

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

CLOSURE REPORT

USED OIL TANK REMOVAL
BUILDING 1720, TANK 24
FACILITY ID NUMBER: 9-089011
FT. STEWART, GEORGIA

PREPARED BY:

ANDERSON COLUMBIA ENVIRONMENTAL, INC.

OCTOBER 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

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Prepared by

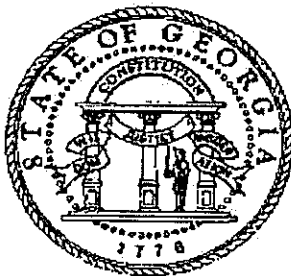
Anderson Columbia Enviornmental, Inc.

TAB 1

GEORGIA CLOSURE REPORT
FORMS

Georgia Department of Natural Resources

Environmental Protection Division
Underground Storage Tank Management Program
4244 International Parkeay, 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: _____ Date: _____

2. UST System Site Location:

Facility Name: Ft. Stewart, GA FAC 1720
Street Address: FAC 1720
Ft. Stewart GA 31314-5000
(city) (state) (zip code)
Facility ID# 9-089011

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: _____ Date: 10/16/96

Closure for

(1 of 3)

August 1995

4. Site-specific Hydrogeology:

Depth to Groundwater >12 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 $\frac{1}{4}$ in = 1 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: 2-Jul-96

Tank #	Tank Size (gallons)	Tank Contents
24	2000	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)
37.98 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 70

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

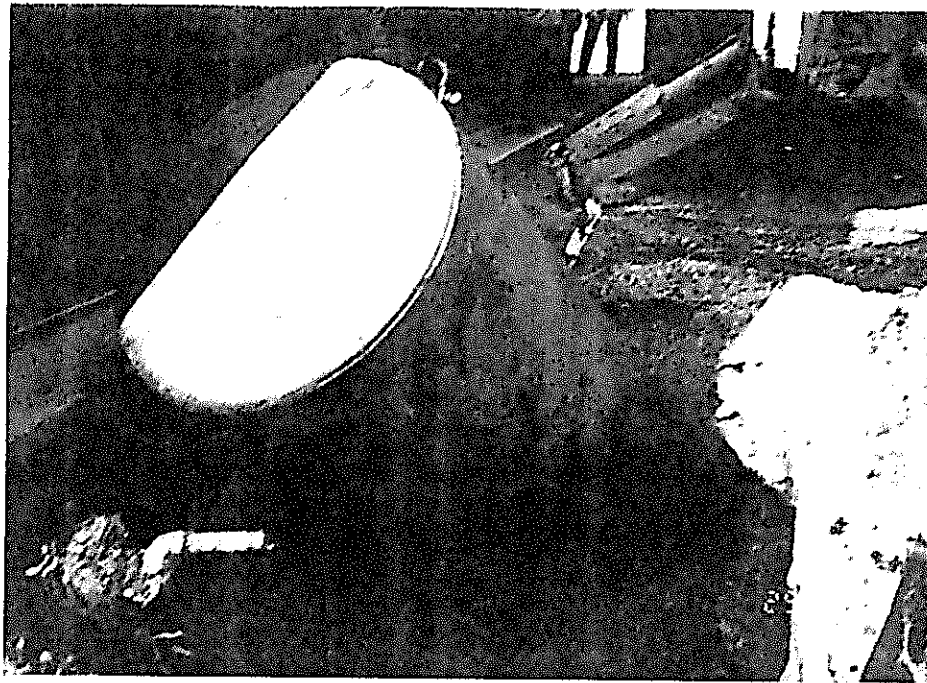


Photo 1. Tank 24 being removed from the tank pit.



Photo 2. ACE concrete experts prepare to pour a fresh slab over tank pit.

TAB 5

SITE MAPS

Building 1720

Concrete Area

Tank # 24

2000 Gallon
Waste Oil UST

Samples collected from 12' below surface

①

②

③

Concrete Area

LEGEND

⑤① Location of Closure Sample

ANDERSON COLUMBIA

Environmental, Inc.

P.O. BOX 1386, LAKE CITY, FLORIDA 32056-1386 PHONE: (904) 755-1196 FAX: (904) 758-9050

DR. AIR

DR. APP.

DATE: 25 July 96

SCALE: 1/4" = 1'

Sampling Map - Tank 24

Building 1720

Ft. Stewart, Georgia

Delivery Order 101

FIGURE NO.: 1

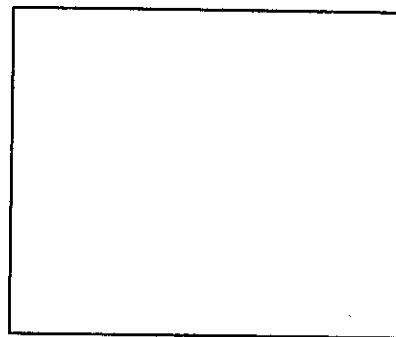
TAB 6

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: 9-089011

OWNER'S ID: 197

INITIAL DATE RECEIVED: 5/6/86

DATE AMENDED LAST: _____

NOTIFICATION TYPE: ☐ New ☒ Amended ☒ Closure

OWNERSHIP OF TANK (S):

NUMBER OF TANK (S): 1

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 1720
Street Address : FAC 1720
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 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 Corps of Engineers

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 II: Tank Data

FACILITY ID	9-089011				
TANK ID	24				
Status of Tank					
Currently in Use	☒				
Temp. Out of Use	☐				
Perm. Out of Use	☒				
Date of Installation	1-Jan-81				
Age	15				
Est. Total Capacity	2000				
MATERIAL OF CONSTRUCTION					
Asphalt or Bare Steel	☒				
Cath. Protected Steel	☐				
Epoxy Coated Steel	☐				
Composite	☐				
Fiberglass Reinf. Plas.	☒				
Lined Interior	☐				
Double Walled	☐				
Poly. Tank Jacket	☐				
Concrete	☐				
Excavation Liner	☐				
Unknown	☐				
Other, Explanation					
Date Tank Repaired					
PIPING MATERIAL					
Bare Steel	☐				
Galvanized Steel	☒				
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	☐				
Diesel	☐				
Gasohol	☐				
Kerosene	☐				
Heating Oil	☐				
Used Oil	☒				
Propane	☐				
Empty	☐				
Other, Explanation					

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANK

Part II: Tank Data

FACILITY ID	9-089011										
TANK ID	24										
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	6-24-96	6-24-96									
Est. Date Closed	7-1-96	7-1-96									
Removed from Ground	X	X									
Closed in Ground											
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 Gauging											
Inter. Mon./Double Wall											
Groundwater Monitoring											
Manual Tank Gauging											
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											

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 7

ANALYTICAL DATA

TAB 7 - Laboratory Analytical Data

Delivery Order #101
Fort Stewart, Georgia
Tank Number 24
Building Number 1720

<i>Method</i> Sample ID <i>unit</i>	9073 TRPH ppm	9071A TRPH ppm	8020 BTEX ppb	8270B Semi-Volatile Organics ppb
24-T1-S1		bdl	bdl	bdl
24-T1-S2		bdl	bdl	bdl
24-T1-S3		bdl	bdl	bdl
bdl= below method detection limits				

**Fort Stewart is in an area of 'High or Average Groundwater pollution susceptibility' and these tanks are within 1500 feet of a public water well (but greater than 500 feet from the well). Because values for the tank pit are all below the detection limits, Table A and Table B are not applicable.

37.98 tons of petroleum contaminated soil was removed from the Tank 24 pit.

Complete Data Package Follows

Petroleum Constituents and Soil Threshold Levels^a

At UST corrective action sites where withdrawal points for public and non-public water supplies exist within distances defined in GUST Rule 391-3-15-.09(3):

CONSTITUENT	AVERAGE OR HIGHER GROUNDWATER POLLUTION SUSCEPTIBILITY AREA ^b (Where public water supplies exist within 2.0 miles and/or non-public supplies exist within 0.5 miles)		LOWER GROUNDWATER POLLUTION SUSCEPTIBILITY AREA ^c (Where public water supplies exist within 1.0 mile and/or non-public supplies exist within 0.25 mile)	
	≤500 feet to withdrawal point	>500 feet to withdrawal point	≤500 feet to withdrawal point	>500 feet to withdrawal point
VOLATILE ORGANIC COMPOUNDS				
Benzene ^d	0.005 mg/kg ^d	0.008 mg/kg	0.005 mg/kg ^d	0.71 mg/kg
Toluene	0.400 mg/kg	6.00 mg/kg	0.400 mg/kg	500.00 mg/kg
Ethylbenzene	0.370 mg/kg	10.00 mg/kg	0.500 mg/kg	140.00 mg/kg
Xylenes (total)	20.00 mg/kg	700.00 mg/kg	27.00 mg/kg	700.00 mg/kg
POLYNUCLEAR AROMATIC HYDROCARBONS				
Acenaphthene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Anthracene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Benz(a)anthracene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Benzo(a)pyrene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Benzo(b)fluoranthene	0.820 mg/kg ^{d,f}	N/A ^e	N/A ^e	N/A ^e
Benzo(g,h,i)perylene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Benzo(k)fluoranthene	1.60 mg/kg ^{d,f}	N/A ^e	N/A ^e	N/A ^e
Chrysene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Dibenz(a,h)anthracene	1.50 mg/kg ^{d,f}	N/A ^e	N/A ^e	N/A ^e
Fluoranthene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Fluorene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Indeno(1,2,3-c,d)pyrene	0.660 mg/kg ^d	N/A ^e	0.660 mg/kg ^d	N/A ^e
Naphthalene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Phenanthrene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Pyrene	N/A ^e	N/A ^e	N/A ^e	N/A ^e

- Based on worst-case assumptions for one-dimensional vadose zone and groundwater contaminant fate and transport models.
- b - Based on an assumed distance of 0.5 feet between contaminated soils and the water table.
- c - Based on an assumed distance of 5.0 feet between contaminated soils and the water table.
- d - Estimated Quantitation Limit. The health-based threshold level is less than the laboratory method limit of detection.
- e - Not applicable. The health-based threshold level exceeds the expected soil concentration under free product condition.
- f - In order to protect surface waters, the soil threshold level in Table B may supersede that found in Table A.
- g - In the presence of other petroleum contaminants in concentrations exceeding 1.0 mg/kg, the Estimated Quantitation Limit, and hence the soil threshold level, may be substantially greater, as approved by EPD.

Table B

Petroleum Constituents and Soil Threshold^a Levels

At other UST corrective action sites where withdrawal points for public and non-public water supplies do not exist within distances defined in GUST Rule 391-3-15-.09(3):

CONSTITUENT	AVERAGE OR HIGHER GROUNDWATER POLLUTION SUSCEPTIBILITY AREA ^b		LOWER GROUNDWATER POLLUTION SUSCEPTIBILITY AREA ^c	
	≤500 feet to sur- face water body	>500 feet to sur- face water body	≤500 feet to sur- face water body	>500 feet to sur- face water body
VOLATILE ORGANIC COMPOUNDS				
Benzene ^f	0.017 mg/kg	0.120 mg/kg	0.020 mg/kg	11.30 mg/kg
Toluene	115.00 mg/kg	500.00 mg/kg	135.00 mg/kg	500.00 mg/kg
Ethylbenzene	18.00 mg/kg	140.00 mg/kg	28.00 mg/kg	140.00 mg/kg
Xylenes (total)	700.00 mg/kg	700.00 mg/kg	700.00 mg/kg	700.00 mg/kg
POLYNUCLEAR AROMATIC HYDROCARBONS				
Acenaphthene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Anthracene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Benz(a)anthracene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Benzo(a)pyrene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Benzo(b)fluoranthene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Benzo(g,h,i)perylene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Benzo(k)fluoranthene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Chrysene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Dibenz(a,h)anthracene	0.660 mg/kg ^d	N/A ^e	N/A ^e	N/A ^e
Fluoranthene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Fluorene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Indeno(1,2,3-c,d)pyrene	0.660 mg/kg ^d	N/A ^e	0.660 mg/kg ^d	N/A ^e
Naphthalene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Phenanthrene	N/A ^e	N/A ^e	N/A ^e	N/A ^e
Pyrene	N/A ^e	N/A ^e	N/A ^e	N/A ^e

^a Based on worst-case assumptions for one-dimensional vadose zone and groundwater contaminant fate and transport models.

^b Based on an assumed distance of 0.5 feet between contaminated soils and the water table.

^c Based on an assumed distance of 5.0 feet between contaminated soils and the water table.

^d Estimated Quantitation Limit. The health-based threshold level is less than the laboratory method limit of detection.

^e Not applicable. The health-based threshold level exceeds the expected soil concentration under free product condition.

^f In the presence of other petroleum contaminants in concentrations exceeding 1.0 mg/kg, the Estimated Quantitation Limit, and hence the soil threshold level, may be substantially greater, as approved by EPD.

TRANSMITTAL OF SAD LABORATORY REPORT(S)

TO: US Army Corps of Engineers
Savannah District
CESAS-PM-H (Mr. Brent Rose)
P. O. Box 889
Savannah, GA 31402-0889

FROM: Director (CESAD-ET-EL)
SAD Laboratory
USACE
611 South Cobb Drive
Marietta, GA 30060-3112

PROJECT: Ft. Stewart

MIPR NO: PMS-96-109
W.O. NO: 7996

SUBJECT: Analytical Testing Results

1. Enclosed is our report of analytical test results and chain of custody forms for samples collected on 1 and 2 July 1996 from Ft. Stewart.
2. If you have any questions, please call Mr. Blaise Willis at 770/919-5295 me at 770/919-3990.

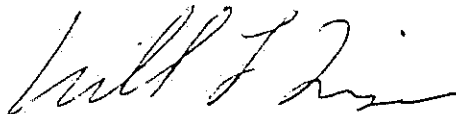
22 Aug 96

SUBMITTED BY:

SIGNATURE

DATE:

WILLIAM L. TISON, P. E.
Director, SAD Laboratory



20 Aug 96

South Atlantic Division Laboratory
U. S. Army Corps of Engineers
611 South Cobb Drive
Marietta, Georgia 30060-3112

District - SAVANNAH

Date Received - 96/07/09

Date Reported - 96/08/19 13:23:30

FT. STEWART ARMY AF

Requisition - PMS-96-109

Work Order - 7996 Job Number - 3996

Lab # Field ID

29450 #118 T-1-S1

Date Sampled Time Sampled

96/07/01 14:00

Test Performed -----	Result -----	Units -----	Tested By -----	Test Date -----
TOTAL SOLIDS, % OF WET	82.70	%	ECO	96/07/12
AROMATIC VOLATILE ORGANICS	*		ECO	96/07/16
SEMIVOLATILE ORGANICS GC/MS	*		ECO	96/07/22
HEAVY FUEL ID (8015 MOD)	*		ECO	96/07/24

*NOTE: See Attached

Sampled by District Personnel

Checked by: JWS

Signed by:

Blaise Willis

Blaise Willis
Chemist

Sheet 1 of 8

Lab # Field ID

29451 #22 T-1-S1

Date Sampled

96/07/01

Time Sampled

17:30

Test Performed

TOTAL SOLIDS, % OF WET
AROMATIC VOLATILE ORGANICS
SEMIVOLATILE ORGANICS GC/MS
TRPH

Result	Units
-----	-----
83.50	%
*	
*	
< 12.0	MG/KG

Tested By	Test Date
-----	-----
ECO	96/07/12
ECO	96/07/16
ECO	96/07/19
ECO	96/07/17

*NOTE: See Attached

Sampled by District Personnel

Checked by:

Signed by:

Blaise Willis

Blaise Willis
Chemist

Sheet 2 of 8

Lab # Field ID

29452 #22 T-1-S2

Date Sampled

96/07/01

Time Sampled

17:40

Test Performed

TOTAL SOLIDS, % OF WET
AROMATIC VOLATILE ORGANICS
SEMIVOLATILE ORGANICS GC/MS
TRPH

Result	Units
85.70	%
*	
*	
< 12.0	MG/KG

Tested By	Test Date
ECO	96/07/12
ECO	96/07/16
ECO	96/07/20
ECO	96/07/17

*NOTE: See Attached

Sampled by District Personnel

Checked by: JWS

Sheet 3 of 8

Signed by:

Blaise Willis

Blaise Willis
Chemist

Lab # Field ID

29453 #22 T-1-S3

Date Sampled

96/07/01

Time Sampled

17:50

Test Performed

TOTAL SOLIDS, % OF WET
AROMATIC VOLATILE ORGANICS
SEMIVOLATILE ORGANICS GC/MS
TRPH

Result	Units
-----	-----
84.70	%
*	
*	
< 12.0	MG/KG

Tested By	Test Date
-----	-----
ECO	96/07/12
ECO	96/07/16
ECO	96/07/22
ECO	96/07/17

*NOTE: See Attached

Sampled by District Personnel

Checked by: OWS

Sheet 4 of 8

Signed by:

Blaise Willis

Blaise Willis
Chemist

Lab # Field ID

29454 #24 T-1-S1

Date Sampled

96/07/02

Time Sampled

08:20

Test Performed

TOTAL SOLIDS, % OF WET
AROMATIC VOLATILE ORGANICS
SEMIVOLATILE ORGANICS GC/MS
TRPH

Result

86.50

*

*

< 12.0

Units

%

MG/KG

Tested
By

By

ECO

ECO

ECO

ECO

Test
Date

Date

96/07/12

96/07/16

96/07/22

96/07/17

*NOTE: See Attached

Sampled by District Personnel

Checked by: OWS

Sheet 5 of 8

Signed by:

Blaise Willis

Blaise Willis
Chemist

Lab # Field ID

29455 #24 T-1-S2

Date Sampled

96/07/02

Time Sampled

08:30

Test Performed

Result Units

Tested By Test Date

TOTAL SOLIDS, % OF WET
AROMATIC VOLATILE ORGANICS
SEMIVOLATILE ORGANICS GC/MS
TRPH

82.60 %
*
*
< 12.0 MG/KG

ECO 96/07/12
ECO 96/07/16
ECO 96/07/19
ECO 96/07/17

*NOTE: See Attached

Sampled by District Personnel

Checked by: OWS

Signed by:

Blaise Willis

Blaise Willis
Chemist

Sheet 6 of 8

Lab # Field ID

29456 #24 T-1-S3

Date Sampled

96/07/02

Time Sampled

08:40

Test Performed

Result Units

Tested By Test Date

TOTAL SOLIDS, % OF WET
AROMATIC VOLATILE ORGANICS
SEMIVOLATILE ORGANICS GC/MS
TRPH

83.30	%	ECO	96/07/12
*		ECO	96/07/16
*		ECO	96/07/19
< 12.0	MG/KG	ECO	96/07/17

*NOTE: See Attached

Sampled by District Personnel

Checked by: UWS

Signed by:

Blaise Willis

Blaise Willis
Chemist

Sheet 7 of 8

Lab # Field ID

29457 TRIP BLANK

Date Sampled

96/07/02

Time Sampled

00:00

Test Performed

AROMATIC VOLATILE ORGANICS

Result Units

 *

Tested Test
By Date

ECO 96/07/17

*NOTE: See Attached

Sampled by District Personnel

Checked by: JWS

Sheet 8 of 8

Signed by:

Blaise Willis

Blaise Willis
Chemist

ANDERSON COLUMBIA

ENVIRONMENTAL, INC.

CLAIM OF CUSTODY RECEIPT

Page 1 of 1

ECB

Project No. 8101

Project Name ET. Stewart

Sample (Signature) Robert A. Vlandis

Sample Number

Date

Time

g

cc

Sample Location

No. of Containers

Value

Remarks:

8020
8270
8015 DRO
9073

~~8020~~
~~8270~~
~~8015 DRO~~
~~9073~~

Trak # 118
Trak # 22

89480
51

~~8020~~
~~8270~~
~~8015 DRO~~
~~9073~~

Trak # 118
Trak # 22

89480
51

~~8020~~
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Trak # 118
Trak # 22

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Trak # 118
Trak # 22

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Trak # 118
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Trak # 118
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Trak # 118
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~~9073~~

Trak # 118
Trak # 22

89480
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~~8015 DRO~~
~~9073~~

Trak # 118
Trak # 22

89480
51

~~8020~~
~~8270~~
~~8015 DRO~~
~~9073~~

Trak # 118
Trak # 22

89480
51

SOUTH ATLANTIC DIVISION LABORATORY
SAMPLE RECEIVING AND COOLER RECEIPT DATA SHEET
CHEMICAL SECTION - Sample Log-In

DATE:

7/9/96

Number of coolers 1

Returned cooler(s) to:

At Sea

PROJECT:

Fl. Stewart

W.O.#

JOB#

3996

Coolers(s) opened by (print name)

Barry C. McDonald

(sign)

[Signature]

1. Did cooler come with shipping slip?

If yes, enter Tracking Number here

128 226 566 6

☒ yes ☐ no

2. Were custody seals on out side of cooler?

How many? 2

Date on seal(s)

7/6/96

Name on seal(s)

Law

☒ yes ☐ no

3. Were custody seals unbroken upon receipt?

☒ yes ☐ no

4. Did you screen sample(s) for "Radioactivity"?

☒ yes ☐ no

5. Were custody papers filled out properly? (ink, signed, etc..)

☒ yes ☐ no

6. Temperature of sample(s) upon receipt:

16°

7. Describe cooler packing:

0 Samples Floating in Water

8. Did all sample containers arrive unbroken?

☒ yes ☐ no

9. Were the sample containers sealed in separate plastic bags?

☒ yes ☐ no

10. Were labels on containers in good condition and agree with Custody paper?

☒ yes ☐ no

11. Were correct containers used for the test(s) indicated?

☒ yes ☐ no

12. Were correct preservatives added to sample(s)?

☐ yes ☐ no ☒ unk

13. Was a sufficient amount of sample sent for test?

☒ yes ☐ no

14. Were bubbles absent in Volatile sample(s)?

If no, list field ID#

☒ yes ☐ no ☐ N/A

15. Numbers of days from sample date, samples received in Lab

5-6 days

16. Number of Samples:

0

Sample Type: ☒ soil ☐ water ☐ other

SAMPLE ANALYSIS PERFORMED BY:

EL 305

TAT

[Signature]

COMMENTS:

17. Did you sign custody papers in the appropriate place?

☒ yes ☐ no

LAB NUMBER(S):

29450-57

SIGNATURE:

ECOSYS

LABORATORY SERVICES

ANALYTICAL REPORT

1412 Oakbrook Drive
Suite 105
Lawrenceville, Georgia 30093
Phone (770) 368-0636
Fax (770) 368-0806

USACE-SAD
Blaisdell Willis
611 South Cobb Drive
Marietta, GA 30060
P: 919-5270 F: 919-4977

Client Code 29112130
Ledger Number 107899
P.O. Number
Date Received 07/10/96
Time Received 10:31
Reporting Date 08/16/96

