

UNDERGROUND STORAGE TANK CLOSURE REPORT

**COOPER TANK & WELDING CORP.
215 MOORE STREET
BROOKLYN, NY**

NYSDEC Spill # 0312904

Prepared for:

**Cooper Tank & Welding Corp.
215 Moore Street
Brooklyn, NY 11206**

Prepared by:

**RND Services Inc.
10 Waldron Avenue
Nyack, New York 10960**

February 2004

**Cooper Tank & Welding Corp.
215 Moore Street
Brooklyn, NY 11206**

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**Cooper Tank & Welding Corp.
215 Moore Street
Brooklyn, NY 11206**

2004 AUG -9 PM 2:19

1.0 PURPOSE

On behalf of Cooper Tank & Welding Corp. (Cooper), RND Services Inc. (RND) removed one (1) 1,080-gallon underground storage tank (UST) from the property located at 215 Moore Street, Brooklyn, New York (Figure 1). The UST previously contained diesel fuel that was used for fueling Cooper's heavy equipment, namely the forklifts. This report summarizes the activities conducted during the tank removal, the results of laboratory analysis of samples taken following the tank removal and also offers recommendations based on our conclusions. Photographic Documentation is provided in **Appendix A**.

All activities associated with this tank removal were guided by the New York State Department of Environmental Conservation (NYSDEC) Guidance documents entitled, Spill Technology and Remediation Series (STARS) Memo No. 1: Petroleum Contaminated Soil Guidance Policy and Spill Prevention Operation Technology Series (SPOTS) Document No. 14.

2.0 SITE SUMMARY

The property is located in a commercialized section of Brooklyn where it occupies Block 3100 Lot 56 along Moore Street (address range 207-219). The site is the offices and shop for Cooper, a manufacturer of steel fabricators for sanitation containers (such as roll-offs). The underground storage tank (UST) was located in the southwest corner of the welding shop of Cooper under the concrete floor. Access to this part of the shop is from Moore Street through overhead rolled up garage doors. The UST had been in use up until the time of a tank test failure on 2/20/04. After the failed tank test Cooper proceeded with the appropriate steps to remove the tank from service.

The property is supplied by municipal water and sewer services. Groundwater was encountered at the base of the excavation at approximately 11 feet below grade but is not used as a source of potable water supply. Groundwater flow in the general area is expected to be to the southwest toward the Hudson River.

3.0 UNDERGROUND STORAGE TANK REMOVAL

On February 25, 2004 RND personnel excavated to the top of the 1,080-gallon diesel UST which was located approximately 18 inches below the concrete floor of the welding shop. Approximately 7 inches of residual product was removed from the UST by RND and drummed for proper disposal. The UST was then wiped cleaned with absorbent towels as a final step in the tank cleaning process. The drummed waste (a total of 6 drums) was later removed from the site on March 10, 2004 and disposed of by All State ORC of West Milford, New Jersey. The manifest for the disposal of the drums can be found in **Appendix B**.

After cleaning, the tank was removed from the subsurface and disposed of by Cooper at Hugo Neu Schnitzer East of Long Island City, NY. Tank disposal documentation is found in **Appendix C**. The resulting excavation was observed to be visually contaminated with separate phase petroleum beneath the western edge of the UST. The excavation was screened with a PID which guided the removal of petroleum impacted soil along the sidewalls of the tank excavation and at the base of the excavation. RND continued with removal of contaminated soil from the excavation until the sidewalls indicated clean limits and/or the physical limits of the site and machinery were reached. The final screening of the excavation indicated that some residual soil contamination may have remained in the excavation and that the groundwater may have been affected.

At the conclusion of excavation activities, a total of 219 tons of contaminated soil was removed for disposal at Clean Earth of Carteret Inc. of Carteret, New Jersey. Soil disposal manifests may be found in **Appendix D**. The dimensions of the final tank excavation measured approximately 23.5 feet in length by 18.7 feet in width and extended to an approximate depth of 11 feet, at which point it is believed groundwater was encountered. Before the excavation was backfilled on March 2, 2004, 60 pounds of ORC™ was applied and slurried in the excavation. The excavation was then backfilled with clean backfill in which four 6-inch diameter sump wells were installed. The wells are situated on a gravel base and are slotted from 5 to 12 feet below grade and are surrounded by a gravel pack.

4.0 SOIL SAMPLING AND LABORATORY ANALYSIS

Seven (7) post-excavation soil samples (PE1 through PE-7) were retrieved from the final excavation. All samples were retrieved from the sidewalls of the excavation at depths of between 6 and 11 feet below grade. Soil sample locations are indicated on **Figure 2**. No samples were collected from the base of the excavation since groundwater was encountered. Soil samples were collected directly from the backhoe bucket using clean hand sampling devices with care being exercised to obtain samples that had not come in contact with the backhoe bucket. Each sample was then placed in a pre-cleaned laboratory supplied jar and kept at approximately 4 degrees centigrade for transportation to the laboratory. Soil samples were sent to York Analytical Laboratories, Inc. of Stamford, Connecticut, a New York Department of Health certified laboratory, under

proper chain of custody protocols. All samples were analyzed for volatile organic compounds (VOC's) using EPA method 8021 and semi-volatile organic compounds (SVOC's) using EPA method 8270. Reported analytes correspond to those listed in the NYSDEC STARS list. The laboratory report is included as **Appendix E**.

5.0 DISCUSSION AND ANALYTICAL RESULTS

Although separate phase product was observed on the surface of the groundwater during excavation, it was insufficient for any substantial recovery by pumping. RND recovered a minimal amount of product by using oil absorbent towels that were drummed for disposal. Contaminated soil was removed from all areas of the excavation to aid in completing the remediation of the site which along with the removal of the source (i.e. the tank) were significant steps in remediating the spill at the site.

As mentioned in previous sections, further excavation was limited within the excavation. The only remaining sidewall where possible further excavation could have occurred was the west sidewall, which produced negligible PID readings, therefore further excavation in this direction was not necessary. The endpoint sample identification in this direction is PE-3, which indicated non-detectable levels for all compounds except Phenanthrene, which was reported at 2.5 ppm. Two samples indicate residual compounds above the NYSDEC listed guidance values. These two samples are PE-2 taken from the southwest sidewall and PE-5 taken from the northeast sidewall. The laboratory results are summarized in **Table 1**. Soil sample PE-2 lies in the direction of the south building wall and additional excavation in this direction was therefore not possible. Soil sample PE-5 lies in the direction of a building support column and additional excavation in this direction was therefore not possible. The remaining five post excavation soil samples indicated none detectable levels or levels below the NYSDEC listed guidance values.

6.0 CONCLUSIONS AND RECOMMENDATIONS

On February 24, 2004, RND personnel removed one (1) 1,080-gallon diesel UST from the property located at 215 Moore Street, Brooklyn, New York. Although the source of the problem has been removed along with a significant portion of the contaminated soil, some residual soil contamination may remain as indicated by the samples taken from along the south and north sidewalls. Further soil removal however, was not feasible in these directions for practical and structural reasons. The application of ORC™ in the final excavation will help to remediate residual contamination remaining. Immediate concern for the potability of the water is not warranted, as the groundwater in the general area is not used as a source of potable water. Since the area is effectively capped (concrete sidewalk and street) exposure to other potential health hazards is minimal. RND recommends obtaining one (1) groundwater sample to establish the ground water conditions beneath the site and determine if additional investigations are warranted.

RND has undertaken this assignment using our best professional effort consistent with generally accepted environmental assessments practices. RND evaluated information provided by site personnel and other knowledgeable parties during this investigation. The findings presented in this report are based upon the site conditions and information made available at the time of the investigation. These findings and conclusions are not meant to be indicative of future conditions or operating practices at the Property.

