

U.S. ARMY CORPS OF ENGINEERS, SAVANNAH DISTRICT
CONTRACT DACA21-92-D-0002, DELIVERY ORDER #0101

CLOSURE REPORT

WASTE OIL TANK
BUILDING 260, TANK 201B
FACILITY ID NUMBER: 9-089043
FT. STEWART, GEORGIA

PREPARED BY:

ANDERSON COLUMBIA ENVIRONMENTAL, INC.

NOVEMBER 1996

P.O. Box 1386, Lake City, Florida 32056-1386
Phone: (904) 755-1196 Fax: (904) 758-9050

US Army Corps of Engineers
Delivery Order 0101
Ft. Stewart, Hinesville, Georgia
Underground Storage Tank Removal and Closure

Table of Contents

<u>Item</u>	<u>Tab</u>
Georgia Closure Forms.....	1
Site Photographs.....	4
Site Map.....	5
EPA Form 7530-1 & Field Assessment Methods.....	6
Laboratory Data Summary, Georgia Threshold Levels & Lab Data	7
Manifests.....	9
Fort Stewart Area Map.....	10

Prepared by

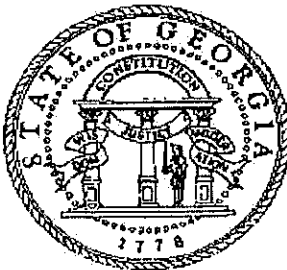
Anderson Columbia Environmental, Inc.

TAB 1

GEORGIA CLOSURE REPORT
FORMS

Georgia Department of Natural Resources

Environmental Protection Division
Underground Storage Tank Management Program
4244 International Parkway, Suite 104, Atlanta, Georgia 30354
Lonice C. Barrett, Commissioner
Harold F. Reheis, Director
(404) 362-2687



CLOSURE REPORT FORM

Please complete the following form, include the listed items and check all of the boxes that apply. This form can be used as a Closure Report, provided documentation is attached when specified, to substantiate the information on this form, as outlined in the guidance document "So You Want to Close an UST?" (GUST-9). If one of the items does not apply to your tank closure, please provide a written explanation for the omission. If soil was excavated and disposed of, be sure to complete the applicable sections and attach the proper disposal documents.

1. Owner of UST System:

Name: US Army/Ft. Stewart
Phone Number: (912) 767-2010/1234
Company: US Army
Address: Cdr. 3rd Inf. Div. (Mech.), Attn: AFZP-DEV, Bldg. 1139
Ft. Stewart GA 31314-5000
(city) (state) (zip code)

I hereby certify that the information contained in this Closure Report and in all the attachments is true, accurate, and complete, and the Closure Report satisfies all criteria and requirements of Rule 391-3-15-.09 of the Georgia Rules for Underground Storage Tank Management.

Signature: ORIGINAL SIGNED Date: Dec 96

2. UST System Site Location:

Facility Name: Ft. Stewart, GA FAC 260
Street Address: FAC 260
Ft. Stewart GA 31314-5000
(city) (state) (zip code)
Facility ID# 9-089043

3. Contract Certification:

I hereby certify that I have performed or supervised the work detailed in this report, and have examined and am familiar with the information submitted in this and all attached documents. The submitted information is, to the best of knowledge, true, accurate, complete, and in accordance with the Georgia Rules for Underground Storage Tank Management, revised February, 1995.

Name: David F. Black
Address: PO Box 1386 Lake City, Florida 32056

Signature: [Signature] Date: 11/4/96

4. Site-specific Hydrogeology:

Depth to Groundwater _____ ft. if encountered

☒ Not Applicable

5. Site Map: Include the following items on an attached site map:

REFER TO TAB 5

- Tank Pit Area
- Sewer Lines (if present)
- Sample Locations (with sample numbers and depths)
- Scale 1 in = 10 ft
- Piping Trenches
- Water Lines
- North Arrow
- Dispensers
- Tanks with thier ID#s, corresponding to the Notification Form 7530-1

6. Tank Removal

• Date of Removal: 11-Jul-96

Tank #	Tank Size (gallons)	Tank Contents
201-B	1000	Waste Oil

(This information should correspond to the 7530-1 Form.)

- Attach Amended Notification Form 7530-1
- Describe Soil Sampling Procedures (and groundwater, if encountered):

REFER TO TAB 6

REFER TO TAB 6

7. Laboratory Analytical Data:

The following items must be included on attached copies

REFER TO TAB 7

- Laboratory Method
- Detection Limits
- Date of Sampling
- Signed Chain of Custody
- Date of Analysis
- Quality Control Data

8. Regulated Substance Released:

Check the applicable box(es).

☐ Gasoline ☐ Diesel ☐ Kerosene ☒ Used Oil ☐ Other _____

9. Excavation and Treatment/Disposal of Contaminated Soil:

- Attach Soil Disposal Manifests
- Volume of Soil Excavated (less than 6 ft from USTs and 4 ft from piping or dispenser islands)
54.31 Tons OR _____ yd³

☐ Not Applicable

10. Local Water Resources: Attach documentation only if Table B Soil Threshold Values and/or in-Stream Water Quality Standards are proposed for soil disposal, or No Further Action Required status. Check the applicable box(es).

☐ Drinking water supplies are NOT located in:
High or average groundwater pollution susceptibility area:*
Public water systems within 2.0 miles and
Non-public water systems within 0.5 mile

OR

Low groundwater pollution susceptibility area:*
Public water systems within 1.0 mile and
Non-public water systems within 0.25 mile

* As defined by the Groundwater Pollution Susceptibility Map of Georgia

☐ Streams, Lakes, and Ponds:
Distance to closest surface water body: _____ mile(s) or _____ feet

☒ Not Applicable

SEE TAB 7, 10

11. Conclusions or Recommendations: Choose one.

☐ Clean Closure, thus No Further Action is Required.

☐ Soil Excavated within the Limits Specified in Question 7 (GUST-9) and Transported to an EPD Treatment/Disposal Facility, Thus No Further Action is Required.

TAB 4

SITE PHOTOGRAPHS



Photo 1. Breaking concrete over Tank 201B.



Photo 2. Tank 201B being uncovered.

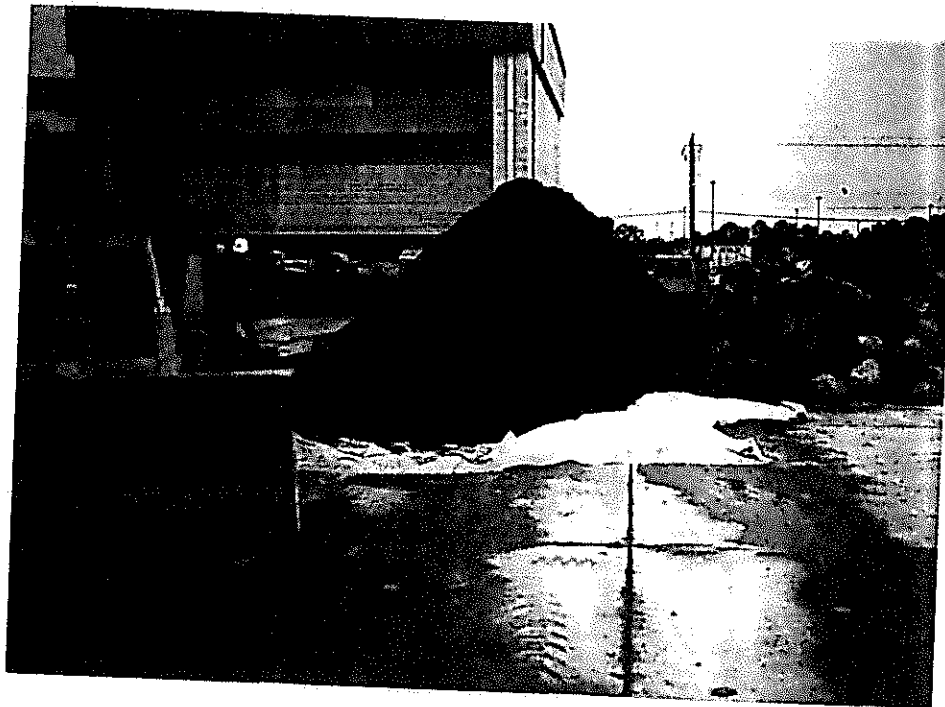


Photo 3. Pile of petroleum contaminated soils at the site of the excavation.