Lab Sample ID AB35667
Project # 3996
Project Name FT. STEWART
Sampling Date/Time 07/01/96 14:00

Client Site # 29450
Client Sample # #118 T- 1-S1

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	PHENOL	\$06013	Below MDL	399	ug/Kg	1.0	108-95-2	GH	07/22/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06013	Below MDL	399	ug/Kg	1.0	111-44-4	GH	07/22/96
8270B	2-CHLOROPHENOL	\$06013	Below MDL	399	ug/Kg	1.0	95-57-8	GH	07/22/96
8270B	1,3-DICHLOROBENZENE	\$06013	Below MDL	399	ug/Kg	1.0	541-73-1	GH	07/22/96
8270B	1,4-DICHLOROBENZENE	\$06013	Below MDL	399	ug/Kg	1.0	108-46-7	GH	07/22/96
8270B	1,2-DICHLOROBENZENE	\$06013	Below MDL	399	ug/Kg	1.0	95-50-1	GH	07/22/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06013	Below MDL	399	ug/Kg	1.0	108-60-1	GH	07/22/96
8270B	2-METHYLPHENOL	\$06013	Below MDL	399	ug/Kg	1.0	95-48-7	GH	07/22/96
8270B	4-METHYLPHENOL	\$06013	Below MDL	399	ug/Kg	1.0	108-44-5	GH	07/22/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06013	Below MDL	399	ug/Kg	1.0	621-64-7	GH	07/22/96
8270B	HEXACHLOROETHANE	\$06013	Below MDL	399	ug/Kg	1.0	67-72-1	GH	07/22/96
8270B	NITROBENZENE	\$06013	Below MDL	399	ug/Kg	1.0	98-95-3	GH	07/22/96
8270B	ISOPHORONE	\$06013	Below MDL	399	ug/Kg	1.0	78-59-1	GH	07/22/96
8270B	2-NITROPHENOL	\$06013	Below MDL	798	ug/Kg	1.0	88-75-5	GH	07/22/96
8270B	2,4-DIMETHYLPHENOL	\$06013	Below MDL	399	ug/Kg	1.0	105-67-9	GH	07/22/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06013	Below MDL	399	ug/Kg	1.0	111-91-1	GH	07/22/96
8270B	2,4-DICHLOROPHENOL	\$06013	Below MDL	399	ug/Kg	1.0	120-83-2	GH	07/22/96
8270B	1,2,4-TRICHLOROBENZENE	\$06013	Below MDL	399	ug/Kg	1.0	120-82-1	GH	07/22/96
8270B	NAPHTHALENE	\$06013	Below MDL	399	ug/Kg	1.0	91-20-3	GH	07/22/96
8270B	4-CHLOROANILINE	\$06013	Below MDL	399	ug/Kg	1.0	106-47-8	GH	07/22/96
8270B	HEXACHLOROBUTADIENE	\$06013	Below MDL	399	ug/Kg	1.0	87-68-3	GH	07/22/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06013	Below MDL	798	ug/Kg	1.0	59-50-7	GH	07/22/96
8270B	2-METHYLNAPHTHALENE	\$06013	Below MDL	399	ug/Kg	1.0	91-57-6	GH	07/22/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06013	Below MDL	399	ug/Kg	1.0	77-47-4	GH	07/22/96
8270B	2,4,6-TRICHLOROPHENOL	\$06013	Below MDL	399	ug/Kg	1.0	88-06-2	GH	07/22/96
8270B	2,4,5-TRICHLOROPHENOL	\$06013	Below MDL	399	ug/Kg	1.0	95-95-4	GH	07/22/96
8270B	2-CHLORONAPHTHALENE	\$06013	Below MDL	399	ug/Kg	1.0	91-58-7	GH	07/22/96

Lab Sample ID AB35667
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/01/96 14:00

Client Site # 29450
 Client Sample # #118 T- 1-S1

JD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	2-NITROANILINE	\$06013	Below MDL	399	ug/Kg	1.0	88-74-4	GH	07/22/96
8270B	DIMETHYL PHTHALATE	\$06013	Below MDL	399	ug/Kg	1.0	131-11-3	GH	07/22/96
8270B	ACENAPHTHYLENE	\$06013	Below MDL	399	ug/Kg	1.0	208-96-8	GH	07/22/96
8270B	2,6-DINITROTOLUENE	\$06013	Below MDL	399	ug/Kg	1.0	606-20-2	GH	07/22/96
8270B	3-NITROANILINE	\$06013	Below MDL	399	ug/Kg	1.0	99-09-2	GH	07/22/96
8270B	ACENAPHTHENE	\$06013	Below MDL	399	ug/Kg	1.0	83-32-9	GH	07/22/96
8270B	2,4-DINITROPHENOL	\$06013	Below MDL	1995	ug/Kg	1.0	51-28-5	GH	07/22/96
8270B	4-NITROPHENOL	\$06013	Below MDL	1995	ug/Kg	1.0	100-02-7	GH	07/22/96
8270B	DIBENZOFURAN	\$06013	Below MDL	399	ug/Kg	1.0	132-64-9	GH	07/22/96
8270B	2,4-DINITROTOLUENE	\$06013	Below MDL	399	ug/Kg	1.0	121-14-2	GH	07/22/96
8270B	DIETHYL PHTHALATE	\$06013	Below MDL	399	ug/Kg	1.0	84-68-2	GH	07/22/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06013	Below MDL	399	ug/Kg	1.0	7005-72-3	GH	07/22/96
8270B	FLUORENE	\$06013	Below MDL	399	ug/Kg	1.0	86-73-7	GH	07/22/96
8270B	4-NITROANILINE	\$06013	Below MDL	399	ug/Kg	1.0	100-01-6	GH	07/22/96
8270B	2-METHYL-4,6-DINITROPHENOL	\$06013	Below MDL	1965	ug/Kg	1.0	534-52-1	GH	07/22/96
8270B	N-NITROSODIPHENYLAMINE	\$06013	Below MDL	399	ug/Kg	1.0	88-30-6	GH	07/22/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06013	Below MDL	399	ug/Kg	1.0	101-55-3	GH	07/22/96
8270B	HEXACHLOROBENZENE	\$06013	Below MDL	399	ug/Kg	1.0	118-74-1	GH	07/22/96
8270B	PENTACHLOROPHENOL	\$06013	Below MDL	1965	ug/Kg	1.0	87-86-5	GH	07/22/96
8270B	PHENANTHRENE	\$06013	Below MDL	399	ug/Kg	1.0	85-01-8	GH	07/22/96
8270B	ANTHRACENE	\$06013	Below MDL	399	ug/Kg	1.0	120-12-7	GH	07/22/96
8270B	DI-N-BUTYL PHTHALATE	\$06013	Below MDL	399	ug/Kg	1.0	84-74-2	GH	07/22/96
8270B	FLUORANTHENE	\$06013	Below MDL	399	ug/Kg	1.0	206-44-0	GH	07/22/96
8270B	PYRENE	\$06013	Below MDL	399	ug/Kg	1.0	129-00-0	GH	07/22/96
8270B	BUTYL BENZYL PHTHALATE	\$06013	Below MDL	399	ug/Kg	1.0	85-68-7	GH	07/22/96
8270B	3,3'-DICHLOROBENZIDINE	\$06013	Below MDL	798	ug/Kg	1.0	91-94-1	GH	07/22/96
8270B	BENZO(A)ANTHRACENE	\$06013	Below MDL	399	ug/Kg	1.0	56-55-3	GH	07/22/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06013	Below MDL	399	ug/Kg	1.0	117-81-7	GH	07/22/96
8270B	CHRYSENE	\$06013	Below MDL	399	ug/Kg	1.0	218-01-9	GH	07/22/96
8270B	DI-N-OCTYL PHTHALATE	\$06013	Below MDL	399	ug/Kg	1.0	117-84-0	GH	07/22/96
8270B	BENZO(B)FLUORANTHENE	\$06013	Below MDL	399	ug/Kg	1.0	205-99-2	GH	07/22/96
8270B	BENZO(K)FLUORANTHENE	\$06013	Below MDL	399	ug/Kg	1.0	207-08-9	GH	07/22/96
8270B	BENZO(A)PYRENE	\$06013	Below MDL	399	ug/Kg	1.0	50-32-8	GH	07/22/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06013	Below MDL	399	ug/Kg	1.0	193-39-5	GH	07/22/96
8270B	DIBENZO(A,H)ANTHRACENE	\$06013	Below MDL	399	ug/Kg	1.0	53-70-3	GH	07/22/96
8270B	BENZO(G,H,I)PERYLENE	\$06013	Below MDL	399	ug/Kg	1.0	191-24-2	GH	07/22/96
8270B	2-FLUOROPHENOL (SURR)	\$06013	44	%	REC	1.0	367-12-4	GH	07/22/96
8270B	PHENOL-D5 (SURR)	\$06013	59	%	REC	1.0	13127-88-3	GH	07/22/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	50	%	REC	1.0	4165-60-0	GH	07/22/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	70	%	REC	1.0	321-60-8	GH	07/22/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	72	%	REC	1.0	118-79-6	GH	07/22/96
8270B	TERPHENYL-D14 (SURR)	\$06013	81	%	REC	1.0	1718-51-0	GH	07/22/96
8270B	CARBAZOLE	\$06013	Below MDL	399	ug/Kg	1.0	86-74-8	GH	07/22/96

BTEX (GC) SOIL

Prep Date 07/15/96

Batch 071596BS

Lab Sample ID AB35667
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/01/96 14:00

Client Site # 29450
 Client Sample # #118 T- 1-S1

IOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
Sample Comment Results are reported on a dry weight basis.									
BTEX (GC) SOIL				Prep Date 07/15/96			Batch 071596BS		
8020A	BENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	71-43-2	DTA	07/16/96
8020A	TOLUENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-88-3	DTA	07/16/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	100-41-4	DTA	07/16/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.2	ug/Kg	1.0	1330-20-7	DTA	07/16/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	50	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	46	%	REC	1.0	480-00-4	DTA	07/16/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-90-7	DTA	07/16/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	95-50-1	DTA	07/16/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	541-73-1	DTA	07/16/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	106-46-7	DTA	07/16/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.2	ug/Kg	1.0	1634-04-4	DTA	07/16/96
TPH DRO (FID) SOIL				Prep Date 07/17/96			Batch 0718960002		
8015A	DIESEL RANGE ORGANICS (DRO)	\$08009	Below MDL	12	mg/Kg	1.0		DTA	07/24/96
8015A	O-TERPHENYL (SURR)	\$08009	86	%	REC	1.0		DTA	07/24/96
				Prep Date 07/12/96			Batch 071296		
160.3	% TOTAL SOLIDS SOIL (N/C)	09099	82.7	0.1	%	1.0		MN	07/12/96

Lab Sample ID AB35668
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/01/96 17:30

Client Site # 29451
 Client Sample # #22 T- 1-S1

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
Sample Comment Results are reported on a dry weight basis.									
SEMI (GC/MS) SOIL				Prep Date 07/16/96			Batch 0717960002		
8270B	PHENOL	\$06013	Below MDL	395	ug/Kg	1.0	108-95-2	GH	07/19/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06013	Below MDL	395	ug/Kg	1.0	111-44-4	GH	07/19/96
8270B	2-CHLOROPHENOL	\$06013	Below MDL	395	ug/Kg	1.0	95-57-8	GH	07/19/96
8270B	1,3-DICHLOROBENZENE	\$06013	Below MDL	395	ug/Kg	1.0	541-73-1	GH	07/19/96
8270B	1,4-DICHLOROBENZENE	\$06013	Below MDL	395	ug/Kg	1.0	106-46-7	GH	07/19/96
8270B	1,2-DICHLOROBENZENE	\$06013	Below MDL	395	ug/Kg	1.0	95-50-1	GH	07/19/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06013	Below MDL	395	ug/Kg	1.0	108-60-1	GH	07/19/96
8270B	2-METHYLPHENOL	\$06013	Below MDL	395	ug/Kg	1.0	95-48-7	GH	07/19/96
8270B	4-METHYLPHENOL	\$06013	Below MDL	395	ug/Kg	1.0	106-44-5	GH	07/19/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06013	Below MDL	395	ug/Kg	1.0	621-94-7	GH	07/19/96
8270B	HEXACHLOROETHANE	\$06013	Below MDL	395	ug/Kg	1.0	67-72-1	GH	07/19/96
8270B	NITROBENZENE	\$06013	Below MDL	395	ug/Kg	1.0	98-95-3	GH	07/19/96
8270B	ISOPHORONE	\$06013	Below MDL	395	ug/Kg	1.0	78-59-1	GH	07/19/96
8270B	2-NITROPHENOL	\$06013	Below MDL	790	ug/Kg	1.0	88-75-5	GH	07/19/96
8270B	2,4-DIMETHYLPHENOL	\$06013	Below MDL	395	ug/Kg	1.0	105-67-9	GH	07/19/96

Lab Sample ID AB35668
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/01/96 17:30

Client Site # 29451
 Client Sample # #22 T- 1-S1

IOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	BIS(2-CHLOROETHOXY)METHANE	\$06013	Below MDL	395	ug/Kg	1.0	111-91-1	GH	07/19/96
8270B	2,4-DICHLOROPHENOL	\$06013	Below MDL	395	ug/Kg	1.0	120-83-2	GH	07/19/96
8270B	1,2,4-TRICHLOROBENZENE	\$06013	Below MDL	395	ug/Kg	1.0	120-82-1	GH	07/19/96
8270B	NAPHTHALENE	\$06013	Below MDL	395	ug/Kg	1.0	91-20-3	GH	07/19/96
8270B	4-CHLOROANILINE	\$06013	Below MDL	395	ug/Kg	1.0	108-47-8	GH	07/19/96
8270B	HEXACHLOROBUTADIENE	\$06013	Below MDL	395	ug/Kg	1.0	87-68-3	GH	07/19/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06013	Below MDL	790	ug/Kg	1.0	59-50-7	GH	07/19/96
8270B	2-METHYLNAPHTHALENE	\$06013	Below MDL	395	ug/Kg	1.0	91-57-8	GH	07/19/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06013	Below MDL	395	ug/Kg	1.0	77-47-4	GH	07/19/96
8270B	2,4,6-TRICHLOROPHENOL	\$06013	Below MDL	395	ug/Kg	1.0	88-08-2	GH	07/19/96
8270B	2,4,5-TRICHLOROPHENOL	\$06013	Below MDL	395	ug/Kg	1.0	95-95-4	GH	07/19/96
8270B	2-CHLORONAPHTHALENE	\$06013	Below MDL	395	ug/Kg	1.0	91-58-7	GH	07/19/96
8270B	2-NITROANILINE	\$06013	Below MDL	395	ug/Kg	1.0	88-74-4	GH	07/19/96
8270B	DIMETHYL PHTHALATE	\$06013	Below MDL	395	ug/Kg	1.0	131-11-3	GH	07/19/96
8270B	ACENAPHTHYLENE	\$06013	Below MDL	395	ug/Kg	1.0	208-98-8	GH	07/19/96
8270B	2,6-DINITROTOLUENE	\$06013	Below MDL	395	ug/Kg	1.0	808-20-2	GH	07/19/96
8270B	3-NITROANILINE	\$06013	Below MDL	395	ug/Kg	1.0	99-09-2	GH	07/19/96
8270B	ACENAPHTHENE	\$06013	Below MDL	395	ug/Kg	1.0	83-32-9	GH	07/19/96
8270B	2,4-DINITROPHENOL	\$06013	Below MDL	1976	ug/Kg	1.0	51-28-5	GH	07/19/96
8270B	4-NITROPHENOL	\$06013	Below MDL	1976	ug/Kg	1.0	100-02-7	GH	07/19/96
8270B	DIBENZOFURAN	\$06013	Below MDL	395	ug/Kg	1.0	132-84-9	GH	07/19/96
8270B	2,4-DINITROTOLUENE	\$06013	Below MDL	395	ug/Kg	1.0	121-14-2	GH	07/19/96
8270B	DIETHYL PHTHALATE	\$06013	Below MDL	395	ug/Kg	1.0	84-66-2	GH	07/19/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06013	Below MDL	395	ug/Kg	1.0	7005-72-3	GH	07/19/96
8270B	FLUORENE	\$06013	Below MDL	395	ug/Kg	1.0	86-73-7	GH	07/19/96
8270B	4-NITROANILINE	\$06013	Below MDL	395	ug/Kg	1.0	100-01-6	GH	07/19/96
8270B	2-METHYL-4,6-DINITROPHENOL	\$06013	Below MDL	1976	ug/Kg	1.0	534-52-1	GH	07/19/96
8270B	N-NITROSODIPHENYLAMINE	\$06013	Below MDL	395	ug/Kg	1.0	86-30-6	GH	07/19/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06013	Below MDL	395	ug/Kg	1.0	101-55-3	GH	07/19/96
8270B	HEXACHLOROBENZENE	\$06013	Below MDL	395	ug/Kg	1.0	118-74-1	GH	07/19/96
8270B	PENTACHLOROPHENOL	\$06013	Below MDL	1976	ug/Kg	1.0	87-88-5	GH	07/19/96
8270B	PHENANTHRENE	\$06013	Below MDL	395	ug/Kg	1.0	85-01-8	GH	07/19/96
8270B	ANTHRACENE	\$06013	Below MDL	395	ug/Kg	1.0	120-12-7	GH	07/19/96
8270B	DI-N-BUTYL PHTHALATE	\$06013	Below MDL	395	ug/Kg	1.0	84-74-2	GH	07/19/96
8270B	FLUORANTHENE	\$06013	Below MDL	395	ug/Kg	1.0	206-44-0	GH	07/19/96
8270B	PYRENE	\$06013	Below MDL	395	ug/Kg	1.0	129-00-0	GH	07/19/96
8270B	BUTYL BENZYL PHTHALATE	\$06013	Below MDL	395	ug/Kg	1.0	85-68-7	GH	07/19/96
8270B	3,3'-DICHLOROBENZIDINE	\$06013	Below MDL	790	ug/Kg	1.0	91-94-1	GH	07/19/96
8270B	BENZO(A)ANTHRACENE	\$06013	Below MDL	395	ug/Kg	1.0	56-55-3	GH	07/19/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06013	Below MDL	395	ug/Kg	1.0	117-81-7	GH	07/19/96
8270B	CHRYSENE	\$06013	Below MDL	395	ug/Kg	1.0	218-01-9	GH	07/19/96
8270B	DI-N-OCTYL PHTHALATE	\$06013	Below MDL	395	ug/Kg	1.0	117-84-0	GH	07/19/96
8270B	BENZO(B)FLUORANTHENE	\$06013	Below MDL	395	ug/Kg	1.0	205-99-2	GH	07/19/96
8270B	BENZO(K)FLUORANTHENE	\$06013	Below MDL	395	ug/Kg	1.0	207-08-9	GH	07/19/96

Lab Sample ID AB35668
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/01/96 17:30

Client Site # 29451
 Client Sample # #22 T- 1-S1

OD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	BENZO(A)PYRENE	\$06013	Below MDL	395	ug/Kg	1.0	50-32-8	GH	07/19/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06013	Below MDL	395	ug/Kg	1.0	193-39-5	GH	07/19/96
8270B	DIBENZO(A,H)ANTHRACENE	\$06013	Below MDL	395	ug/Kg	1.0	53-70-3	GH	07/19/96
8270B	BENZO(G,H,I)PERYLENE	\$06013	Below MDL	395	ug/Kg	1.0	191-24-2	GH	07/19/96
8270B	2-FLUOROPHENOL (SURR)	\$06013	45	%	REC	1.0	367-12-4	GH	07/19/96
8270B	PHENOL-D5 (SURR)	\$06013	55	%	REC	1.0	13127-88-3	GH	07/19/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	46	%	REC	1.0	4165-80-0	GH	07/19/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	59	%	REC	1.0	321-80-8	GH	07/19/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	62	%	REC	1.0	118-79-6	GH	07/19/96
8270B	TERPHENYL-D14 (SURR)	\$06013	62	%	REC	1.0	1718-51-0	GH	07/19/96
8270B	CARBAZOLE	\$06013	Below MDL	395	ug/Kg	1.0	86-74-8	GH	07/19/96

BTEX (GC) SOIL

Prep Date 07/15/96

Batch 071596BS

8020A	BENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	71-43-2	DTA	07/16/96
8020A	TOLUENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-88-3	DTA	07/16/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	100-41-4	DTA	07/16/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.2	ug/Kg	1.0	1330-20-7	DTA	07/16/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	42	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	26	%	REC	1.0	460-00-4	DTA	07/16/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-90-7	DTA	07/16/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	95-50-1	DTA	07/16/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	541-73-1	DTA	07/16/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	106-46-7	DTA	07/16/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.2	ug/Kg	1.0	1634-04-4	DTA	07/16/96

Prep Date 07/17/96

Batch 071796B

9071A	TRPH 9071A SOIL	08041	Below MDL	12	mg/Kg	1.0		ML	07/17/96
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Prep Date 07/12/96

Batch 071296

160.3	% TOTAL SOLIDS SOIL (N/C)	09099	83.5	0.1	%	1.0		MN	07/12/96
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Lab Sample ID AB35669
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/01/96 17:40

Client Site # 29452
 Client Sample # #22 T- 1-S2

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	PHENOL	\$06013	Below MDL	385	ug/Kg	1.0	108-95-2	GH	07/20/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06013	Below MDL	385	ug/Kg	1.0	111-44-4	GH	07/20/96
8270B	2-CHLOROPHENOL	\$06013	Below MDL	385	ug/Kg	1.0	95-57-8	GH	07/20/96

Lab Sample ID AB35669
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/01/96 17:40