TABLE 1
Post-Excavation Soil Sample Results
Cooper Tank Welding Corp.
215 Moore Street
Brooklyn, New York

March 1, 2004

Soil Sample Location	PE-1	PE-2	PE-3	PE-4	PE-5	PE-6	PE-7	NYSDEC TAGM RSCO (ppm)
Laboratory Identification	04030096-01	04030096-02	04030096-03	04030096-04	04030096-05	04030096-06	04030096-07	
Volatile Organic Compounds								
1,2,4-Trimethylebenzene	2.6	57	ND	2.1	12	ND	0.073	10*
1,3,5-Trimethylebenzene	0.75	16	ND	0.15	4.6	ND	0.019	3.3
Benzene	ND	0.12	ND	ND	ND	ND	ND	0.06 or MDL
Ethylbenzene	0.12	6.5	ND	ND	0.68	ND	0.052	1.5
Isopropylbenzene	0.13	3.7	ND	1.6	0.97	ND	0.01	2.3
Naphthalene	2.1	32	ND	1.2	14	0.16	ND	13
n-butylbenzene	0.32	15	ND	6.6	0.29	0.14	ND	10*
n-propylbenzene	ND	8.5	ND	3.3	1.7	ND	0.01	3.7
Total Xylenes	0.54	33.7	ND	ND	1.93	ND	0.198	1.2
p-Isopropyltoluene	ND	5	ND	1.8	1.7	0.059	ND	10*
sec-Butylbenzene	0.41	5.9	ND	3.5	2.2	0.074	ND	10*
Toluene	ND	1.2	ND	ND	ND	ND	ND	1.5
Polynuclear Aromatic Hydrocarbon								
Acenaphthene	0.35	3.6	ND	0.72	ND	ND	ND	50*
Anthracene	ND	ND	ND	5.3	2.3	ND	ND	50*
Benzo(a)anthracene	ND	ND	ND	ND	2.2	ND	ND	0.224 or MDL
Fluoranthene	ND	ND	ND	0.59	ND	ND	ND	50*
Fluorene	0.55	5.3	ND	0.65	ND	ND	ND	50*
Naphthalene	0.43	18	ND	ND	ND	ND	ND	13
Phenanthrene	1.8	18	2.5	2.4	ND	ND	ND	50*
Pyrene	0.58	5	ND	1.2	ND	ND	ND	50*

Notes:

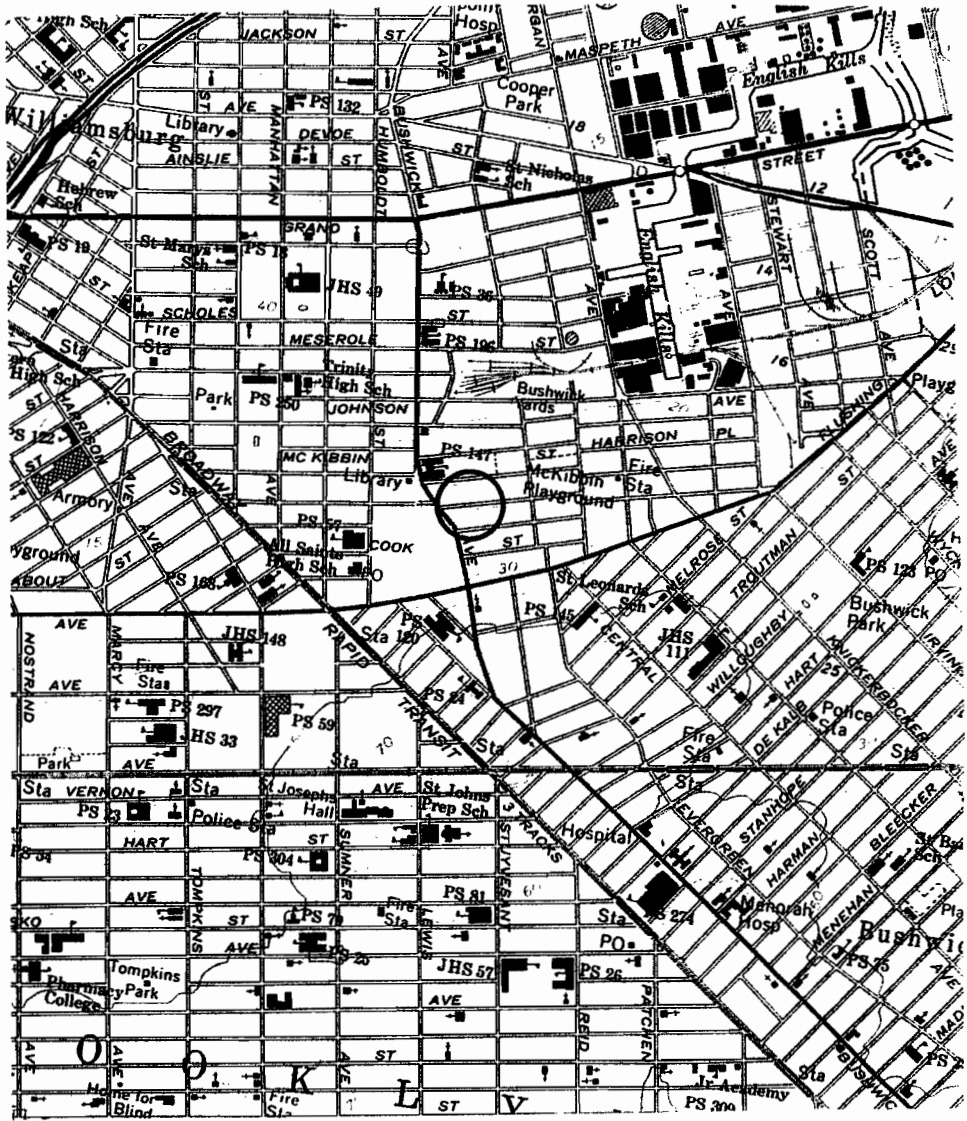
Only those compounds detected are indicated.

Shaded areas indicate levels exceed the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) Recommended Soil Cleanup

Objective (RSCO)

ND - Not Detected

ppm - parts per million



<p>RND Services Inc.</p>		<p>18 Waldron Avenue Brooklyn, NY 11238</p>	
<p>215 Moore Street Site Location Map</p>			
<p>Installation Date</p>		<p>RND Project No.</p>	
<p>Scale N/A</p>		<p>Drawing No. Figure 1</p>	

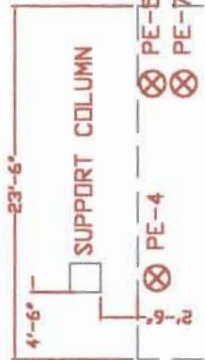


COOPER TANK OFFICES
215 MOORE STREET

LEGEND

⊗ PE-1 POST EXCAVATION SOIL SAMPLING LOCATION

23'-6"



COOPER TANK
WELDING SHOP
(CONCRETE FLOOR)

EXCAVATION

PE-6

PE-5

PE-4

PE-3

PE-2

PE-1

GARAGE DOOR

GARAGE DOOR

GARAGE DOOR

GARAGE BAY DOORS

MOORE STREET

RND
Services Inc.

10 Waldron Ave
Nyack, New York 10960

Cooper Tank
215 Moore Street

Installation Date:
02-25-04

RND Project No.:
2004-08

Scale:
Drawing No.:
Figure 2

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION

PHOTOGRAPHIC LOG
215 Moore Street



Photograph No.: 1 **Date:** 2/25/04
Description: Overall view of project location.



Photograph No.: 2 **Date:** 2/25/04
Description: Removed UST.

PHOTOGRAPHIC LOG
215 Moore Street



Photograph No.: 3 **Date:** 2/25/04
Description: Tank being transported of-site.



Photograph No.: 4 **Date:** 2/25/04
Description: Final site restoration.