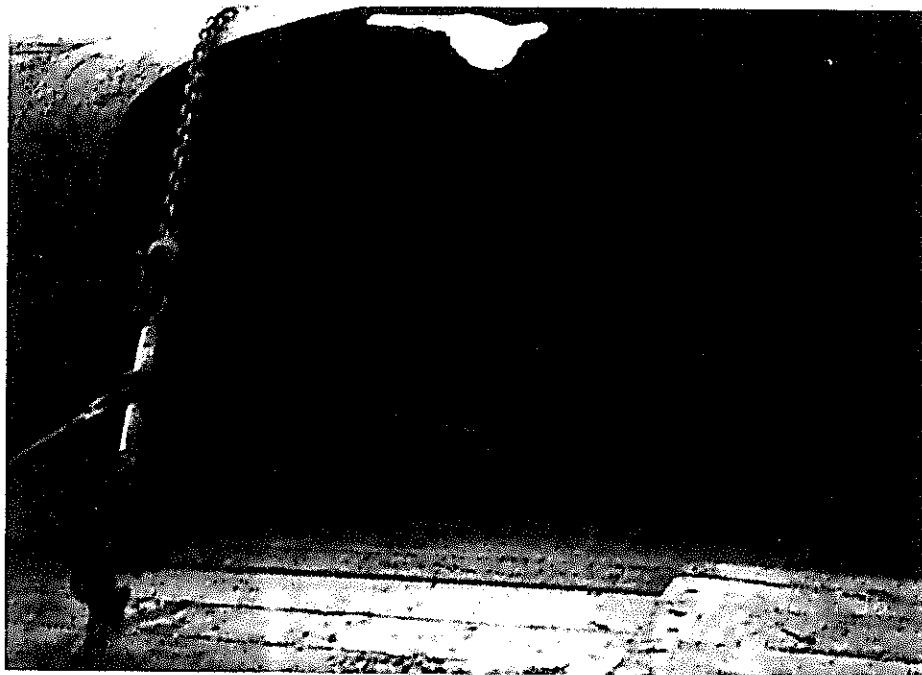
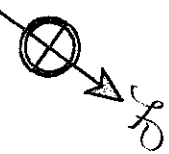


Photo 4. Tank 201B loaded for disposal.

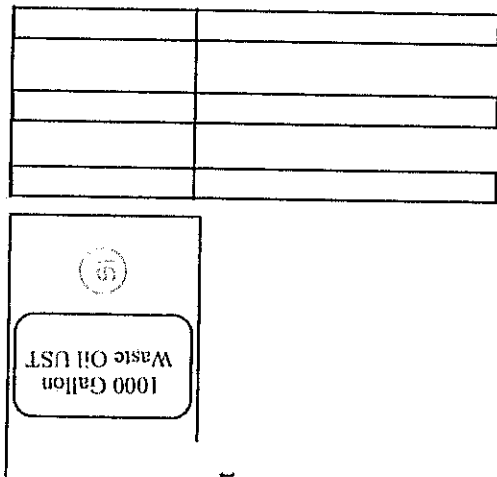
TAB 5

SITE MAPS



Canopy
Building

Tank #201-B



Concrete
Area

Building 260

LEGEND

(S1) Location of Closure Sample

ANDERSON COLUMBIA

Environmental, Inc.

P.O. BOX 1386, LAKE CITY, FLORIDA 32056-1386 PHONE: (904) 755-1196 FAX: (904) 738-9050

DR. AJR

DR. APP.

DATE: 2 August 96

SCALE: 1" = 10'

Sampling Map - Building 260

Tank 201B

Ft. Stewart, Georgia

Delivery Order 101

FIGURE NO.: 1

TAB 6

EPA FORM 7530-1
&
FIELD ASSESSMENT METHODS

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part I: Facility Data

state use only

FACILITY ID NUMBER: 9-089043

OWNER'S ID: 197

INITIAL DATE RECEIVED: 12-18-1992

DATE AMENDED LAST: _____

NOTIFICATION TYPE: ☐ New ☒ Amended ☒ Closure

OWNERSHIP OF TANK (S):

NUMBER OF TANK (S): 4

Name : US ARMY/FT STEWART
Mailing Address : HQ 3RD INF DIV (M), AFZP-DEV/BLDG 1139
City : FT STEWART State: GEORGIA Zip Code: 31314-5000
Phone : 912-767-1071 County: LIBERTY

LOCATION OF TANK (S):

Name : FT STEWART/FAC 260
Street Address : FAC 260
City : FT STEWART State: GEORGIA Zip Code: 31314-5000
County : LIBERTY Latitude: _____ Longitude: _____
Phone : _____

OWNER TYPE: ☒ Federal ☐ State ☐ Local ☐ Commercial ☐ Private

FACILITY TYPE (S):

☐ Gas Station	☐ Local Government	☐ Contractor
☐ Petroleum Dist	☐ State Government	☐ Truck/Transport
☐ Air Tax (Airport)	☐ Fed Non-Military	☐ Utilities
☐ Aircraft Owner	☒ Fed Military	☐ Farm
☐ Auto Dealership	☐ Commercial	☐ Residential
☐ Railroad	☐ Industrial	☐ Other
☐ Hospital	☐ Educational	

CONTACT PERSON IN CHARGE OF TANK (S):

Name : US ARMY/FT STEWART Title: JOHN SPEAR/ENV ENG
Address : HQ 3RD INF DIV (M), AFZP-DEV/BLDG 1139
City : FT STEWART State: GEORGIA Zip Code: 31314-5000
Phone : 912-767-1071

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

FACILITY ID	9-089043	9-089043	9-089043	9-089043						
TANK ID	200	201	201A	201B						
Substance Stored in Tank										
Hazardous Substance										
CERCLA Name										
CAS Number										
Mixture										
Mixture, Specification										
Out of Use/Chg. Ser.	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Est. Date Last Used	2/1/94		8/1/94		7-96		7-96			
Est. Date Closed										
Removed from Ground	3-28-95		3-28-95		7-12-96		7-12-96			
Closed in Ground							x			
Filled with Iner. Mat.										
Change in Service										
Site Assessment Compl.										
Leak Detected										
Installation										
Certified by Manufac.										
Certified by Imple. Agn.										
Inspected by Engineer										
Checklists Completed										
Another Allowed Method										
Method Description										
Certified by Imple. Agn.										
Inspected by Engineer										
Checklists Completed										
Another Allowed Method										
Method Description										
Release Detection	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
Tank Tightness Testing										
Inventory Controls										
SIR										
Automatic Tank Guaging										
Inter. Mon./Double Wall										
Groundwater Monitoring										
Manual Tank Guaging										
Vapor Monitoring										
Inter. Mon./Sec. Cont.										
Auto. Line Leak Detect.										
Line Tightness Testing										
Other Method										
Other Description										
Spill and Overfill										
Date Overfill Device										
Date Spill Device										
Installer Certification										
Name										
Position										
Company										
Date										

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

FACILITY ID	9-089043	9-089043	9-089043	9-089043	
TANK ID	200	201	201A	201B	
Status of Tank					
Currently in Use					
Temp. Out of Use			X	X	
Perm. Out of Use	X	X	X	X	
Date of Installation	1-Jan-85	1-Jan-85	1-Jan-85	1-Jan-85	
Age	11	11	11	11	
Est. Total Capacity	12,000 1000	1000 10,000	1000	1000	
MATERIAL OF CONSTRUCTION					
Asphalt or Bare Steel					
Cath. Protected Steel					
Epoxy Coated Steel					
Composite					
Fiberglass Reinf. Plas.	X	X	X	X	
Lined Interior					
Double Walled					
Poly. Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other, Explanation					
Date Tank Repaired					
PIPING MATERIAL					
Bare Steel					
Galvanized Steel	X	X	X	X	
Fiberglass					
Copper					
Cathodically Protected					
Double Walled					
Secondary Containment					
Unknown					
Other, Explanation					
Date Piping Installed					
Piping Type					
Suction: No Valve					
Suction: Valve					
Pressure					
Gravity Fed					
Date Piping Repaired					
Substance Stored in Tank					
Gasoline	X				
Diesel		X			
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Propane			X	X	
Empty					
Other, Explanation					

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part I: Facility Data

FINANCIAL RESPONSIBILITY:

FACILITY ID NUMBER:

- ☐ I meet the financial responsibility requirements of SS12-13-9 Official Code of Georgia Annotated by providing or participating in one of the following financial assurance mechanisms.