Client Site # 29452
 Client Sample # #22 T- 1-S2

OD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	1,3-DICHLOROBENZENE	\$06013	Below MDL	385	ug/Kg	1.0	541-73-1	GH	07/20/96
8270B	1,4-DICHLOROBENZENE	\$06013	Below MDL	385	ug/Kg	1.0	106-46-7	GH	07/20/96
8270B	1,2-DICHLOROBENZENE	\$06013	Below MDL	385	ug/Kg	1.0	95-50-1	GH	07/20/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06013	Below MDL	385	ug/Kg	1.0	108-80-1	GH	07/20/96
8270B	2-METHYLPHENOL	\$06013	Below MDL	385	ug/Kg	1.0	95-48-7	GH	07/20/96
8270B	4-METHYLPHENOL	\$06013	Below MDL	385	ug/Kg	1.0	106-44-5	GH	07/20/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06013	Below MDL	385	ug/Kg	1.0	621-64-7	GH	07/20/96
8270B	HEXACHLOROETHANE	\$06013	Below MDL	385	ug/Kg	1.0	67-72-1	GH	07/20/96
8270B	NITROBENZENE	\$06013	Below MDL	385	ug/Kg	1.0	98-95-3	GH	07/20/96
8270B	ISOPHORONE	\$06013	Below MDL	385	ug/Kg	1.0	78-59-1	GH	07/20/96
8270B	2-NITROPHENOL	\$06013	Below MDL	770	ug/Kg	1.0	88-75-5	GH	07/20/96
8270B	2,4-DIMETHYLPHENOL	\$06013	Below MDL	385	ug/Kg	1.0	105-87-9	GH	07/20/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06013	Below MDL	385	ug/Kg	1.0	111-91-1	GH	07/20/96
8270B	2,4-DICHLOROPHENOL	\$06013	Below MDL	385	ug/Kg	1.0	120-83-2	GH	07/20/96
8270B	1,2,4-TRICHLOROBENZENE	\$06013	Below MDL	385	ug/Kg	1.0	120-82-1	GH	07/20/96
8270B	NAPHTHALENE	\$06013	Below MDL	385	ug/Kg	1.0	91-20-3	GH	07/20/96
8270B	4-CHLOROANILINE	\$06013	Below MDL	385	ug/Kg	1.0	106-47-8	GH	07/20/96
8270B	HEXACHLOROBUTADIENE	\$06013	Below MDL	385	ug/Kg	1.0	87-68-3	GH	07/20/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06013	Below MDL	770	ug/Kg	1.0	59-50-7	GH	07/20/96
8270B	2-METHYLNAPHTHALENE	\$06013	Below MDL	385	ug/Kg	1.0	91-57-6	GH	07/20/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06013	Below MDL	385	ug/Kg	1.0	77-47-4	GH	07/20/96
8270B	2,4,6-TRICHLOROPHENOL	\$06013	Below MDL	385	ug/Kg	1.0	88-06-2	GH	07/20/96
8270B	2,4,5-TRICHLOROPHENOL	\$06013	Below MDL	385	ug/Kg	1.0	95-95-4	GH	07/20/96
8270B	2-CHLORONAPHTHALENE	\$06013	Below MDL	385	ug/Kg	1.0	91-58-7	GH	07/20/96
8270B	2-NITROANILINE	\$06013	Below MDL	385	ug/Kg	1.0	88-74-4	GH	07/20/96
8270B	DIMETHYL PHTHALATE	\$06013	Below MDL	385	ug/Kg	1.0	131-11-3	GH	07/20/96
8270B	ACENAPHTHYLENE	\$06013	Below MDL	385	ug/Kg	1.0	208-96-8	GH	07/20/96
8270B	2,6-DINITROTOLUENE	\$06013	Below MDL	385	ug/Kg	1.0	606-20-2	GH	07/20/96
8270B	3-NITROANILINE	\$06013	Below MDL	385	ug/Kg	1.0	99-09-2	GH	07/20/96
8270B	ACENAPHTHENE	\$06013	Below MDL	385	ug/Kg	1.0	83-32-9	GH	07/20/96
8270B	2,4-DINITROPHENOL	\$06013	Below MDL	1925	ug/Kg	1.0	51-28-5	GH	07/20/96
8270B	4-NITROPHENOL	\$06013	Below MDL	1925	ug/Kg	1.0	100-02-7	GH	07/20/96
8270B	DIBENZOFURAN	\$06013	Below MDL	385	ug/Kg	1.0	132-64-9	GH	07/20/96
8270B	2,4-DINITROTOLUENE	\$06013	Below MDL	385	ug/Kg	1.0	121-14-2	GH	07/20/96
8270B	DIETHYL PHTHALATE	\$06013	Below MDL	385	ug/Kg	1.0	84-66-2	GH	07/20/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06013	Below MDL	385	ug/Kg	1.0	7005-72-3	GH	07/20/96
8270B	FLUORENE	\$06013	Below MDL	385	ug/Kg	1.0	86-73-7	GH	07/20/96
8270B	4-NITROANILINE	\$06013	Below MDL	385	ug/Kg	1.0	100-01-6	GH	07/20/96
8270B	2-METHYL-4,6-DINITROPHENOL	\$06013	Below MDL	1925	ug/Kg	1.0	534-52-1	GH	07/20/96
8270B	N-NITROSODIPHENYLAMINE	\$06013	Below MDL	385	ug/Kg	1.0	86-30-6	GH	07/20/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06013	Below MDL	385	ug/Kg	1.0	101-55-3	GH	07/20/96
8270B	HEXACHLOROBENZENE	\$06013	Below MDL	385	ug/Kg	1.0	118-74-1	GH	07/20/96
8270B	PENTACHLOROPHENOL	\$06013	Below MDL	1925	ug/Kg	1.0	87-86-5	GH	07/20/96
8270B	PHENANTHRENE	\$06013	Below MDL	385	ug/Kg	1.0	85-01-8	GH	07/20/96

Lab Sample ID AB35669
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/01/96 17:40

Client Site # 29452
 Client Sample # #22 T- 1-S2

JD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
Sample Comment Results are reported on a dry weight basis.									
SEMI (GC/MS) SOIL									
				Prep Date 07/16/96			Batch 0717960002		
8270B	ANTHRACENE	\$06013	Below MDL	385	ug/Kg	1.0	120-12-7	GH	07/20/96
8270B	DI-N-BUTYL PHTHALATE	\$06013	Below MDL	385	ug/Kg	1.0	84-74-2	GH	07/20/96
8270B	FLUORANTHENE	\$06013	Below MDL	385	ug/Kg	1.0	206-44-0	GH	07/20/96
8270B	PYRENE	\$06013	Below MDL	385	ug/Kg	1.0	129-00-0	GH	07/20/96
8270B	BUTYL BENZYL PHTHALATE	\$06013	Below MDL	385	ug/Kg	1.0	85-68-7	GH	07/20/96
8270B	3,3'-DICHLOROBENZIDINE	\$06013	Below MDL	770	ug/Kg	1.0	91-94-1	GH	07/20/96
8270B	BENZO(A)ANTHRACENE	\$06013	Below MDL	385	ug/Kg	1.0	56-55-3	GH	07/20/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06013	Below MDL	385	ug/Kg	1.0	117-81-7	GH	07/20/96
8270B	CHRYSENE	\$06013	Below MDL	385	ug/Kg	1.0	218-01-9	GH	07/20/96
8270B	DI-N-OCTYL PHTHALATE	\$06013	Below MDL	385	ug/Kg	1.0	117-84-0	GH	07/20/96
8270B	BENZO(B)FLUORANTHENE	\$06013	Below MDL	385	ug/Kg	1.0	205-99-2	GH	07/20/96
8270B	BENZO(K)FLUORANTHENE	\$06013	Below MDL	385	ug/Kg	1.0	207-08-9	GH	07/20/96
8270B	BENZO(A)PYRENE	\$06013	Below MDL	385	ug/Kg	1.0	50-32-8	GH	07/20/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06013	Below MDL	385	ug/Kg	1.0	193-39-5	GH	07/20/96
8270B	DIBENZO(A,H)ANTHRACENE	\$06013	Below MDL	385	ug/Kg	1.0	53-70-3	GH	07/20/96
8270B	BENZO(G,H,I)PERYLENE	\$06013	Below MDL	385	ug/Kg	1.0	191-24-2	GH	07/20/96
8270B	2-FLUOROPHENOL (SURR)	\$06013	39	%	REC	1.0	367-12-4	GH	07/20/96
8270B	PHENOL-D5 (SURR)	\$06013	44	%	REC	1.0	13127-88-3	GH	07/20/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	44	%	REC	1.0	4165-60-0	GH	07/20/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	45	%	REC	1.0	321-60-8	GH	07/20/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	48	%	REC	1.0	118-79-6	GH	07/20/96
8270B	TERPHENYL-D14 (SURR)	\$06013	58	%	REC	1.0	1718-51-0	GH	07/20/96
8270B	CARBAZOLE	\$06013	Below MDL	385	ug/Kg	1.0	86-74-8	GH	07/20/96
BTEX (GC) SOIL									
				Prep Date 07/15/96			Batch 071596BS		
8020A	BENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	71-43-2	DTA	07/16/96
8020A	TOLUENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-88-3	DTA	07/16/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	100-41-4	DTA	07/16/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.2	ug/Kg	1.0	1330-20-7	DTA	07/16/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	81	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	80	%	REC	1.0	460-00-4	DTA	07/16/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-90-7	DTA	07/16/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	95-50-1	DTA	07/16/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	541-73-1	DTA	07/16/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	106-46-7	DTA	07/16/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.2	ug/Kg	1.0	1634-04-4	DTA	07/16/96
				Prep Date 07/17/96			Batch 071796B		
9071A	TRPH 9071A SOIL	08041	Below MDL	12	mg/Kg	1.0		ML	07/17/96
				Prep Date 07/12/96			Batch 071296		
160.3	% TOTAL SOLIDS SOIL (N/C)	09099	85.7	0.1	%	1.0		MN	07/12/96

Lab Sample ID AB35670
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/01/96 17:50

Client Site # 29453
 Client Sample # #22 T- 1-S3

IOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	PHENOL	\$06013	Below MDL	390	ug/Kg	1.0	108-95-2	GH	07/22/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06013	Below MDL	390	ug/Kg	1.0	111-44-4	GH	07/22/96
8270B	2-CHLOROPHENOL	\$06013	Below MDL	390	ug/Kg	1.0	95-57-8	GH	07/22/96
8270B	1,3-DICHLOROBENZENE	\$06013	Below MDL	390	ug/Kg	1.0	541-73-1	GH	07/22/96
8270B	1,4-DICHLOROBENZENE	\$06013	Below MDL	390	ug/Kg	1.0	108-46-7	GH	07/22/96
8270B	1,2-DICHLOROBENZENE	\$06013	Below MDL	390	ug/Kg	1.0	95-50-1	GH	07/22/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06013	Below MDL	390	ug/Kg	1.0	108-60-1	GH	07/22/96
8270B	2-METHYLPHENOL	\$06013	Below MDL	390	ug/Kg	1.0	95-48-7	GH	07/22/96
8270B	4-METHYLPHENOL	\$06013	Below MDL	390	ug/Kg	1.0	106-44-5	GH	07/22/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06013	Below MDL	390	ug/Kg	1.0	621-64-7	GH	07/22/96
8270B	HEXACHLOROETHANE	\$06013	Below MDL	390	ug/Kg	1.0	67-72-1	GH	07/22/96
8270B	NITROBENZENE	\$06013	Below MDL	390	ug/Kg	1.0	98-95-3	GH	07/22/96
8270B	ISOPHORONE	\$06013	Below MDL	390	ug/Kg	1.0	78-59-1	GH	07/22/96
8270B	2-NITROPHENOL	\$06013	Below MDL	779	ug/Kg	1.0	88-75-5	GH	07/22/96
8270B	2,4-DIMETHYLPHENOL	\$06013	Below MDL	390	ug/Kg	1.0	105-67-9	GH	07/22/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06013	Below MDL	390	ug/Kg	1.0	111-91-1	GH	07/22/96
8270B	2,4-DICHLOROPHENOL	\$06013	Below MDL	390	ug/Kg	1.0	120-83-2	GH	07/22/96
8270B	1,2,4-TRICHLOROBENZENE	\$06013	Below MDL	390	ug/Kg	1.0	120-82-1	GH	07/22/96
8270B	NAPHTHALENE	\$06013	Below MDL	390	ug/Kg	1.0	91-20-3	GH	07/22/96
8270B	4-CHLOROANILINE	\$06013	Below MDL	390	ug/Kg	1.0	106-47-8	GH	07/22/96
8270B	HEXACHLOROBUTADIENE	\$06013	Below MDL	390	ug/Kg	1.0	87-68-3	GH	07/22/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06013	Below MDL	779	ug/Kg	1.0	59-50-7	GH	07/22/96
8270B	2-METHYLNAPHTHALENE	\$06013	Below MDL	390	ug/Kg	1.0	91-57-6	GH	07/22/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06013	Below MDL	390	ug/Kg	1.0	77-47-4	GH	07/22/96
8270B	2,4,6-TRICHLOROPHENOL	\$06013	Below MDL	390	ug/Kg	1.0	88-06-2	GH	07/22/96
8270B	2,4,5-TRICHLOROPHENOL	\$06013	Below MDL	390	ug/Kg	1.0	95-95-4	GH	07/22/96
8270B	2-CHLORONAPHTHALENE	\$06013	Below MDL	390	ug/Kg	1.0	91-58-7	GH	07/22/96
8270B	2-NITROANILINE	\$06013	Below MDL	390	ug/Kg	1.0	88-74-4	GH	07/22/96
8270B	DIMETHYL PHTHALATE	\$06013	Below MDL	390	ug/Kg	1.0	131-11-3	GH	07/22/96
8270B	ACENAPHTHYLENE	\$06013	Below MDL	390	ug/Kg	1.0	208-96-8	GH	07/22/96
8270B	2,6-DINITROTOLUENE	\$06013	Below MDL	390	ug/Kg	1.0	608-20-2	GH	07/22/96
8270B	3-NITROANILINE	\$06013	Below MDL	390	ug/Kg	1.0	99-09-2	GH	07/22/96
8270B	ACENAPHTHENE	\$06013	Below MDL	390	ug/Kg	1.0	83-32-9	GH	07/22/96
8270B	2,4-DINITROPHENOL	\$06013	Below MDL	1948	ug/Kg	1.0	51-28-5	GH	07/22/96
8270B	4-NITROPHENOL	\$06013	Below MDL	1948	ug/Kg	1.0	100-02-7	GH	07/22/96
8270B	DIBENZOFURAN	\$06013	Below MDL	390	ug/Kg	1.0	132-64-9	GH	07/22/96
8270B	2,4-DINITROTOLUENE	\$06013	Below MDL	390	ug/Kg	1.0	121-14-2	GH	07/22/96
8270B	DIETHYL PHTHALATE	\$06013	Below MDL	390	ug/Kg	1.0	84-66-2	GH	07/22/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06013	Below MDL	390	ug/Kg	1.0	7005-72-3	GH	07/22/96
8270B	FLUORENE	\$06013	Below MDL	390	ug/Kg	1.0	86-73-7	GH	07/22/96
8270B	4-NITROANILINE	\$06013	Below MDL	390	ug/Kg	1.0	100-01-6	GH	07/22/96
8270B	2-METHYL-4,6-DINITROPHENOL	\$06013	Below MDL	1948	ug/Kg	1.0	534-52-1	GH	07/22/96
8270B	N-NITROSODIPHENYLAMINE	\$06013	Below MDL	390	ug/Kg	1.0	86-30-6	GH	07/22/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06013	Below MDL	390	ug/Kg	1.0	101-55-3	GH	07/22/96

Lab Sample ID AB35670
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/01/96 17:50

Client Site # 29453
 Client Sample # #22 T-1-S3

JD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	HEXACHLOROBENZENE	\$06013	Below MDL	390	ug/Kg	1.0	118-74-1	GH	07/22/96
8270B	PENTACHLOROPHENOL	\$06013	Below MDL	1948	ug/Kg	1.0	87-86-5	GH	07/22/96
8270B	PHENANTHRENE	\$06013	Below MDL	390	ug/Kg	1.0	85-01-8	GH	07/22/96
8270B	ANTHRACENE	\$06013	Below MDL	390	ug/Kg	1.0	120-12-7	GH	07/22/96
8270B	DI-N-BUTYL PHTHALATE	\$06013	Below MDL	390	ug/Kg	1.0	84-74-2	GH	07/22/96
8270B	FLUORANTHENE	\$06013	Below MDL	390	ug/Kg	1.0	208-44-0	GH	07/22/96
8270B	PYRENE	\$06013	Below MDL	390	ug/Kg	1.0	129-00-0	GH	07/22/96
8270B	BUTYL BENZYL PHTHALATE	\$06013	Below MDL	390	ug/Kg	1.0	85-68-7	GH	07/22/96
8270B	3,3'-DICHLOROBENZIDINE	\$06013	Below MDL	779	ug/Kg	1.0	91-94-1	GH	07/22/96
8270B	BENZO(A)ANTHRACENE	\$06013	Below MDL	390	ug/Kg	1.0	56-55-3	GH	07/22/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06013	Below MDL	390	ug/Kg	1.0	117-81-7	GH	07/22/96
8270B	CHRYSENE	\$06013	Below MDL	390	ug/Kg	1.0	218-01-9	GH	07/22/96
8270B	DI-N-OCTYL PHTHALATE	\$06013	Below MDL	390	ug/Kg	1.0	117-84-0	GH	07/22/96
8270B	BENZO(B)FLUORANTHENE	\$06013	Below MDL	390	ug/Kg	1.0	205-99-2	GH	07/22/96
8270B	BENZO(K)FLUORANTHENE	\$06013	Below MDL	390	ug/Kg	1.0	207-08-9	GH	07/22/96
8270B	BENZO(A)PYRENE	\$06013	Below MDL	390	ug/Kg	1.0	50-32-8	GH	07/22/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06013	Below MDL	390	ug/Kg	1.0	193-39-5	GH	07/22/96
8270B	DIBENZO(A,H)ANTHRACENE	\$06013	Below MDL	390	ug/Kg	1.0	53-70-3	GH	07/22/96
8270B	BENZO(G,H,I)PERYLENE	\$06013	Below MDL	390	ug/Kg	1.0	191-24-2	GH	07/22/96
8270B	2-FLUOROPHENOL (SURR)	\$06013	42	%	REC	1.0	367-12-4	GH	07/22/96
8270B	PHENOL-D5 (SURR)	\$06013	51	%	REC	1.0	13127-88-3	GH	07/22/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	45	%	REC	1.0	4165-60-0	GH	07/22/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	63	%	REC	1.0	321-60-8	GH	07/22/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	71	%	REC	1.0	118-79-6	GH	07/22/96
8270B	TERPHENYL-D14 (SURR)	\$06013	71	%	REC	1.0	1718-51-0	GH	07/22/96
8270B	CARBAZOLE	\$06013	Below MDL	390	ug/Kg	1.0	86-74-8	GH	07/22/96

BTEX (GC) SOIL

Prep Date 07/15/96

Batch 071596BS

8020A	BENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	71-43-2	DTA	07/16/96
8020A	TOLUENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-88-3	DTA	07/16/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	100-41-4	DTA	07/16/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.2	ug/Kg	1.0	1330-20-7	DTA	07/16/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	50	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	71	%	REC	1.0	460-00-4	DTA	07/16/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-90-7	DTA	07/16/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	95-50-1	DTA	07/16/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	541-73-1	DTA	07/16/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-46-7	DTA	07/16/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.2	ug/Kg	1.0	1634-04-4	DTA	07/16/96

Prep Date 07/17/96

Batch 071796B

9071A	TRPH 9071A SOIL	08041	Below MDL	12	mg/Kg	1.0		ML	07/17/96
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Prep Date 07/12/96

Batch 071296

160.3	% TOTAL SOLIDS SOIL (N/C)	09099	84.7	0.1	%	1.0		MN	07/12/96
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Lab Sample ID AB35671
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/02/96 08:20

Client Site # 29454
 Client Sample # #24 T- 1-S1

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	PHENOL	\$06013	Below MDL	382	ug/Kg	1.0	108-95-2	GH	07/22/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06013	Below MDL	382	ug/Kg	1.0	111-44-4	GH	07/22/96
8270B	2-CHLOROPHENOL	\$06013	Below MDL	382	ug/Kg	1.0	95-57-8	GH	07/22/96
8270B	1,3-DICHLOROBENZENE	\$06013	Below MDL	382	ug/Kg	1.0	541-73-1	GH	07/22/96
8270B	1,4-DICHLOROBENZENE	\$06013	Below MDL	382	ug/Kg	1.0	108-48-7	GH	07/22/96
8270B	1,2-DICHLOROBENZENE	\$06013	Below MDL	382	ug/Kg	1.0	95-50-1	GH	07/22/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06013	Below MDL	382	ug/Kg	1.0	108-60-1	GH	07/22/96
8270B	2-METHYLPHENOL	\$06013	Below MDL	382	ug/Kg	1.0	95-48-7	GH	07/22/96
8270B	4-METHYLPHENOL	\$06013	Below MDL	382	ug/Kg	1.0	106-44-5	GH	07/22/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06013	Below MDL	382	ug/Kg	1.0	621-64-7	GH	07/22/96
8270B	HEXACHLOROETHANE	\$06013	Below MDL	382	ug/Kg	1.0	87-72-1	GH	07/22/96
8270B	NITROBENZENE	\$06013	Below MDL	382	ug/Kg	1.0	98-95-3	GH	07/22/96
8270B	ISOPHORONE	\$06013	Below MDL	382	ug/Kg	1.0	78-59-1	GH	07/22/96
8270B	2-NITROPHENOL	\$06013	Below MDL	763	ug/Kg	1.0	88-75-5	GH	07/22/96
8270B	2,4-DIMETHYLPHENOL	\$06013	Below MDL	382	ug/Kg	1.0	105-67-9	GH	07/22/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06013	Below MDL	382	ug/Kg	1.0	111-91-1	GH	07/22/96
8270B	2,4-DICHLOROPHENOL	\$06013	Below MDL	382	ug/Kg	1.0	120-83-2	GH	07/22/96
8270B	1,2,4-TRICHLOROBENZENE	\$06013	Below MDL	382	ug/Kg	1.0	120-82-1	GH	07/22/96
8270B	NAPHTHALENE	\$06013	Below MDL	382	ug/Kg	1.0	91-20-3	GH	07/22/96
8270B	4-CHLOROANILINE	\$06013	Below MDL	382	ug/Kg	1.0	106-47-8	GH	07/22/96
8270B	HEXACHLOROBUTADIENE	\$06013	Below MDL	382	ug/Kg	1.0	87-68-3	GH	07/22/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06013	Below MDL	763	ug/Kg	1.0	59-50-7	GH	07/22/96
8270B	2-METHYLNAPHTHALENE	\$06013	Below MDL	382	ug/Kg	1.0	91-57-6	GH	07/22/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06013	Below MDL	382	ug/Kg	1.0	77-47-4	GH	07/22/96
8270B	2,4,6-TRICHLOROPHENOL	\$06013	Below MDL	382	ug/Kg	1.0	88-06-2	GH	07/22/96
8270B	2,4,5-TRICHLOROPHENOL	\$06013	Below MDL	382	ug/Kg	1.0	95-95-4	GH	07/22/96
8270B	2-CHLORONAPHTHALENE	\$06013	Below MDL	382	ug/Kg	1.0	91-58-7	GH	07/22/96
8270B	2-NITROANILINE	\$06013	Below MDL	382	ug/Kg	1.0	88-74-4	GH	07/22/96
8270B	DIMETHYL PHTHALATE	\$06013	Below MDL	382	ug/Kg	1.0	131-11-3	GH	07/22/96
8270B	ACENAPHTHYLENE	\$06013	Below MDL	382	ug/Kg	1.0	208-96-8	GH	07/22/96
8270B	2,6-DINITROTOLUENE	\$06013	Below MDL	382	ug/Kg	1.0	608-20-2	GH	07/22/96
8270B	3-NITROANILINE	\$06013	Below MDL	382	ug/Kg	1.0	98-09-2	GH	07/22/96
8270B	ACENAPHTHENE	\$06013	Below MDL	382	ug/Kg	1.0	83-32-9	GH	07/22/96
8270B	2,4-DINITROPHENOL	\$06013	Below MDL	1908	ug/Kg	1.0	51-28-5	GH	07/22/96
8270B	4-NITROPHENOL	\$06013	Below MDL	1908	ug/Kg	1.0	100-02-7	GH	07/22/96
8270B	DIBENZOFURAN	\$06013	Below MDL	382	ug/Kg	1.0	132-64-9	GH	07/22/96
8270B	2,4-DINITROTOLUENE	\$06013	Below MDL	382	ug/Kg	1.0	121-14-2	GH	07/22/96
8270B	DIETHYL PHTHALATE	\$06013	Below MDL	382	ug/Kg	1.0	84-66-2	GH	07/22/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06013	Below MDL	382	ug/Kg	1.0	7005-72-3	GH	07/22/96
8270B	FLUORENE	\$06013	Below MDL	382	ug/Kg	1.0	86-73-7	GH	07/22/96
8270B	4-NITROANILINE	\$06013	Below MDL	382	ug/Kg	1.0	100-01-6	GH	07/22/96
8270B	2-METHYL-4,6-DINITROPHENOL	\$06013	Below MDL	1908	ug/Kg	1.0	534-52-1	GH	07/22/96