APPENDIX B
BILL OF LADING – DRUM DISPOSAL

(973) 696-3122

10577



PA/AH/0564/ CT-HW-658
DEP # - S50015/JA-389
EPA # - NJD 986588630

All State O.R.C. Inc.
473 Hamburg Tpke.
West Milford, N.J. 07480

CUSTOMER'S ORDER NO.		PHONE	DATE
NAME		3-10-02	
ADDRESS			
RND 215 MOORE ST. BROOKLYN NY			
YARD TIME OUT		YARD TIME IN	
IN	OUT	DESCRIPTION	CHECK #
		GENERATOR #	AMOUNT DUE
		MANIFEST #	
		DRIVER NAME	
		#103	
		#104 VAC TR.	
		# 105 RACK TRUCK	
		#107	
		#108	
		#110 VACTOR	
		#111 CARRIER	
		#112 CARRIER	
		WASTE DESCRIPTION NON-HAZ	
		GALLONS #	
		P/u 6 drums TANK BOTTOMS	
		OIL + WATER FOR DISPOSAL	
RECEIVED BY		TAX	
		TOTAL	

W. SAUNDERS PRINTING - 239-1386
CEDAR GROVE, NJ 141712-BT
CLC 4070-S

SM 11/00

Thank You

APPENDIX C
TANK DISPOSAL RECEIPT

WEIGHMASTER CERTIFICATE
TRADING COMPANY

HUGO NEU SCHNITZER EAST
30-27 GREENPOINT AVENUE
LONG ISLAND CITY, NEW YORK 11101
(718) 786-6031 □ FAX (718) 706-7665
N.Y.S. D.M.V. 7083131SCP



Hugo Neu Schnitzer East

10/15/95
10/15/95
10/15/95
10/15/95

DATE	TIME	WEIGHT	UNIT	REMARKS	SCALE	UNIT
10/15/95	12:00	1500	1500			
10/15/95	12:00	1500	1500			

ALL WEIGHTS ARE REPORTED IN POUNDS UNLESS OTHERWISE INDICATED. ALL MINIMUM WEIGHTS ARE ASSUMED TO BE NOMINAL WEIGHTS

DATE: 10/15/95 12:00 1500

WEIGHMASTER SIGNATURE _____
CUSTOMER SIGNATURE _____

THIS IS TO CERTIFY THAT I DELIVERED THE ABOVE MATERIAL FOR THE NAMED SUPPLIER. This will also certify that I, on behalf of the above named supplier, am familiar with HNS's list of unacceptable/prohibited materials, and that the above load does not contain any unacceptable/prohibited materials, including any Class I (chlorofluorocarbons) or Class II (hydrochlorofluorocarbons) refrigerants (FREON), which under the federal Clean Air Act must be reclaimed, not vented. (LIC-1 (Rev.2/99))

APPENDIX D
SOIL DISPOSAL MANIFESTS

CBC
Delivery Report - DR & Approval#

3/11/04

1

From: 3/8/04
To: 3/11/04
Approval# 240201
Generator COOPER TANK & WELDING CORP
Origin 215 MOXE STREET
BROOKLYN, NY 11206

#Loads 8
TOTAL 219.00

<u>Date</u>	<u>Ticket#</u>	<u>Approval #</u>	<u>Truck#</u>	<u>Loc.</u>	<u>Manifest#s.</u>	<u>Net Tons</u>
3/9/04	43378	240201	ZAMO 1	B3	1	29.62
3/9/04	43383	240201	L&P 01	B3	2	31.90
3/9/04	43390	240201	STANZIALE 32	B3	3	24.30
3/9/04	43402	240201	ZAMO 1	B3	4	30.38
3/9/04	43410	240201	STANZIALE 32	B3	5	28.68
3/9/04	43413	240201	L&P 01	B3	6	32.95
3/9/04	43420	240201	ZAMO 1	B3	7	29.52
3/9/04	43432	240201	L&P 01	B3	8	11.65

CLEAN EARTH OF CARTERET, INC

24 Middlesex Avenue

Carteret, NJ 07008

(732)-541-8909

INCOMING LOAD TICKET

Date 3/9/04
Time 10:01 AM
Ticket# 43378

Approval # 240201

<u>Type of Material</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Tons</u>	<u>#Drums</u>
DIESEL FUEL	88,250	29,000	29.62	

WM ID# 3 TOM DURANTE

Signature _____

Bill of Lading#

Manifest# 1

St. Manifest#

Trans. ID# 143

Transporter TOP SOIL DEPOT INC.

DE-SW Permit#

Trans. Addr. 190 POMPTON PLAINS CROSSROADS
WAYNE, NJ 07470

Driver JOHN Truck # ZAMO 1

Customer ALLIED ENVIRONMENTAL GROUP, INC

Generator COOPER TANK & WELDING CORP

Generator Site 215 MOXE STREET
BROOKLYN, NY 11206

Contact 1 STU BERRY 800-969-DIRT

Contact 2 ALLAN PARKER 561 752-2490 FL

NOTES 1:

NOTES 2:

THANK YOU

ALLIED WASTE SERVICES, INC.

2163 MERRICK AVE., MERRICK, NY 11566 • TEL: 1-800-969-DIRT • FAX: 516-867-6480

Log Number 1

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Cooper Twp & Neely Shipping Location Long
 Address 215 Willow St Address _____
20000 NY
 Phone No. _____ Phone No. _____

Approval Number <u>240201</u>	Description of Material <u>No. Hazardous Waste Material Solid Waste</u>	Codes	Gross Weight	Net Weight (Tons)
			Tare Weight	
			Net Weight	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

RND SERVICES Signature [Signature] Shipment Date 3/1/04
 Generator Authorized Agent Name

TRANSPORTER

Transporter Name TSD Driver Name (Print) JAMES E. [Signature]
 Address Green Ave Vehicle License No./State 2E310F
Long NJ Truck Number 21
 State Permit # _____

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] Shipment Date 3/1/04 [Signature] Delivery Date 3/1/04
 Driver Signature

DESTINATION

Site Name Green Earth of Connecticut Phone No. _____
 Address 21 Willow St, Long NJ State Permit # 1201-00
1-2

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] Receipt Date 3-4-04
 Name of Authorized Agent Signature

CLEAN EARTH OF CARTERET, INC

24 Middlesex Avenue
Carteret, NJ 07008
(732)-541-8909

INCOMING LOAD TICKET

Date 3/9/04
Time 10:03 AM
Ticket# 43383

Approval # 240201

<u>Type of Material</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Tons</u>	<u>#Drums</u>
DIESEL FUEL	91,450	27,650	31.90	

WM ID# 3 TOM DURANTE

Signature  _____

Bill of Lading#

Manifest# 2

St. Manifest#

Trans. ID# 143

Transporter TOP SOIL DEPOT INC.

DE-SW Permit#

Trans. Addr. 190 POMPTON PLAINS CROSSROADS
WAYNE, NJ 07470

Driver JOE Truck # L&P 01

Customer ALLIED ENVIRONMENTAL GROUP, INC

Generator COOPER TANK & WELDING CORP

Generator Site 215 MOXE STREET
BROOKLYN, NY 11206

Contact 1 STU BERRY 800-969-DIRT

Contact 2 ALLAN PARKER 561 752-2490 FL

NOTES 1:

NOTES 2:

THANK YOU

ALLIED WASTE SERVICES, INC.

