:

Spill Location:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYGateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

Header ID: TFF100

TF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Lic. Plate: T12723

Tel #:

(201) 366-6415

Contact:

Adam

Driver's Name:

Yanavok, Charles

License #:

Y03811200009372

Operator's ID:

SCAL

Gross Weight: 41.94

Operator's Name:

Scenic House

Tare Weight: 15.95

Net Weight: 25.99

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: C Yanavok

MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 9602023

Ticket #: 11135

Customer:

Date: 05/15/96

Clean Up The Environment, Inc.

Time: 12:23

Generator:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NY

Spill Location:

Gateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

TF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Hauler ID: TET100

Lic. Plate: TIS371

Tel #:

(201) 366-6415

Contact:

Adam

Driver's Name:

Lucey, Patrick

License #:

L90476177109716

Operator's ID:

SCAL

Operator's Name:

Scale House

Gross Weight: 41.38

Tare Weight: 15.80

Net Weight: 25.58

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

MT. Hope Recycling

A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 528-8490

Job #: 8602023

Ticket #: 11147

Customer:

Date: 05/16/96

Clean Up The Environment, Inc.

Time: 08:53

Generator:

Spill Location:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYGateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

Hauler ID: THT100

TF Transportation
525 Mount Hope Road
Wharton, NJ 07885

Lic. Plate: TIS366

Tel #:

(201) 366-6415

Contact:

Adam

Driver's Name:

Stevens, William

License #:

86232 76565 07386

Operator's ID:

SCAL

Gross Weight: 48.15

Operator's Name:

Scale House

Tare Weight: 15.42

Net Weight: 32.73

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature:



MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 9602023

Ticket #: 11153

Customer:

Date: 05/16/96

Clean Up The Environment, Inc.

Time: 09:28

Generator:

Spill Location:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYGateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

Hauler ID: TET100

TF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Lic. Plate: T12725

Tel #:

(201) 366-6415

Contact: Adam

Driver's Name: Rush, Lou

License #: R9433 48871 05962

Operator's ID: SCAL

Gross Weight: 45.94

Operator's Name: Scale House

Tare Weight: 15.64

Net Weight: 30.30

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

MT. Hope Recycling **A Division of MT. Hope Rock Products Corp.**

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 9602023

Ticket #: 11152

Customer:

Date: 05/16/96

Clean Up The Environment, Inc.

Time: 09:26

Generator:

Gateway National Recreation
 Floyd Bennett Field
 Brooklyn, NY

Spill Location:

Gateway National Recreation Ar
 Floyd Bennett Field
 Flatbush Avenue
 Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

TF Transportation
 625 Mount Hope Road
 Wharton, NJ 07885

Hauler ID: TFF100

Lic. Plate: TIS371

Tel #:

(201) 366-6415

Contact:

Adam

Driver's Name:

Harrison, Chris

License #:

H0670 12477 06632

Operator's ID:

SCAL

Gross Weight: 48.51

Operator's Name:

Scale House

Tare Weight: 15.90

Net Weight: 32.61

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: _____



MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 928-8490

Job #: 9502023

Ticket #: 11154

Customer:

Date: 05/16/96

Clean Up The Environment, Inc.

Time: 09:29

Generator:

Spill Location:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYGateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

Hauler ID: TET100

TF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Lic. Plate: T1S371

Tel #:

(201) 366-6415

Contact:

Adam

Driver's Name:

Deas, A.

License #:

0050336346358099792

Operator's ID:

SCAL

Gross Weight:

49.59

Operator's Name:

Scale House

Tare Weight:

15.61

Net Weight:

34.28

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

MT. Hope Recycling

A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #:

Ticket #:

Customer:

Date:

0502023
Generator:

Spill Location:

Time: 11255

Clean Up The Environment, Inc.

05/16/96

09:30

Gateway National Recreation
Floyd Bennett Field

Gateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Waste Type: Brooklyn, NY

Contamination Method:

Trucking Company:

Unleaded Gasoline
Hauler ID:

Leaking Under Ground Storage

Lic. Plate:

Tel: TE Transportation
625 Mount Hope Road
Contact: Wharton, NJ 07885

TFT100

TI2724

Driver's Name:
(301) 366-6415

License #:

Operator's ID:
Operator's Name:

McGloin, Marion

Gross Weight:

M125450870522

Net Weight:

45.83

Scale House

15.75

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature:



MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 8602023

Ticket #: 11157

Customer:

Date: 05/16/96

Clean Up The Environment, Inc.

Time: 09:33

Generator:

Spill Location:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYGateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline.

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

TF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Hauler ID: TET100

Lic. Plate: T12726

Tel #:

(201) 366-6415

Contact:

Adam

Driver's Name:

Caton, Michael

License #:

C0826 54465 10576

Operator's ID:

SCAL

Gross Weight: 50.75

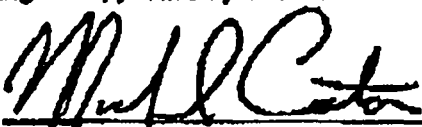
Operator's Name:

Scale House

Tare Weight: 15.80

Net Weight: 34.95

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 2602023

Ticket #: 11158

Customer:

Date: 05/16/96

Clean Up The Environment, Inc.

Time: 09:34

Generator:

Spill Location:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYGateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

Hauler ID: TFT100

TF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Lic. Plate: T4822W

Tel #:

(201) 366-6415

Contact:

Adam

Driver's Name:

Duke, Harry

License #:

695 507 205

Operator's ID:

SCAL

Gross Weight:

46.58

Operator's Name:

Spale, House

Tare Weight:

17.43

Net Weight:

29.15

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature:



MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: **B602023**Ticket #: **11160**

Customer:

Date: **05/16/96**

Clean Up The Environment, Inc.

Time: **09:37**

Generator:

Spill Location:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYGateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NYFuel type: **Unleaded Gasoline**

Waste Type: ID-27

Contamination Method: **Leaking Under Ground Storage**

Trucking Company:

Hauler ID: **TFT100**TF Transportation
625 Mount Hope Road
Wharton, NJ 07885Lic. Plate: **TIS370**

Tel #:

(201) 366-6415

Contact:

Adam

Driver's Name:

Biesinger, Robert

License #:

S42036586602714

Operator's ID:

Gross Weight: **46.23**

Operator's Name:

Scale
Scale HouseTare Weight: **16.02**Net Weight: **30.21**

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 9602023

Ticket #: 11161

Customer:

Date: 05/16/96

Clean Up The Environment, Inc.

Time: 09:38

Generator:

Spill Location:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYGateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

Hauler ID: TPT100

TF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Lic. Plate: T12727

Tel #:

(201) 366-6415

Contact: Adam

Driver's Name: Burk, Ray

License #: B93726436105464

Operator's ID: SCAL
Operator's Name: Scale House

Gross Weight: 49.12

Tare Weight: 15.75

Net Weight: 33.37

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 9602023

Ticket #: 11162

Customer:
Clean Up The Environment, Inc.

Date: 05/16/96

Time: 09:39

Generator:
Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYSpill Location:
Gateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY
Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:
TF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Hauler ID: TPT100

Lic. Plate: T509ZW

Tel #: (201) 366-6415

Contact: Adam

Driver's Name: Stevens, Mark

License #: 88232 50074 08474

Operator's ID: SEAL
Operator's Name: Scale House

Gross Weight: 42.31

Tare Weight: 17.43

Net Weight: 24.88

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

TOTAL P.11

268

MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 9602023

Ticket #: 11166

Customer:
Clean Up The Environment, Inc.

Date: 05/17/96

Time: 10:54

Generator:
Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYSpill Location:
Gateway National Recreation Area
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:
TF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Hauler ID: TET100

Lic. Plate: TISS71

Tel #: (201) 366-6415

Contact: Adam

Driver's Name: Harrison, Chris

License #: N0670 12477 06532

Operator's ID: SCAL
Operator's Name: Scale House

Gross Weight: 45.99

Tare Weight: 13.78

Net Weight: 30.21

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 9602023

Ticket #: 11167

Customer:
Clean Up The Environment, Inc.