Lab Sample ID AB35671
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/02/96 08:20

Client Site # 29454
 Client Sample # #24 T-1-S1

IOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	N-NITROSODIPHENYLAMINE	\$06013	Below MDL	382	ug/Kg	1.0	86-30-6	GH	07/22/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06013	Below MDL	382	ug/Kg	1.0	101-55-3	GH	07/22/96
8270B	HEXACHLOROBENZENE	\$06013	Below MDL	382	ug/Kg	1.0	118-74-1	GH	07/22/96
8270B	PENTACHLOROPHENOL	\$06013	Below MDL	1908	ug/Kg	1.0	87-88-5	GH	07/22/96
8270B	PHENANTHRENE	\$06013	Below MDL	382	ug/Kg	1.0	85-01-8	GH	07/22/96
8270B	ANTHRACENE	\$06013	Below MDL	382	ug/Kg	1.0	120-12-7	GH	07/22/96
8270B	DI-N-BUTYL PHTHALATE	\$06013	Below MDL	382	ug/Kg	1.0	84-74-2	GH	07/22/96
8270B	FLUORANTHENE	\$06013	Below MDL	382	ug/Kg	1.0	208-44-0	GH	07/22/96
8270B	PYRENE	\$06013	Below MDL	382	ug/Kg	1.0	129-00-0	GH	07/22/96
8270B	BUTYL BENZYL PHTHALATE	\$06013	Below MDL	382	ug/Kg	1.0	85-68-7	GH	07/22/96
8270B	3,3'-DICHLOROBENZIDINE	\$06013	Below MDL	763	ug/Kg	1.0	91-94-1	GH	07/22/96
8270B	BENZO(A)ANTHRACENE	\$06013	Below MDL	382	ug/Kg	1.0	56-55-3	GH	07/22/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06013	Below MDL	382	ug/Kg	1.0	117-81-7	GH	07/22/96
8270B	CHRYSENE	\$06013	Below MDL	382	ug/Kg	1.0	218-01-9	GH	07/22/96
8270B	DI-N-OCTYL PHTHALATE	\$06013	Below MDL	382	ug/Kg	1.0	117-84-0	GH	07/22/96
8270B	BENZO(B)FLUORANTHENE	\$06013	Below MDL	382	ug/Kg	1.0	205-99-2	GH	07/22/96
8270B	BENZO(K)FLUORANTHENE	\$06013	Below MDL	382	ug/Kg	1.0	207-08-9	GH	07/22/96
8270B	BENZO(A)PYRENE	\$06013	Below MDL	382	ug/Kg	1.0	50-32-8	GH	07/22/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06013	Below MDL	382	ug/Kg	1.0	193-39-5	GH	07/22/96
8270B	DIBENZO(A,H)ANTHRACENE	\$06013	Below MDL	382	ug/Kg	1.0	53-70-3	GH	07/22/96
8270B	BENZO(G,H,I)PERYLENE	\$06013	Below MDL	382	ug/Kg	1.0	191-24-2	GH	07/22/96
8270B	2-FLUOROPHENOL (SURR)	\$06013	40	%	REC	1.0	367-12-4	GH	07/22/96
8270B	PHENOL-D5 (SURR)	\$06013	50	%	REC	1.0	13127-88-3	GH	07/22/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	44	%	REC	1.0	4165-60-0	GH	07/22/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	60	%	REC	1.0	321-60-8	GH	07/22/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	62	%	REC	1.0	118-79-6	GH	07/22/96
8270B	TERPHENYL-D14 (SURR)	\$06013	67	%	REC	1.0	1718-51-0	GH	07/22/96
8270B	CARBAZOLE	\$06013	Below MDL	382	ug/Kg	1.0	86-74-8	GH	07/22/96

BTEX (GC) SOIL

Prep Date 07/16/96

Batch 071696BS

8020A	BENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	71-43-2	DTA	07/16/96
8020A	TOLUENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-88-3	DTA	07/16/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	100-41-4	DTA	07/16/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.2	ug/Kg	1.0	1330-20-7	DTA	07/16/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	73	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	79	%	REC	1.0	460-00-4	DTA	07/16/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-90-7	DTA	07/16/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	95-50-1	DTA	07/16/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	541-73-1	DTA	07/16/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	106-46-7	DTA	07/16/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.2	ug/Kg	1.0	1634-04-4	DTA	07/16/96

Prep Date 07/17/96

Batch 071796B

9071A	TRPH 9071A SOIL	08041	Below MDL	12	mg/Kg	1.0		ML	07/17/96
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160.3 % TOTAL SOLIDS SOIL (N/C)

09099

86.5

0.1 %

1.0

MN 07/12/96

Lab Sample ID AB35672

Client Site # 29455

t # 3996

Client Sample # #24 T- 1-S2

Project Name FT. STEWART

Sampling Date/Time 07/02/96 08:30

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	PHENOL	\$06013	Below MDL	400	ug/Kg	1.0	108-95-2	GH	07/19/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06013	Below MDL	400	ug/Kg	1.0	111-44-4	GH	07/19/96
8270B	2-CHLOROPHENOL	\$06013	Below MDL	400	ug/Kg	1.0	95-57-8	GH	07/19/96
8270B	1,3-DICHLOROBENZENE	\$06013	Below MDL	400	ug/Kg	1.0	541-73-1	GH	07/19/96
8270B	1,4-DICHLOROBENZENE	\$06013	Below MDL	400	ug/Kg	1.0	108-46-7	GH	07/19/96
8270B	1,2-DICHLOROBENZENE	\$06013	Below MDL	400	ug/Kg	1.0	95-50-1	GH	07/19/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06013	Below MDL	400	ug/Kg	1.0	108-60-1	GH	07/19/96
8270B	2-METHYLPHENOL	\$06013	Below MDL	400	ug/Kg	1.0	95-48-7	GH	07/19/96
8270B	4-METHYLPHENOL	\$06013	Below MDL	400	ug/Kg	1.0	106-44-5	GH	07/19/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06013	Below MDL	400	ug/Kg	1.0	621-64-7	GH	07/19/96
8270B	HEXACHLOROETHANE	\$06013	Below MDL	400	ug/Kg	1.0	87-72-1	GH	07/19/96
8270B	NITROBENZENE	\$06013	Below MDL	400	ug/Kg	1.0	98-95-3	GH	07/19/96
8270B	ISOPHORONE	\$06013	Below MDL	400	ug/Kg	1.0	78-59-1	GH	07/19/96
8270B	2-NITROPHENOL	\$06013	Below MDL	799	ug/Kg	1.0	88-75-5	GH	07/19/96
8270B	2,4-DIMETHYLPHENOL	\$06013	Below MDL	400	ug/Kg	1.0	105-67-9	GH	07/19/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06013	Below MDL	400	ug/Kg	1.0	111-91-1	GH	07/19/96
8270B	2,4-DICHLOROPHENOL	\$06013	Below MDL	400	ug/Kg	1.0	120-83-2	GH	07/19/96
8270B	1,2,4-TRICHLOROBENZENE	\$06013	Below MDL	400	ug/Kg	1.0	120-82-1	GH	07/19/96
8270B	NAPHTHALENE	\$06013	Below MDL	400	ug/Kg	1.0	91-20-3	GH	07/19/96
8270B	4-CHLOROANILINE	\$06013	Below MDL	400	ug/Kg	1.0	106-47-8	GH	07/19/96
8270B	HEXACHLOROBUTADIENE	\$06013	Below MDL	400	ug/Kg	1.0	87-68-3	GH	07/19/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06013	Below MDL	799	ug/Kg	1.0	59-50-7	GH	07/19/96
8270B	2-METHYLNAPHTHALENE	\$06013	Below MDL	400	ug/Kg	1.0	91-57-6	GH	07/19/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06013	Below MDL	400	ug/Kg	1.0	77-47-4	GH	07/19/96
8270B	2,4,6-TRICHLOROPHENOL	\$06013	Below MDL	400	ug/Kg	1.0	88-08-2	GH	07/19/96
8270B	2,4,5-TRICHLOROPHENOL	\$06013	Below MDL	400	ug/Kg	1.0	95-95-4	GH	07/19/96
8270B	2-CHLORONAPHTHALENE	\$06013	Below MDL	400	ug/Kg	1.0	91-58-7	GH	07/19/96
8270B	2-NITROANILINE	\$06013	Below MDL	400	ug/Kg	1.0	88-74-4	GH	07/19/96
8270B	DIMETHYL PHTHALATE	\$06013	Below MDL	400	ug/Kg	1.0	131-11-3	GH	07/19/96
8270B	ACENAPHTHYLENE	\$06013	Below MDL	400	ug/Kg	1.0	208-96-8	GH	07/19/96
8270B	2,6-DINITROTOLUENE	\$06013	Below MDL	400	ug/Kg	1.0	608-20-2	GH	07/19/96
8270B	3-NITROANILINE	\$06013	Below MDL	400	ug/Kg	1.0	99-09-2	GH	07/19/96
8270B	ACENAPHTHENE	\$06013	Below MDL	400	ug/Kg	1.0	83-32-9	GH	07/19/96
8270B	2,4-DINITROPHENOL	\$06013	Below MDL	1998	ug/Kg	1.0	51-28-5	GH	07/19/96
8270B	4-NITROPHENOL	\$06013	Below MDL	1998	ug/Kg	1.0	100-02-7	GH	07/19/96
8270B	DIBENZOFURAN	\$06013	Below MDL	400	ug/Kg	1.0	132-64-9	GH	07/19/96
8270B	2,4-DINITROTOLUENE	\$06013	Below MDL	400	ug/Kg	1.0	121-14-2	GH	07/19/96
8270B	DIETHYL PHTHALATE	\$06013	Below MDL	400	ug/Kg	1.0	84-66-2	GH	07/19/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06013	Below MDL	400	ug/Kg	1.0	7005-72-3	GH	07/19/96
8270B	FLUORENE	\$06013	Below MDL	400	ug/Kg	1.0	86-73-7	GH	07/19/96

Lab Sample ID AB35672
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/02/96 08:30

Client Site # 29455
 Client Sample # #24 T- 1-S2

ID	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	4-NITROANILINE	\$06013	Below MDL	400	ug/Kg	1.0	100-01-8	GH	07/19/96
8270B	2-METHYL-4,6-DINITROPHENOL	\$06013	Below MDL	1998	ug/Kg	1.0	534-52-1	GH	07/19/96
8270B	N-NITROSODIPHENYLAMINE	\$06013	Below MDL	400	ug/Kg	1.0	86-30-6	GH	07/19/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06013	Below MDL	400	ug/Kg	1.0	101-55-3	GH	07/19/96
8270B	HEXACHLOROBENZENE	\$06013	Below MDL	400	ug/Kg	1.0	118-74-1	GH	07/19/96
8270B	PENTACHLOROPHENOL	\$06013	Below MDL	1998	ug/Kg	1.0	87-86-5	GH	07/19/96
8270B	PHENANTHRENE	\$06013	Below MDL	400	ug/Kg	1.0	85-01-8	GH	07/19/96
8270B	ANTHRACENE	\$06013	Below MDL	400	ug/Kg	1.0	120-12-7	GH	07/19/96
8270B	DI-N-BUTYL PHTHALATE	\$06013	Below MDL	400	ug/Kg	1.0	84-74-2	GH	07/19/96
8270B	FLUORANTHENE	\$06013	Below MDL	400	ug/Kg	1.0	208-44-0	GH	07/19/96
8270B	PYRENE	\$06013	Below MDL	400	ug/Kg	1.0	129-00-0	GH	07/19/96
8270B	BUTYL BENZYL PHTHALATE	\$06013	Below MDL	400	ug/Kg	1.0	85-68-7	GH	07/19/96
8270B	3,3'-DICHLOROBENZIDINE	\$06013	Below MDL	799	ug/Kg	1.0	91-94-1	GH	07/19/96
8270B	BENZO(A)ANTHRACENE	\$06013	Below MDL	400	ug/Kg	1.0	56-55-3	GH	07/19/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06013	Below MDL	400	ug/Kg	1.0	117-81-7	GH	07/19/96
8270B	CHRYSENE	\$06013	Below MDL	400	ug/Kg	1.0	218-01-9	GH	07/19/96
8270B	DI-N-OCTYL PHTHALATE	\$06013	Below MDL	400	ug/Kg	1.0	117-84-0	GH	07/19/96
8270B	BENZO(B)FLUORANTHENE	\$06013	Below MDL	400	ug/Kg	1.0	205-99-2	GH	07/19/96
8270B	BENZO(K)FLUORANTHENE	\$06013	Below MDL	400	ug/Kg	1.0	207-08-9	GH	07/19/96
8270B	BENZO(A)PYRENE	\$06013	Below MDL	400	ug/Kg	1.0	50-32-8	GH	07/19/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06013	Below MDL	400	ug/Kg	1.0	193-39-5	GH	07/19/96
8270B	DIBENZO(A,H)ANTHRACENE	\$06013	Below MDL	400	ug/Kg	1.0	53-70-3	GH	07/19/96
8270B	BENZO(G,H,I)PERYLENE	\$06013	Below MDL	400	ug/Kg	1.0	191-24-2	GH	07/19/96
8270B	2-FLUOROPHENOL (SURR)	\$06013	56	%	REC	1.0	367-12-4	GH	07/19/96
8270B	PHENOL-D5 (SURR)	\$06013	63	%	REC	1.0	13127-88-3	GH	07/19/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	59	%	REC	1.0	4165-60-0	GH	07/19/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	59	%	REC	1.0	321-60-8	GH	07/19/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	64	%	REC	1.0	118-79-6	GH	07/19/96
8270B	TERPHENYL-D14 (SURR)	\$06013	68	%	REC	1.0	1718-51-0	GH	07/19/96
8270B	CARBAZOLE	\$06013	Below MDL	400	ug/Kg	1.0	88-74-8	GH	07/19/96

BTEX (GC) SOIL

Prep Date 07/16/96

Batch 071696BS

8020A	BENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	71-43-2	DTA	07/16/96
8020A	TOLUENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-88-3	DTA	07/16/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	100-41-4	DTA	07/16/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.2	ug/Kg	1.0	1330-20-7	DTA	07/16/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	79	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	75	%	REC	1.0	460-00-4	DTA	07/16/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-90-7	DTA	07/16/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	95-50-1	DTA	07/16/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	541-73-1	DTA	07/16/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	106-46-7	DTA	07/16/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.2	ug/Kg	1.0	1634-04-4	DTA	07/16/96

Prep Date 07/17/96

Batch 071796B

Lab Sample ID AB35672
Project # 3996
Project Name FT. STEWART
Sampling Date/Time 07/02/96 08:30

Client Site # 29455
Client Sample # #24 T- 1-S2

OD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

				Prep Date 07/17/96		Batch 071796B			
9071A	TRPH 9071A SOIL	08041	Below MDL	12	mg/Kg	1.0		ML	07/17/96
				Prep Date 07/12/96		Batch 071296			
160.3	% TOTAL SOLIDS SOIL (N/C)	09099	82.6	0.1	%	1.0		MN	07/12/96

Lab Sample ID AB35673
Project # 3996
Project Name FT. STEWART
Sampling Date/Time 07/02/96 08:40

Client Site # 29456
Client Sample # #24 T- 1-S3

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL				Prep Date 07/16/96		Batch 0717960002			
8270B	PHENOL	\$06013	Below MDL	396	ug/Kg	1.0	108-95-2	MA	07/19/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06013	Below MDL	396	ug/Kg	1.0	111-44-4	MA	07/19/96
8270B	2-CHLOROPHENOL	\$06013	Below MDL	396	ug/Kg	1.0	95-57-8	MA	07/19/96
8270B	1,3-DICHLOROBENZENE	\$06013	Below MDL	396	ug/Kg	1.0	541-73-1	MA	07/19/96
8270B	1,4-DICHLOROBENZENE	\$06013	Below MDL	396	ug/Kg	1.0	106-46-7	MA	07/19/96
8270B	1,2-DICHLOROBENZENE	\$06013	Below MDL	396	ug/Kg	1.0	95-50-1	MA	07/19/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06013	Below MDL	396	ug/Kg	1.0	108-60-1	MA	07/19/96
8270B	2-METHYLPHENOL	\$06013	Below MDL	396	ug/Kg	1.0	95-48-7	MA	07/19/96
8270B	4-METHYLPHENOL	\$06013	Below MDL	396	ug/Kg	1.0	106-44-5	MA	07/19/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06013	Below MDL	396	ug/Kg	1.0	621-64-7	MA	07/19/96
8270B	HEXACHLOROETHANE	\$06013	Below MDL	396	ug/Kg	1.0	67-72-1	MA	07/19/96
8270B	NITROBENZENE	\$06013	Below MDL	396	ug/Kg	1.0	98-95-3	MA	07/19/96
8270B	ISOPHORONE	\$06013	Below MDL	396	ug/Kg	1.0	78-59-1	MA	07/19/96
8270B	2-NITROPHENOL	\$06013	Below MDL	792	ug/Kg	1.0	88-75-5	MA	07/19/96
8270B	2,4-DIMETHYLPHENOL	\$06013	Below MDL	396	ug/Kg	1.0	105-67-9	MA	07/19/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06013	Below MDL	396	ug/Kg	1.0	111-91-1	MA	07/19/96
8270B	2,4-DICHLOROPHENOL	\$06013	Below MDL	396	ug/Kg	1.0	120-83-2	MA	07/19/96
8270B	1,2,4-TRICHLOROBENZENE	\$06013	Below MDL	396	ug/Kg	1.0	120-82-1	MA	07/19/96
8270B	NAPHTHALENE	\$06013	Below MDL	396	ug/Kg	1.0	91-20-3	MA	07/19/96
8270B	4-CHLOROANILINE	\$06013	Below MDL	396	ug/Kg	1.0	108-47-8	MA	07/19/96
8270B	HEXACHLOROBUTADIENE	\$06013	Below MDL	396	ug/Kg	1.0	87-68-3	MA	07/19/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06013	Below MDL	792	ug/Kg	1.0	59-50-7	MA	07/19/96
8270B	2-METHYLNAPHTHALENE	\$06013	Below MDL	396	ug/Kg	1.0	91-57-6	MA	07/19/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06013	Below MDL	396	ug/Kg	1.0	77-47-4	MA	07/19/96
8270B	2,4,6-TRICHLOROPHENOL	\$06013	Below MDL	396	ug/Kg	1.0	88-06-2	MA	07/19/96
8270B	2,4,5-TRICHLOROPHENOL	\$06013	Below MDL	396	ug/Kg	1.0	95-95-4	MA	07/19/96
8270B	2-CHLORONAPHTHALENE	\$06013	Below MDL	396	ug/Kg	1.0	91-58-7	MA	07/19/96
8270B	2-NITROANILINE	\$06013	Below MDL	396	ug/Kg	1.0	88-74-4	MA	07/19/96
8270B	DIMETHYL PHTHALATE	\$06013	Below MDL	396	ug/Kg	1.0	131-11-3	MA	07/19/96

Lab Sample ID AB35673
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/02/96 08:40