Primary Financial Responsibility Mechanism (check one)

- | | |
|---|---|
| ☐ GUST Trust Fund | ☐ Insurance |
| ☐ Surety Bond | ☐ Guarantee |
| ☐ Letter of Credit | ☐ Trust Fund (other than GUST) |
| ☐ Risk Retention Group | ☒ Other Method |
| ☐ Self-insured | ☐ None |

If a primary coverage mechanism other than GUST Trust Fund is checked, provide the following information pursuant to GUST Rule 391-3-15-.12 (1):

Financial Responsibility Provider (primary):

Name: US Army

Address: HQ 3rd Inf. Div. (M) AFZP-DEV/BLDG 1139 City: Ft. Stewart State: GA

Mechanism Id Number: _____

Mechanism Anniversary Date: _____

Deductible Financial Responsibility, if any: (check one)

Note: If your primary Financial Responsibility Mechanism is provided through participation in the GUST Trust Fund by payment of Environmental Assurance Fees, as required under GUST Rule 391-3-15-.13, you must also check one of the following boxes indicating how coverage for the GUST Trust Fund \$10,000 deductible is being provided.

If your Financial Responsibility Mechanism is other than GUST Trust Fund and it has a deductible, you must also check one of the following boxes indicating how coverage for the deductible is being provided.

- | | |
|---|---|
| ☐ Surety Bond | ☐ Insurance |
| ☐ Letter of Credit | ☐ Guarantee |
| ☐ Risk Retention Group | ☐ Trust Fund (other than GUST) |
| ☐ Self-insured | ☐ Other Method |

Provide the name and address of Financial Responsibility Provider for Deductible pursuant to GUST Rule 391-15-.12 (1):

Financial Responsibility Provider (deductible):

Name: _____

Address: _____ City: _____ State: _____

Mechanism Id Number: _____

Mechanism Anniversary Date: _____

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part III: Certifications

OATH OF

INSTALLATION: I certify the information concerning installation of the UST system, release detection, and spill/overflow protection specified in Part II-Tank Data is true to the best of my belief and knowledge.

Installer:

Company

Company Address

Authorized Representative

Signature

Date

Title

Telephone Number (include Area Code)

CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Owner:

John H. Spears

Owner Name

Chief, Environmental Branch

Title

Owner's Signature

Date

TAB 6

FIELD ASSESSMENT METHODS

SOIL SAMPLES

Soil samples for analytical testing were collected by Anderson Columbia Environmental, Inc. (ACE) personnel two (2) feet below both end of the excavated tanks and from the side walls of the excavation. Soil samples were collected into precleaned, labeled laboratory sample bottles and immediately placed on ice. The samples were shipped under Chain of Custody to the Corps of Engineers contract laboratory, Ecosys Laboratory Services.

Soil samples for field screening were collected by ACE personnel from each side and bottom of the tank pit. Soil samples were collected at various intervals and soil vapors were withdrawn for volatile organic compounds (VOCs) with a Heath PORTA-FID II, Model No. 8000 Flame Ionization Detector (FID) fitted with a methane filter. Calibration was performed prior to field sampling with a 100 ppm methane/air mixture.

FID readings of soil samples were collected by filling a clean glass jar one-half full with soil, capping the jar with clean aluminum foil and allowing conditions in the jar to equilibrate for approximately 60 minutes. The tip of the FID was then carefully inserted through the aluminum foil and an air sample from the jar's headspace was analyzed for total VOCs.

GROUNDWATER SAMPLES

Groundwater samples were collected from the bottom of the tank pits only when groundwater invaded the excavation. Groundwater samples were collected from the excavation site with a disposable Teflon bailer and immediately placed in precleaned, labeled laboratory sample containers. Following collection, samples were immediately placed in a sample cooler with ice and were delivered, under Chain of Custody, to Ecosys Laboratory Services.

TAB 9

MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

Manifest
Document No.
000091. Page 1
of 1

2. Generator's Name and Mailing Address

Ft. Stewart
Hinesville, GA 31313

3. Generator's Phone (912) 234-6579

4. Transporter 1 Company Name

Hendricks Hauling

5. Transporter 2 Company Name

6. Designated Facility Name and Site Address

Triple R Management, Inc. C/O Reynolds Construction Co.
Rt. 84
Ludowici GA 31316

A. Transporter's Phone

B. Transporter's Phone 912-427-6755

C. Facility's Phone

912-756-3655

7. Waste Shipping Name and Description

8. Containers

No.

Type

9.
Total
Quantity10.
Unit
Wt/Vol

a. Petroleum Contaminated Soil

1

TT

18.00

CY

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

11. Special Handling Instructions and Additional Information

8101

Tank# _____

12. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

TOM FRY

Signature

Tom Fry

Month Day Year

10/8/28/96

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

GEORGE SUTTON

Signature

George Sutton

Month Day Year

10/8/28/96

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

10/8/28/96

15. Discrepancy Indication Space

16. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Charles Pruitt

Signature

Charles Pruitt

Month Day Year

10/8/29/96

ORIGINAL - RETURN TO GENERATOR

REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

Office (912) 368-7488 • Plant (912) 876-8085

Date	19	Load No.	3
Customer	Trip's R Mgmt	Description	Res
Project/Number	RET 104		
Location	PT STEWART	County	Liberty

Net - 399.00

~~43550 00 Tare~~
~~23760 1b Tare~~
63660 1b+ Gross

10:10 AM AU 29 96

23760 1b Tare

00 1b Tare

~~23760 1b+ Gross~~

10:16 AM AU 29 96

Charles P. Smith

Signature of Weigher

TONS: 19.95

TOTAL TONS: 54.31

TRUCKER

DRIVER

57
TRUCK NO.

TICKET NO. 60038

NON-HAZARDOUS WASTE MANIFEST

Manifest
Document No.
00005

1. Page 1
of 1

2. Generator's Name and Mailing Address
Ft. Stewart
Hinesville, GA 31313
3. Generator's Phone (912) 234-6579

4. Transporter 1 Company Name
Hendricks Hauling

5. Transporter 2 Company Name

6. Designated Facility Name and Site Address
Triple R Management, Inc. C/O Reynolds Construction Co.
Rt. 84
Ludowici GA 31316

A. Transporter's Phone
B. Transporter's Phone 912-427-6750
C. Facility's Phone 912-756-3655

7. Waste Shipping Name and Description

8. Containers
No. Type
9. Total
Quantity
10. Unit
Wt/Vol

a. Petroleum Contaminated Soil

1 TT 18.00 CY

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

11. Special Handling Instructions and Additional Information

8101

Tank#

12. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

TOM FRY

Signature

Tom Fry

Month Day Year

8 51 25 96

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

THOMAS WILLIAMSON

Signature

Thomas Williamson

Month Day Year

8 25 96

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

15. Discrepancy Indication Space

16. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Charles Pruitt

Signature

Charles Pruitt

Month Day Year

8 29 96

ORIGINAL - RETURN TO GENERATOR

REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

Office (912) 368-7488 • Plant (912) 876-8085

Date _____ 19__	Load No. <u>2</u>
<u>Triple R. Mgmt</u>	<u>PCS</u>
Customer <u>RRR 104</u>	Description _____
Project Number <u>Stewart</u>	<u>Liberty</u>
Location _____	County _____

Net. 358.40

~~00 lb Net~~

~~56260 lb Tare~~

56260 lb+ Gross

10:05 AM AU 29 96

~~20420 lb Net~~

~~00 lb Tare~~

20420 lb+ ~~Tare~~

10:12 AM AU 29 96

Charles Powell

Signature of Weigher

TONS: 17.92

TOTAL TONS: 34.36

Hendrix

42

TRUCKER

TRUCK NO.