Date: 05/17/96

Time: 10:36

Generator:
Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYSpill Location:
Gateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:
IF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Hauler ID: TBT100

Lic. Plate: T12725

Tel #: (201) 366-6415

Contact: Adam

Driver's Name: Rush, Lou

License #: R9433 48871 05962

Operator's ID: SCAL
Operator's Name: Scale House

Gross Weight: 45.26

Tare Weight: 15.70

Net Weight: 29.56

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

270

MT. Hope Recycling

A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-3490

Job #: 9602023

Ticket #: 11168

Customer:

Clean Up The Environment, Inc.

Date: 05/17/96

Time: 10:58

Generator:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NY

Spill Location:

Gateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

IF Transportation
625 Mount Hope Road
Wharton, NJ 07885

Hauler ID: TFF100

Lic. Plate: T18366

Tel #: (201) 366-6415

Contact: Adam

Driver's Name:

Stevens, William

License #:

38232 78565 07386

Operator's ID:

SCAL

Operator's Name:

Scale House

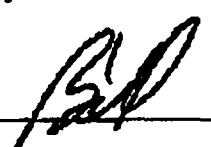
Gross Weight: 40.83

Tare Weight: 15.45

Net Weight: 25.40

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: _____



MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 966-7741 Fax (201) 328-8490

Job #: 9602023

Ticket #: 11170

Customer:
Clean Up The Environment, Inc.

Date: 05/17/96

Time: 11:25

Generator:
Gateway National Recreation
Floyd Bennett Field
Brooklyn, NYSpill Location:
Gateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:
TE Transportation
625 Mount Hope Road
Wharton, NJ 07885

Hauler ID: TTT100

Lic. Plate: T18365

Tel #: (201) 366-6415

Contact: Adam

Driver's Name: DEAN, A.

License #: D050336346358099732

Operator's ID: SCAL
Operator's Name: SCAL, ROSE

Gross Weight: 45.08

Tare Weight: 45.56

Net Weight: 29.47

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: 9602023

Ticket #: 11173

Customer:

Clean Up The Environment, Inc.

Date: 05/17/96

Time: 11:59

Generator:

Gateway National Recreation
Floyd Bennett Field
Brooklyn, NY

Spill Location:

Gateway National Recreation Ar
Floyd Bennett Field
Flatbush Avenue
Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:

T.E. Transportation
625 Mount Hope Road
Wharton, NJ 07885

Hauler ID: TET100

Lic. Plate: T13724

Tel #: (201) 366-6415

Contact: Adam

Driver's Name: McGloin, Marion

License #: M12545197157422

Operator's ID: SCAL
Operator's Name: Scale House

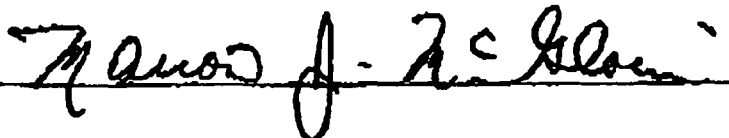
Gross Weight: 40.57

Tare Weight: 15.65

Net Weight: 24.92

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature:



MT. Hope Recycling
A Division of MT. Hope Rock Products Corp.

625 Mt. Hope Rd. • Wharton, NJ 07885 • Tel (201) 366-7741 Fax (201) 328-8490

Job #: B602023

10886
 Ticket #: 11175

Customer:
 Clean Up The Environment, Inc.

Date: 06/17/96
 Time: 13:15

Generator:
 Gateway National Recreation
 Floyd Bennett Field
 Brooklyn, NY

Spill Location:
 Gateway National Recreation Ar
 Floyd Bennett Field
 Flatbush Avenue
 Brooklyn, NY

Fuel Type: Unleaded Gasoline

Waste Type: ID-27

Contamination Method: Leaking Under Ground Storage

Trucking Company:
 Mt. Hope Rock Products
 625 Mt. Hope Road
 Wharton, NJ 07885

Hauler ID: MHR100
 Lic. Plate: XY43UH

Tel #: (201) 366-7741

Contact: Chip

Driver's Name: Seck, Thomas

License #: 32108 74062 08544

Operator's ID: SCAL
 Operator's Name: Scale House

Gross Weight: 35.76
 Tare Weight: 11.91
 Net Weight: 24.85

The undersigned certifies that the information provided on the waste manifest documentation is true, and that all DOT, EPA, and state environmental regulations have been complied with in the handling of this non-hazardous hydrocarbon contaminated soil. The undersigned further certifies that the material delivered is as represented by the laboratory analysis and material profile presented to the recycling facility during the application process.

Driver's Signature: 

TOTAL P.00

274

UST CLOSURE REPORT

FUEL PRODUCT AND PETROLEUM- CONTAMINATED WASTEWATER MANIFESTS

**USACE CONTRACT #94-C-0037
REMOVAL OF STORAGE TANKS, TRANSFORMERS &
MISCELLANEOUS, VARIOUS LOCATIONS, NEW YORK**

**SITE LOCATION: FLOYD BENNETT FIELD,
GATEWAY NATIONAL RECREATION AREA,
BROOKLYN, NEW YORK**



P.O. BOX 5010
FREEHOLD, NJ 07728-5010
PHONE: (908) 482-1001
FAX: (908) 308 0924

175 BARTOW MUN. AIRPORT
BARTOW, FL 33830
PHONE: (813) 533-4599
FAX: (813) 533-1613

108 MONAHAN AVENUE
DUNMORE, PA 18512
PHONE: (717) 342-7232
FAX: (717) 342-7367

350 PIGEON POINT RD
NEW CASTLE, DE 19720
PHONE: (302) 658-2005
FAX: (302) 658-6229

FCI EPA ID NO.:
NJD054126164

G 72942

GENERATOR NAME/ADDRESS BATWAY NATI... FLOYD DENNETT FIELD		PHONE 718 338-3710 (AREA CODE)		GENERATOR EPA ID NO.	
TRACTOR 12		TRAILER VT 24		APPOINTMENT TIME	
FCI REP. LOADING (PRINT) Gentry White	PROCEDURE UAC	BOX SPOTTED	BOX REMOVED	TIME AT GENERATOR (MILITARY TIME ONLY) 8 : 10	ARRIVAL TIME 11 : 15
COMMENTS OR DELAYS AT GENERATOR I GOT STUCK IN SAND				EQUIPMENT USED 3/3/05 2/2 1/4/05	
BROKER: CUTE				STATE MANIFEST NO.:	
PO. NO.:					

(X) HSE	PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NO. CONT.	CONT TYPE	WASTE NO.	PACKING GRUP	NA UN-NO	FORM	NET QUANTITY	UNIT MEASURE
1	NON-HAZARDOUS WASTE WATER	N/A	1	TT	-	-	-	1	5500	G
2										
3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E., IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED):
NJDEP 15939-15269 OK- REL TAF 8655 NT

GENERATOR'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The wastes described above were consigned to the Transporter named: The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the generator is obligated to pay the agreed rate offered to the contractor.

GENERATOR'S SIGNATURE X [Signature]	PLEASE PRINT NAME/TITLE David Brown	DATE LOADED 3/29/95
I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT		MO. DAY YR.

TSDF NAME/ADDRESS IT DUPO... CHAMBERS WORKS		PHONE 609 543-7773 (AREA CODE)		TSDF EPA ID NO. NJD0002385730	
TRACTOR 12		TRAILER VT 24		APPOINTMENT TIME	
FCI REP. UNLOADING (PRINT) Gentry White	PROCEDURE PIT	BOX SPOTTED	BOX REMOVED	TIME AT TSDF (MILITARY TIME ONLY) :	ARRIVAL TIME :
COMMENTS OR DELAYS AT TSDF				EQUIPMENT USED	
TSDF SIGNATURE X [Signature]				PLEASE PRINT NAME/TITLE	
				DATE UNLOADED 3/29/95	
				MO. DAY YR.	