Client Site # 29456
 Client Sample # #24 T- 1-S3

MOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

SEMI (GC/MS) SOIL

Prep Date 07/16/96

Batch 0717960002

8270B	ACENAPHTHYLENE	\$06013	Below MDL	396	ug/Kg	1.0	208-98-8	MA	07/19/96
8270B	2,6-DINITROTOLUENE	\$06013	Below MDL	396	ug/Kg	1.0	606-20-2	MA	07/19/96
8270B	3-NITROANILINE	\$06013	Below MDL	396	ug/Kg	1.0	99-09-2	MA	07/19/96
8270B	ACENAPHTHENE	\$06013	Below MDL	396	ug/Kg	1.0	83-32-9	MA	07/19/96
8270B	2,4-DINITROPHENOL	\$06013	Below MDL	1981	ug/Kg	1.0	51-28-5	MA	07/19/96
8270B	4-NITROPHENOL	\$06013	Below MDL	1981	ug/Kg	1.0	100-02-7	MA	07/19/96
8270B	DIBENZOFURAN	\$06013	Below MDL	396	ug/Kg	1.0	132-64-9	MA	07/19/96
8270B	2,4-DINITROTOLUENE	\$06013	Below MDL	396	ug/Kg	1.0	121-14-2	MA	07/19/96
8270B	DIETHYL PHTHALATE	\$06013	Below MDL	396	ug/Kg	1.0	84-66-2	MA	07/19/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06013	Below MDL	396	ug/Kg	1.0	7005-72-3	MA	07/19/96
8270B	FLUORENE	\$06013	Below MDL	396	ug/Kg	1.0	86-73-7	MA	07/19/96
8270B	4-NITROANILINE	\$06013	Below MDL	396	ug/Kg	1.0	100-01-8	MA	07/19/96
8270B	2-METHYL-4,6-DINITROPHENOL	\$06013	Below MDL	1981	ug/Kg	1.0	534-52-1	MA	07/19/96
8270B	N-NITROSODIPHENYLAMINE	\$06013	Below MDL	396	ug/Kg	1.0	88-30-6	MA	07/19/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06013	Below MDL	396	ug/Kg	1.0	101-55-3	MA	07/19/96
8270B	HEXACHLOROBENZENE	\$06013	Below MDL	396	ug/Kg	1.0	118-74-1	MA	07/19/96
8270B	PENTACHLOROPHENOL	\$06013	Below MDL	1981	ug/Kg	1.0	87-88-5	MA	07/19/96
8270B	PHENANTHRENE	\$06013	Below MDL	396	ug/Kg	1.0	85-01-8	MA	07/19/96
8270B	ANTHRACENE	\$06013	Below MDL	396	ug/Kg	1.0	120-12-7	MA	07/19/96
8270B	DI-N-BUTYL PHTHALATE	\$06013	Below MDL	396	ug/Kg	1.0	84-74-2	MA	07/19/96
8270B	FLUORANTHENE	\$06013	Below MDL	396	ug/Kg	1.0	206-44-0	MA	07/19/96
8270B	PYRENE	\$06013	Below MDL	396	ug/Kg	1.0	129-00-0	MA	07/19/96
8270B	BUTYL BENZYL PHTHALATE	\$06013	Below MDL	396	ug/Kg	1.0	85-68-7	MA	07/19/96
8270B	3,3'-DICHLOROBENZIDINE	\$06013	Below MDL	792	ug/Kg	1.0	91-94-1	MA	07/19/96
8270B	BENZO(A)ANTHRACENE	\$06013	Below MDL	396	ug/Kg	1.0	56-55-3	MA	07/19/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06013	Below MDL	396	ug/Kg	1.0	117-81-7	MA	07/19/96
8270B	CHRYSENE	\$06013	Below MDL	396	ug/Kg	1.0	218-01-9	MA	07/19/96
8270B	DI-N-OCTYL PHTHALATE	\$06013	Below MDL	396	ug/Kg	1.0	117-84-0	MA	07/19/96
8270B	BENZO(B)FLUORANTHENE	\$06013	Below MDL	396	ug/Kg	1.0	205-99-2	MA	07/19/96
8270B	BENZO(K)FLUORANTHENE	\$06013	Below MDL	396	ug/Kg	1.0	207-08-9	MA	07/19/96
8270B	BENZO(A)PYRENE	\$06013	Below MDL	396	ug/Kg	1.0	50-32-8	MA	07/19/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06013	Below MDL	396	ug/Kg	1.0	193-39-5	MA	07/19/96
8270B	DIBENZO(A,H)ANTHRACENE	\$06013	Below MDL	396	ug/Kg	1.0	53-70-3	MA	07/19/96
8270B	BENZO(G,H,I)PERYLENE	\$06013	Below MDL	396	ug/Kg	1.0	191-24-2	MA	07/19/96
8270B	2-FLUOROPHENOL (SURR)	\$06013	59	%	REC	1.0	367-12-4	MA	07/19/96
8270B	PHENOL-D5 (SURR)	\$06013	71	%	REC	1.0	13127-88-3	MA	07/19/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	66	%	REC	1.0	4165-60-0	MA	07/19/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	75	%	REC	1.0	321-60-8	MA	07/19/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	74	%	REC	1.0	118-79-6	MA	07/19/96
8270B	TERPHENYL-D14 (SURR)	\$06013	80	%	REC	1.0	1718-51-0	MA	07/19/96
8270B	CARBAZOLE	\$06013	Below MDL	396	ug/Kg	1.0	86-74-8	MA	07/19/96

BT GC) SOIL

Prep Date 07/16/96

Batch 071696BS

8020A	BENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	71-43-2	DTA	07/16/96
8020A	TOLUENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-88-3	DTA	07/16/96

Lab Sample ID AB35675
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time / / :

Client Site #
 Client Sample # METHOD BLANK SOIL

DD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 07/16/96		Batch 0717960002			
8270B	PHENOL	\$06013	Below MDL	330	ug/Kg	1.0	108-95-2	GH	07/18/96
8270B	BIS(2-CHLOROETHYL) ETHER	\$06013	Below MDL	330	ug/Kg	1.0	111-44-4	GH	07/18/96
8270B	2-CHLOROPHENOL	\$06013	Below MDL	330	ug/Kg	1.0	95-57-8	GH	07/18/96
8270B	1,3-DICHLOROBENZENE	\$06013	Below MDL	330	ug/Kg	1.0	541-73-1	GH	07/18/96
8270B	1,4-DICHLOROBENZENE	\$06013	Below MDL	330	ug/Kg	1.0	106-46-7	GH	07/18/96
8270B	1,2-DICHLOROBENZENE	\$06013	Below MDL	330	ug/Kg	1.0	95-50-1	GH	07/18/96
8270B	BIS(2-CHLOROISOPROPYL) ETHER	\$06013	Below MDL	330	ug/Kg	1.0	108-60-1	GH	07/18/96
8270B	2-METHYLPHENOL	\$06013	Below MDL	330	ug/Kg	1.0	95-48-7	GH	07/18/96
8270B	4-METHYLPHENOL	\$06013	Below MDL	330	ug/Kg	1.0	106-44-5	GH	07/18/96
8270B	N-NITROSODI-N-PROPYLAMINE	\$06013	Below MDL	330	ug/Kg	1.0	621-64-7	GH	07/18/96
8270B	HEXACHLOROETHANE	\$06013	Below MDL	330	ug/Kg	1.0	67-72-1	GH	07/18/96
8270B	NITROBENZENE	\$06013	Below MDL	330	ug/Kg	1.0	98-95-3	GH	07/18/96
8270B	ISOPHORONE	\$06013	Below MDL	330	ug/Kg	1.0	78-59-1	GH	07/18/96
8270B	2-NITROPHENOL	\$06013	Below MDL	660	ug/Kg	1.0	88-75-5	GH	07/18/96
8270B	2,4-DIMETHYLPHENOL	\$06013	Below MDL	330	ug/Kg	1.0	105-67-9	GH	07/18/96
8270B	BIS(2-CHLOROETHOXY)METHANE	\$06013	Below MDL	330	ug/Kg	1.0	111-91-1	GH	07/18/96
8270B	2,4-DICHLOROPHENOL	\$06013	Below MDL	330	ug/Kg	1.0	120-83-2	GH	07/18/96
8270B	1,2,4-TRICHLOROBENZENE	\$06013	Below MDL	330	ug/Kg	1.0	120-82-1	GH	07/18/96
8270B	NAPHTHALENE	\$06013	Below MDL	330	ug/Kg	1.0	91-20-3	GH	07/18/96
8270B	4-CHLOROANILINE	\$06013	Below MDL	330	ug/Kg	1.0	106-47-8	GH	07/18/96
8270B	HEXACHLOROBUTADIENE	\$06013	Below MDL	330	ug/Kg	1.0	87-68-3	GH	07/18/96
8270B	4-CHLORO-3-METHYLPHENOL	\$06013	Below MDL	660	ug/Kg	1.0	59-50-7	GH	07/18/96
8270B	2-METHYLNAPHTHALENE	\$06013	Below MDL	330	ug/Kg	1.0	91-57-6	GH	07/18/96
8270B	HEXACHLOROCYCLOPENTADIENE	\$06013	Below MDL	330	ug/Kg	1.0	77-47-4	GH	07/18/96
8270B	2,4,6-TRICHLOROPHENOL	\$06013	Below MDL	330	ug/Kg	1.0	88-06-2	GH	07/18/96
8270B	2,4,5-TRICHLOROPHENOL	\$06013	Below MDL	330	ug/Kg	1.0	95-95-4	GH	07/18/96
8270B	2-CHLORONAPHTHALENE	\$06013	Below MDL	330	ug/Kg	1.0	91-58-7	GH	07/18/96
8270B	2-NITROANILINE	\$06013	Below MDL	330	ug/Kg	1.0	88-74-4	GH	07/18/96
8270B	DIMETHYL PHTHALATE	\$06013	Below MDL	330	ug/Kg	1.0	131-11-3	GH	07/18/96
8270B	ACENAPHTHYLENE	\$06013	Below MDL	330	ug/Kg	1.0	208-98-8	GH	07/18/96
8270B	2,6-DINITROTOLUENE	\$06013	Below MDL	330	ug/Kg	1.0	808-20-2	GH	07/18/96
8270B	3-NITROANILINE	\$06013	Below MDL	330	ug/Kg	1.0	99-09-2	GH	07/18/96
8270B	ACENAPHTHENE	\$06013	Below MDL	330	ug/Kg	1.0	83-32-9	GH	07/18/96
8270B	2,4-DINITROPHENOL	\$06013	Below MDL	1650	ug/Kg	1.0	51-28-5	GH	07/18/96
8270B	4-NITROPHENOL	\$06013	Below MDL	1650	ug/Kg	1.0	100-02-7	GH	07/18/96
8270B	DIBENZOFURAN	\$06013	Below MDL	330	ug/Kg	1.0	132-64-9	GH	07/18/96
8270B	2,4-DINITROTOLUENE	\$06013	Below MDL	330	ug/Kg	1.0	121-14-2	GH	07/18/96
8270B	DIETHYL PHTHALATE	\$06013	Below MDL	330	ug/Kg	1.0	84-66-2	GH	07/18/96
8270B	4-CHLOROPHENYL PHENYL ETHER	\$06013	Below MDL	330	ug/Kg	1.0	7005-72-3	GH	07/18/96
8270B	FLUORENE	\$06013	Below MDL	330	ug/Kg	1.0	86-73-7	GH	07/18/96
8270B	4-NITROANILINE	\$06013	Below MDL	330	ug/Kg	1.0	100-01-6	GH	07/18/96
8270B	2-METHYL-4,6-DINITROPHENOL	\$06013	Below MDL	1650	ug/Kg	1.0	534-52-1	GH	07/18/96
8270B	N-NITROSODIPHENYLAMINE	\$06013	Below MDL	330	ug/Kg	1.0	86-30-6	GH	07/18/96
8270B	4-BROMOPHENYL PHENYL ETHER	\$06013	Below MDL	330	ug/Kg	1.0	101-55-3	GH	07/18/96
8270B	HEXACHLOROBENZENE	\$06013	Below MDL	330	ug/Kg	1.0	118-74-1	GH	07/18/96

Lab Sample ID AB35673
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/02/96 08:40

Client Site # 29456
 Client Sample # #24 T- 1-S3

OD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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Sample Comment Results are reported on a dry weight basis.

BTEX (GC) SOIL

Prep Date 07/16/96

Batch 071696BS

8020A	ETHYLBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	100-41-4	DTA	07/16/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.2	ug/Kg	1.0	1330-20-7	DTA	07/16/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	76	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	71	%	REC	1.0	460-00-4	DTA	07/16/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-90-7	DTA	07/16/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	95-50-1	DTA	07/16/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	541-73-1	DTA	07/16/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.2	ug/Kg	1.0	108-48-7	DTA	07/16/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.2	ug/Kg	1.0	1834-04-4	DTA	07/16/96

Prep Date 07/17/96

Batch 071796B

9071A	TRPH 9071A SOIL	08041	Below MDL	12	mg/Kg	1.0		ML	07/17/96
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Prep Date 07/12/96

Batch 071296

160.3	% TOTAL SOLIDS SOIL (N/C)	09099	83.3	0.1	%	1.0		MN	07/12/96
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Lab Sample ID AB35674
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time 07/02/96

Client Site # 29457
 Client Sample # TRIP BLANK

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
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BTEX (GC) WATER

Prep Date 07/16/96

Batch 071696BW

8020A	BENZENE	\$08106	Below MDL	1.0	ug/L	1.0	71-43-2	DTA	07/17/96
8020A	TOLUENE	\$08106	Below MDL	1.0	ug/L	1.0	108-88-8	DTA	07/17/96
8020A	ETHYLBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	100-41-4	DTA	07/17/96
8020A	XYLENES (TOTAL)	\$08106	Below MDL	1.0	ug/L	1.0	1330-20-7	DTA	07/17/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08106	92	%	REC	1.0	98-08-8	DTA	07/17/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08106	94	%	REC	1.0	460-00-4	DTA	07/17/96
8020A	CHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	108-90-7	DTA	07/17/96
8020A	1,2-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	95-50-1	DTA	07/17/96
8020A	1,3-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	541-73-1	DTA	07/17/96
8020A	1,4-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	108-48-7	DTA	07/17/96
8020A	TERT-METHYLBUTYL ETHER	\$08106	Below MDL	1.0	ug/L	1.0	1834-04-4	DTA	07/17/96

Lab Sample ID AB35675
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time / / :

Client Site #
 Client Sample # METHOD BLANK SOIL

OD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 07/16/96		Batch 0717960002			
8270B	PENTACHLOROPHENOL	\$06013	Below MDL	1650	ug/Kg	1.0	87-86-5	GH	07/18/96
8270B	PHENANTHRENE	\$06013	Below MDL	330	ug/Kg	1.0	85-01-8	GH	07/18/96
8270B	ANTHRACENE	\$06013	Below MDL	330	ug/Kg	1.0	120-12-7	GH	07/18/96
8270B	DI-N-BUTYL PHTHALATE	\$06013	Below MDL	330	ug/Kg	1.0	84-74-2	GH	07/18/96
8270B	FLUORANTHENE	\$06013	Below MDL	330	ug/Kg	1.0	208-44-0	GH	07/18/96
8270B	PYRENE	\$06013	Below MDL	330	ug/Kg	1.0	129-00-0	GH	07/18/96
8270B	BUTYL BENZYL PHTHALATE	\$06013	Below MDL	330	ug/Kg	1.0	85-88-7	GH	07/18/96
8270B	3,3'-DICHLOOROBENZIDINE	\$06013	Below MDL	660	ug/Kg	1.0	91-94-1	GH	07/18/96
8270B	BENZO(A)ANTHRACENE	\$06013	Below MDL	330	ug/Kg	1.0	56-55-3	GH	07/18/96
8270B	BIS(2-ETHYLHEXYL) PHTHALATE	\$06013	Below MDL	330	ug/Kg	1.0	117-81-7	GH	07/18/96
8270B	CHRYSENE	\$06013	Below MDL	330	ug/Kg	1.0	218-01-9	GH	07/18/96
8270B	DI-N-OCTYL PHTHALATE	\$06013	Below MDL	330	ug/Kg	1.0	117-84-0	GH	07/18/96
8270B	BENZO(B)FLUORANTHENE	\$06013	Below MDL	330	ug/Kg	1.0	205-99-2	GH	07/18/96
8270B	BENZO(K)FLUORANTHENE	\$06013	Below MDL	330	ug/Kg	1.0	207-08-9	GH	07/18/96
8270B	BENZO(A)PYRENE	\$06013	Below MDL	330	ug/Kg	1.0	50-32-8	GH	07/18/96
8270B	INDENO(1,2,3-CD)PYRENE	\$06013	Below MDL	330	ug/Kg	1.0	193-39-5	GH	07/18/96
8270B	DIBENZO(A,H)ANTHRACENE	\$06013	Below MDL	330	ug/Kg	1.0	53-70-3	GH	07/18/96
8270B	BENZO(G,H,I)PERYLENE	\$06013	Below MDL	330	ug/Kg	1.0	191-24-2	GH	07/18/96
8270B	2-FLUOROPHENOL (SURR)	\$06013	72	%	REC	1.0	367-12-4	GH	07/18/96
8270B	PHENOL-D5 (SURR)	\$06013	82	%	REC	1.0	13127-88-3	GH	07/18/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	72	%	REC	1.0	4185-60-0	GH	07/18/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	83	%	REC	1.0	321-60-8	GH	07/18/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	75	%	REC	1.0	118-79-6	GH	07/18/96
8270B	TERPHENYL-D14 (SURR)	\$06013	97	%	REC	1.0	1718-51-0	GH	07/18/96
8270B	CARBAZOLE	\$06013	Below MDL	330	ug/Kg	1.0	86-74-8	GH	07/18/96
BTEX (GC) SOIL				Prep Date 07/15/96		Batch 071596BS			
8020A	BENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	71-43-2	DTA	07/16/96
8020A	TOLUENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-88-3	DTA	07/16/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	100-41-4	DTA	07/16/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.0	ug/Kg	1.0	1330-20-7	DTA	07/16/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	101	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	102	%	REC	1.0	460-00-4	DTA	07/16/96
8020A	CHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-90-7	DTA	07/16/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	95-50-1	DTA	07/16/96
8020A	1,3-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	541-73-1	DTA	07/16/96
8020A	1,4-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	106-46-7	DTA	07/16/96
8020A	TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.0	ug/Kg	1.0	1534-04-4	DTA	07/16/96
TPH DRO (FID) SOIL				Prep Date 07/17/96		Batch 0718960002			
8015A	DIESEL RANGE ORGANICS (DRO)	\$08009	Below MDL	10.0	mg/Kg	1.0		DTA	07/24/96
8015A	O-TERPHENYL (SURR)	\$08009	97	%	REC	1.0		DTA	07/24/96
				Prep Date 07/17/96		Batch 071796B			
90000	TRPH 9071A SOIL	08041	Below MDL	10.0	mg/Kg	1.0		ML	07/17/96

Lab Sample ID AB35676
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time / /

Client Site #
 Client Sample # METHOD BLANK WATER

OD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) WATER				Prep Date 07/16/96			Batch 071696BW		
8020A	BENZENE	\$08106	Below MDL	1.0	ug/L	1.0	71-43-2	DTA	07/16/96
8020A	TOLUENE	\$08106	Below MDL	1.0	ug/L	1.0	108-88-8	DTA	07/16/96
8020A	ETHYLBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	100-41-4	DTA	07/16/96
8020A	XYLENES (TOTAL)	\$08106	Below MDL	1.0	ug/L	1.0	1330-20-7	DTA	07/16/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08106	91	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08106	93	%	REC	1.0	460-00-4	DTA	07/16/96
8020A	CHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	108-90-7	DTA	07/16/96
8020A	1,2-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	95-50-1	DTA	07/16/96
8020A	1,3-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	541-73-1	DTA	07/16/96
8020A	1,4-DICHLOROBENZENE	\$08106	Below MDL	1.0	ug/L	1.0	106-46-7	DTA	07/16/96
8020A	TERT-METHYLBUTYL ETHER	\$08106	Below MDL	1.0	ug/L	1.0	1634-04-4	DTA	07/16/96

Lab Sample ID AB35951
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time / /

Client Site #
 Client Sample # MS

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 07/16/96			Batch 0717960002		
8270B	2-FLUOROPHENOL (SURR)	\$06013	60	%	REC	1.0	367-12-4	MA	07/18/96
8270B	PHENOL-D5 (SURR)	\$06013	69	%	REC	1.0	13127-88-3	MA	07/18/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	61	%	REC	1.0	4165-60-0	MA	07/18/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	71	%	REC	1.0	321-60-8	MA	07/18/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	73	%	REC	1.0	118-79-6	MA	07/18/96
8270B	TERPHENYL-D14 (SURR)	\$06013	80	%	REC	1.0	1718-51-0	MA	07/18/96

Lab Sample ID AB35952
 Project # 3996
 Project Name FT. STEWART
 Sampling Date/Time / /

Client Site #
 Client Sample # MSD

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 07/16/96			Batch 0717960002		
8270B	2-FLUOROPHENOL (SURR)	\$06013	60	%	REC	1.0	367-12-4	MA	07/18/96
8270B	PHENOL-D5 (SURR)	\$06013	67	%	REC	1.0	13127-88-3	MA	07/18/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	58	%	REC	1.0	4165-60-0	MA	07/18/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	68	%	REC	1.0	321-60-8	MA	07/18/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	74	%	REC	1.0	118-79-6	MA	07/18/96
8270B	TERPHENYL-D14 (SURR)	\$06013	77	%	REC	1.0	1718-51-0	MA	07/18/96

Lab Sample ID AB35953
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # LCS

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
SEMI (GC/MS) SOIL				Prep Date 07/16/96		Batch 0717960002			
8270B	2-FLUOROPHENOL (SURR)	\$06013	77	%	REC	1.0	367-12-4	MA	07/19/96
8270B	PHENOL-D5 (SURR)	\$06013	83	%	REC	1.0	13127-88-3	MA	07/19/96
8270B	NITROBENZENE-D5 (SURR)	\$06013	71	%	REC	1.0	4165-60-0	MA	07/19/96
8270B	2-FLUOROBIPHENYL (SURR)	\$06013	85	%	REC	1.0	321-60-8	MA	07/19/96
8270B	2,4,6-TRIBROMOPHENOL (SURR)	\$06013	87	%	REC	1.0	118-79-8	MA	07/19/96
8270B	TERPHENYL-D14 (SURR)	\$06013	90	%	REC	1.0	1718-51-0	MA	07/19/96

Lab Sample ID AB36036
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # MS

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
TPH DRO (FID) SOIL				Prep Date 07/17/96		Batch 0718960002			
8015A	O-TERPHENYL (SURR)	\$08009	68	%	REC	1.0		DTA	07/25/96

Lab Sample ID AB36037
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # MSD

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
TPH DRO (FID) SOIL				Prep Date 07/17/96		Batch 0718960002			
8015A	O-TERPHENYL (SURR)	\$08009	61	%	REC	1.0		DTA	07/25/96

Lab Sample ID AB36038
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # LCS

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
TPH DRO (FID) SOIL				Prep Date 07/17/96		Batch 0718960002			
8015A	O-TERPHENYL (SURR)	\$08009	100	%	REC	1.0		DTA	07/24/96

Lab Sample ID AB36146
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # LCS

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) SOIL				Prep Date 07/15/96			Batch 071596BS		
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	96	%	REC	1.0	98-08-8	DTA	07/15/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	101	%	REC	1.0	460-00-4	DTA	07/15/96

Lab Sample ID AB36147
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # MS

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) SOIL				Prep Date 07/15/96			Batch 071596BS		
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	81	%	REC	1.0	98-08-8	DTA	07/15/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	68	%	REC	1.0	460-00-4	DTA	07/15/96

Lab Sample ID AB36148
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # MSD

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) SOIL				Prep Date 07/15/96			Batch 071596BS		
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	88	%	REC	1.0	98-08-8	DTA	07/15/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	57	%	REC	1.0	460-00-4	DTA	07/15/96

Lab Sample ID AB36149
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # METHOD BLANK SOIL

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) SOIL				Prep Date 07/16/96			Batch 071696BS		
8020A	BENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	71-43-2	DTA	07/16/96
8020A	TOLUENE	\$08006	Below MDL	1.0	ug/Kg	1.0	108-88-3	DTA	07/16/96
8020A	ETHYLBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	100-41-4	DTA	07/16/96
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	95	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	100	%	REC	1.0	460-00-4	DTA	07/16/96
8020A	XYLENES (TOTAL)	\$08006	Below MDL	1.0	ug/Kg	1.0	1330-20-7	DTA	07/16/96
8020A	1,2-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	95-50-1	DTA	07/16/96

Lab Sample ID AB36149
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # METHOD BLANK SOIL

No.	ID	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution	CAS #	ANALYST	DATE OF
							Factor			ANALYSIS
BTEX (GC) SOIL							Prep Date 07/16/96		Batch 071696BS	
8020A		1,3-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	541-73-1	DTA	07/16/96
8020A		1,4-DICHLOROBENZENE	\$08006	Below MDL	1.0	ug/Kg	1.0	106-48-7	DTA	07/16/96
8020A		TERT-METHYLBUTYL ETHER	\$08006	Below MDL	1.0	ug/Kg	1.0	1634-04-4	DTA	07/16/96