Shane Williamson

DRIVER

TICKET NO. 60039 ✓

NON-HAZARDOUS WASTE MANIFEST		Manifest Document No. 9000-1	1. Page 1 of 1	
2. Generator's Name and Mailing Address Ft. Stewart Hinesville, GA 31313				
3. Generator's Phone (912) 234-6579				
4. Transporter 1 Company Name Hendricks Hauling				
5. Transporter 2 Company Name				
6. Designated Facility Name and Site Address Triple R Management, Inc. C/O Reynolds Construction Co. Rt. 84 Ludowici GA 31316			A. Transporter's Phone	
			B. Transporter's Phone 912-427-675	
			C. Facility's Phone 912-756-3655	
7. Waste Shipping Name and Description		8. Containers No. Type	9. Total Quantity	10. Unit W/Vol
a. Petroleum Contaminated Soil		1 TT	18.00	CY
b.				
c.				
d.				
D. Additional Descriptions for Materials Listed Above		E. Handling Codes for Wastes Listed Above		
11. Special Handling Instructions and Additional Information 8101 Tank#				
12. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name TOM REY		Signature <i>Tom Rey</i>		Month Day Year 8 5 96
13. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name RAYMOND G. BACA		Signature <i>Raymond G. Baca</i>		Month Day Year 8 24 96
14. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Month Day Year
15. Discrepancy Indication Space				
16. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name Charles Pruitt		Signature <i>Charles Pruitt</i>		Month Day Year 8 29 96

GENERATOR

TRANSPORTER

FACILITY

REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

Office (912) 368-7488 • Plant (912) 876-8085

Date	19	Load No.	1
Customer	Triple R. Mgmt	Description	Pes
Project Number	KAK 104		
Location	Stewart	County	Liberty

Net- 328.80

~~20 lb Net~~

~~53040 lb Tare~~

53020 lb+ Gross

10:01 AM AU 29 96

~~68 lb Net~~

20140 lb Tare

~~20140 lb+ Gross~~

10:06 AM AU 29 96

Charles
Signature of Weigher

TONS: 16.44

TOTAL TONS: 16.44

Ray A. B.
TRUCKER

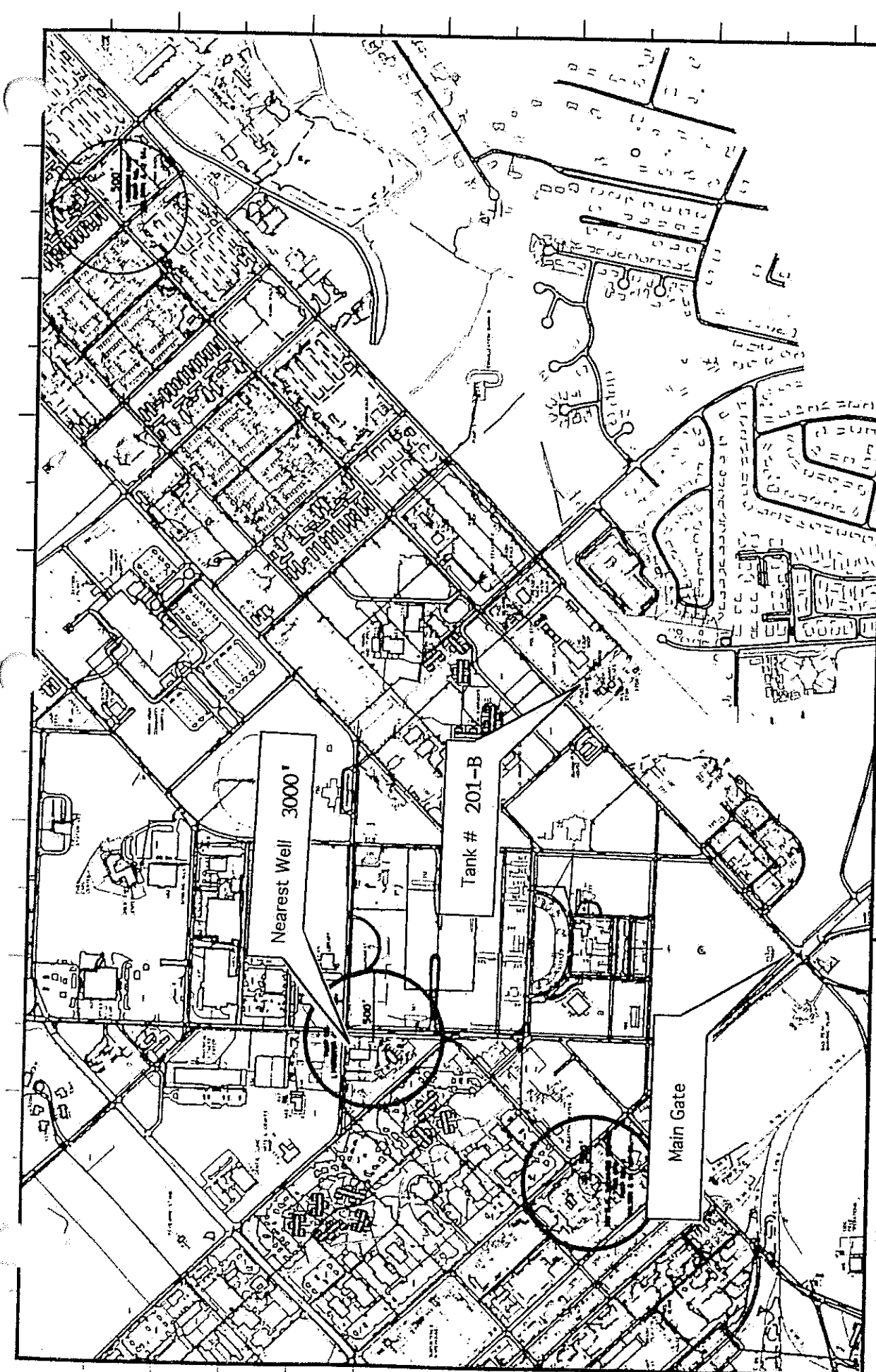
44
TRUCK NO.

Wendy
DRIVER

TICKET NO. 60037

TAB 10

FORT STEWART AREA MAP



LEGEND/REF. DRWG'S



Base map of Fort Stewart.

ANDERSON COLUMBIA

ENVIRONMENTAL, INC.
P. O. BOX 1386 LAKE CITY, FLORIDA 32056 (904) 755-1196

DR. AJR CH'D SRC DR. APP. DFB
ENGR. ENGR'G DEPT.
DATE 9 Oct 96 SCALE 1"=1000'

Area Map for Tank # 201-B

Fort Stewart

Hinesville, Georgia

DRAWING NO.: FIGURE 1

NOTE: PLEASE INSERT THIS ADDENDUM INTO THE CLOSURE REPORT
SUBMITTED TO THE USMP IN DECEMBER 1996

AUGUST 13, 1998

FACILITY ID. NO. 9-089043
UST #201B

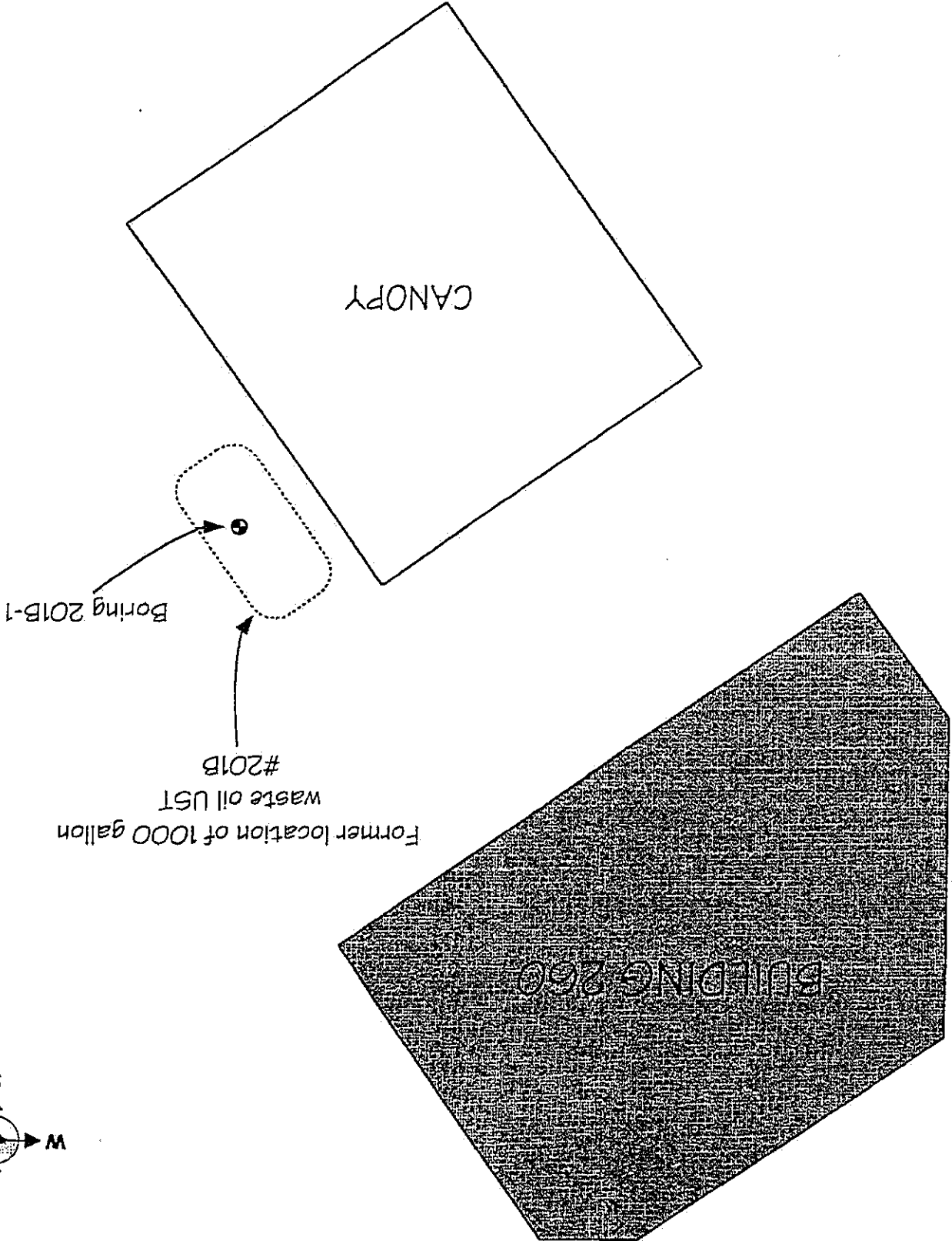
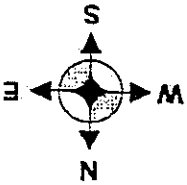
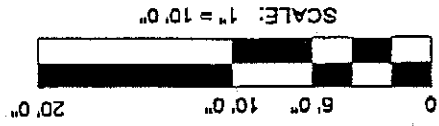
CLOSURE REPORT ADDENDUM