AR H-0257 PC 944	ME ME-HWT-47 ME-WOT-47	MO H-1490 ND WH-429	NOVA SCOTIA, CANADA NSC 000 147	QUEBEC, CANADA QC-6ML-047
CT CT-HW-307	MD HWH-167 91-OP-1765	NH TNH-0047	OH 333-HW	RI RI-535
DE DE-HW-203	MA MA-294	NJ S-2265 15939	OK 3358	TX 40705
IL SWH-1540	MN 61572	NY JA-113	ONTARIO, CANADA A 840943	WI 11602
			PA PA-AH-0067	

White - FCI Original
Yellow - FCI Billing
Blue - FCI Office/Customer
Green - Retained by TSDF
Gold - Retained by Generator

G 72942

276



G82524

G 82524

275



P.O. BOX 5010
FREEHOLD, NJ 07728-5010
PHONE: (908) 462-1001
FAX: (908) 308 0924

175 BARTOW MUN. AIRPORT
BARTOW, FL 33830
PHONE: (813) 533-4599
FAX: (813) 533-1613

108 MONAHAN AVENUE
DUNMORE, PA 18512
PHONE: (717) 342-7232
FAX: (717) 342-7367

350 PIGEON POINT RD.
NEW CASTLE, DE 19720
PHONE: (302) 658-2005
FAX: (302) 658-6229

FCI EPA ID NO.:
NJD054126164

G61184

GENERATOR NAME/ADDRESS GATEWAY NATL RECREATION FLAUSHA RD ROCKY LN		PHONE 715-335-3710 (AREA CODE)	GENERATOR EPA ID NO. NY 1141711419	
TRACTOR 21		TRAILER 254	EQUIPMENT USED	
FCI REP. LOADING (PRINT) JAL K	PROCEDURE VAC	BOX SCOTCH	BOX REMOVED	TIME AT GENERATOR 11:30
COMMENT OR DELAYS AT GENERATOR			EQUIPMENT USED	

STATE NY	STATE MANIFEST NO. 25215
--------------------	------------------------------------

(X) NO.	PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NO. CONT.	CONT. TYPE	WASTE NO.	PACKING GROUP	NA/UN/NO.	FORM	NET WEIGHT	UNIT MEASURE
1	NON-HAZARDOUS WASTE WATER		1	II				L	4998 522	G
2										
3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E., IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED).

GENERATOR'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The wastes described above were consigned to the Transporter named. The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the generator is obligated to pay the agreed rate offered to the carrier.

GENERATOR'S SIGNATURE: **X [Signature]** PLEASE PRINT NAME/TITLE: **D.W. 3471**
R.L. 018

GENERATOR'S SIGNATURE X [Signature]	PLEASE PRINT NAME/TITLE D.W. 3471 R.L. 018	DATE 3/30/98
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TSDF NAME/ADDRESS C-TECH INC. CHASSIS WORKS ST. 130 DECEMBER 11 08023		PHONE 609-540-2573 (AREA CODE)	TSDF EPA ID NO. NY 10002385730	
TRACTOR 21		TRAILER 254	EQUIPMENT USED	
FCI REP. LOADING (PRINT) JAL K	PROCEDURE VAC	BOX SCOTCH	BOX REMOVED	TIME AT TSDF 11:30
COMMENT OR DELAYS AT TSDF			EQUIPMENT USED	
TSDF SIGNATURE X [Signature]		PLEASE PRINT NAME/TITLE D.W. 3471 R.L. 018		DATE 3/30/98

TSDF NAME/ADDRESS C-TECH INC. CHASSIS WORKS ST. 130 DECEMBER 11 08023	PHONE 609-540-2573 (AREA CODE)	TSDF EPA ID NO. NY 10002385730	
TRACTOR 21	TRAILER 254	EQUIPMENT USED	
FCI REP. LOADING (PRINT) JAL K	PROCEDURE VAC	BOX SCOTCH	BOX REMOVED
COMMENT OR DELAYS AT TSDF			EQUIPMENT USED
TSDF SIGNATURE X [Signature]		PLEASE PRINT NAME/TITLE D.W. 3471 R.L. 018	

TSDF NAME/ADDRESS C-TECH INC. CHASSIS WORKS ST. 130 DECEMBER 11 08023	PHONE 609-540-2573 (AREA CODE)	TSDF EPA ID NO. NY 10002385730	
TRACTOR 21	TRAILER 254	EQUIPMENT USED	
FCI REP. LOADING (PRINT) JAL K	PROCEDURE VAC	BOX SCOTCH	BOX REMOVED
COMMENT OR DELAYS AT TSDF			EQUIPMENT USED
TSDF SIGNATURE X [Signature]		PLEASE PRINT NAME/TITLE D.W. 3471 R.L. 018	

G61184

278



P.O. BOX 5010
FREEHOLD, NJ 07728-5010
PHONE: (908) 462-1001
FAX: (908) 308 0924

175 BARTOW MUN. AIRPORT
BARTOW, FL 33830
PHONE: (813) 533-4599
FAX: (813) 533-1613

108 MONAHAN AVENUE
DUNMORE, PA 18512
PHONE: (717) 342-7232
FAX: (717) 342-7367

350 PIGEON POINT RD.
NEW CASTLE, DE 19720
PHONE: (302) 658-2005
FAX: (302) 658-6229

MANIFEST, INC.

FCI EPA ID NO.:
NJD054126164

G 82526

GENERATOR NAME/ADDRESS Gateway Nat'l Recreation Area Floyd Bennett Field Flatbush Ave - Brooklyn NY 11234		PHONE 718 338-3710 (AREA CODE)		GENERATOR EPA ID NO. N Y 1 1 4 1 7 3 1 1 9 9	
FCI REP. LOADING (PRINT) David Smith		PROCEDURE VAC		APPOINTMENT TIME 124	
COMMENTS OR DELAYS AT GENERATOR		EQUIPMENT USED			

BROKER		STATE MANIFEST NO.	
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(X) NO.	PROPER U.S. D.O.T. SHIPPING NAME	U.S. D.O.T. HAZARDOUS CLASS	NO. CONT.	CONT. TYPE	WASTE NO.	PACKING GROUP	NA/UN/NO.	FORM	NET QUANTITY	UNIT MEASURE
1	NON-HAZARDOUS WASTE - WATER	N/A	1	TT	N/A	N/A	N/A	L	5280	G
2										
3										

SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E. IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED)

GENERATOR'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The wastes described above were consigned to the Transported named. The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

Payment to the contractor for waste removal does not constitute payment to the carrier and if the contractor does not pay the carrier, the generator is obligated to pay the agreed rate offered to the carrier.

GENERATOR'S SIGNATURE X David Smith	PLEASE PRINT NAME/TITLE David Berman Contractor	DATE LOADED 8/30/95
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TSDF NAME/ADDRESS E.I. DUPONT COMPANY CHAMBERS WORKS RT #130 DEERWATER NT 08023		PHONE 609 540-2573 (AREA CODE)		TSDF EPA ID NO. N J D 0 0 2 3 8 5 7 3 0	
FCI REP. UNLOADING (PRINT) David Smith		PROCEDURE Gravimetric		APPOINTMENT TIME 124	
COMMENTS OR DELAYS AT TSDF		EQUIPMENT USED			
TSDF SIGNATURE X		PLEASE PRINT NAME/TITLE		DATE UNLOADED 8/30/95	

AR 11-025	ME ME-HWT-001	NOVA SCOTIA CANADA NSC 000 147	QUEBEC CANADA QC-SML-047
PC 00000	ME ME-WOT-001	OH 333-HW	PE PE-535
CT 00000	ME ME-TW-001	OK 333-HW	TX 40705
DE 00000	ME ME-TW-001	ON 333-HW	WI 11602
DE 00000	ME ME-TW-001	PA 333-HW	
DE 00000	ME ME-TW-001		

WHILE FCI OFFICE	YOUNG & RUBICAM	BIG FISH	CHARTERED BY	G 82526
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Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address US Army Corps of Engineers, Fort Totten, Attn: Donald Braun, Bldg 200, Room 271 Alameda, CA 94601-1001						A. State Manifest Document Number NJA 1907213			
4. Generator's Phone () -		5. Transporter 1 Company Name WILSON WASTE INC.		6. US EPA ID Number NJ000000000000000000		7. State Trans. ID DEPE S-205 64395			
8. Transporter 2 Company Name		9. Designated Facility Name and Site Address CHRYSLER CREDIT CORP., INC. CHRYSLER & RAYMOND BKS. NEW BRIDGE, NJ 08057		10. US EPA ID Number		D. Transporter's Phone () -		E. State Trans. ID-NUDEPE	
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, HM ID Number and Packing Group)						12. Containers No. Type		13. Total Quantity	
a. X Petroleum Oil, N.O.S. Class 3 (petroleum oil) Combustible Liquid UN 1202 P 111								04529	
J. Additional Descriptions for Materials Listed Above PETROLEUM OIL 85 Water 15 : L,T						K. Handling Codes for Wastes Listed Above T04 Filtration			
15. Special handling instructions and additional information NOT EPA REGULATED. REGULATED AS HAZARDOUS WASTE IN NJ 11a. EXC 27 24 HOUR EMERGENCY PHONE: 201-427-2891 HALOGEN Results 50 ppm									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name John J. Lonergan				Signature 		Month Day Year 1040695			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name David Smith				Signature 		Month Day Year 1040695			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month Day Year			
19. Discrepancy Indication Space						281			
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name L. E. ...						Signature 		Month Day Year 1040695	