2163 MERRICK AVE., MERRICK, NY 11566 • TEL: 1-800-969-DIRT • FAX: 516-867-6480

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location _____
Address _____ Address _____
Phone No. _____ Phone No. _____

Approval Number 240201	Description of Material NON-HAZARDOUS MATERIAL DESTROYED AT SITE	Codes	Gross Weight	Net Weight (Tons)
			Tare Weight	
			Net Weight	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

RUD Generator Authorized Agent Name [Signature] Signature 1/1/1 Shipment Date

TRANSPORTER

Transporter Name _____ Driver Name (Print) _____
Address _____ Vehicle License No./State _____
Truck Number _____
State Permit # _____

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature _____ Shipment Date _____ Driver Signature _____ Delivery Date _____

DESTINATION

Site Name _____ Phone No. _____
Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature _____ Receipt Date _____

CLEAN EARTH OF CARTERET, INC

24 Middlesex Avenue

Carteret, NJ 07008

(732)-541-8909

INCOMING LOAD TICKET

Date 3/9/04

Time 10:22 AM

Ticket# 43390

Approval # 240201

<u>Type of Material</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Tons</u>	<u>#Drums</u>
DIESEL FUEL	77,250	28,650	24.30	

WM ID# 3 TOM DURANTE

Signature _____

Bill of Lading#

Manifest# 3

St. Manifest#

Trans. ID# 122

Transporter MISC. DELIVERY TRUCK

DE-SW Permit#

Trans. Addr.

Driver CHUCK

Truck # STANZIALE 32

Customer ALLIED ENVIRONMENTAL GROUP, INC

Generator COOPER TANK & WELDING CORP

Generator Site 215 MOXE STREET
BROOKLYN, NY 11206

Contact 1 STU BERRY 800-969-DIRT

Contact 2 ALLAN PARKER 561 752-2490 FL

NOTES 1:

NOTES 2:

THANK YOU

Log Number
3

ALLIED ENVIRONMENTAL GROUP, INC.

2163 MERRICK AVE., MERRICK, NY 11686 • TEL: 1-800-868-DIRT • FAX: 516-867-8480

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

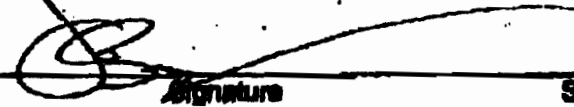
Generator Name COOPER TANK & WELDING Shipping Location SAME
 Address 215 MOORE STREET Address _____
BROOKLYN, NY
 Phone No. _____ Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Net Weight (Tons)
			Tare Weight	
			Net Weight	

240201

NON HAZARDOUS PETROLEUM CONTAMINATED SOIL DESTINED FOR RECYCLING

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.



Generator Authorized Agent Name _____ Signature  Shipment Date 3-9-04

TRANSPORTER

Transporter Name Topsoil Depot Driver Name (Print) Chuck Kolling
 Address Rampton Plains RD Vehicle License No./State 4H 2256
Wayne Truck Number 82
 State Permit # 561

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature  Shipment Date _____ Driver Signature  Delivery Date _____

DESTINATION

Site Name CLEAN EARTH OF CARTERET Phone No. _____
24 MIDDLESEX AVENUE 1201-96
 Address CARTERET, NJ State Permit # 0001-2

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature  Receipt Date 3-9-04

CLEAN EARTH OF CARTERET, INC

24 Middlesex Avenue
Carteret, NJ 07008
(732)-541-8909

INCOMING LOAD TICKET

Date 3/9/04
Time 11:56 AM
Ticket# 43402

Approval # 240201

<u>Type of Material</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Tons</u>	<u>#Drums</u>
DIESEL FUEL	89,750	29,000	30.38	

WM ID# 3 TOM DURANTE

Signature _____

Bill of Lading#

Manifest# 4

St. Manifest#

Trans. ID# 143

Transporter TOP SOIL DEPOT INC.

DE-SW Permit#

Trans. Addr. 190 POMPTON PLAINS CROSSROADS
WAYNE, NJ 07470

Driver JOHN Truck # ZAMO 1

Customer ALLIED ENVIRONMENTAL GROUP, INC

Generator COOPER TANK & WELDING CORP

Generator Site 215 MOXE STREET
BROOKLYN, NY 11206

Contact 1 STU BERRY 800-969-DIRT

Contact 2 ALLAN PARKER 561 752-2490 FL

NOTES 1:

NOTES 2:

THANK YOU

ALLIED WASTE SERVICES, INC.

2163 MERRICK AVE., MERRICK, NY 11566 • TEL: 1-800-969-DIRT • FAX: 516-867-6480

Log Number 7

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location _____

Address _____ Address _____

Phone No. _____ Phone No. _____

Approval Number 24221	Description of Material 	Codes	Gross Weight	Net Weight (Tons)
			Tare Weight	
			Net Weight	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

AND _____ 11/17/02 11/17/02
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name _____ Driver Name (Print) _____

Address _____ Vehicle License No./State _____

Truck Number _____

State Permit # _____

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] _____ [Signature] _____
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name _____ Phone No. _____

Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] _____ [Signature] _____
Name of Authorized Agent Signature Receipt Date

CLEAN EARTH OF CARTERET, INC

24 Middlesex Avenue
Carteret, NJ 07008
(732)-541-8909

INCOMING LOAD TICKET

Date 3/9/04
Time 1:03 PM
Ticket# 43410

Approval # 240201

<u>Type of Material</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Tons</u>	<u>#Drums</u>
DIESEL FUEL	86,000	28,650	28.68	

WM ID# 3 TOM DURANTE

Signature 

Bill of Lading#

Manifest# 5

St. Manifest#

Trans. ID# 122

Transporter MISC. DELIVERY TRUCK

DE-SW Permit#

Trans. Addr.

Driver CHUCK

Truck # STANZIALE 32

Customer ALLIED ENVIRONMENTAL GROUP, INC

Generator COOPER TANK & WELDING CORP

Generator Site 215 MOXE STREET
BROOKLYN, NY 11206

Contact 1 STU BERRY 800-969-DIRT

Contact 2 ALLAN PARKER 561 752-2490 FL

NOTES 1:

NOTES 2:

THANK YOU

ALLIED WASTE SERVICES, INC.

2163 MERRICK AVE., MERRICK, NY 11566 • TEL: 1-800-969-DIRT • FAX: 516-867-6480

Log Number

5

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Cooper Tank & Welding Shipping Location Same
Address 215 Moore Street Address _____
Brooklyn
Phone No. _____ Phone No. _____

Approval Number <u>240201</u>	Description of Material <u>NON HAZARDOUS CONTAMINATED SOIL DESTINED FOR RECYCLING</u>	Codes	Gross Weight	Net Weight (Tons)
			Tare Weight	
			Net Weight	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

RWD Services Jeffrey P. Rella 03/09/04
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name Topsoil Depot Driver Name (Print) C Huck
Address Pompton Plains NJ Vehicle License No./State 4 H2224
Wayne Ave Truck Number 32
State Permit # 561

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Chuck 3-9-04 Chuck 3-9-04
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name CLEAN EARTH OF Phone No. _____
Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Tom R... 3-9-04

CLEAN EARTH OF CARTERET, INC

24 Middlesex Avenue
Carteret, NJ 07008
(732)-541-8909

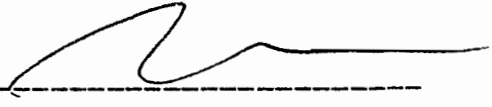
INCOMING LOAD TICKET

Date 3/9/04
Time 2:12 PM
Ticket# 43413

Approval # 240201

<u>Type of Material</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Tons</u>	<u>#Drums</u>
DIESEL FUEL	93,550	27,650	32.95	

WM ID# 3 TOM DURANTE

Signature 

Bill of Lading#

Manifest# 6

St. Manifest#

Trans. ID# 143

Transporter TOP SOIL DEPOT INC.