CLOSURE REPORT ADDENDUM
UST #201B, FACILITY ID. NO. 9-089043

SITE MAPS
TAB 5

Attached is a site map indicating the location of the boring installed in May 1998 for resampling of the site. In addition, a soil boring log is provided for your use and convenience. An as-built drawing of this facility has been provided, which indicates the sewer lines and water lines near the former tank pit, as applicable.

UNITED STATES ARMY
FORT STEWART, GEORGIA
FORMER UST #201B
Facility ID# 9089043
Figure 1
Site Map



201B-1

CLOSURE REPORT ADDENDUM
UST #201B, FACILITY ID. NO. 9-089043

CLOSURE OF PIPING
TAB 6

The undersigned certifies that the piping associated with former Tank #201B, located at Building 260, Fort Stewart, Georgia, was purged and cleaned by our contractor, Anderson Columbia Environmental, prior to abandoning the piping in-place. In-place closure consisted of placing an absorbent sock in the pipe and then grouting the ends (i.e., the end at the tank and the end in the outdoor motorpool bay).

The undersigned also certifies that the piping at this facility was associated with Tank #201B, which was used for storage of waste oil. The piping was not greater than 25 feet (i.e., piping from bay to tank was approximately 10 feet), and in accordance with GUST Rules, sampling is not required.

Name: John H. Spears Title: Chief, Environmental Branch

Signature: John H. Spears Date: 2/14/98

CLOSURE REPORT ADDENDUM
UST #201B, FACILITY ID. NO. 9-089043

LABORATORY ANALYTICAL DATA

TAB 7

As requested, the site was resampled and the associated analytical data is attached. Please replace the laboratory data sheets contained in the Closure Report submitted in December 1996 (Tab 7) with those provided in this correspondence.

TABLE 1

FORT STEWART
UST RESAMPLING

Sample Number	Sampling Date and Time	EPA 418.1 Total Petroleum Hydrocarbons	EPA 8270 SVOCs	EPA 8260 VOCs
201B-1-5-98	12 May 98 1230	U	U	25 ug/kg Methylene Chloride B
201B-2-5-98	12 May 98 1240	U	U	27 ug/kg Methylene Chloride B
201B-3-5-98	12 May 98 1515	NT	U	11 ug/L Methylene Chloride B
224-1-5-98	12 May 98 1430	U	U	25 ug/kg Methylene Chloride B
224-2-5-98	12 May 98 1445	53 mg/kg TPHs	U	25 ug/kg Methylene Chloride B
224-3-5-98	12 May 98 1530	NT	220 ug/L Pentachlorophenol	13 ug/L Methylene Chloride B
Tip Blank		NT	NT	7.7 ug/L Methylene Chloride B
METHOD BLANK		U	U	U
KEY:				
SVOCs = Semi-Volatile Organic Compounds				
VOCs = Volatile Organic Compounds				
U = Target analytes not detected above the analytical reporting limits.				
NT = Sample not tested by this analytical method.				
B = Analyte was also detected in the Method Blank and is flagged as being laboratory contamination.				

CLIENT:

USACE-Savannah District
Mark Harviston
100 West Oglethorpe Ave
Savannah, GA 31402
P: 912-652-5151 F: 912-652-5311

Ledger Comment: Please see attached case narrative.

Client Sample # 2018-1-5-98

Sampling Date/Time 05/12/1998 12:30

Lab Sample ID N80192701

Prep/Method	Analyte	Result	RL	Units	Dilution	Analyst	Prep	Date of Analysis
-------------	---------	--------	----	-------	----------	---------	------	------------------

3550/418.1	TPH (FTIR) SOLID	Below RL	29	mg/Kg	1.0	DW	05/20/1998	05/26/1998
------------	------------------	----------	----	-------	-----	----	------------	------------

Batch 0520980008

Batch 0518880015

Phenol	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
Bis(2-Chloroethyl) Ether	Below RL	380	ug/Kg	1.0	ML	05/20/1998	05/21/1998
2-Chlorophenol	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
1,3-Dichlorobenzene	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
1,4-Dichlorobenzene	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
1,2-Dichlorobenzene	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
Bis(2-chloroisopropyl) ether	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
2-Methylphenol	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
4-Methylphenol	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
N-Nitrosodi-n-propylamine	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
Hexachloroethane	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
Nitrobenzene	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
Isophorone	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
2-Nitrophenol	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
2,4-Dimethylphenol	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
Bis(2-chloroethoxy)methane	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
2,4-Dichlorophenol	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
1,2,4-Trichlorobenzene	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
Naphthalene	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
4-Chloroaniline	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
Hexachlorobutadiene	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
Chloro-3-Methylphenol	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
2-Methylnaphthalene	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
Hexachlorocyclopentadiene	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
2,4,6-Trichlorophenol	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998
2,4,5-Trichlorophenol	Below RL	390	ug/Kg	1.0	ML	05/20/1998	05/21/1998



Rep/Method	Analyte	Result	RL	Units	Dilution	Factor	Init	Prep	Date of Analysis
------------	---------	--------	----	-------	----------	--------	------	------	------------------

5030/8280 VOC (GC/MS) SOLID

Batch 0518980013

Vinyl Chloride	Below RL	2.3	ug/Kg	1.0	KD	N/A	05/15/198		
Bromomethane	Below RL	12	ug/Kg	1.0	KD	N/A	05/15/198		
Chloroethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Trichlorofluoromethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,1-Dichloroethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,1-Dichloroethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Trans-1,2-Dichloroethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Acrylonitrile	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Carbon Disulfide	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Methylene Chloride	25	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,1-Dichloroethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
2,2-Dichloropropane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Cis-1,2-Dichloroethene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Chloroform	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Bromochloromethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,1,1-Trichloroethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,1-Dichloropropene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Carbon Tetrachloride	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,2-Dichloroethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Benzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Trichloroethene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,2-Dichloropropane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Bromodichloromethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Dibromomethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
4-Methyl-2-Pentanone (MIBK)	Below RL	12	ug/Kg	1.0	KD	N/A	05/15/198		
2-Hexanone	Below RL	12	ug/Kg	1.0	KD	N/A	05/15/198		
Cis-1,3-Dichloropropene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Toluene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Trans-1,3-Dichloropropene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,1,2-Trichloroethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,3-Dichloropropane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Tetrachloroethene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Chlorodibromomethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,2-Dibromomethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Chlorobenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Ethylbenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,1,1,2-Tetrachloroethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Xylenes (Total)	Below RL	18	ug/Kg	1.0	KD	N/A	05/15/198		
Styrene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Isopropylbenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Bromoforn	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,1,2,2-Tetrachloroethane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
1,2,3-Trichloropropane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
N-Propylbenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		
Bromobenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/198		