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection and Energy. (609) 292-7172

1907213



State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section

CN 421, Trenton, NJ 08625-0421

G-78911

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Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address US Army Corps of Engineers, Fort Totten, ATTN: Donald Braun, Bldg 200 Room 271, Flushing, NY 11359-0001						A. State Manifest Document Number NJA 1907224							
4. Generator's Phone (718) 352-1388						B. State Generator's ID (Gen. Site Address) Flushing Ave. - Brooklyn, NY 11201							
5. Transporter 1 Company Name Freehold Cartage Inc.						C. State Trans. ID-NUDEPE 024390							
6. US EPA ID Number N1110101512721611616						D. Transporter's Phone (908) 462-1001							
7. Transporter 2 Company Name						E. State Trans. ID-NUDEPE							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address Lionetti Oil Recovery Co., Inc. Cheesapeake & Sunyon Eds. Old Bridge, NJ 08857						G. State Facility's ID							
10. US EPA ID Number 111101019161016161616						H. Facility's Phone (908) 721-0900							
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) HM						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. X Petroleum Oil, N.O.S. Class 3 (Petroleum Oil) Combustible Liquid UN 1270 PG III						1		741 G				X17125	
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State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section
CN 421, Trenton, NJ 08625-0421

G87341

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Form Approved OMB No. 2050-0039 Expires 5-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NJ Y 1 1 4 1 7 3 1 1 9 9		Manifest Document No. 010101018		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address US Army Corps of Engineers, ATTN: Rich McInerney, Fort Totten, Bldg 200 Room 271 Flushing, NJ 08559-0001 4. Generator's Phone (718) 352-1888						A. State Manifest Document Number NJ A 1907229							
5. Transporter 1 Company Name Freehold Carriage, Inc.						B. State Generator's ID (Gen. Site Address) Flatbush Ave., Brooklyn, NY							
6. US EPA ID Number 1 1 1 0 5 4 1 2 6 1 6 6						C. State Trans. ID-NUDEPE 2 2 2 5							
7. Transporter 2 Company Name						D. Transporter's Phone (908) 462-1001							
8. US EPA ID Number						E. State Trans. ID-NUDEPE							
9. Designated Facility Name and Site Address Cycle Chem Inc. 217 South First St. Elizabeth, NJ 07206						F. Transporter's Phone ()							
10. US EPA ID Number 1 NJ 10 10 10 12 10 10 10 14 15						G. State Facility's ID-NUDEPE							
H. Facility's Phone (908) 355-5800													
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) HM						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. X 30 Waste Gasoline 3 1203 PG II						01011		X39.00		010101			
b.													
c.													
d.													
16. Additional Descriptions for Materials Listed Above 96% gas/2% water/2% solids L, I, E - D008, D015						K. Handling Codes for Wastes Listed Above a. S, I /							
b.						c.							
17. Special Handling Instructions and Additional Information 11a. 352865 ON EPC-27 24 HOUR EMERGENCY PHONE: 201-427-2881													
18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name John S. McInerney						Signature <i>[Signature]</i>			Month Day Year 08 07 95				
19. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name ALFONSO PROCHNO						Signature <i>[Signature]</i>			Month Day Year 08 07 95				
20. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name						Signature			Month Day Year				
18. Discrepancy Indication Space 3) X													
283													
21. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name WILLIAM PAPE													
Signature <i>[Signature]</i>						Month Day Year 01 07 95							

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection and Energy. (609) 292-7172



State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section
CN 421, Trenton, NJ 08625-0421

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Form Approved. OMB No. 2050-0039. Expires 8-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address US Army Corps of Engineers ATTN: Rich McInerney, Fort Totten, Bldg 200 Room 271, Flushing, NY 11359-0001		4. Generator's Phone (718) 352-1888		A. State Manifest Document Number NJ 1907228	
5. Transporter 1 Company Name Freehold Carriage Inc.		6. US EPA ID Number 13100561261614		C. State/Trans ID-NJ/DEPE	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address Cycle Chem, Inc. 217 South First St. Elizabeth, NJ 07206		10. US EPA ID Number 1611010121010416		E. State Trans ID-NJ/DEPE	
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) HM a. waste Combustible Liquid, N.O.S. (#4/#5 oil) Combustible Liquid NA 1993 PG III		12. Containers No. Type 0101 CM 0408 DG		13. Total Quantity SL	14. Unit Wt/Vol
J. Additional Descriptions for Materials Listed Above 95% #4/#5 oil sludge/5% pads, tyvec, debris L, T		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information 11a. 352865 CH4001 EXGP 27 24 HOUR EMERGENCY PHONE: 201-427-2881					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name John J. Lorigan		Signature 		Month Day Year 10/8/1995	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Jay Beck		Signature 		Month Day Year 10/8/1995	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space		284			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name		Signature		Month Day Year	

NJA 1907228

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Form Approved OMB No. 2050-CC29 Expires 3-30-94

HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address ATTN: R. McInerney, Fort Totten, Bldg 209 Room 271.0				A. State Manifest Document Number NJA 1907231	
4. Generator's Phone (718) 352-1221		6. US EPA ID Number		B. State Generator's ID (Gen. Site address) Flatbush Ave., Flatbush, NY 11235	
5. Transporter 1 Company Name		8. US EPA ID Number		C. State Trans. ID-NJDEPE	
7. Transporter 2 Company Name		10. US EPA ID Number		D. Transporter's Phone (408) 462-1001	
9. Designated Facility Name and Site Address Lionetti Oil Recovery Co., Inc. Cheesecake & Runyon Rds. Old Bridge, NJ 08857				E. State Trans. ID-NJDEPE	
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, HM ID Number and Packing Group)		12. Containers		F. Facility's Phone (703) 721-0000	
a. Petroleum Oil, N.O.S. Class I (Petroleum Oil) Communicable Liquid UN 1202	b. 1	c. 1	d. 1	e. Total Quantity	f. Unit WT/VOL waste no.
Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above			
petroleum oil / 60 L					
a. VACO-Q-1					
Special Handling Instructions and Additional Information					
NOT EPA REGULATED. REGULATED AS HAZARDOUS WASTE IN NJ 11c. UNCLAS 27 24 HOUR EMERGENCY PHONE: 201-427-2661					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name John J. LeMiergon		Signature <i>[Signature]</i>		Month Day Year 10/21/69	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Jim VanVlaenderen		Signature <i>[Signature]</i>		Month Day Year 10/21/69	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Tom Wyckoff					
Signature <i>[Signature]</i>		Month Day Year 10/21/69		285	



State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section
CN 421, Trenton, NJ 08625-0421

Form Approved OMB No. 2030-0047

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G 72096

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N Y 1 1 4 1 7 3 1 1 9 9	Manifest Document No. 0 0 0 1 2	2. Page 1 of 1	Information is not required
3. Generator's Name and Mailing Address US Army Corps of Engineers ATTN: R. McInerney, Fort Totten, Bldg 200 Room 271, Flushing, NY 11359-0001 Generator's Phone () (718) 352-1888			A. State Manifest Document Number NJA 1907232 Floyd Bennett Field Flatbush Ave., Brooklyn, NY		
5. Transporter 1 Company Name Freehold Cartage Inc.		6. US EPA ID Number N J D 0 5 4 1 2 6 1 6 4		C. State Trans. ID-NUDEPE 52265 Decal No. 64419	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (908) 462-1001	
9. Designated Facility Name and Site Address Lionetti Oil Recovery Co., Inc. Cheesequake & Runyon Rds. Old Bridge, NJ 08857		10. US EPA ID Number N J D 0 8 4 0 4 4 0 6 4		E. State Trans. ID-NUDEPE Decal No.	
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) X Petroleum Oil, N.O.S. Class 3 (Petroleum Oil) Combustible Liquid UN 1270 PG III		12. Containers No. Type		13. Manifest Codes 0 0 1 T T *5239G X 7 2 2	
J. Additional Descriptions for Materials Listed Above 1. petroleum oil 95 % 2. water 5 % L,T		K. Handling Codes for Waste E04 Filtration			
15. Special Handling Instructions and Additional Information NOT EPA REGULATED. REGULATED AS HAZARDOUS WASTE IN NJ 11a. ERG# 27 24 HOUR EMERGENCY PHONE: 201-427-2881					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the generator, classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the maximum economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which will minimize the future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize the waste using the best waste management method that is available to me and that I can afford.					
Printed/Typed Name John J. Lomas		Signature 			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Paulo R. Medeiros		Signature 			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature			
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted. Printed/Typed Name Tom Wychet					
Signature 					