DE-SW Permit#

Trans. Addr. 190 POMPTON PLAINS CROSSROADS
WAYNE, NJ 07470

Driver JOE Truck # L&P 01

Customer ALLIED ENVIRONMENTAL GROUP, INC

Generator COOPER TANK & WELDING CORP

Generator Site 215 MOXE STREET
BROOKLYN, NY 11206

Contact 1 STU BERRY 800-969-DIRT

Contact 2 ALLAN PARKER 561 752-2490 FL

NOTES 1:

NOTES 2:

THANK YOU

Log Number

ALLIED WASTE SERVICES, INC.

2163 MERRICK AVE., MERRICK, NY 11566 • TEL: 1-800-969-DIRT • FAX: 516-867-6480

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location _____

Address _____ Address _____

Phone No. _____ Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Net Weight (Tons)
			Tare Weight	
			Net Weight	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name _____ Signature _____ Shipment Date _____

TRANSPORTER

Transporter Name _____ Driver Name (Print) _____

Address _____ Vehicle License No./State _____

State Permit # _____ Truck Number _____

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature _____ Shipment Date _____ Driver Signature _____ Delivery Date _____

DESTINATION

Site Name _____ Phone No. _____

Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____ Signature _____ Receipt Date _____

CLEAN EARTH OF CARTERET, INC

24 Middlesex Avenue
Carteret, NJ 07008
(732)-541-8909

INCOMING LOAD TICKET

Date 3/9/04
Time 2:44 PM
Ticket# 43420

Approval # 240201

<u>Type of Material</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Tons</u>	<u>#Drums</u>
DIESEL FUEL	88,050	29,000	29.52	

WM ID# 3 TOM DURANTE
Bill of Lading#
Manifest# 7
St. Manifest#

Signature _____

Trans. ID# 143
Transporter TOP SOIL DEPOT INC.
Trans. Addr. 190 POMPTON PLAINS CROSSROADS
WAYNE, NJ 07470

DE-SW Permit#

Driver JOHN Truck # ZAMO 1

Customer ALLIED ENVIRONMENTAL GROUP, INC
Generator COOPER TANK & WELDING CORP
Generator Site 215 MOXE STREET
BROOKLYN, NY 11206

Contact 1 STU BERRY 800-969-DIRT
Contact 2 ALLAN PARKER 561 752-2490 FL

NOTES 1:

NOTES 2:

THANK YOU

ALLIED WASTE SERVICES, INC.

2163 MERRICK AVE., MERRICK, NY 11566 • TEL: 1-800-969-DIRT • FAX: 516-867-6480

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location _____
Address _____ Address _____
Phone No. _____ Phone No. _____

Approval Number 2002	Description of Material	Codes	Gross Weight	Net Weight (Tons)
			Tare Weight	
			Net Weight	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

KUD Services [Signature] [Date]
Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name _____ Driver Name (Print) _____
Address _____ Vehicle License No./State _____
Truck Number _____
State Permit # _____

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

[Signature] [Date] [Signature] [Date]
Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name _____ Phone No. _____
Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[Signature] [Date]
Name of Authorized Agent Signature Receipt Date

CLEAN EARTH OF CARTERET, INC

24 Middlesex Avenue
Carteret, NJ 07008
(732)-541-8909

INCOMING LOAD TICKET

Date 3/9/04
Time 4:25 PM
Ticket# 43432

Approval # 240201

<u>Type of Material</u>	<u>Gross</u>	<u>Tare</u>	<u>Net Tons</u>	<u>#Drums</u>
DIESEL FUEL	50,950	27,650	11.65	

WM ID# 3 TOM DURANTE

Signature _____

Bill of Lading#

Manifest# 8

St. Manifest#

Trans. ID# 143

Transporter TOP SOIL DEPOT INC.

DE-SW Permit#

Trans. Addr. 190 POMPTON PLAINS CROSSROADS
WAYNE, NJ 07470

Driver JOE Truck # L&P-01

Customer ALLIED ENVIRONMENTAL GROUP, INC

Generator COOPER TANK & WELDING CORP

Generator Site 215 MOXE STREET
BROOKLYN, NY 11206

Contact 1 STU BERRY 800-969-DIRT

Contact 2 ALLAN PARKER 561 752-2490 FL

NOTES 1:

NOTES 2:

THANK YOU

ALLIED WASTE SERVICES, INC.

2163 MERRICK AVE., MERRICK, NY 11566 • TEL: 1-800-969-DIRT • FAX: 516-867-6480

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name ALLIED WASTE SERVICES, INC. Shipping Location 2163 Merrick Ave.

Address 2163 Merrick Ave. Address Merrick, NY 11566

B.

Phone No. _____ Phone No. _____

Approval Number <u>1</u>	Description of Material <u>NON-HAZARDOUS SOLID WASTE</u>	Codes	Gross Weight	Net Weight (Tons)
			Tare Weight	
			Net Weight	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name [Signature]

Signature [Signature]

Shipment Date [Signature]

TRANSPORTER

Transporter Name THE TRUCKS OF THE WORLD Driver Name (Print) J.F.F.

Address 190 HENRIETTA MEANS CROSS ST Vehicle License No./State NY

Truck Number 41

State Permit # 1591

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature _____

Shipment Date _____

Driver Signature _____

Delivery Date _____

DESTINATION

Site Name _____ Phone No. _____

Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent _____

Signature [Signature]

Receipt Date _____

APPENDIX E
LABORATORY DATA

Technical Report

prepared for

RND Services, Inc.
10 Waldron Avenue
Nyack, NY 10960
Attention: Sharima Ryan

Report Date: 3/16/2004
Re: Client Project ID: Cooper
York Project No.: 04030096

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 NJ License No. CT401



Report Date: 3/16/2004
 Client Project ID: Cooper
 York Project No.: 04030096

RND Services, Inc.
 10 Waldron Avenue
 Nyack, NY 10960
 Attention: Sharima Ryan

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 03/02/04. The project was identified as your project "Cooper".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PE-1		PE-2	
York Sample ID			04030096-01		04030096-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8021 List soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	100	Not detected	100
1,1,1-Trichloroethane			Not detected	100	Not detected	100
1,1,2,2-Tetrachloroethane			Not detected	100	Not detected	100
1,1,2-Trichloroethane			Not detected	100	Not detected	100
1,1-Dichloroethane			Not detected	100	Not detected	100
1,1-Dichloroethylene			Not detected	100	Not detected	100
1,1-Dichloropropylene			Not detected	100	Not detected	100
1,2,3-Trichlorobenzene			Not detected	100	Not detected	100
1,2,3-Trichloropropane			Not detected	100	Not detected	100
1,2,4-Trichlorobenzene			Not detected	100	Not detected	100
1,2,4-Trimethylbenzene			2600	100	57000	100
1,2-Dibromo-3-chloropropane			Not detected	100	Not detected	100
1,2-Dibromoethane			Not detected	100	Not detected	100
1,2-Dichlorobenzene			Not detected	100	Not detected	100
1,2-Dichloroethane			Not detected	100	Not detected	100
1,2-Dichloroethylene (Total)			Not detected	100	Not detected	100