Lab Sample ID AB36150
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # LCS

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution	CAS #	ANALYST	DATE OF
						Factor			ANALYSIS
BTEX (GC) SOIL					Prep Date 07/16/96		Batch 071696BS		
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	93	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	100	%	REC	1.0	460-00-4	DTA	07/16/96

Lab Sample ID AB36151
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # MS

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution	CAS #	DATE OF	
						Factor		ANALYST	ANALYSIS
BTEX (GC) SOIL					Prep Date 07/16/96		Batch 071696BS		
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08006	85	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08006	86	%	REC	1.0	460-00-4	DTA	07/16/96

Lab Sample ID AB36152
Project # 3996
Project Name FT. STEWART
Sampling Date/Time / /

Client Site #
Client Sample # MSD

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution	CAS #	DATE OF	
						Factor		ANALYST	ANALYSIS
BTEX (GC) WATER					Prep Date 07/16/96		Batch 071696BS		
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08106	74	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08106	76	%	REC	1.0	460-00-4	DTA	07/16/96

Lab Sample ID AB36153 Client Site #
 Project # 3996 Client Sample # LCS
 Project Name FT. STEWART
 Sampling Date/Time / /

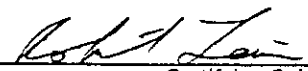
ID	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) WATER				Prep Date 07/16/96			Batch 071696BW		
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08106	93	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08106	96	%	REC	1.0	460-00-4	DTA	07/16/96

Lab Sample ID AB36154 Client Site #
 Project # 3996 Client Sample # MS
 Project Name FT. STEWART
 Sampling Date/Time / /

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) WATER				Prep Date 07/16/96			Batch 071696BW		
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08106	93	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08106	96	%	REC	1.0	460-00-4	DTA	07/16/96

Lab Sample ID AB36155 Client Site #
 Project # 3996 Client Sample # MSD
 Project Name FT. STEWART
 Sampling Date/Time / /

METHOD	ANALYTE	TEST CODE	RESULT	MDL	UNITS	Dilution Factor	CAS #	ANALYST	DATE OF ANALYSIS
BTEX (GC) WATER				Prep Date 07/16/96			Batch 071696BW		
8020A	A,A,A-TRIFLUOROTOLUENE (SURR)	\$08106	109	%	REC	1.0	98-08-8	DTA	07/16/96
8020A	4-BROMOFLUOROBENZENE (SURR)	\$08106	110	%	REC	1.0	460-00-4	DTA	07/16/96


 Certifying Scientist

Organics and Inorganics in Wastewater, Solids, and Wastes

NC-DEHNR 441, SC-OHEC 98013, GA, TN-DOH 02826, UT-DOH E-228, FL-DEP 940134 HRS E87511 (Water) HRS 87485 (Drinking Water), NY-DEH ELAP 11551, WI-DNR 998014380

Radioactive Materials License ISO 9000 EPA ID EPA Reg Waste GA APHIS Fed Lab ID US Army Corps of Engineers Validation
 GA-DNR 1283-1 A2LA:0594-01 GA-00058 GA-0001011006 S-3966 58-188334

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Ecosys, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-93 15:51
 End Cal Date : 18-JUL-1996 14:45
 Quant Method : ISTD
 Cal Curve Type : Averaged
 Target Version : Target 2.20
 Integrator : HP RTE
 Method file : /chem/msd_2.i/2-071896.b/MA-BNA.m
 Cal Date : 12-Aug-1996 09:36 target

Calibration File Names:

Level 2: /chem/msd_2.i/2-071896.b/bna0301003.d
 Level 3: /chem/msd_2.i/2-071896.b/bna0401004.d
 Level 4: /chem/msd_2.i/2-071896.b/bna0501005.d
 Level 5: /chem/msd_2.i/2-071896.b/bna0101001.d
 Level 6: /chem/msd_2.i/2-071896.b/bna0201002.d

Compound	Level 2	Level 3	Level 4	Level 5	Level 6	RRF	% RSD/R ²
2 Aniline	1.343301	1.413791	1.368211	1.387011	1.237861	1.350031	5.0231
4 Phenol **	1.453581	1.119801	0.971851	0.747631	0.846991	1.027971	26.8211
5 Bis(2-chloroethyl) ether	1.491401	1.088091	0.965761	0.814511	0.748651	1.021681	28.7721
6 2-Chlorophenol	1.373761	1.181801	1.071811	0.976031	0.865161	1.093711	17.8671
7 1,3-Dichlorobenzene	1.663051	1.393871	1.312561	1.141881	1.047431	1.311761	18.2361
9 1,4-Dichlorobenzene **	1.610581	1.348441	1.257061	1.056841	1.003241	1.255231	19.4251
10 1,2-Dichlorobenzene	1.551171	1.370121	1.250581	1.092071	0.987791	1.250351	17.8311
11 Benzyl alcohol	0.990571	0.917551	0.911411	0.885791	0.854791	0.912021	5.5271
12 2-Methylphenol	1.198241	0.928511	0.781111	0.706191	0.589271	0.840661	27.9231
13 Bis(2-chloroisopropyl) ether	0.616971	0.570451	0.500951	0.468291	0.379381	0.507211	18.1611
14 N-Nitrosodi-n-propylamine *	0.847251	0.756791	0.721171	0.685541	0.523721	0.706891	16.7981
15 4-Methylphenol	1.045781	0.990181	0.774511	0.616451	0.569771	0.799341	26.8261
16 Hexachloroethane	0.709771	0.617101	0.546141	0.480701	0.484391	0.567621	17.0801
18 Nitrobenzene	0.390561	0.369001	0.349311	0.318051	0.312051	0.347801	9.5831
19 Isophorone	0.800441	0.748571	0.771671	0.793441	0.617801	0.746381	10.0071
20 2-Nitrophenol **	0.277001	0.280271	0.270091	0.243241	0.238411	0.261801	7.4771
21 2,4-Dimethylphenol	0.415641	0.383371	0.381331	0.367291	0.372071	0.383941	4.9251
22 Bis(2-chloroethoxy)methane	0.538851	0.462771	0.423281	0.400581	0.371281	0.439351	14.7711
23 2,4-Dichlorophenol **	0.339251	0.354241	0.334381	0.303401	0.315851	0.329421	6.0691
24 Benzoic acid	0.198481	0.267001	0.262861	0.247541	0.261001	0.247381	11.4361
25 1,2,4-Trichlorobenzene	0.417401	0.393941	0.359711	0.308481	0.329901	0.361881	12.3501
27 Naphthalene	1.217451	0.996621	0.887821	0.762471	0.770431	0.926961	20.3491
28 4-Chloroaniline	0.283991	0.434011	0.445181	0.396401	0.387081	0.389331	16.3791
29 Hexachlorobutadiene **	0.274401	0.271781	0.267201	0.234451	0.262561	0.262081	6.1401
30 2-Chloro-3-methylphenol **	0.374401	0.374061	0.349971	0.323211	0.331371	0.350601	6.7461
31 1-Methylnaphthalene	0.837711	0.711291	0.628241	0.557241	0.577971	0.662491	17.2891
32 Hexachlorocyclopentadiene *	0.271691	0.412351	0.425841	0.427731	0.458091	0.399141	18.3351
33 2,4,6-Trichlorophenol **	0.385201	0.390561	0.376921	0.378751	0.436961	0.393681	6.2981
34 2,4,5-Trichlorophenol	0.451101	0.460511	0.455061	0.431581	0.436961	0.447041	2.7461

Ecosys, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 28-MAY-93 15:51
 End Cal Date : 18-JUL-1996 14:45
 Quant Method : ISTD
 Cal Curve Type : Averaged
 Target Version : Target 2.20
 Integrator : HP RTE
 Method file : /chem/msd_2.i/2-071896.b/MA-BNA.m
 Cal Date : 12-Aug-1996 09:36 target

Calibration File Names:

Level 2: /chem/msd_2.i/2-071896.b/bna0301003.d
 Level 3: /chem/msd_2.i/2-071896.b/bna0401004.d
 Level 4: /chem/msd_2.i/2-071896.b/bna0501005.d
 Level 5: /chem/msd_2.i/2-071896.b/bna0101001.d
 Level 6: /chem/msd_2.i/2-071896.b/bna0201002.d

Compound	Level 2	Level 3	Level 4	Level 5	Level 6	RRF	% RSD/R ²
36 2-Chloronaphthalene	1.199491	1.134421	1.037051	0.996911	1.017741	1.077121	8.0161
37 2-Nitroaniline	0.311901	0.330531	0.324891	0.324101	0.333291	0.324941	2.5361
38 Dimethyl phthalate	1.574311	1.534401	1.455791	1.435251	1.461921	1.492341	3.9651
39 2,6-Dinitrotoluene	0.323651	0.360121	0.344841	0.329791	0.296881	0.331051	7.1791
42 Acenaphthylene	1.957401	1.780531	1.679991	1.548791	1.491231	1.691591	11.0291
41 3-Nitroaniline	+++++	0.218691	0.232811	0.287931	0.304791	0.261061	15.9911
43 Acenaphthene **	1.229991	1.091931	1.017841	0.979341	0.996211	1.063061	9.6651
44 2,4-Dinitrophenol *	+++++	0.145471	0.180431	0.171691	0.213991	0.177901	15.8961
47 2,4-Dinitrotoluene	0.434761	0.458661	0.426981	0.419121	0.396311	0.427171	5.3211
45 4-Nitrophenol *	0.192341	0.200171	0.190061	0.190191	0.205201	0.195591	3.4661
46 Dibenzofuran	1.742821	1.548871	1.353521	1.260471	1.380801	1.457141	13.0841
48 Diethyl phthalate	1.590641	1.463201	1.438811	1.320061	1.324241	1.427391	7.8501
50 Fluorene	1.379051	1.227441	1.104981	1.064031	1.151001	1.185301	10.4741
49 4-Chlorophenyl phenyl ether	0.715441	0.643821	0.583461	0.526991	0.549451	0.603831	12.6481
52 4-Nitroaniline	0.193051	0.209221	0.175941	0.223371	0.253661	0.211051	14.0711
51 4,6-Dinitro-2-methylphenol	0.107381	0.167111	0.182251	0.151371	0.162911	0.154201	18.4261
53 N-Nitrosodiphenylamine **	0.475111	0.410171	0.369051	0.343931	0.280541	0.375761	19.3661
54 1,2-Diphenylhydrazine	1.803281	1.342841	1.279031	1.203721	1.096951	1.345161	20.2181
56 4-Bromophenyl phenyl ether	0.349001	0.317821	0.294721	0.269761	0.275281	0.301321	10.8351
57 Hexachlorobenzene	0.466491	0.430461	0.411001	0.374771	0.379291	0.412401	9.2061
58 Pentachlorophenol **	0.179471	0.238361	0.230851	0.226571	0.241061	0.223261	11.2671
60 Phenanthrene	1.299641	1.118291	1.044291	0.970481	0.875371	1.061621	15.1271
61 Anthracene	1.322511	1.117871	1.031431	0.890521	0.875371	1.047541	17.5451
62 Carbazole	0.451111	0.464801	0.488741	0.582801	0.593891	0.516271	13.0311
63 n-butyl phthalate	1.860651	1.560971	1.490921	1.307691	1.287451	1.501531	15.4771
64 Fluoranthene **	1.464681	1.314111	1.246651	1.146841	1.133111	1.261081	10.7781
65 Pyrene	1.521551	1.429451	1.425051	1.313461	1.300881	1.398081	6.5521
67 Butyl benzyl phthalate	0.952741	0.777741	0.752361	0.695781	0.680951	0.751911	9.1711
68 Di(2-ethylhexyl) adipate	0.639461	0.558031	0.509881	0.463231	0.440921	0.522301	15.2171

Ecosys, Inc.

INITIAL CALIBRATION DATA

tart Cal Date : 28-MAY-93 15:51
 nd Cal Date : 18-JUL-1996 14:45
 uant Method : ISTD
 al Curve Type : Averaged
 arget Version : Target 2.20
 ntegrator : HP RTE
 ethod file : /chem/msd_2.i/2-071896.b/MA-BNA.m
 al Date : 12-Aug-1996 09:36 target

Calibration File Names:

evel 2: /chem/msd_2.i/2-071896.b/bna0301003.d
 evel 3: /chem/msd_2.i/2-071896.b/bna0401004.d
 evel 4: /chem/msd_2.i/2-071896.b/bna0501005.d
 evel 5: /chem/msd_2.i/2-071896.b/bna0101001.d
 evel 6: /chem/msd_2.i/2-071896.b/bna0201002.d

Compound	Level 2	Level 3	Level 4	Level 5	Level 6	RRF	% RSD/R^2
69 3,3'-Dichlorobenzidine	0.267091	0.255751	0.263021	0.280931	0.330751	0.279511	10.7611
71 Benz(a)anthracene	1.346911	1.274471	1.241691	1.172391	1.118191	1.230731	7.2221
70 Bis(2-ethylhexyl) phthalate	1.142131	0.925621	0.828931	0.747571	0.933181	0.915491	16.1531
73 Chrysene	1.196581	1.100041	1.059751	1.023361	1.118191	1.099581	5.9551
74 Di-n-octyl phthalate **	2.244541	1.932431	1.814651	1.686241	1.573071	1.850191	13.9701
75 Benzo(b)fluoranthene	1.514171	1.576131	1.577501	1.621081	1.704491	1.598671	4.4001
76 Benzo(k)fluoranthene	1.591241	1.374561	1.623621	1.317791	1.057431	1.392931	16.4921
77 Benzo(a)pyrene **	1.355741	1.307401	1.347301	1.330551	1.257941	1.319781	2.9691
79 Indeno(1,2,3-cd)pyrene	1.337381	1.416201	1.442651	1.488341	1.409831	1.418881	3.8801
80 Dibenz(a,h)anthracene	1.056351	1.139931	1.147961	1.162341	1.120151	1.125341	3.6861
81 Benzo(g,h,i)perylene	1.162961	1.143441	1.168291	1.154301	1.117191	1.149241	1.7611
1 2-Fluorophenol	0.950991	0.922241	0.864611	0.876521	0.761371	0.875141	8.2851
3 Phenol-d5	1.422091	1.198581	1.122891	1.042931	0.850481	1.127391	18.5931
17 Nitrobenzene-d5	0.440871	0.417391	0.387491	0.381141	0.377891	0.400961	6.7951
35 2-Fluorobiphenyl	1.458241	1.334851	1.210101	1.166081	1.216951	1.277241	9.3121
55 2,4,6-Tribromophenol	0.280951	0.285621	0.288971	0.264131	0.270771	0.278091	3.7361
66 Terphenyl-d14	1.123101	1.048841	1.057651	0.984741	1.021601	1.047191	4.8761

SemiVolatiles DFTPP

Lab Name: EcoSys, Inc.Client: ACE SADLedger No: 107899DFTPP Injection Date: 7/18/96Lab File ID: BNA0601006DFTPP Injection Time: 15:49Instrument ID: MSD-2Batch Number: 0717960002

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.6
68	Less than 2.0% of mass 69	0.0
69	Mass 69 relative abundance	69.5 (1)
70	Less than 2.0% of mass 69	0.0
127	40.0 - 60.0% of mass 198	52.4
197	Less than 1.0% of mass 198	0.0 (1)
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	19.4
365	Greater than 1% of mass 198	2.3
441	Present, but less than mass 443	71.2
442	Greater than 40% of mass 198	68.2
443	17.0 - 23.0% of mass 442	21.4 (2)

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	01 NA	BNA-80-38	BNA0701007	07/18/96	4:09 PM
	02 NA (MB)	AB35675	BNA1201012	07/18/96	9:28 PM
	03 #24 T-1-S3 (MS)	AB35951	BNA1301013	07/18/96	10:32 PM
	04 #24 T-1-S3 (MSD)	AB35952	BNA1401014	07/18/96	11:34 PM
	05 NA (LCS)	AB35953	BNA1501015	07/19/96	12:38 AM
	06 #22 T-1-S1	AB35668	BNA1601016	07/19/96	1:41 AM
	07 #24 T-1-S3	AB35673	BNA1701017	07/19/96	2:43 AM
	08				
	09				
	10				
	11				

NA = Not Applicable

STD = Standard

MB = Method Blank; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate

MS = Matrix Spike; MSD = Matrix Spike Duplicate

Comments: _____

QA/QC OFFICER

Ecosys, Inc.

Data file : /chem/msd_2.i/2-071896.b/bna0601006.d
Lab. Id. : DFTPP02
Inj Date : 18-JUL-96 15:49 Autotune Date: 12-Jul-96 08:12:0
Operator : BINA Inst ID: msd_2.i
Smp Info : 50NG of dft-05-39
Misc Info : TUNE FOR INSTRUMENT msd2.i
Comment :
Method : /chem/msd_2.i/2-071896.b/dftpp288.m
Meth Date : 18-Jul-1996 07:42
Cal Date : Cal File:
Als bottle: 6 QC Sample: DFTPP
Dil Factor: 1.000 Target Version: Target 2.20
Integrator: HP RTE Compound Sublist: all.sub
Sample Type: WATER

		CONCENTRATIONS					
		ON-COL	FINAL				
RT (REL RT)	MASS	RESPONSE (ug/L)	(ug/L)	TARGET	RANGE	RATIO	
dftpp				CAS #: 5074-71-5			
7.888(0.000)	198	208480				100.00(Q)	
7.888(0.000)	51	63098		0.00-	0.00	30.27	
7.888(0.000)	68	42		0.00-	0.00	0.04	
7.888(0.000)	69	99301		0.00-	0.00	47.63	
7.888(0.000)	70	0		0.00-	0.00	0.00	
7.888(0.000)	127	88501		0.00-	0.00	42.45	
7.888(0.000)	197	0		0.00-	0.00	0.00	
7.888(0.000)	199	14609		0.00-	0.00	7.01	
7.888(0.000)	275	59680		0.00-	0.00	28.63	
7.888(0.000)	365	10497		0.00-	0.00	5.04	
7.888(0.000)	441	75533		0.00-	0.00	83.95	
7.888(0.000)	442	475912		0.00-	0.00	228.28	
7.888(0.000)	443	89970		0.00-	0.00	18.90	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Ecosys, Inc.

TARGET COMPOUNDS

Client Name:	Client SDG: 2-071896.b
Client Sample ID: DFTPP02	Sample Date:
Sample Location:	Sample Point:
Lab Sample ID: DFTPP02	Date Received:
Sample Type: WATER	
Analysis Type: SU	Level: LOW
Data Type: MS DATA	Column Number: 1
Misc Info: TUNE FOR INSTRUMENT msd2.i	

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/KG) ug/L	Q
5074-71-5-----dftpp		0.0	
-----	-----	-----	-----

Data File: /chem/msd_2.1/2-0718%b/bna0601006.d

Page 3

Date : 18-JUL-96 15:49

Instrument : msd_2.1

Sample ID : DFTPP02

Column phase :

Volume Injected (μL) : 1.0

Column diameter : 2.00

/chem/msd_2.1/2-0718%b/bna0601006.d

dftpp (7.888)

3.2
3.0
2.8
2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

(x10⁶)

Time (min.)

14
13
12
11
10
9
8
7
6
5

0.31

Data File: /chem/msd_2.1/2-071896.b/bna0601006.d

Page 4

Date : 18-JUL-96 15:49

Instrument : msd_2.1

Sample ID : DFTPP02

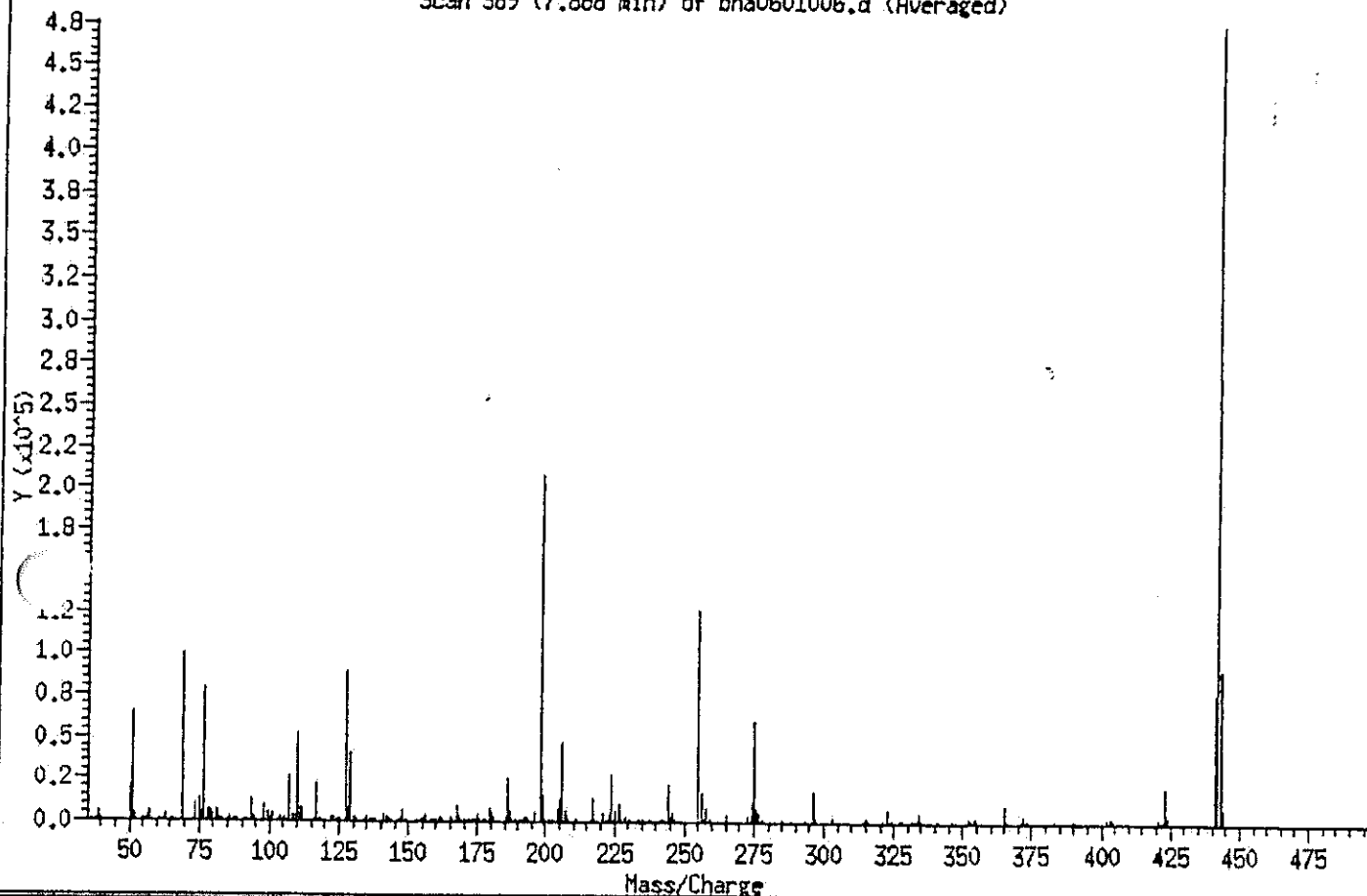
Column phase :