NJA 1907232

286

081695

In case of an emergency or spill immediately call the state the emergency occurred in and the N.J. Dept. of Environmental Protection and Energy. (609) 292-7172

Transporter (cep)



State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section
CN 028, Trenton, NJ 08625-0028

G 84806

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved: OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address US Army Corps of Engineers ATTN: R. McInerney Ft. Totten, Bldg. 200 Rm. 271 Flushing, NY 11359-0001		4. Generator's Phone (718) 852-1888		A. State Manifest Document Number NJ 1603219	
5. Transporter 1 Company Name Freshhold Cartage Inc.		6. US EPA ID Number 181101041126164		B. State Generator's ID Floyd Bennett Field Flatbush Ave. Bklyn, NY	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Trans. ID 130252265	
9. Designated Facility Name and Site Address Licnetti Oil Recovery Co., Inc. Cheesecake & Runyon Rds. Old Bridge, NJ 08857		10. US EPA ID Number NJ 0018-04 H 06 K		D. Transporter's Phone (908) 462-1001	
				E. State Trans. ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (908) 221-0900	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HM		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	L Waste No.
a. X Petroleum oil, N.O.S. Class 3 (Petrol. Oil) Combustible Liquid UN 1200 PGII		0	0.5548	0.5548	X 7 2 2
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above Petroleum oil 5% water 95% L.T.		K. Handling Codes for Wastes Listed Above T04 Filtration			
15. Special Handling Instructions and Additional Information NOT EPA REGULATED. regulated as Hazardous waste in NJ NJ DECAL 64419 11a. BRC# 27 HALOGEN Results NY-JA-113 24 Hr. Emergency Phone: 201-427-2881 < 1000 PPM					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name John J. Loney		Signature [Signature]		Month Day Year 08 24 95	
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name David Smith		Signature [Signature]		Month Day Year 08 21 95	
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space		287			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Richard LeBell		Signature [Signature]		Month Day Year 08 21 95	

In case of an emergency or spill immediately call the state the emergency occurrence and the N.J. Dept. of Environmental Protection and Energy. (609) 292-7172

State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section
CN 421, Trenton, NJ 08625-0421

G 84785

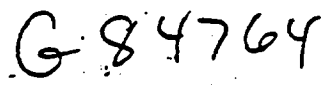
Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NJ 00041713111919	Manifest Document No. 0101115	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address US Army Corps of Engineers ATTN: P. McInerney, Fort Totten, Bldg 200, Room 271, Flushing, NY 11359-0001		A. State Manifest Document Number NJ 1969041		B. State Generator's ID (Generator's Address) Fort Totten, Bldg 200, Room 271, Flushing, NY 11359-0001	
4. Generator's Phone (718) 352-1885		C. State Transfer ID Number NJ 00041713111919		D. State Transfer ID Description Hazardous Waste	
5. Transporter 1 Company Name Freehold Cartage Inc.		E. US EPA ID Number 17131013141121511514		F. State Transfer ID Number NJ 00041713111919	
6. Transporter 2 Company Name		G. US EPA ID Number		H. State Transfer ID Number	
7. Designated Facility Name and Site Address CYCLE CHEN INC. 217 SOUTH FIRST ST ELIZABETH, NJ 07206		I. US EPA ID Number IN J 01010121210101416		J. State Facility's ID Number NJ 00041713111919	
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) HM Waste Gasoline 3 UN 1203 PG II		12. Containers No. Type		13. Total Quantity Unit Wt/Vol Waste No.	
				X 5058	
15. Special Handling Instructions and Additional Information 116. 352-1885 ON SRG 27 24 HOUR EMERGENCY PHONE: 201-827-2881		K. Handling Codes for Wastes Listed Above S W			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. I am a large quantity generator. I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name: David Deane Signature: David Deane Month Day Year: 082395		18. Facility Owner/Operator Acknowledgment of Receipt of Materials Printed/Typed Name: Paul Bern Signature: Paul Bern Month Day Year: 082395			
19. Facility Owner/Operator Acknowledgment of Receipt of Materials Printed/Typed Name: Paul Bern Signature: Paul Bern Month Day Year: 082395		20. Facility Owner/Operator Acknowledgment of Receipt of Materials Printed/Typed Name: Paul Bern Signature: Paul Bern Month Day Year: 082395			

In case of an emergency or spill, immediately call the state emergency response team (SERT) at 1-800-452-7029.

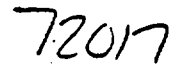
NJ 1969041



Form Approved: OMB No. 2050-0039 Expires 9-30-94

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES

5 - TRANSPORTER 1 COPY



Form Approved. OMB No. 2050-0039. Exp. 12-31-94

EPA Form 8700-22 (Rev. 8/78) Previous editions are obsolete.

SIGNATURE AND INFORMATION MUST BE LEGIBLE ON ALL COPIES



State of New Jersey
Department of Environmental Protection and Energy
Hazardous Waste Regulation Program
Manifest Section
CN 421, Trenton, NJ 08625-0421

8746

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Form Approved OMB No. 2050-0039, Exp.

130-84

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded is not required by Federal
3. Generator's Name and Mailing Address US Army Corps of Engineers ATTN: R. McInerney, Fort Totten, Bldg 200, Room 271 Flushing, NY 11359-0001		4. Generator's Phone () 718-152-1353		A. State Manifest Document Number NJ 196904	
5. Transporter 1 Company Name Froehlich Cartage Inc.		6. US EPA ID Number 17 17 15 13 12 11 10 9		B. State Generator's ID (Gen. Site Address) Flatbush Ave. Brooklyn	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Trans. ID-NOPE ES 1	
9. Designated Facility Name and Site Address CYCLE CHEM INC. 217 SOUTH FIRST ST. ELIZABETH, NJ 07206		10. US EPA ID Number NJ 0002200046		D. Transporter's Phone (908) 452-1	
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, HM		12. Containers No.		13. Total Quantity	14. Unit Wt/Vol Waste No.
a. 30 Waste Gasoline		b. 04451			
c. 1		d. 1		e. 1	
f. 1		g. 1		h. 1	
i. 1		j. 1		k. 1	
l. 1		m. 1		n. 1	
o. 1		p. 1		q. 1	
r. 1		s. 1		t. 1	
u. 1		v. 1		w. 1	
x. 1		y. 1		z. 1	
15. Special Handling Instructions and Additional Information 113-35285504 UO, ERG 27 24 HOUR EMERGENCY PHONE: 201-427-2881		K. Handling Codes for Wastes Listed Above S			
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway, according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name: DAVID SMITH Signature: David Smith Month: 08 Day: 12 Year: 95		18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name: [Signature] Signature: [Signature] Month: 08 Day: 12 Year: 95			
19. Discrepancy Indication Space TA 96-95 1/2 - NJ 113-35285504 1/2 96% 9 NA 3082 PG-III M 0001					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name: SPARS Signature: [Signature] Month: 08 Day: 12 Year: 95					



State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section
CN 421, Trenton, NJ 08625-0421