YORK

Client Sample ID			PE-1		PE-2	
York Sample ID			04030096-01		04030096-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloropropane			Not detected	100	Not detected	100
1,3,5-Trimethylbenzene			750	100	16000	100
1,3-Dichlorobenzene			Not detected	100	Not detected	100
1,3-Dichloropropane			Not detected	100	Not detected	100
1,4-Dichlorobenzene			Not detected	100	Not detected	100
2,2-Dichloropropane			Not detected	100	Not detected	100
2-Chlorotoluene			Not detected	100	Not detected	100
4-Chlorotoluene			Not detected	100	Not detected	100
Benzene			Not detected	100	120	100
Bromobenzene			Not detected	100	Not detected	100
Bromochloromethane			Not detected	100	Not detected	100
Bromodichloromethane			Not detected	100	Not detected	100
Bromoform			Not detected	100	Not detected	100
Bromomethane			Not detected	100	Not detected	100
Carbon tetrachloride			Not detected	100	Not detected	100
Chlorobenzene			Not detected	100	Not detected	100
Chloroethane			Not detected	100	Not detected	100
Chloroform			Not detected	100	Not detected	100
Chloromethane			Not detected	100	Not detected	100
cis-1,3-Dichloropropylene			Not detected	100	Not detected	100
Dibromochloromethane			Not detected	100	Not detected	100
Dibromomethane			Not detected	100	Not detected	100
Dichlorodifluoromethane			Not detected	100	Not detected	100
Ethylbenzene			120	100	6500	100
Hexachlorobutadiene			Not detected	100	Not detected	100
Isopropylbenzene			130	100	3700	100
Methylene chloride			Not detected	100	Not detected	100
Naphthalene			2100	100	32000	100
n-Butylbenzene			Not detected	100	15000	100
n-Propylbenzene			320	100	8500	100
o-Xylene			180	100	9700	100
p- & m-Xylenes			360	100	24000	100
p-Isopropyltoluene			Not detected	100	5000	100
sec-Butylbenzene			410	100	5900	100
Styrene			Not detected	100	Not detected	100
tert-Butylbenzene			Not detected	100	Not detected	100
Tetrachloroethylene			Not detected	100	Not detected	100
Toluene			Not detected	100	1200	100
trans-1,3-Dichloropropylene			Not detected	100	Not detected	100
Trichloroethylene			Not detected	100	Not detected	100
Trichlorofluoromethane			Not detected	100	Not detected	100
Vinyl chloride			Not detected	100	Not detected	100
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	330	Not detected	3300
1,2-Dichlorobenzene			Not detected	330	Not detected	3300
1,3-Dichlorobenzene			Not detected	330	Not detected	3300
1,4-Dichlorobenzene			Not detected	330	Not detected	3300
2,4-Dinitrotoluene			Not detected	330	Not detected	3300
2,6-Dinitrotoluene			Not detected	330	Not detected	3300
2-Chloronaphthalene			Not detected	330	Not detected	3300
2-Methylnaphthalene			Not detected	330	46000	3300

Client Sample ID			PE-1		PE-2	
York Sample ID			04030096-01		04030096-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
2-Nitroaniline			Not detected	330	Not detected	3300
3,3'-Dichlorobenzidine			Not detected	330	Not detected	3300
3-Nitroaniline			Not detected	330	Not detected	3300
4-Bromophenyl phenyl ether			Not detected	330	Not detected	3300
4-Chloroaniline			Not detected	330	Not detected	3300
4-Chlorophenyl phenyl ether			Not detected	330	Not detected	3300
4-Nitroaniline			Not detected	330	Not detected	3300
Acenaphthene			350	330	3600	3300
Acenaphthylene			Not detected	330	Not detected	3300
Anthracene			Not detected	330	Not detected	3300
Benzo(a)anthracene			Not detected	330	Not detected	3300
Benzo(a)pyrene			Not detected	330	Not detected	3300
Benzo(b)fluoranthene			Not detected	330	Not detected	3300
Benzo(g,h,i)perylene			Not detected	330	Not detected	3300
Benzo(k)fluoranthene			Not detected	330	Not detected	3300
Bis(2-chloroethoxy)methane			Not detected	330	Not detected	3300
Bis(2-chloroethyl)ether			Not detected	330	Not detected	3300
Bis(2-chloroisopropyl)ether			Not detected	330	Not detected	3300
Bis(2-ethylhexyl)phthalate			1300	330	17000	3300
Butyl benzyl phthalate			Not detected	330	Not detected	3300
Carbazole			Not detected	150	Not detected	1500
Chrysene			Not detected	330	Not detected	3300
Dibenzo(a,h)anthracene			Not detected	330	Not detected	3300
Dibenzofuran			Not detected	330	Not detected	3300
Diethylphthalate			Not detected	330	Not detected	3300
Dimethylphthalate			Not detected	330	Not detected	3300
Di-n-butylphthalate			Not detected	330	Not detected	3300
Di-n-octylphthalate			Not detected	330	Not detected	3300
Fluoranthene			Not detected	330	Not detected	3300
Fluorene			550	330	5300	3300
Hexachlorobenzene			Not detected	330	Not detected	3300
Hexachlorobutadiene			Not detected	330	Not detected	3300
Hexachlorocyclopentadiene			Not detected	330	Not detected	3300
Hexachloroethane			Not detected	330	Not detected	3300
Indeno(1,2,3-cd)pyrene			Not detected	330	Not detected	3300
Isophorone			Not detected	330	Not detected	3300
Naphthalene			430	330	18000	3300
Nitrobenzene			Not detected	330	Not detected	3300
N-Nitrosodi-n-propylamine			Not detected	330	Not detected	3300
N-Nitrosodiphenylamine			Not detected	330	Not detected	3300
Phenanthrene			1800	330	18000	3300
Pyrene			580	330	5000	3300

YORK

Client Sample ID			PE-3		PE-4	
York Sample ID			04030096-03		04030096-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8021 List soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	100
1,1,1-Trichloroethane			Not detected	5.0	Not detected	100
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	100
1,1,2-Trichloroethane			Not detected	5.0	Not detected	100
1,1-Dichloroethane			Not detected	5.0	Not detected	100
1,1-Dichloroethylene			Not detected	5.0	Not detected	100
1,1-Dichloropropylene			Not detected	5.0	Not detected	100
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	100
1,2,3-Trichloropropane			Not detected	5.0	Not detected	100
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	100
1,2,4-Trimethylbenzene			Not detected	5.0	2100	100
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	100
1,2-Dibromoethane			Not detected	5.0	Not detected	100
1,2-Dichlorobenzene			Not detected	5.0	Not detected	100
1,2-Dichloroethane			Not detected	5.0	Not detected	100
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	100
1,2-Dichloropropane			Not detected	5.0	Not detected	100
1,3,5-Trimethylbenzene			Not detected	5.0	150	100
1,3-Dichlorobenzene			Not detected	5.0	Not detected	100
1,3-Dichloropropane			Not detected	5.0	Not detected	100
1,4-Dichlorobenzene			Not detected	5.0	Not detected	100
2,2-Dichloropropane			Not detected	5.0	Not detected	100
2-Chlorotoluene			Not detected	5.0	Not detected	100
4-Chlorotoluene			Not detected	5.0	Not detected	100
Benzene			Not detected	5.0	Not detected	100
Bromobenzene			Not detected	5.0	Not detected	100
Bromochloromethane			Not detected	5.0	Not detected	100
Bromodichloromethane			Not detected	5.0	Not detected	100
Bromoform			Not detected	5.0	Not detected	100
Bromomethane			Not detected	5.0	Not detected	100
Carbon tetrachloride			Not detected	5.0	Not detected	100
Chlorobenzene			Not detected	5.0	Not detected	100
Chloroethane			Not detected	5.0	Not detected	100
Chloroform			Not detected	5.0	Not detected	100
Chloromethane			Not detected	5.0	Not detected	100
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	100
Dibromochloromethane			Not detected	5.0	Not detected	100
Dibromomethane			Not detected	5.0	Not detected	100
Dichlorodifluoromethane			Not detected	5.0	Not detected	100
Ethylbenzene			Not detected	5.0	Not detected	100
Hexachlorobutadiene			Not detected	5.0	Not detected	100
Isopropylbenzene			Not detected	5.0	1600	100
Methylene chloride			Not detected	5.0	Not detected	100
Naphthalene			Not detected	5.0	1200	100
n-Butylbenzene			Not detected	5.0	6600	100
n-Propylbenzene			Not detected	5.0	3300	100
o-Xylene			Not detected	5.0	Not detected	100
p- & m-Xylenes			Not detected	5.0	Not detected	100
p-Isopropyltoluene			Not detected	5.0	1800	100
sec-Butylbenzene			Not detected	5.0	3500	100