Prep/Method	Analyte	Result	RL	Units	Dilution	Analyst	Init	Prep	Date of Analysis
3550/418.1	TPH (FTIR) SOLID	Below RL	33	mg/Kg	1.0	DW	05/20/1998	05/28/199	Batch 0520980008
3550/8270	SEMI (GC/MS) SOLID	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/199	Batch 0518980015
Phenol	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/199		
Bis(2-Chloroethyl) Ether	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/199		
2-Chlorophenol	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/199		
3-Dichlorobenzene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/199		
4-Dichlorobenzene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/199		
1,2-Dichlorobenzene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/199		
Bis(2-chloroisopropyl) ether	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/199		
2-Methylphenol	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/199		

Prep/Method	Analyte	Result	RL	Units	Dilution	Analyst	Init	Prep	Date of Analysis
Client Sample # 201B-2-5-98	Sampling Date/Time 05/12/1998	12:40	Lab Sample ID N80192702						

Prep/Method	Analyte	Result	RL	Units	Dilution	Analyst	Init	Prep	Date of Analysis
5030/8260	VOC (GC/MS) SOLID	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199	Batch 0518980013
1,3,5-Trimethylbenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
2-Chlorotoluene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
4-Chlorotoluene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
Tert-Butylbenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
1,2,4-Trimethylbenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
Sec-Butylbenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
P-Isopropyltoluene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
1,3-Dichlorobenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
1,4-Dichlorobenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
N-Butylbenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
1,2-Dichlorobenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
1,2-Dibromo-3-Chloropropane	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
1,2,4-Trichlorobenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
Naphthalene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
1,2,3-Trichlorobenzene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
Trans-1,4-Dichloro-2-Butene	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
None	Below RL	120	ug/Kg	1.0	KD	N/A	05/15/199		
2-Butanone (MEK)	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
2-Chloroethylvinyl Ether	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
Tetrahydrofuran	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
Methyl Tert-Butyl Ether	Below RL	5.9	ug/Kg	1.0	KD	N/A	05/15/199		
SM 2540G	% TOTAL SOLIDS SOLID	85	0.10	%	1.0	AG	05/18/1998	05/19/199	Batch 0518980014
(%) Total-Solids									

Prep/Method	Analyte	Result	RL	Units	Dilution	Analyst	Init	Prep	Date of Analysis
Client Sample # 201B-1-5-98	Sampling Date/Time 05/12/1998	12:30	Lab Sample ID N80192701						

Prep/Method	Analyte	Result	RL	Units	Dilution	Analyst	Init	Prep	Date of
3550/8270	SEMI (GC/MS) SOLID	Batch 0518980015							
	4-Methylphenol	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	N-Nitrosodi-n-propylamine	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Hexachloroethane	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Nitrobenzene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Isophorone	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2-Nitrophenol	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2,4-Dimethylphenol	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2,4-Dichlorophenoxy)methane	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2,4-Dichlorophenol	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	1,2,4-Trichlorobenzene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Naphthalene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	4-Chloroaniline	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Hexachlorobutadiene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	4-Chloro-3-Methylphenol	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2-Methylnaphthalene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Hexachlorocyclopentadiene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2,4,6-Trichlorophenol	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2,4,5-Trichlorophenol	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2-Chloronaphthalene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2-Nitroaniline	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Dimethyl Phthalate	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Acenaphthylene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2,6-Dinitrotoluene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	3-Nitroaniline	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Acenaphthene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	4-Nitrophenol	Below RL	2200	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Dibenzofuran	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	2,4-Dinitrotoluene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Diethyl phthalate	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	4-Chlorophenyl phenyl ether	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Fluorene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	4-Nitroaniline	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	4,6-Dinitro-2-methylphenol	Below RL	2200	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	N-Nitrosodiphenylamine	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	4-Bromophenyl phenyl ether	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Hexachlorobenzene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Pentachlorophenol	Below RL	2200	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Phenanthrene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Anthrane	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Di-n-butyl phthalate	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Fluoranthene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Pyrene	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	
	Butyl benzyl phthalate	Below RL	440	ug/Kg	1.0	ML	05/20/1998	05/21/18	

Client Sample # 2018-2-5-98
Sampling Date/Time 05/12/1998 12:40

Lab Sample ID N80192702

Client Sample #	Sampling Date/Time	Lab Sample ID	Analyst	Date of Analysis
Client Sample # 2018-2-5-98	12:40	Lab Sample ID N80192202		
Sample	Result	Units	Dilution	Factor
3550/82270 SEMI (GC/MS) SOLID				
3,3'-Dichlorobenzidine	Below RL	ug/Kg	1.0	1.0
Benzo(a)anthracene	Below RL	ug/Kg	1.0	1.0
Bis(2-ethylhexyl) phthalate	Below RL	ug/Kg	1.0	1.0
Chrysene	Below RL	ug/Kg	1.0	1.0
Di-n-octyl phthalate	Below RL	ug/Kg	1.0	1.0
Benzo(b)fluoranthene	Below RL	ug/Kg	1.0	1.0
Benzo(k)fluoranthene	Below RL	ug/Kg	1.0	1.0
Benzo(a)pyrene	Below RL	ug/Kg	1.0	1.0
Indeno(1,2,3-cd)pyrene	Below RL	ug/Kg	1.0	1.0
Dibenzo(a,h)anthracene	Below RL	ug/Kg	1.0	1.0
Benzo(g,h,i)perylene	Below RL	ug/Kg	1.0	1.0
Carbazole	Below RL	ug/Kg	1.0	1.0
N-Nitrosodimethylamine	Below RL	ug/Kg	1.0	1.0
Benzoic acid	Below RL	ug/Kg	1.0	1.0
Benzyl alcohol	Below RL	ug/Kg	1.0	1.0
5030/8260 VOC (GC/MS) SOLID				
Dichlorodifluoromethane	Below RL	ug/Kg	1.0	1.0
Formethane	Below RL	ug/Kg	1.0	1.0
Vinyl Chloride	Below RL	ug/Kg	1.0	1.0
Bromomethane	Below RL	ug/Kg	1.0	1.0
Chloroethane	Below RL	ug/Kg	1.0	1.0
Trichlorofluoromethane	Below RL	ug/Kg	1.0	1.0
1,1-Dichloroethane	Below RL	ug/Kg	1.0	1.0
Methylene Chloride	27	ug/Kg	1.0	1.0
Carbon Disulfide	Below RL	ug/Kg	1.0	1.0
Acrylonitrile	Below RL	ug/Kg	1.0	1.0
Trans-1,2-Dichloroethene	Below RL	ug/Kg	1.0	1.0
1,1-Dichloroethane	Below RL	ug/Kg	1.0	1.0
1,1-Dichloropropene	Below RL	ug/Kg	1.0	1.0
2,2-Dichloropropene	Below RL	ug/Kg	1.0	1.0
Cis-1,2-Dichloroethene	Below RL	ug/Kg	1.0	1.0
Chloroform	Below RL	ug/Kg	1.0	1.0
Bromochloromethane	Below RL	ug/Kg	1.0	1.0
1,1,1-Trichloroethane	Below RL	ug/Kg	1.0	1.0
1,1-Dichloropropene	Below RL	ug/Kg	1.0	1.0
Carbon Tetrachloride	Below RL	ug/Kg	1.0	1.0
1,2-Dichloroethane	Below RL	ug/Kg	1.0	1.0
Benzene	Below RL	ug/Kg	1.0	1.0
Trichloroethene	Below RL	ug/Kg	1.0	1.0
1,2-Dichloropropane	Below RL	ug/Kg	1.0	1.0
Bromodichloromethane	Below RL	ug/Kg	1.0	1.0
Formomethane	Below RL	ug/Kg	1.0	1.0
+Methyl-2-Pentanon (MIBK)	Below RL	ug/Kg	1.0	1.0
2-Hexanone	Below RL	ug/Kg	1.0	1.0
Cis-1,3-Dichloropropene	Below RL	ug/Kg	1.0	1.0

Prep/Method	Analyte	Result	RL	Units	Dilution	Factor	Analyst	Prep	Date of Analysis
-------------	---------	--------	----	-------	----------	--------	---------	------	------------------