* 2 2 9 0 9 0 9 *

Please type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039 Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N Y 1 1 4 1 7 3 8 1 1 9 9 0 0 0	Manifest Document No. 0 0 0	2 Page 1 of 1	Information in the shaded areas is not required by Federal law.						
3. Generator's Name and Mailing Address US Army Corps of Engineers ATTN: R. McInerney, Fort Totten, Bldg 200 Room 271 Flushing, NY 11359-0001				A. State Manifest Document Number NJA 2290909							
4. Generator's Phone (718) 352-1888				B. State Generator's ID (Gen. Site Address) Flatbush Ave., Brooklyn, NY							
5. Transporter 1 Company Name Freehold Cartage Inc.		6. US EPA ID Number N J D 0 5 4 1 2 6 1 6 4		C. State Trans. ID-NJDEPE X J 2 2 6 5 Decal No. H 2 5 1 3 3							
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (908) 462-1001							
9. Designated Facility Name and Site Address Cycle Chem Inc. 217 S. First St. Elizabeth, NJ 07206		10. US EPA ID Number N J D 0 0 2 2 0 0 0 4 6		E. State Trans. ID-NJDEPE Decal No.							
11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) HM				12. Containers No Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.				
a.	Waste Petroleum Mixture Liquid, N.O.S. DOT Non-Regulated RCRA Non-Hazardous	0 6 6	DIM 6 0 3 3 0	G	X	1 7 1 2 1 2					
b.	Waste Petroleum Mixture Liquid, N.O.S. DOT Non-Regulated RCRA Non-Hazardous	0 0 6	DIM 6 4 3 3 0	G	X	1 7 1 2 1 2					
c.	Waste Chemical N.O.S. DOT Non-Regulated RCRA Non-Hazardous DOT Non-Regulated	0 0 3	DIM 0 9 1 6 5	G	X	1 9 1 0 1 0					
d.											
J. Additional Descriptions for Materials Listed Above 100% FUEL OIL Tank Bottoms T,L 50% Fuel Oil/50% Water L,T 100% WATER SOFTENER c L,T				K. Handling Codes for Wastes Listed Above a S D / c S D / b S D / d							
15. Special Handling Instructions and Additional Information 11a. 352865CEH006 11b. 352865OW 352865OW 24 HOUR EMERGENCY PHONE: 201-427-2881 11c. 352865CEH002											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name John J. Langer				Signature <i>John J. Langer</i>		Month Day Year 01/13/96					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name JOHN J. Murphy				Signature <i>John J. Murphy</i>		Month Day Year 01/13/96					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month Day Year					
19. Agency Indication Space SA) #2, 4, 6 JB) ADD VERGIN #2, 4 TO OEL JC) DELETE T											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 Printed/Typed Name NICK PACE								Signature <i>Nick Pace</i>		Month Day Year 01/13/96	

UST CLOSURE REPORT

UST SCRAP METAL DISPOSAL TICKETS

**USACE CONTRACT #94-C-0037
REMOVAL OF STORAGE TANKS, TRANSFORMERS &
MISCELLANEOUS, VARIOUS LOCATIONS, NEW YORK**

**SITE LOCATION: FLOYD BENNETT FIELD,
GATEWAY NATIONAL RECREATION AREA,
BROOKLYN, NEW YORK**



Trans disposed
NAPORANO IRON & METAL CO.
P.O. BOX 5158
NEWARK, NJ 07105

*Floyd Bennett Field
Brooklyn NY.*
NO. **FM 305731**

TRANSACTION DATE:

07/25/95 CHECK NO 305731

PAID TO:

C.U.T.E.
103 Godwin Avenue
Midland Park NJ 07432

• THE ATTACHED CHECK IS IN PAYMENT OF
THE ITEMS DESCRIBED BELOW. IF NOT
CORRECT PLEASE NOTIFY US PROMPTLY.

ACCT. NO.:

1607 / 00243195

VOUCHER NO 305731

RCPT #	DATE	PO NO	RECEIVED NET LBS	PROD #	DESCRIPTION	NET LBS	UNIT WEIGHT UM	PCS	UNIT PRICE UM	EQP TIME	EQUIPM CHARGE UM	AMT DU
303108	06/13/95	N53961	12780	300	UPPD P&S	12780	5.71 GT		100.0000 GT			571.0
				9340	EXP. REC. FRE					.1	200.00 LC	-200.0
303109	06/16/95	N53961	29780	300	UPPD P&S	29780	12.95 ST		100.0000 GT			1,295.0
				9340	EXP. REC. FRE					.1	200.00 LC	-200.0
303110	06/29/95	N53961	11460	100	UPPD #1 MMS	11460	5.12 GT		99.0000 GT			460.0
				9340	EXP. REC. FRE					.1	200.00 LC	-200.0

TOTAL AMOUNT DUE SUPPLIER: \$1,716.0

*For
Tulden*

OUTSIDE JOB REMITTANCE ADVISE FOR PERIOD 01/01/95 THRU 07/01/95



NAPORANO IRON & METAL CO.
P.O. BOX 5158
NEWARK, NJ 07105

NO. **FM** 306595

TRANSACTION DATE: 08/22/95 CHECK NO 306595

PAID TO: C.U.T.E.
103 Godwin Avenue
Midland Park NJ 07432

• THE ATTACHED CHECK IS IN PAYMENT OF
THE ITEMS DESCRIBED BELOW. IF NOT
CORRECT PLEASE NOTIFY US PROMPTLY.

ACCT. NO.: 1607 / 00243195

VOUCHER NO 306595

RCPT #	DATE	PO NO	RECEIVED NET LBS	PROD #	DESCRIPTION	NET LBS	UNIT WEIGHT	UM	PCS	UNIT PRICE	UM	EQP TIME	EQUIPM CHARGE	UM	AMT DU
50908	08/14/95	N53951	16200	300	UPPD P&S	16200	7.22	GT		100.0000	GT				722.0
				9340	EXP. REC. FRE							.1	200.00	LD	-200.0
															=====
															TOTAL AMOUNT DUE SUPPLIER: \$522.0

OUTSIDE JOB REMITTANCE ADVICE FOR PERIOD 01/01/95 THRU 08/18/95



NAPORANO IRON & METAL CO.
P.O. BOX 5158
NEWARK, NJ 07105

NO. **HS 136610**

TRANSACTION DATE:

95 AUG 23 11 26 AM / 12 06 PM CHECK NO. 136610

AD TO:

C.U.T.E.
103 Godwin Avenue
Midland Park NJ 07432

• THE ATTACHED CHECK IS IN PAYMENT OF
THE ITEMS DESCRIBED BELOW. IF NOT
CORRECT PLEASE NOTIFY US PROMPTLY.

ACCT. NO.:

1607 / 00243195

VOUCHER NO 136610

RN: 296209 , GROSS: 74020 LBS, TARE: 36740 LBS, DEDUCT: 0 LBS (), NET: 37280 LBS / 16.64 GT

PRODUCT DESCRIPTION	LBS	GT	PRICE PER	AMOUNT	LOC
300 UPPD P&S	37280	16.64	76.0000 GT	1,265.00	SH

FREIGHT CHARGE / LOAD
WASTE CHARGE
TOTAL AMOUNT DUE SUPPLIER

\$1,265.00

SCALE MATERIAL REMITTANCE ADVICE

NAPORANO IRON & METAL CO.
P.O. BOX 5158
NEWARK, NJ 07105



National Westminster Bank NJ
KINGS HIGHWAY and RAILROAD AVENUE
SWEDSBORO, N.J. 08085
This is a Zero-Balance Account
Phone 201-547-7795

NO. **HS 136610**

55-77
312

PAY THIS AMOUNT

DATE

AMOUNT

95 AUG 23

\$1265.00

*** ONE THOUSAND, TWO HUNDRED SIXTY FIVE DOLLARS ***

TO THE
ORDER OF:

C.U.T.E.
103 Godwin Avenue
Midland Park NJ 07432

CHECK VOID AFTER 90 DAYS

296

11 136610 11 10312007721 210000106611



NAPORANO IRON & METAL CO.
P.O. BOX 5158
NEWARK, NJ 07105

NO. **FM 306909**

TRANSACTION DATE: 09/21/95 CHECK NO 306909

PAID TO: C.V.T.E.
103 Gowin Avenue
Midland Park NJ 07432

• THE ATTACHED CHECK IS IN PAYMENT OF
THE ITEMS DESCRIBED BELOW. IF NOT
CORRECT PLEASE NOTIFY US PROMPTLY.