Client Sample ID			PE-3		PE-4	
York Sample ID			04030096-03		04030096-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Styrene			Not detected	5.0	Not detected	100
tert-Butylbenzene			Not detected	5.0	Not detected	100
Tetrachloroethylene			Not detected	5.0	Not detected	100
Toluene			Not detected	5.0	Not detected	100
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	100
Trichloroethylene			Not detected	5.0	Not detected	100
Trichlorofluoromethane			Not detected	5.0	Not detected	100
Vinyl chloride			Not detected	5.0	Not detected	100
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	1700	Not detected	330
1,2-Dichlorobenzene			Not detected	1700	Not detected	330
1,3-Dichlorobenzene			Not detected	1700	Not detected	330
1,4-Dichlorobenzene			Not detected	1700	Not detected	330
2,4-Dinitrotoluene			Not detected	1700	Not detected	330
2,6-Dinitrotoluene			Not detected	1700	Not detected	330
2-Chloronaphthalene			Not detected	1700	Not detected	330
2-Methylnaphthalene			Not detected	1700	4700	330
2-Nitroaniline			Not detected	1700	Not detected	330
3,3'-Dichlorobenzidine			Not detected	1700	Not detected	330
3-Nitroaniline			Not detected	1700	Not detected	330
4-Bromophenyl phenyl ether			Not detected	1700	Not detected	330
4-Chloroaniline			Not detected	1700	Not detected	330
4-Chlorophenyl phenyl ether			Not detected	1700	Not detected	330
4-Nitroaniline			Not detected	1700	Not detected	330
Acenaphthene			Not detected	1700	720	330
Acenaphthylene			Not detected	1700	Not detected	330
Anthracene			Not detected	1700	Not detected	330
Benzo(a)anthracene			Not detected	1700	Not detected	330
Benzo(a)pyrene			Not detected	1700	Not detected	330
Benzo(b)fluoranthene			Not detected	1700	Not detected	330
Benzo(g,h,i)perylene			Not detected	1700	Not detected	330
Benzo(k)fluoranthene			Not detected	1700	Not detected	330
Bis(2-chloroethoxy)methane			Not detected	1700	Not detected	330
Bis(2-chloroethyl)ether			Not detected	1700	Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	1700	Not detected	330
Bis(2-ethylhexyl)phthalate			2300	1700	5300	330
Butyl benzyl phthalate			Not detected	1700	Not detected	330
Carbazole			Not detected	750	Not detected	150
Chrysene			Not detected	1700	Not detected	330
Dibenzo(a,h)anthracene			Not detected	1700	Not detected	330
Dibenzofuran			Not detected	1700	Not detected	330
Diethylphthalate			Not detected	1700	Not detected	330
Dimethylphthalate			Not detected	1700	Not detected	330
Di-n-butylphthalate			Not detected	1700	Not detected	330
Di-n-octylphthalate			Not detected	1700	Not detected	330
Fluoranthene			Not detected	1700	590	330
Fluorene			Not detected	1700	650	330
Hexachlorobenzene			Not detected	1700	Not detected	330
Hexachlorobutadiene			Not detected	1700	Not detected	330
Hexachlorocyclopentadiene			Not detected	1700	Not detected	330
Hexachloroethane			Not detected	1700	Not detected	330

YORK

Client Sample ID			PE-3		PE-4	
York Sample ID			04030096-03		04030096-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Indeno(1,2,3-cd)pyrene			Not detected	1700	Not detected	330
Isophorone			Not detected	1700	Not detected	330
Naphthalene			Not detected	1700	Not detected	330
Nitrobenzene			Not detected	1700	Not detected	330
N-Nitrosodi-n-propylamine			Not detected	1700	Not detected	330
N-Nitrosodiphenylamine			Not detected	1700	Not detected	330
Phenanthrene			2500	1700	2400	330
Pyrene			Not detected	1700	1200	330

Client Sample ID			PE-5		PE-6	
York Sample ID			04030096-05		04030096-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8021 List soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	100	Not detected	10
1,1,1-Trichloroethane			Not detected	100	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	100	Not detected	10
1,1,2-Trichloroethane			Not detected	100	Not detected	10
1,1-Dichloroethane			Not detected	100	Not detected	10
1,1-Dichloroethylene			Not detected	100	Not detected	10
1,1-Dichloropropylene			Not detected	100	Not detected	10
1,2,3-Trichlorobenzene			Not detected	100	Not detected	10
1,2,3-Trichloropropane			Not detected	100	Not detected	10
1,2,4-Trichlorobenzene			Not detected	100	Not detected	10
1,2,4-Trimethylbenzene			12000	100	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	100	Not detected	10
1,2-Dibromoethane			Not detected	100	Not detected	10
1,2-Dichlorobenzene			Not detected	100	Not detected	10
1,2-Dichloroethane			Not detected	100	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	100	Not detected	10
1,2-Dichloropropane			Not detected	100	Not detected	10
1,3,5-Trimethylbenzene			4600	100	Not detected	10
1,3-Dichlorobenzene			Not detected	100	Not detected	10
1,3-Dichloropropane			Not detected	100	Not detected	10
1,4-Dichlorobenzene			Not detected	100	Not detected	10
2,2-Dichloropropane			Not detected	100	Not detected	10
2-Chlorotoluene			Not detected	100	Not detected	10
4-Chlorotoluene			Not detected	100	Not detected	10
Benzene			Not detected	100	Not detected	10
Bromobenzene			Not detected	100	Not detected	10
Bromochloromethane			Not detected	100	Not detected	10
Bromodichloromethane			Not detected	100	Not detected	10
Bromoform			Not detected	100	Not detected	10
Bromomethane			Not detected	100	Not detected	10
Carbon tetrachloride			Not detected	100	Not detected	10
Chlorobenzene			Not detected	100	Not detected	10
Chloroethane			Not detected	100	Not detected	10
Chloroform			Not detected	100	Not detected	10
Chloromethane			Not detected	100	Not detected	10

YORK

Client Sample ID			PE-5		PE-6	
York Sample ID			04030096-05		04030096-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
cis-1,3-Dichloropropylene			Not detected	100	Not detected	10
Dibromochloromethane			Not detected	100	Not detected	10
Dibromomethane			Not detected	100	Not detected	10
Dichlorodifluoromethane			Not detected	100	Not detected	10
Ethylbenzene			680	100	Not detected	10
Hexachlorobutadiene			Not detected	100	Not detected	10
Isopropylbenzene			970	100	Not detected	10
Methylene chloride			Not detected	100	Not detected	10
Naphthalene			14000	100	160	10
n-Butylbenzene			290	100	140	10
n-Propylbenzene			1700	100	Not detected	10
o-Xylene			830	100	Not detected	10
p- & m-Xylenes			1100	100	Not detected	10
p-Isopropyltoluene			1700	100	59	10
sec-Butylbenzene			2200	100	74	10
Styrene			Not detected	100	Not detected	10
tert-Butylbenzene			Not detected	100	Not detected	10
Tetrachloroethylene			Not detected	100	Not detected	10
Toluene			Not detected	100	Not detected	10
trans-1,3-Dichloropropylene			Not detected	100	Not detected	10
Trichloroethylene			Not detected	100	Not detected	10
Trichlorofluoromethane			Not detected	100	Not detected	10
Vinyl chloride			Not detected	100	Not detected	10
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	1700	Not detected	330
1,2-Dichlorobenzene			Not detected	1700	Not detected	330
1,3-Dichlorobenzene			Not detected	1700	Not detected	330
1,4-Dichlorobenzene			Not detected	1700	Not detected	330
2,4-Dinitrotoluene			Not detected	1700	Not detected	330
2,6-Dinitrotoluene			Not detected	1700	Not detected	330
2-Chloronaphthalene			Not detected	1700	Not detected	330
2-Methylnaphthalene			17000	1700	1600	330
2-Nitroaniline			Not detected	1700	Not detected	330
3,3'-Dichlorobenzidine			Not detected	1700	Not detected	330
3-Nitroaniline			Not detected	1700	Not detected	330
4-Bromophenyl phenyl ether			Not detected	1700	Not detected	330
4-Chloroaniline			Not detected	1700	Not detected	330
4-Chlorophenyl phenyl ether			Not detected	1700	Not detected	330
4-Nitroaniline			Not detected	1700	Not detected	330
Acenaphthene			Not detected	1700	Not detected	330
Acenaphthylene			Not detected	1700	Not detected	330
Anthracene			2300	1700	Not detected	330
Benzo(a)anthracene			2200	1700	Not detected	330
Benzo(a)pyrene			Not detected	1700	Not detected	330
Benzo(b)fluoranthene			Not detected	1700	Not detected	330
Benzo(g,h,i)perylene			Not detected	1700	Not detected	330
Benzo(k)fluoranthene			Not detected	1700	Not detected	330
Bis(2-chloroethoxy)methane			Not detected	1700	Not detected	330
Bis(2-chloroethyl)ether			Not detected	1700	Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	1700	Not detected	330
Bis(2-ethylhexyl)phthalate			3400	1700	Not detected	330