Column diameter : 2.00

Volume Injected (uL) : 1.0

1 dftpp

Scan 389 (7.888 min) of bna0601006.d (Averaged)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.0
51	Mass 51 relative abundance	30.3
68	Mass 68 relative abundance	0.0
69	Mass 69 relative abundance	47.6
70	Mass 70 relative abundance	0.0
127	Mass 127 relative abundance	42.5
197	Mass 197 relative abundance	0.0
199	Mass 199 relative abundance	7.0
275	Mass 275 relative abundance	28.6
365	Mass 365 relative abundance	5.0
441	Mass 441 relative abundance	84.0
442	Mass 442 relative abundance	228.3
443	Mass 443 relative abundance	18.9

Date: 18-JUL-96 15:49

Sample: msd_2.1

Sample ID: DFTPP02

Column phase:

Column diameter: 2.00

Volume Injected (uL): 1.0

Spectrum: Scan 389-391 (7.888 min) Subtraction Scan 386

Base Peak: 442.00

Number of mass peaks: 343

Mass	Abund	Mass	Abund	Mass	Abund	Mass	Abund
37.00	212	143.00	264	231.00	854	333.00	550
38.00	1016	144.00	381	232.00	208	334.00	4758
39.00	4740	145.00	305	234.00	809	335.00	1130
40.00	688	146.00	691	235.00	1091	339.00	166
41.00	338	147.00	2785	236.00	462	340.00	100
42.00	123	148.00	5200	237.00	985	341.00	1010
44.00	508	149.00	1334	238.00	240	342.00	207
46.00	330	150.00	532	239.00	477	345.00	213
48.00	337	151.00	608	240.00	545	346.00	1293
50.00	19941	152.00	115	241.00	745	347.00	201
51.00	63098	153.00	1587	242.00	1509	349.00	84
52.00	3191	154.00	697	243.00	445	352.00	2520
54.00	300	155.00	2378	244.00	21487	353.00	1870
55.00	399	156.00	3416	245.00	2419	354.00	1967
56.00	1895	157.00	127	246.00	4659	355.00	241
57.00	4563	158.00	778	247.00	1021	356.00	158
61.00	1200	159.00	436	249.00	625	358.00	68
62.00	1146	160.00	1634	250.00	343	359.00	162
63.00	3254	161.00	2320	251.00	330	362.00	69
64.00	507	162.00	739	252.00	100	364.00	76
65.00	1192	163.00	108	253.00	481	365.00	10497
66.00	286	164.00	76	255.00	125238	366.00	980
68.00	42	165.00	1670	256.00	16764	367.00	73
69.00	99301	166.00	641	257.00	1242	370.00	225
70.00	234	167.00	8594	258.00	7194	371.00	795
71.00	194	168.00	3682	259.00	945	372.00	4317
73.00	628	169.00	576	260.00	358	373.00	1622
74.00	10104	170.00	700	261.00	304	374.00	73
75.00	13755	171.00	137	262.00	190	375.00	146
76.00	4753	172.00	707	264.00	421	377.00	96
77.00	77978	173.00	1152	265.00	3136	379.00	73
78.00	5984	174.00	1790	266.00	3	382.00	66
79.00	6466	175.00	3435	268.00	608	383.00	1325
80.00	3822	176.00	1064	269.00	259	384.00	492
81.00	6193	177.00	1712	271.00	222	385.00	68

Date : 18-JUL-96 15:49

Instrument : msd_2.1

Sample ID : DFTPP02

Column phase :

Column diameter : 2.00

Volume Injected (uL) : 1.0

Spectrum: Scan 389-391 (7.888 min) Subtraction Scan 386

Base Peak: 442.00

Number of mass peaks: 343

Mass	Abund	Mass	Abund	Mass	Abund	Mass	Abund
82.00	1479	178.00	851	272.00	113	389.00	102
83.00	1421	179.00	7027	273.00	3925	390.00	664
85.00	841	180.00	4781	274.00	11451	391.00	514
86.00	2045	181.00	2778	275.00	59680	392.00	454
87.00	326	182.00	509	276.00	8087	393.00	133
88.00	825	184.00	486	277.00	4267	398.00	91
90.00	423	185.00	2718	278.00	477	401.00	489
91.00	1376	186.00	25295	281.00	125	402.00	1932
92.00	852	187.00	6384	282.00	212	403.00	2738
93.00	11757	188.00	613	283.00	551	404.00	921
94.00	544	189.00	1784	284.00	544	405.00	267
95.00	703	190.00	52	285.00	1006	406.00	121
96.00	63	191.00	1076	286.00	75	409.00	103
98.00	8940	192.00	1743	287.00	138	412.00	75
99.00	4830	193.00	2579	288.00	170	415.00	69
100.00	636	194.00	1091	289.00	105	418.00	256
101.00	3571	195.00	274	291.00	79	419.00	85
103.00	1233	196.00	5043	292.00	176	421.00	2284
104.00	2003	198.00	208480	293.00	1097	422.00	1441
105.00	2496	199.00	14609	294.00	301	423.00	20361
107.00	26295	200.00	1001	296.00	17315	424.00	3994
108.00	3493	201.00	1173	297.00	2275	425.00	375
110.00	51525	202.00	519	298.00	240	426.00	89
111.00	7606	203.00	1478	299.00	185	427.00	107
112.00	467	204.00	7337	300.00	173	430.00	67
113.00	465	205.00	12396	301.00	121	431.00	70
114.00	233	206.00	46493	302.00	301	432.00	138
115.00	132	207.00	6118	303.00	2555	433.00	92
116.00	1437	208.00	1076	304.00	142	434.00	93
117.00	20713	209.00	366	306.00	73	436.00	73
118.00	1381	210.00	572	308.00	267	438.00	213
120.00	289	211.00	1772	309.00	380	441.00	75533
121.00	364	212.00	334	310.00	204	442.00	475912
122.00	1785	213.00	255	311.00	149	443.00	89970
123.00	2668	214.00	175	312.00	83	444.00	7644

Date : 18-JUL-96 15:49

Instrument : msd_2.1

Sample ID : DFTPP02

Column phase :

Column diameter : 2.00

Volume Injected (uL) : 1.0

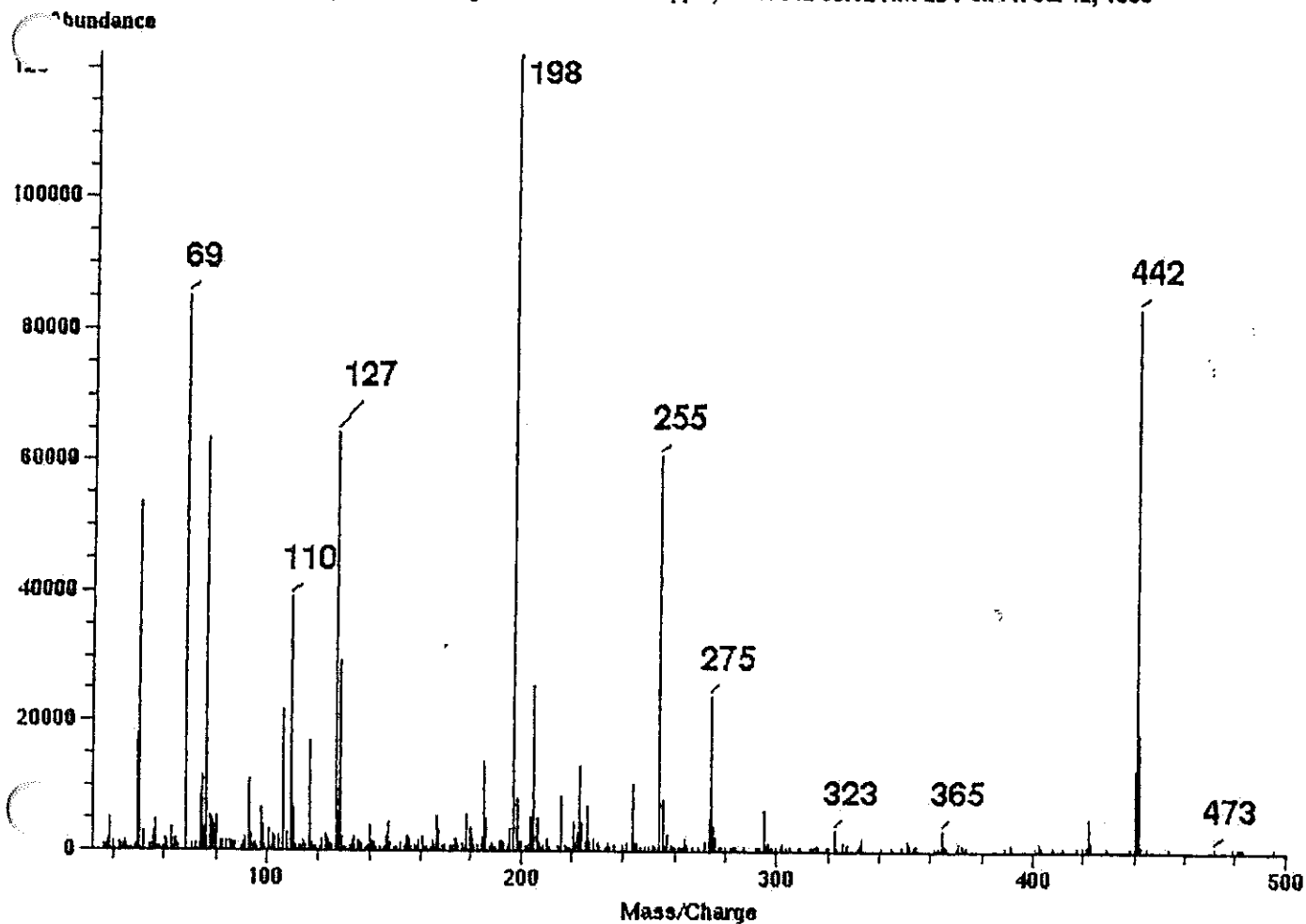
Spectrum: Scan 389-391 (7.888 min) Subtraction Scan 386

Base Peak: 442.00

Number of mass peaks: 343

Mass	Abund	Mass	Abund	Mass	Abund	Mass	Abund
124.00	1877	215.00	478	313.00	232	445.00	532
125.00	1202	216.00	1417	314.00	1051	446.00	163
126.00	350	217.00	13979	315.00	2006	455.00	77
127.00	88501	218.00	1405	316.00	1003	458.00	90
128.00	7403	219.00	371	317.00	1	461.00	116
129.00	40172	220.00	502	320.00	114	468.00	76
130.00	2939	221.00	4734	321.00	706	473.00	161
131.00	814	222.00	843	323.00	7343	474.00	89
134.00	637	223.00	3664	324.00	798	480.00	72
135.00	2522	224.00	27473	325.00	146	482.00	155
136.00	1007	225.00	6874	326.00	163	483.00	155
137.00	861	226.00	374	327.00	1300	485.00	92
138.00	678	227.00	10535	328.00	681	496.00	67
140.00	582	228.00	1807	329.00	193	498.00	82
141.00	3964	229.00	2706	330.00	169	499.00	72
142.00	1339	230.00	343	332.00	709		

Scan 389 (7.878 min) of bna0601006.d
msd_2 (ms5971-2); /chem/config/dvc/ms5971-2/dflpp.u; Tuned at 08:12 AM EDT on Fri Jul 12, 1996



Mass	Ion abundance criteria	%relative abundance
51	30.0 - 60.0% of mass 198	43.6
68	Less than 2.0% of mass 69	0.0
69	Mass 69 relative abundance is	69.5
70	Less than 2.0% of mass 69	0.0
127	40.0 to 60.0% of mass 198	52.4
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	19.4
365	Greater than 1% of mass 198	2.3
441	Present, but less than mass 443	71.2
442	Greater than 40.0% of mass 198	68.2
443	17.0 - 23.0% of mass 442	21.4

Ecosys, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd_2.i Injection Date: 18-JUL-1996 16:09
 Lab File ID: bna0701007.d Init. Calibration Date(s): 05/28/93 07/18/96
 Analysis Type: WATER Init. Calibration Times: 15:51 14:45
 Lab Sample ID: Method File: /chem/msd_2.i/2-071896.b/MA-BNA.m

COMPOUND	RRF	RF80	MIN	%D	MAX
12-Fluorophenol	0.875	0.813	0.050	7.1	30.0
Aniline	1.350	1.327	0.050	1.7	30.0
Phenol-d5	1.127	1.101	0.050	2.3	30.0
Phenol **	1.028	0.952	0.050	7.4	30.0
Bis(2-chloroethyl) ether	1.022	0.970	0.050	5.1	30.0
2-Chlorophenol	1.094	1.082	0.050	1.1	30.0
1,3-Dichlorobenzene	1.312	1.317	0.050	0.4	30.0
1,4-Dichlorobenzene **	1.255	1.261	0.050	0.4	30.0
1,2-Dichlorobenzene	1.250	1.246	0.050	0.4	30.0
Benzyl alcohol	0.912	0.876	0.050	3.9	30.0
2-Methylphenol	0.841	0.804	0.050	4.3	30.0
Bis(2-chloroisopropyl) ether	0.507	0.371	0.050	26.9	30.0
N-Nitrosodi-n-propylamine *	0.707	0.714	0.050	1.0	30.0
4-Methylphenol	0.799	0.813	0.050	1.7	30.0
Hexachloroethane	0.568	0.561	0.050	1.1	30.0
Nitrobenzene-d5	0.401	0.402	0.050	0.2	30.0
Nitrobenzene	0.348	0.363	0.050	4.5	30.0
Isophorone	0.746	0.757	0.050	1.4	30.0
2-Nitrophenol **	0.262	0.284	0.050	8.4	30.0
2,4-Dimethylphenol	0.384	0.374	0.050	2.6	30.0
Bis(2-chloroethoxy)methane	0.439	0.432	0.050	1.8	30.0
2,4-Dichlorophenol **	0.329	0.343	0.050	4.3	30.0
Benzoic acid	0.247	0.282	0.050	14.1	30.0
1,2,4-Trichlorobenzene	0.362	0.374	0.050	3.3	30.0
Naphthalene	0.927	0.918	0.050	1.0	30.0
4-Chloroaniline	0.389	0.431	0.050	10.6	30.0
Hexachlorobutadiene **	0.262	0.269	0.050	2.6	30.0
4-Chloro-3-methylphenol **	0.351	0.354	0.050	0.9	30.0
2-Methylnaphthalene	0.662	0.646	0.050	2.5	30.0
Hexachlorocyclopentadiene *	0.399	0.416	0.050	4.2	30.0
2,4,6-Trichlorophenol **	0.394	0.444	0.050	12.8	30.0
2,4,5-Trichlorophenol	0.447	0.444	0.050	0.7	30.0
2-Fluorobiphenyl	1.277	1.212	0.050	5.1	30.0
2-Chloronaphthalene	1.077	1.025	0.050	4.9	30.0
2-Nitroaniline	0.325	0.308	0.050	5.3	30.0
Dimethyl phthalate	1.492	1.438	0.050	3.7	30.0
2,6-Dinitrotoluene	0.331	0.342	0.050	3.4	30.0
Acenaphthylene	1.692	1.656	0.050	2.1	30.0
3-Nitroaniline	0.261	0.235	0.050	9.9	30.0
Acenaphthene **	1.063	1.007	0.050	5.3	30.0
2,4-Dinitrophenol *	0.178	0.170	0.050	4.5	30.0
2,4-Dinitrotoluene	0.427	0.425	0.050	0.4	30.0
4-Nitrophenol *	0.196	0.173	0.050	11.4	30.0
Dibenzofuran	1.457	1.397	0.050	4.1	30.0

Ecosys, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd_2.i Injection Date: 18-JUL-1996 16:09
 Lab File ID: bna0701007.d Init. Calibration Date(s): 05/28/93 07/18/96
 Analysis Type: WATER Init. Calibration Times: 15:51 14:45
 Lab Sample ID: Method File: /chem/msd_2.i/2-071896.b/MA-BNA.m

COMPOUND	RRF	RF80	MIN	MAX
-----	----	-----	----	-----
Fluorene	1.185	1.119	0.050	5.6
4-Chlorophenyl phenyl ether	0.604	0.572	0.050	5.3
4-Nitroaniline	0.211	0.221	0.050	4.6
4,6-Dinitro-2-methylphenol	0.154	0.182	0.050	17.8
N-Nitrosodiphenylamine **	0.376	0.372	0.050	1.0
1,2-Diphenylhydrazine	1.345	1.309	0.050	2.7
2,4,6-Tribromophenol	0.278	0.283	0.050	1.7
4-Bromophenyl phenyl ether	0.301	0.295	0.050	2.2
Hexachlorobenzene	0.412	0.409	0.050	0.9
Pentachlorophenol **	0.223	0.233	0.050	4.5
Phenanthrene	1.062	1.028	0.050	3.2
Anthracene	1.048	1.028	0.050	1.9
Carbazole	0.516	0.553	0.050	7.2
Di-n-butyl phthalate	1.502	1.447	0.050	3.6
Fluoranthene **	1.261	1.244	0.050	1.3
Pyrene	1.398	1.337	0.050	4.4
Terphenyl-d14	1.047	0.996	0.050	4.9
Butyl benzyl phthalate	0.752	0.721	0.050	4.1
Di(2-ethylhexyl) adipate	0.522	0.504	0.050	3.5
3,3'-Dichlorobenzidine	0.280	0.286	0.050	2.2
Benz(a)anthracene	1.231	1.038	0.050	15.7
Bis(2-ethylhexyl) phthalate	0.915	0.823	0.050	10.1
Chrysene	1.100	1.038	0.050	5.6
Di-n-octyl phthalate **	1.850	1.882	0.050	1.7
Benzo(b)fluoranthene	1.599	1.673	0.050	4.7
Benzo(k)fluoranthene	1.393	1.518	0.050	9.0
Benzo(a)pyrene **	1.320	1.347	0.050	2.0
Indeno(1,2,3-cd)pyrene	1.419	1.463	0.050	3.1
Dibenz(a,h)anthracene	1.125	1.144	0.050	1.7
Benzo(g,h,i)perylene	1.149	1.213	0.050	5.6

SemiVolatiles DFTPP

Lab Name: EcoSys, Inc.Client: ACE SADLedger No: 107899DFTPP Injection Date: 7/22/96Lab File ID: DFTPP072296DFTPP Injection Time: 7:52Instrument ID: MSD-2Batch Number: 0717960002

m/c	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.0
69	Mass 69 relative abundance	57.5 (1)
70	Less than 2.0% of mass 69	0.5
127	40.0 - 60.0% of mass 198	45.9
197	Less than 1.0% of mass 198	0.0 (1)
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 30.0% of mass 198	23.6
365	Greater than 1% of mass 198	2.2
441	Present, but less than mass 443	81.8
442	Greater than 40% of mass 198	91.4
443	17.0 - 23.0% of mass 442	19.4 (2)

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	01 NA (STD)	BNA-80-38	BNA0101001	07/22/96	11:13 AM
	02 #24 T-1-S1	AB35671	BNA0301003	07/22/96	1:17 PM
	03 #118 T-1-S1	AB35667	BNA0501005	07/22/96	3:22 PM
	04 #22 T-1-S3	AB35670	BNA0401004	07/22/96	2:18 PM
	05				
	06				
	07				
	08				
	09				
	10				
	11				

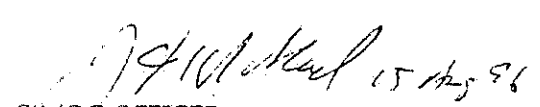
NA = Not Applicable

STD = Standard

MB = Method Blank; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate

MS = Matrix Spike; MSD = Matrix Spike Duplicate

Comments: _____


 QA/QC OFFICER

Ecosys, Inc.

Data file : /chem/msd_2.i/2-072296.b/DFTPP072296.d
Lab. Id. : DFTPP02
Inj Date : 22-JUL-96 07:52 Autotune Date: 22-Jul-96 07:51:4
Operator : BINA Inst ID: msd_2.i
Smp Info : 50NG of dft-05-39
Disc Info : TUNE FOR INSTRUMENT msd2.i
Comment :
Method : /chem/msd_2.i/2-071896.b/dftpp288.m
Meth Date : 18-Jul-1996 07:42
Cal Date : Cal File:
als bottle: 1 QC Sample: DFTPP
Oil Factor: 1.000 Target Version: Target 2.20
Integrator: HP RTE Compound Sublist: all.sub
Sample Type: WATER

		CONCENTRATIONS			
		ON-COL	FINAL		
RT (REL RT)	MASS	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO
Dftpp					
				CAS #: 5074-71-5	
7.904(0.000)	198	194648			100.00(Q)
7.904(0.000)	51	58151		0.00- 0.00	29.87
7.904(0.000)	68	0		0.00- 0.00	0.00
7.904(0.000)	69	101440		0.00- 0.00	52.11
7.904(0.000)	70	304		0.00- 0.00	0.30
7.904(0.000)	127	85656		0.00- 0.00	44.01
7.904(0.000)	197	0		0.00- 0.00	0.00
7.904(0.000)	199	12841		0.00- 0.00	6.60
7.904(0.000)	275	46461		0.00- 0.00	23.87
7.904(0.000)	365	4997		0.00- 0.00	2.57
7.904(0.000)	441	34685		0.00- 0.00	81.46
7.904(0.000)	442	227338		0.00- 0.00	116.79
7.904(0.000)	443	42579		0.00- 0.00	18.73

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Ecosys, Inc.