ACCT. NO.: 1607 / 00043195

VOUCHER NO 306909

RCPT #	DATE	PO NO	RECEIVED NET LBS	PROD #	DESCRIPTION	NET LBS	UNIT WEIGHT	UM	POB	UNIT PRICE	UM	EQP TIME	EQUIPM CHARGE	UM	AMT DU
000700	09/21/95	N53061	37280	300	UPPD PLS	37280	15.34	GT		100.0000	GT				1,554.0
				9340	EXP. RECD. FRE								300.00	LD	-300.0
TOTAL AMOUNT DUE SUPPLIER:															\$1,454.0

OUTSIDE JOB REMITTANCE ADVICE FOR PERIOD 01/01/95 THRU 09/31/95



PRIDE IN PERFORMANCE

NAPORANO IRON & METAL CO.

P.O. BOX 5158
NEWARK, NJ 07105

NO. **FM 311020**

TRANSACTION DATE:

02/27/96 CHECK NO 311020

PAID TO:

C.U.T.E.
103 Godwin Avenue
Midland Park NJ 07432

• THE ATTACHED CHECK IS IN PAYMENT OF
THE ITEMS DESCRIBED BELOW. IF NOT
CORRECT PLEASE NOTIFY US PROMPTLY.

ACCT. NO.:

1607 / 00243195

VOUCHER NO 311020

RCPT #	DATE	PO NO	RECEIVED NET LBS	PROD #	DESCRIPTION	NET LBS	UNIT WEIGHT	UM	PCS	UNIT PRICE	UM	EQP TIME	EQUIPM CHARGE	UM	AMT DUE
006017	01/25/96	N53961	31000	100	UPPD #1 HMS	15500	6.92	GT		90.0000	GT				623.00
				300	UPPD P&S	15500	6.92	GT		100.0000	GT				692.00
				9340	EXP. REC. FRE							.1	200.00	LD	-200.00
TOTAL AMOUNT DUE SUPPLIER:															\$1,115.00

OUTSIDE JOB REMITTANCE ADVICE FOR PERIOD 01/01/95 THRU 02/24/96

UST CLOSURE REPORT

BACKFILL RECEIPTS

**USACE CONTRACT #94-C-0037
REMOVAL OF STORAGE TANKS, TRANSFORMERS &
MISCELLANEOUS, VARIOUS LOCATIONS, NEW YORK**

**SITE LOCATION: FLOYD BENNETT FIELD,
GATEWAY NATIONAL RECREATION AREA,
BROOKLYN, NEW YORK**

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

No.165121

16 Big A/Cute

Flayd Bennick

TIME FROM PLANT	TIME ON JOB			
			LBS. BITUMINOUS CONCRETE	
			LBS. BITUMINOUS CONCRETE (SPECIAL MIX)	
			LBS. CRUSHED STONE	
		46820	BANK RUN	N
		26600		T
		73420		L
		10.00		23 41

RECEIVED BY

SHIPPER

The Purchaser represents that purchaser or his authorized Agent who signs this sales slip has selected the above materials.

McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

No.165122

16 Big A/Cute

Flayd Bennick

TIME FROM PLANT	TIME ON JOB			
			LBS. BITUMINOUS CONCRETE	
			LBS. BITUMINOUS CONCRETE (SPECIAL MIX)	
			LBS. CRUSHED STONE	
		43720	BANK RUN	N
		30100		T
		73520		L
		10.00		21.86

RECEIVED BY

SHIPPER

The Purchaser represents that purchaser or his authorized Agent who signs this sales slip has selected the above materials.

McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

FRED McDOWELL INC.ROUTE 34, WALL, N.J. 07719
908/681-5000ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

RECEIVED BY

SHIPPER

No.167906

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

41446

2.17 ACN

2.6

26600

65040

20.72

The Purchaser represents that purchaser or his authorized Agent signs
this sales slip has selected the above materials.McDowell Inc. makes no representation or warranty of any kind respecting
the materials purchased or their fitness for any use.**FRED McDOWELL INC.**ROUTE 34, WALL, N.J. 07719
908/681-5000ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

RECEIVED BY

SHIPPER

No.167907

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

43760

2.17 ACN

2.6

26600

70360

21.88

21.88

The Purchaser represents that purchaser or his authorized Agent signs
this sales slip has selected the above materials.McDowell Inc. makes no representation or warranty of any kind respecting
the materials purchased or their fitness for any use.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

No. 167308

Big A/Cute
30000
May 20 1968

TIME FROM PLANT	TIME ON JOB			
			LBS. BITUMINOUS CONCRETE	
			LBS. BITUMINOUS CONCRETE (SPECIAL MIX)	
			LBS. CRUSHED STONE	
		42340	2 PNT RUN	N
		50000		1
		72340		2
				21 17

RECEIVED BY

SHIPPER

The Purchaser represents that purchaser or his authorized Agent who signs this sales slip has selected the above materials.
McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

No. 167914

Big A/Cute
30000
May 20 1968

TIME FROM PLANT	TIME ON JOB			
			LBS. BITUMINOUS CONCRETE	
			LBS. BITUMINOUS CONCRETE (SPECIAL MIX)	
			LBS. CRUSHED STONE	
		41580	2 PNT RUN	N
		66500		1
		60950		2
				20.94

RECEIVED BY

SHIPPER

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McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

RECEIVED BY

SHIPPER

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this sales slip has selected the above materials.McDowell Inc. makes no representation or warranty of any kind respecting
the materials purchased or their fitness for any use.**FRED McDOWELL INC.**

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

RECEIVED BY

SHIPPER

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the materials purchased or their fitness for any use.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT

FARMINGDALE, N.J.

GRAVEL PLANT

WEST BELMAR, N.J.

No. 167921

Big A/Cute
ASPHALT
Hoyt Bean Rd

TIME FROM PLANT	TIME ON JOB			
		46150	PANKAUN	N
		30000		I
		76160		E
TIME OFF JOB	TIME BACK TO PLANT			
				23.08

RECEIVED BY

A.S. DEWON

SHIPPER

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT

FARMINGDALE, N.J.

GRAVEL PLANT

WEST BELMAR, N.J.

No. 167922

1 2 Big A/Cute
ASPHALT
Hoyt Bean Rd

TIME FROM PLANT	TIME ON JOB			
		40560	PANKAUN	N
		76600		T
		67160		E
TIME OFF JOB	TIME BACK TO PLANT			
				20.28

RECEIVED BY

S. C. K-D

SHIPPER

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

No. 167923

2 1/4 Big A/Kute

Flag Bear Mh

TIME FROM PLANT	TIME ON JOB			
			LBS. BITUMINOUS CONCRETE	
			LBS. BITUMINOUS CONCRETE (SPECIAL MIX)	
			LBS. CRUSHED STONE	
		44220	211K RUN	M
		16600		
		70820	Ton 2211	C
				22.11
RECEIVED BY		The Purchaser represents that purchaser or his authorized Agent who signs this sales slip has selected the above materials.		
SHIPPER		McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.		

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

No. 167928

2 1/4 Big A/Kute

Flag Bear Mh

TIME FROM PLANT	TIME ON JOB			
			LBS. BITUMINOUS CONCRETE	
			LBS. BITUMINOUS CONCRETE (SPECIAL MIX)	
			LBS. CRUSHED STONE	
		43340	211K RUN	M
		26600		
		57740		C
		9.600	2167	21.67
RECEIVED BY		The Purchaser represents that purchaser or his authorized Agent who signs this sales slip has selected the above materials.		
SHIPPER		McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.		