5030/8260 VOC (GC/MS) SOLID

Batch 0518980013

Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Trans-1,3-Dichloropropene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,1,2-Trichloroethane	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,1,2-Tetrachloroethane	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Ethylbenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Chlorobenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,2-Dibromomethane	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,2-Dibromomethane	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Styrene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Isopropylbenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Bromobenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,3,5-Trimethylbenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	2-Chlorotoluene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	4-Chlorotoluene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Tert-Butylbenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,2,4-Trimethylbenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Sec-Butylbenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	P-Isopropyltoluene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,3-Dichlorobenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,4-Dichlorobenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	N-Butylbenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,2-Dichlorobenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,2-Dibromo-3-Chloropropane	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,2,4-Trichlorobenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Hexachlorobutadiene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Naphthalene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	1,2,3-Trichlorobenzene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Trans-1,4-Dichloro-2-Butene	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Acetone	Below RL	130	ug/Kg	1.0	KD	N/A	05/15/1998	2-Butanone (MEK)	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	2-Chloroethylvinyl Ether	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Tetrahydrofuran	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998	Methyl Tert-Butyl Ether	Below RL	6.7	ug/Kg	1.0	KD	N/A	05/15/1998
----------	-----	-------	-----	----	-----	------------	---------------------------	----------	-----	-------	-----	----	-----	------------	-----------------------	----------	-----	-------	-----	----	-----	------------	-------------------------	----------	-----	-------	-----	----	-----	------------	--------------	----------	-----	-------	-----	----	-----	------------	---------------	----------	-----	-------	-----	----	-----	------------	--------------------	----------	-----	-------	-----	----	-----	------------	--------------------	----------	-----	-------	-----	----	-----	------------	---------	----------	-----	-------	-----	----	-----	------------	------------------	----------	-----	-------	-----	----	-----	------------	--------------	----------	-----	-------	-----	----	-----	------------	------------------------	----------	-----	-------	-----	----	-----	------------	-----------------	----------	-----	-------	-----	----	-----	------------	-----------------	----------	-----	-------	-----	----	-----	------------	-------------------	----------	-----	-------	-----	----	-----	------------	------------------------	----------	-----	-------	-----	----	-----	------------	------------------	----------	-----	-------	-----	----	-----	------------	--------------------	----------	-----	-------	-----	----	-----	------------	---------------------	----------	-----	-------	-----	----	-----	------------	---------------------	----------	-----	-------	-----	----	-----	------------	----------------	----------	-----	-------	-----	----	-----	------------	---------------------	----------	-----	-------	-----	----	-----	------------	-----------------------------	----------	-----	-------	-----	----	-----	------------	------------------------	----------	-----	-------	-----	----	-----	------------	---------------------	----------	-----	-------	-----	----	-----	------------	-------------	----------	-----	-------	-----	----	-----	------------	------------------------	----------	-----	-------	-----	----	-----	------------	-----------------------------	----------	-----	-------	-----	----	-----	------------	---------	----------	-----	-------	-----	----	-----	------------	------------------	----------	-----	-------	-----	----	-----	------------	--------------------------	----------	-----	-------	-----	----	-----	------------	-----------------	----------	-----	-------	-----	----	-----	------------	-------------------------	----------	-----	-------	-----	----	-----	------------

SM 2540G % TOTAL SOLIDS SOLID

Batch 0518980014

0.10	%	1.0	AG	05/18/1998	05/19/1998
------	---	-----	----	------------	------------

Phenol	Below RL	11	ug/L	1.0	ML	05/18/1998	05/26/1998
Bis(2-Chloroethyl) Ether	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2-Chlorophenol	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
1,3-Dichlorobenzene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
1,4-Dichlorobenzene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
1,2-Dichlorobenzene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Bis(2-chloroisopropyl) ether	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2-Methylphenol	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
4-Methylphenol	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
N-Nitrosodi-n-propylamine	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Hexachloroethane	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Nitrobenzene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Isophorone	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2-Nitrophenol	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2,4-Dimethylphenol	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Bis(2-chloroethoxy)methane	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2,4-Dichlorophenol	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
1,2,4-Trichlorobenzene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
phthalene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
4-Chloroaniline	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Hexachlorobutadiene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
4-Chloro-3-Methylphenol	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2-Methylnaphthalene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Hexachlorocyclopentadiene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2,4,6-Trichlorophenol	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2,4,5-Trichlorophenol	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2-Chloronaphthalene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2-Nitroaniline	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Dimethyl Phthalate	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Acenaphthylene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2,6-Dinitrotoluene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
3-Nitroaniline	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Acenaphthene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2,4-Dinitrophenol	Below RL	56	ug/L	1.0	ML	05/19/1998	05/26/1998
4-Nitrophenol	Below RL	56	ug/L	1.0	ML	05/19/1998	05/26/1998
Dibenzofuran	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
2,4-Dinitrotoluene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Diethyl phthalate	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
4-Chlorophenyl phenyl ether	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
Fluorene	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
4-Nitroaniline	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
5-Dinitro-2-methylphenol	Below RL	56	ug/L	1.0	ML	05/19/1998	05/26/1998
N-Nitrosodiphenylamine	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998
4-Bromophenyl phenyl ether	Below RL	11	ug/L	1.0	ML	05/19/1998	05/26/1998

Batch 0520980002

3610/8270 SEMI (GC/MS) LIQUID

Client Sample #	2018-3-5-98
Sampling Date/Time	05/12/1998 15:15
Lab Sample ID	N80192703
p/Method	Allyle
Result	RL
Units	Dilution
Factor	Analyst
Init	Prep
Date of	Analyte

Prep/Method	Analyte	Result	RL	Units	Dilution	Factor	Init	Prep	Date of	Analysis
-------------	---------	--------	----	-------	----------	--------	------	------	---------	----------

3510/8270 SEMI (GC/MS) LIQUID

Batch 0520980002

Hexachlorobenzene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Pentachlorophenol	Below RL	56	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Phenanthrene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Anthracene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Di-n-butyl phthalate	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Fluoranthene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Pyrene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Butyl benzyl phthalate	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
3,3'-Dichlorobenzidine	Below RL	22	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Benz(a)anthracene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Bis(2-ethylhexyl) phthalate	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Chrysene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Di-n-octyl phthalate	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Benz(o,b)fluoranthene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Benz(o,k)fluoranthene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Benz(a)pyrene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Indeno(1,2,3-cd)pyrene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Dibenz(a,h)anthracene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Benzo(g,h,i)perylene	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Carbazole	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
N-Nitrosodimethylaniline	Below RL	11	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Benzoic acid	Below RL	56	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Benzyl alcohol	Below RL	22	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998
Benzidine	Below RL	89	ug/L	ML	05/19/1998	05/26/1998	1.0	1.0	ML	05/19/1998	05/26/1998

5030/8260 VOC (GC/MS) LIQUID

Batch 0522980007

Dichlorodifluoromethane	Below RL	10	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Chloromethane	Below RL	10	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Vinyl Chloride	Below RL	2.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Bromomethane	Below RL	10	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Chloroethane	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Trichlorofluoromethane	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
1,1-Dichloroethene	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Methylene Chloride	11	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Carbon Disulfide	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Trans-1,2-Dichloroethene	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
1,1-Dichloroethane	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
2,2-Dichloropropane	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Cis-1,2-Dichloroethene	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Chloroform	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Bromochloromethane	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
1,1,1-Trichloroethane	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
1,1-Dichloropropene	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
Carbon Tetrachloride	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A
1,2-Dichloroethane	Below RL	5.0	ug/L	KD	05/23/19	N/A	1.0	1.0	KD	05/23/19	N/A

Prep/Method	Result	RL	Units	Dilution	Analyst	Int	Prep	Date of	Analyst
-------------	--------	----	-------	----------	---------	-----	------	---------	---------

Batch 0522980007

5030/8260 VOC (GC/MS) LIQUID

Benzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Trichloroethane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,2-Dichloropropane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Bromodichloromethane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Dibromomethane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
4-Methyl-2-Pentanone (MIBK)	Below RL	10	ug/L	1.0	KD	N/A		05/23/18	
2-Hexanone	Below RL	10	ug/L	1.0	KD	N/A		05/23/18	
Cis-1,3-Dichloropropene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Toluene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Trans-1,3-Dichloropropene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,1,2-Trichloroethane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,3-Dichloropropane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Tetrachloroethene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Chlorodibromomethane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,2-Dibromomethane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Chlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Ethylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,1,1,2-Tetrachloroethane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Styrene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Isopropylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Bromobenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,3,5-Trimethylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
2-Chlorotoluene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
4-Chlorotoluene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Tert-Butylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,2,4-Trimethylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Sec-Butylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
P-Isopropyltoluene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,3-Dichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,4-Dichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
N-Butylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,2-Dichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,2-Dibromo-3-Chloropropane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,2,4-Trichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Hexachlorobutadiene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Naphthalene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,2,3-Trichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
Acetone	Below RL	100	ug/L	1.0	KD	N/A		05/23/18	
2-Butanone (MEK)	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
2-Chloroethylvinyl Ether	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	
1,2,3-Trichloropropane	Below RL	5.0	ug/L	1.0	KD	N/A		05/23/18	