YORK

Client Sample ID			PE-5		PE-6	
York Sample ID			04030096-05		04030096-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Butyl benzyl phthalate			Not detected	1700	Not detected	330
Carbazole			Not detected	750	Not detected	150
Chrysene			2000	1700	Not detected	330
Dibenzo(a,h)anthracene			Not detected	1700	Not detected	330
Dibenzofuran			Not detected	1700	Not detected	330
Diethylphthalate			Not detected	1700	Not detected	330
Dimethylphthalate			Not detected	1700	Not detected	330
Di-n-butylphthalate			Not detected	1700	Not detected	330
Di-n-octylphthalate			Not detected	1700	Not detected	330
Fluoranthene			4700	1700	440	330
Fluorene			2200	1700	390	330
Hexachlorobenzene			Not detected	1700	Not detected	330
Hexachlorobutadiene			Not detected	1700	Not detected	330
Hexachlorocyclopentadiene			Not detected	1700	Not detected	330
Hexachloroethane			Not detected	1700	Not detected	330
Indeno(1,2,3-cd)pyrene			Not detected	1700	Not detected	330
Isophorone			Not detected	1700	Not detected	330
Naphthalene			3400	1700	Not detected	330
Nitrobenzene			Not detected	1700	Not detected	330
N-Nitrosodi-n-propylamine			Not detected	1700	Not detected	330
N-Nitrosodiphenylamine			Not detected	1700	Not detected	330
Phenanthrene			9300	1700	1400	330
Pyrene			5300	1700	570	330

Client Sample ID			PE-7	
York Sample ID			04030096-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles-8021 List soil	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2,4-Trimethylbenzene			73	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3,5-Trimethylbenzene			19	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected	5.0

YORK

Client Sample ID			PE-7	
York Sample ID			04030096-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,4-Dichlorobenzene			Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			52	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			10	5.0
Methylene chloride			Not detected	5.0
Naphthalene			Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			10	5.0
o-Xylene			88	5.0
p- & m-Xylenes			110	5.0
p-Isopropyltoluene			Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0
Base/Neutral Extractables soil	SW846-8270	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	330
1,2-Dichlorobenzene			Not detected	330
1,3-Dichlorobenzene			Not detected	330
1,4-Dichlorobenzene			Not detected	330
2,4-Dinitrotoluene			Not detected	330
2,6-Dinitrotoluene			Not detected	330
2-Chloronaphthalene			Not detected	330
2-Methylnaphthalene			Not detected	330
2-Nitroaniline			Not detected	330
3,3'-Dichlorobenzidine			Not detected	330
3-Nitroaniline			Not detected	330
4-Bromophenyl phenyl ether			Not detected	330

YORK

Client Sample ID			PE-7	
York Sample ID			04030096-07	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
4-Chloroaniline			Not detected	330
4-Chlorophenyl phenyl ether			Not detected	330
4-Nitroaniline			Not detected	330
Acenaphthene			Not detected	330
Acenaphthylene			Not detected	330
Anthracene			Not detected	330
Benzo(a)anthracene			Not detected	330
Benzo(a)pyrene			Not detected	330
Benzo(b)fluoranthene			Not detected	330
Benzo(g,h,i)perylene			Not detected	330
Benzo(k)fluoranthene			Not detected	330
Bis(2-chloroethoxy)methane			Not detected	330
Bis(2-chloroethyl)ether			Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	330
Bis(2-ethylhexyl)phthalate			Not detected	330
Butyl benzyl phthalate			Not detected	330
Carbazole			Not detected	150
Chrysene			Not detected	330
Dibenzo(a,h)anthracene			Not detected	330
Dibenzofuran			Not detected	330
Diethylphthalate			Not detected	330
Dimethylphthalate			Not detected	330
Di-n-butylphthalate			Not detected	330
Di-n-octylphthalate			Not detected	330
Fluoranthene			Not detected	330
Fluorene			Not detected	330
Hexachlorobenzene			Not detected	330
Hexachlorobutadiene			Not detected	330
Hexachlorocyclopentadiene			Not detected	330
Hexachloroethane			Not detected	330
Indeno(1,2,3-cd)pyrene			Not detected	330
Isophorone			Not detected	330
Naphthalene			Not detected	330
Nitrobenzene			Not detected	330
N-Nitrosodi-n-propylamine			Not detected	330
N-Nitrosodiphenylamine			Not detected	330
Phenanthrene			Not detected	330
Pyrene			Not detected	330

Units Key:

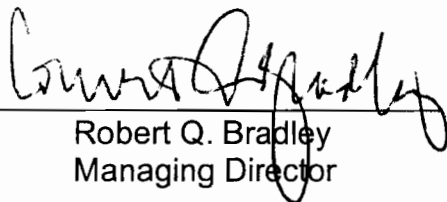
For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Report Date: 3/16/2004
Client Project ID: Cooper
York Project No.: 04030096

Notes for York Project No. 04030096

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: 
Robert Q. Bradley
Managing Director

Date: 3/16/2004

YORK

Field Chain-of-Custody Record

Company Name: Services Inc. Report To: S. Ryan Invoice To: S. Ryan Project ID/No.: Cooper

Samples Collected By (Signature): [Signature]
 Sharima Ryan
 Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix			ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air		
1	PE-1	3-2-04	X			VWA 8021 BNW 80210	(1) 402 (1) 802
2	PE-2	3-2-04	X			VWA 8021 BNW 80210	(1) 402 (1) 802
3	PE-3	3-1-04	X			VWA 8021 BNW 80210	(1) 402 (1) 802
4	PE-4	3-1-04	X			VWA 8021 BNW 80210	(1) 402 (1) 802
5	PE-5	3-1-04	X			VWA 8021 BNW 80210	(1) 402 (1) 802
6	PE-6	3-1-04	X			VWA 8021 BNW 80210	(1) 402 (1) 802
7	PE-7	3-1-04	X			VWA 8021 BNW 80210	(1) 402 (1) 802

Chain-of-Custody Record

Relinquished from Lab by: [Signature] Date/Time: 3-2-04 2:45
 Relinquished by: [Signature] Date/Time: 3-2-04 2:45

Received in Field by: [Signature] Date/Time: 3-2-04 3:20
 Received in Lab by: [Signature] Date/Time: 3-2-04 3:20

Turn-Around Time: Standard (RUSH/define)