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

No. 16791

1 Big A/Cute

Floyd Bennick

TIME FROM PLANT	TIME ON JOB			
		LBS. BITUMINOUS CONCRETE		
		LBS. BITUMINOUS CONCRETE (SPECIAL MIX)		
		LBS. CRUSHED STONE		
		42700	2nd A/C	N
		30000		
TIME OFF JOB	TIME BACK TO PLANT	73700		
				21 95

RECEIVED BY

J. J. D'Alagni

SHIPPER

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

No. 167937

2 Big A/Cute

Floyd Bennick

TIME FROM PLANT	TIME ON JOB			
		LBS. BITUMINOUS CONCRETE		
		LBS. BITUMINOUS CONCRETE (SPECIAL MIX)		
		LBS. CRUSHED STONE		
		42150	2nd A/C	N
		26600		
TIME OFF JOB	TIME BACK TO PLANT	68750		
				21 09

RECEIVED BY

S. J. D'Alagni

SHIPPER

K-1

The Purchaser represents that purchaser or his authorized Agent who signs this sales slip has selected the above materials.
McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

BIG A/CUTE
20000 - 10000
Flange Ben Ho
No. 165216
7/7/11

		LBS. BITUMINOUS CONCRETE		
		LBS. BITUMINOUS CONCRETE (SPECIAL MIX)		
		LBS. CRUSHED STONE		
TIME FROM PLANT	TIME ON JOB			
		45720	RANK RUN	N
		30000		
TIME OFF JOB	TIME BACK TO PLANT	75720		
				82.86

RECEIVED BY Y.S. DRACON
SHIPPER LIC A

The Purchaser represents that purchaser or his authorized Agent who signs this sales slip has selected the above materials.
McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

TIME FROM PLANT	TIME ON JOB	LBS. CRUSHED STONE		
		63880	17500	N
TIME OFF JOB	TIME BACK TO PLANT	26600		-
		80880		-
		12100		

RECEIVED BY W. H. 21.94
 SHIPPER W. H.
 The Purchaser represents that purchaser or his authorized Agent who signs this sales slip has selected the above materials.
 McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

TIME FROM PLANT	TIME ON JOB	3 7 7 60	3 AM - RUN	✓
		26600		✓
TIME OFF JOB	TIME BACK TO PLANT	66560		✓
		19.98		✓
RECEIVED BY		The Purchaser represents that purchaser or his authorized Agent who signs this sales slip has selected the above materials.		
SHIPPER		McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.		

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT TIME ON JOB

TIME OFF JOB TIME BACK TO PLANT

	LBS. BITUMINOUS CONCRETE		
	LBS. BITUMINOUS CONCRETE (SPECIAL MIX)		
	LBS. CRUSHED STONE		
47600	200 LBS		
26600			
62200			
7000			21.3 Tons

RECEIVED BY

SHIPPER

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT TIME ON JOB

TIME OFF JOB TIME BACK TO PLANT

	LBS. BITUMINOUS CONCRETE		
	LBS. BITUMINOUS CONCRETE (SPECIAL MIX)		
	LBS. CRUSHED STONE		
44750	200 LBS		
26600			
71550	22 49		22.49 Tons
6000			

RECEIVED BY

SHIPPER

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT	TIME ON JOB			
			LBS. BITUMINOUS CONCRETE	
			LBS. BITUMINOUS CONCRETE (SPECIAL MIX)	
			LBS. CRUSHED STONE	
		412480	3000000	N
		26600		
		61000	2124	
				21.24

RECEIVED BY

SHIPPER

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT	TIME ON JOB			
			LBS. BITUMINOUS CONCRETE	
			LBS. BITUMINOUS CONCRETE (SPECIAL MIX)	
			LBS. CRUSHED STONE	
		42420	3000000	N
		26600		
		61000		
				21.21

RECEIVED BY

SHIPPER

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT

FARMINGDALE, N.J.

GRAVEL PLANT

WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

RECEIVED BY

SHIPPER

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this sales slip has selected the above materials.McDowell Inc. makes no representation or warranty of any kind respecting
the materials purchased or their fitness for any use.**FRED McDOWELL INC.**

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT

FARMINGDALE, N.J.

GRAVEL PLANT

WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

RECEIVED BY

SHIPPER

The Purchaser represents that purchaser or his authorized Agent who signs
this sales slip has selected the above materials.
McDowell Inc. makes no representation or warranty of any kind respecting
the materials purchased or their fitness for any use.

312

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

RECEIVED BY

SHIPPER

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

The Purchaser represents that purchaser or his authorized Agent who signs
this sales slip has selected the above materials.McDowell Inc. makes no representation or warranty of any kind respecting
the materials purchased or their fitness for any use.**FRED McDOWELL INC.**

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

RECEIVED BY

SHIPPER

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

The Purchaser represents that purchaser or his authorized Agent who signs
this sales slip has selected the above materials.McDowell Inc. makes no representation or warranty of any kind respecting
the materials purchased or their fitness for any use.

313

TIME FROM PLANT	TIME ON JOB			
		02:100	2127	
TIME OFF JOB	TIME BACK TO PLANT	00:050		
		01:140	2127	
		01:140		
				21.07

RECEIVED BY _____

SHIPPER _____

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McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

TIME FROM PLANT	TIME ON JOB				
		5 04 50	CONF AON	N	
TIME OFF JOB	TIME BACK TO PLANT	2 55 00			
		6 1 00			
		Pickup			
					20.23

RECEIVED BY [Signature]

SHIPPER 302 A

The Purchaser represents that purchaser or his authorized Agent who signs this sales slip has selected the above materials.

McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT

FARMINGDALE, N.J.

GRAVEL PLANT

WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

42320

6600

6600

1000

PARK AVENUE

21.16

Scot

1-1

The Purchaser represents that purchaser or his authorized agent signs this sales slip has selected the above materials.
McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

No. 167843

2 Big A/Cute

Asphalt - 10000
Gravel - 10000

Shayd Ben. Ald.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT

FARMINGDALE, N.J.

GRAVEL PLANT

WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

46000

6600

72000

1000

PARK AVENUE

2305

23.05

RECEIVED BY

SHIPPER

The Purchaser represents that purchaser or his authorized agent signs this sales slip has selected the above materials.
McDowell Inc. makes no representation or warranty of any kind respecting the materials purchased or their fitness for any use.

No. 167851

114 Big A/Cute

Shayd Ben. Ald.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT TIME ON JOB

TIME OFF JOB TIME BACK TO PLANT

RECEIVED BY

SHIPPER

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

No. 167318

Big A/Cute
2 PMS
Shayk Benn JLD

42020	2600	72530		
				22.01

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT TIME ON JOB

TIME OFF JOB TIME BACK TO PLANT

RECEIVED BY

SHIPPER

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

No. 167865

2 Big A/Cute
2 PMS
Shayk Benn JLD

41740	2600	68540		
				20.97

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

RECEIVED BY

SHIPPER

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this sales slip has selected the above materials.McDowell Inc. makes no representation or warranty of any kind respecting
the materials purchased or their fitness for any use.**FRED McDOWELL INC.**

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

RECEIVED BY

SHIPPER

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the materials purchased or their fitness for any use.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

RECEIVED BY

SHIPPER

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

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this sales slip has selected the above materials.McDowell Inc. makes no representation or warranty of any kind respecting
the materials purchased or their fitness for any use.**FRED McDOWELL INC.**

ROUTE 34, WALL, N.J. 07719

908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.GRAVEL PLANT
WEST BELMAR, N.J.

TIME FROM PLANT

TIME ON JOB

TIME OFF JOB

TIME BACK
TO PLANT

RECEIVED BY

SHIPPER

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

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this sales slip has selected the above materials.McDowell Inc. makes no representation or warranty of any kind respecting
the materials purchased or their fitness for any use.

FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

No. 167382

11 2 Big A/Cute

Lloyd Bannold

TIME FROM PLANT TIME ON JOB

TIME OFF JOB TIME BACK TO PLANT

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

42200

PINK RUN

26600

65400

1.45

21 06

RECEIVED BY

SHIPPER

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

No. 167883

11 2 Big A/Cute

Lloyd Bannold

TIME FROM PLANT TIME ON JOB

TIME OFF JOB TIME BACK TO PLANT

LBS. BITUMINOUS CONCRETE

LBS. BITUMINOUS CONCRETE
(SPECIAL MIX)

LBS. CRUSHED STONE

42200

PINK RUN

26600

65400

1.45

21 10

RECEIVED BY

SHIPPER

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FRED McDOWELL INC.

ROUTE 34, WALL, N.J. 07719
908/681-5000

ASPHALT PLANT
FARMINGDALE, N.J.

GRAVEL PLANT
WEST BELMAR, N.J.

No. 167834

Big A / Cuts
20 Yds - 17' - 11"
Lloyd Bennick

TIME FROM PLANT	TIME ON JOB		LBS. BITUMINOUS CONCRETE		
			LBS. BITUMINOUS CONCRETE (SPECIAL MIX)		
			LBS. CRUSHED STONE		
		47020	APPL. RUN	N	
		16600		/	
		62600		/	
		10 hrs		23	51

RECEIVED BY

SHIPPER

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