Chemical Name	Concentration (ug/Kg)	ML	05/20/1998
Phenol	390	1.0	05/20/1998
Bis(2-Chloroethyl) Ether	390	1.0	05/20/1998
2-Chlorophenol	390	1.0	05/20/1998
1,3-Dichlorobenzene	390	1.0	05/20/1998
4-Dichlorobenzene	390	1.0	05/20/1998
1,2-Dichlorobenzene	390	1.0	05/20/1998
Bis(2-chloroisopropyl) ether	390	1.0	05/20/1998
2-Methylphenol	390	1.0	05/20/1998
4-Methylphenol	390	1.0	05/20/1998
N-Nitrosod-n-propylamine	380	1.0	05/20/1998
Hexachloroethane	390	1.0	05/20/1998
Nitrobenzene	390	1.0	05/20/1998
Isophorone	390	1.0	05/20/1998
2-Nitrophenol	390	1.0	05/20/1998
2,4-Dimethylphenol	390	1.0	05/20/1998
Bis(2-chloroethoxy)methane	390	1.0	05/20/1998
2,4-Dichlorophenol	390	1.0	05/20/1998
1,2,4-Trichlorobenzene	390	1.0	05/20/1998
Naphthalene	390	1.0	05/20/1998
4-Chloroaniline	390	1.0	05/20/1998
Hexachlorobutadiene	390	1.0	05/20/1998
4-Chloro-3-Methylphenol	380	1.0	05/20/1998
2-Methylnaphthalene	390	1.0	05/20/1998
Hexachlorocyclopentadiene	390	1.0	05/20/1998
2,4,6-Trichlorophenol	390	1.0	05/20/1998
2,4,5-Trichlorophenol	390	1.0	05/20/1998
2-Chloronaphthalene	390	1.0	05/20/1998
2-Nitroaniline	390	1.0	05/20/1998
Dimethyl Phthalate	390	1.0	05/20/1998
Acenaphthylene	390	1.0	05/20/1998

3550/418.1	TPH (FTIR) SOLID	Batch 0520980008	1.0	DW	05/20/1998	05/26/1
3550/8270	SEMI (GC/MS) SOLID	Batch 0518980015	30	mg/Kg		

Client Sample #	Sampling Date/Time	Lab Sample ID	Prep/Method	Analyte
224-1-5-98	05/12/1998 14:30	N80192704		

5030/8260 VOC (GC/MS) LIQUID		Batch 0622980007	
Xylenes (Total)	Below RL	15	ug/L
Methyl Tert-Butyl Ether	Below RL	5.0	ug/L
		1.0	KD
		N/A	N/A
		05/23/11	05/23/11

Client Sample #	Sampling Date/Time	Lab Sample ID
201B-3-S-98	05/12/1998 15:15	N80192703

5030/8260	VOC (GC/MS) LIQUID	Batch 0522980007	5030/8260	Dichlorodifluoromethane	Below RL	10	ug/L	1.0	KD	N/A	05/22/19
				Chloromethane	Below RL	10	ug/L	1.0	KD	N/A	05/22/19
				Vinyl Chloride	Below RL	2.0	ug/L	1.0	KD	N/A	05/22/19
				Bromomethane	Below RL	10	ug/L	1.0	KD	N/A	05/22/19
				Chloroethane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				1,1-Dichloroethane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				1,1-Dichloroethene	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				1,1-Dichloroethane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				2,2-Dichloropropane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Cis-1,2-Dichloroethene	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Chloroform	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Bromochloromethane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				1,1,1-Trichloroethane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				1,1-Dichloropropene	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Carbon Tetrachloride	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				1,2-Dichloroethane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Benzene	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Trichloroethene	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				1,2-Dichloropropane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Bromodichloromethane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Dibromomethane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				4-Methyl-2-Pentanone (MIBK)	Below RL	10	ug/L	1.0	KD	N/A	05/22/19
				2-Hexanone	Below RL	10	ug/L	1.0	KD	N/A	05/22/19
				Cis-1,3-Dichloropropene	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Toluene	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Trans-1,3-Dichloropropene	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				1,1,2-Trichloroethane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				1,3-Dichloropropane	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19
				Tetrachloroethene	Below RL	5.0	ug/L	1.0	KD	N/A	05/22/19

Prep/Method	Analyte	Result	RL	Units	Dilution	Factor	Init	Analyst	Prep	Date of
Client Sample # TRIP BLANK	Sampling Date/Time 05/12/1998 15:45	Lab Sample ID N80192707								

5030/8260	VOC (GC/MS) LIQUID	Batch 0522980007	5030/8260	Xylenes (Total)	Below RL	15	ug/L	1.0	KD	N/A	05/23/19
				Methyl Tert-Butyl Ether	Below RL	5.0	ug/L	1.0	KD	N/A	05/23/19

Prep/Method	Analyte	Result	RL	Units	Dilution	Factor	Init	Analyst	Prep	Date of
Client Sample # 224-3-5-98	Sampling Date/Time 05/12/1998 15:30	Lab Sample ID N80192706								

Organics and Inorganics in Wastewater, Solids, and Wastes
 NC-DEHNR 441, SC-DHEC 98013, GA-DNR-806 UT-DOH E-228 (UST), FL-DEP 940134 HRS E87194 (Water), AZLA-0594-01,
 EPA ID EPA Reg Waste US Army Corps of Engineers Validation
 GA-00023 GA-0001011006
 These results relate only to the item(s) tested.
 This report shall not be reproduced, except in full, without the written approval of HydroLogic Inc.

Carrying Sample

RL = Reporting Limit INIT. = () Analysis performed by another HydroLogic Laboratory, () Analysis performed by subcontracted Laboratory						
5030/8260	VOC (GC/MS) LIQUID	Batch 0522980007				
Chlorodibromomethane	Below RL	5.0	ug/L	1.0	KD	N/A
1,2-Dibromoethane	Below RL	5.0	ug/L	1.0	KD	N/A
Chlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A
Ethylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A
1,1,1,2-Tetrachloroethane	Below RL	5.0	ug/L	1.0	KD	N/A
Styrene	Below RL	5.0	ug/L	1.0	KD	N/A
Isopropylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A
Bromotom	Below RL	5.0	ug/L	1.0	KD	N/A
1,1,2,2-Tetrachloroethane	Below RL	5.0	ug/L	1.0	KD	N/A
N-Propylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A
Bromobenzene	Below RL	5.0	ug/L	1.0	KD	N/A
1,3,5-Trimethylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A
2-Chlorotoluene	Below RL	5.0	ug/L	1.0	KD	N/A
4-Chlorotoluene	Below RL	5.0	ug/L	1.0	KD	N/A
Tert-Butylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A
1,2,4-Trimethylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A
Sec-Butylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A
Isopropyltoluene	Below RL	5.0	ug/L	1.0	KD	N/A
1,4-Dichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A
1,3-Dichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A
1,4-Dichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A
N-Butylbenzene	Below RL	5.0	ug/L	1.0	KD	N/A
1,2-Dichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A
1,2-Dibromo-3-Chloropropane	Below RL	5.0	ug/L	1.0	KD	N/A
1,2,4-Trichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A
Hexachlorobutadiene	Below RL	5.0	ug/L	1.0	KD	N/A
Naphthalene	Below RL	5.0	ug/L	1.0	KD	N/A
1,2,3-Trichlorobenzene	Below RL	5.0	ug/L	1.0	KD	N/A
Acetone	Below RL	100	ug/L	1.0	KD	N/A
2-Butanone (MEK)	Below RL	5.0	ug/L	1.0	KD	N/A
2-Chloroethylvinyl Ether	Below RL	5.0	ug/L	1.0	KD	N/A
1,2,3-Trichloropropane	Below RL	5.0	ug/L	1.0	KD	N/A
Xylenes (Total)	Below RL	15	ug/L	1.0	KD	N/A
Methyl Tert-Butyl Ether	Below RL	5.0	ug/L	1.0	KD	N/A

Client Sample # TRIP BLANK
 Sampling Date/Time 05/12/1998 15:45
 Lab Sample ID N80192707