TARGET COMPOUNDS

Client Name:	Client SDG: 2-071896.b
Client Sample ID: DFTPP02	Sample Date:
Sample Location:	Sample Point:
Lab Sample ID: DFTPP02	Date Received:
Sample Type: WATER	
Analysis Type: SU	Level: LOW
Data Type: MS DATA	Column Number: 1
Misc Info: TUNE FOR INSTRUMENT msd2.i	

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/KG)	ug/L
5074-71-5-----dftpp		0.0	
-----		-----	-----

Data File: /chem/msd_2.1/2-072296.b/DFTPP072296.d

Page 3

Date : 22-JUL-96 07:52

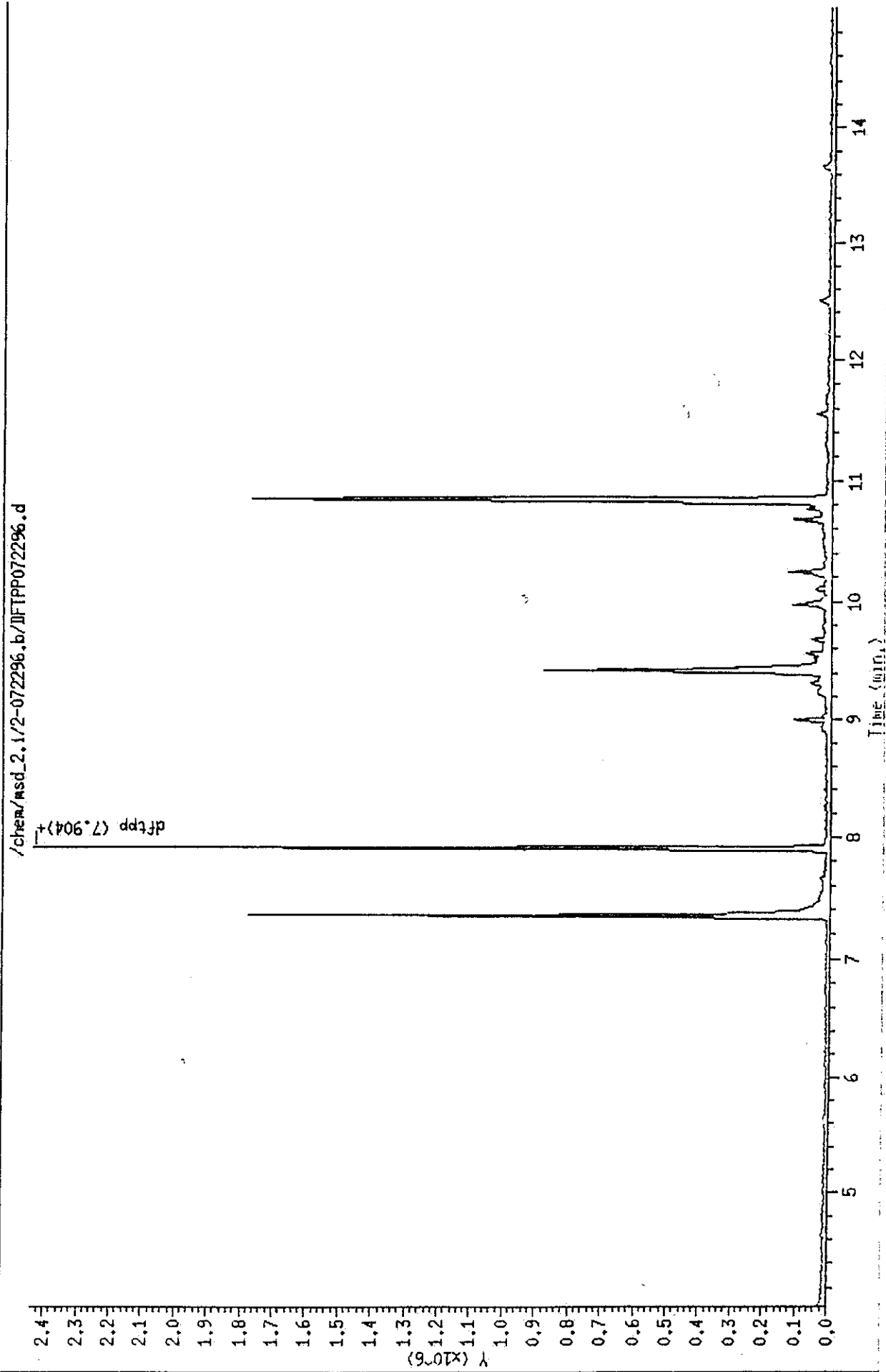
Instrument : msd_2.i

Sample ID : DFTPP02

Column phase :

Volume Injected (μL) : 1.0

Column diameter : 2.00



Date: 22-JUL-96 07:52

Document: msd_2.1

Sample ID: DFTPP02

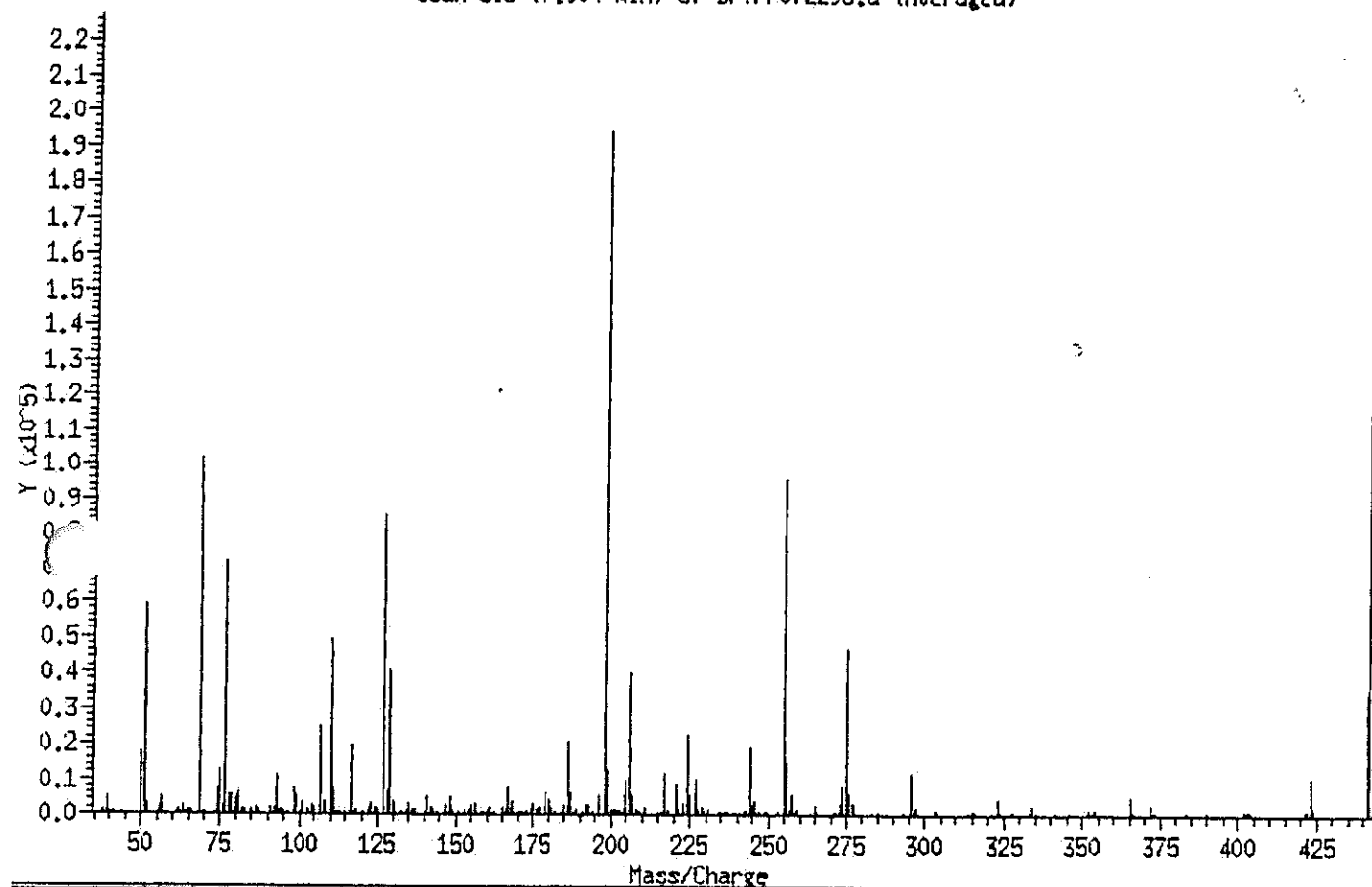
Column phase:

Column diameter: 2.00

Volume Injected (uL): 1.0

1 dftpp

Scan 395 (7.904 min) of DFTPP072296.d (Averaged)



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.0
51	Mass 51 relative abundance	29.9
68	Mass 68 relative abundance	0.0
69	Mass 69 relative abundance	52.1
70	Mass 70 relative abundance	0.3
127	Mass 127 relative abundance	44.0
197	Mass 197 relative abundance	0.0
199	Mass 199 relative abundance	6.6
275	Mass 275 relative abundance	23.9
365	Mass 365 relative abundance	2.6
441	Mass 441 relative abundance	81.5
442	Mass 442 relative abundance	116.8
443	Mass 443 relative abundance	18.7

Date : 22-JUL-96 07:52

ument : msd_2.1

Sample ID : DFTPP02

Column phase :

Column diameter : 2.00

Volume Injected (uL) : 1.0

Spectrum: Scan 395-397 (7.904 min) Subtraction Scan 392

Base Peak: 442.00

Number of mass peaks: 287

Mass	Abund	Mass	Abund	Mass	Abund	Mass	Abund
35.00	71	120.00	304	194.00	681	276.00	5748
37.00	622	121.00	240	195.00	141	277.00	3195
38.00	1154	122.00	1858	196.00	5174	278.00	514
39.00	4509	123.00	2873	198.00	194648	283.00	410
40.00	557	124.00	1662	199.00	12841	284.00	277
41.00	117	125.00	1171	200.00	934	285.00	543
42.00	184	127.00	85656	201.00	972	286.00	110
45.00	71	128.00	6744	203.00	916	291.00	68
48.00	96	129.00	40336	204.00	5290	292.00	270
49.00	235	130.00	3068	205.00	9739	293.00	718
50.00	17355	131.00	588	206.00	40109	294.00	261
51.00	58151	132.00	442	207.00	5344	296.00	11511
52.00	2993	133.00	394	208.00	1288	297.00	1570
53.00	146	134.00	1187	209.00	451	298.00	84
55.00	467	135.00	2854	210.00	469	301.00	73
56.00	2184	136.00	918	211.00	1553	302.00	271
57.00	4889	137.00	1421	214.00	67	303.00	1311
58.00	211	138.00	146	215.00	396	304.00	393
60.00	102	140.00	528	216.00	612	306.00	76
61.00	1053	141.00	4575	217.00	11692	308.00	70
62.00	1009	142.00	1759	218.00	1392	309.00	69
63.00	2652	143.00	1149	219.00	142	310.00	173
64.00	404	144.00	350	220.00	72	314.00	710
65.00	976	145.00	180	221.00	8293	315.00	1149
66.00	204	146.00	700	222.00	964	316.00	823
67.00	240	147.00	2131	223.00	2809	317.00	189
69.00	101440	148.00	4928	224.00	22678	321.00	489
70.00	304	149.00	989	225.00	5225	323.00	4308
71.00	51	150.00	83	226.00	141	324.00	883
73.00	150	151.00	430	227.00	9797	326.00	77
74.00	7152	152.00	235	228.00	1510	327.00	646
75.00	12544	153.00	1475	229.00	1905	328.00	411
76.00	2352	154.00	1013	230.00	139	332.00	238
77.00	71182	155.00	2297	231.00	1055	333.00	458
78.00	5218	156.00	3227	232.00	165	334.00	2139

Date: 22-JUL-96 07:52

Instrument: msd_2.1

Sample ID: DFTPP02

Column phase:

Column diameter: 2.00

Volume Injected (uL): 1.0

Spectrum: Scan 395-397 (7.904 min) Subtraction Scan 392

Base Peak: 442.00

Number of mass peaks: 287

Mass	Abund	Mass	Abund	Mass	Abund	Mass	Abund
79.00	5314	157.00	857	233.00	165	335.00	603
80.00	4383	158.00	818	234.00	717	341.00	582
81.00	5997	159.00	510	235.00	652	342.00	211
82.00	1281	160.00	1388	236.00	456	346.00	800
83.00	1386	161.00	2064	237.00	597	347.00	81
85.00	1053	162.00	542	238.00	73	352.00	1209
86.00	1496	163.00	202	239.00	376	353.00	825
87.00	959	164.00	139	240.00	405	354.00	1271
88.00	248	165.00	1551	241.00	554	355.00	202
89.00	235	166.00	1422	242.00	1080	365.00	4997
91.00	1670	167.00	7793	243.00	922	366.00	740
92.00	1802	168.00	3439	244.00	18784	370.00	68
93.00	10848	169.00	530	245.00	2487	371.00	274
94.00	583	170.00	101	246.00	3430	372.00	2488
95.00	466	171.00	400	247.00	692	373.00	581
96.00	149	172.00	657	248.00	108	377.00	69
98.00	7546	173.00	959	249.00	770	383.00	539
99.00	5736	174.00	1814	250.00	306	384.00	96
100.00	613	175.00	3274	252.00	207	390.00	381
101.00	2954	176.00	950	253.00	340	391.00	247
102.00	148	177.00	1584	255.00	96082	392.00	197
103.00	1062	178.00	298	256.00	14265	397.00	79
104.00	1947	179.00	6118	257.00	992	401.00	81
105.00	2094	180.00	3988	258.00	5542	402.00	1062
106.00	181	181.00	2010	259.00	1090	403.00	1452
107.00	24651	182.00	434	260.00	158	404.00	436
108.00	3680	183.00	135	261.00	95	421.00	1409
109.00	59	184.00	690	264.00	100	422.00	1298
110.00	48964	185.00	2697	265.00	1840	423.00	10351
111.00	7268	186.00	20370	266.00	837	424.00	2113
112.00	623	187.00	6069	268.00	206	425.00	187
113.00	494	188.00	660	270.00	88	441.00	34685
114.00	74	189.00	1257	271.00	317	442.00	227338
115.00	458	190.00	296	272.00	307	443.00	42579
116.00	732	191.00	779	273.00	3161	444.00	4123

Data File: /chem/msd_2.1/2-072296.b/DFTPP072296.d

Page 7

Date : 22-JUL-96 07:52

ument : msd_2.1

Sample ID : DFTPP02

Column phase :

Column diameter : 2.00

Volume Injected (uL) : 1.0

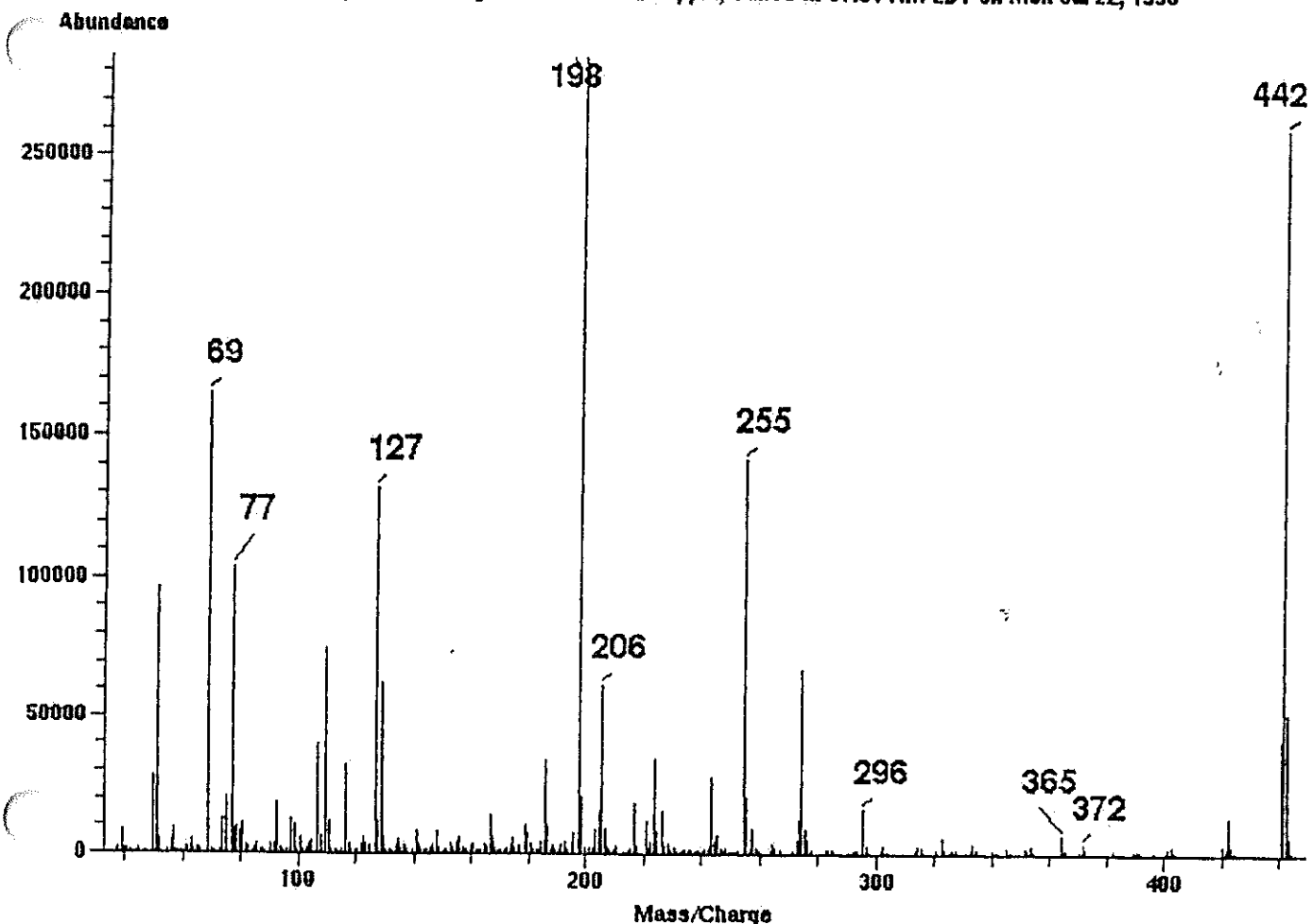
Spectrum: Scan 395-397 (7.904 min) Subtraction Scan 392

Base Peak: 442.00

Number of mass peaks: 287

Mass	Abund	Mass	Abund	Mass	Abund	Mass	Abund
117.00	19206	192.00	2200	274.00	8117	445.00	260
118.00	1422	193.00	2287	275.00	46461		

Scan 396 (7.904 min) of DFTPP072296.d
msd_2 (ms5971-2); /chem/config/dvc/ms5971-2/dftpp.u; Tuned at 07:51 AM EDT on Mon Jul 22, 1996



Mass	Ion abundance criteria	%relative abundance
51	30.0 - 60.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.0
69	Mass 69 relative abundance is	57.5
70	Less than 2.0% of mass 69	0.5
127	40.0 to 60.0% of mass 198	45.9
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 30.0% of mass 198	23.6
365	Greater than 1% of mass 198	2.2
441	Present, but less than mass 443	81.8
442	Greater than 40.0% of mass 198	91.4
443	17.0 - 23.0% of mass 442	19.4

Ecosys, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd_2.i Injection Date: 22-JUL-1996 11:13
 Lab File ID: bna0101001.d Init. Calibration Date(s): 05/28/93 07/18/96
 Analysis Type: WATER Init. Calibration Times: 15:51 09:16
 Lab Sample ID: Method File: /chem/msd_2.i/2-072296.b/MA-BNA.m

COMPOUND	RRF	RF80	MIN	MAX
12-Fluorophenol	0.875	1.057	0.050	30.0
Aniline	1.350	1.353	0.050	30.0
Phenol-d5	1.127	1.284	0.050	30.0
Phenol **	1.028	1.173	0.050	30.0
Bis(2-chloroethyl) ether	0.888	1.129	0.050	30.0
2-Chlorophenol	1.094	1.175	0.050	30.0
1,3-Dichlorobenzene	1.312	1.374	0.050	30.0
1,4-Dichlorobenzene **	1.255	1.335	0.050	30.0
1,2-Dichlorobenzene	1.250	1.325	0.050	30.0
Benzyl alcohol	0.912	1.006	0.050	30.0
2-Methylphenol	0.841	0.905	0.050	30.0
Bis(2-chloroisopropyl) ether	0.507	0.554	0.050	30.0
4-Nitrosodi-n-propylamine *	0.707	0.838	0.050	30.0
4-Methylphenol	0.799	0.974	0.050	30.0
Hexachloroethane	0.568	0.627	0.050	30.0
Nitrobenzene-d5	0.401	0.444	0.050	30.0
Nitrobenzene	0.348	0.406	0.050	30.0
Isophorone	0.746	0.876	0.050	30.0
2-Nitrophenol **	0.262	0.269	0.050	30.0
2,4-Dimethylphenol	0.384	0.403	0.050	30.0
Bis(2-chloroethoxy)methane	0.439	0.518	0.050	30.0
2,4-Dichlorophenol **	0.329	0.356	0.050	30.0
Benzoic acid	0.260	0.230	0.050	30.0
1,2,4-Trichlorobenzene	0.362	0.385	0.050	30.0
Naphthalene	0.927	0.992	0.050	30.0
4-Chloroaniline	0.389	0.293	0.050	30.0
Hexachlorobutadiene **	0.262	0.252	0.050	30.0
4-Chloro-3-methylphenol **	0.351	0.368	0.050	30.0
2-Methylnaphthalene	0.662	0.649	0.050	30.0
Hexachlorocyclopentadiene *	0.399	0.380	0.050	30.0
2,4,6-Trichlorophenol **	0.394	0.358	0.050	30.0
2,4,5-Trichlorophenol	0.447	0.425	0.050	30.0
2-Fluorobiphenyl	1.277	1.213	0.050	30.0
2-Chloronaphthalene	1.077	1.037	0.050	30.0
2-Nitroaniline	0.325	0.360	0.050	30.0
Dimethyl phthalate	1.492	1.419	0.050	30.0
2,6-Dinitrotoluene	0.331	0.339	0.050	30.0
Acenaphthylene	1.692	1.656	0.050	30.0
3-Nitroaniline	0.275	0.169	0.050	30.0
Acenaphthene **	1.063	0.987	0.050	30.0
2,4-Dinitrophenol *	0.178	0.150	0.050	30.0
2,4-Dinitrotoluene	0.427	0.445	0.050	30.0
4-Nitrophenol *	0.193	0.228	0.050	30.0
Dibenzofuran	1.457	1.414	0.050	30.0

Ecosys, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd_2.i Injection Date: 22-JUL-1996 11:13
 Lab File ID: bna0101001.d Init. Calibration Date(s): 05/28/93 07/18/96
 Analysis Type: WATER Init. Calibration Times: 15:51 09:16
 Lab Sample ID: Method File: /chem/msd_2.i/2-072296.b/MA-BNA.m

COMPOUND	RRF	RF80	MIN RRF	%D	MAX %D
Fluorene	1.185	1.111	0.050	6.3	30.0
4-Chlorophenyl phenyl ether	0.604	0.569	0.050	5.7	30.0
4-Nitroaniline	0.211	0.209	0.050	1.1	30.0
4,6-Dinitro-2-methylphenol	0.154	0.175	0.050	13.5	30.0
N-Nitrosodiphenylamine **	0.376	0.320	0.050	14.7	30.0
1,2-Diphenylhydrazine	1.345	1.573	0.050	16.9	30.0
2,4,6-Tribromophenol	0.278	0.231	0.050	16.8	30.0
4-Bromophenyl phenyl ether	0.301	0.290	0.050	3.8	30.0
Hexachlorobenzene	0.412	0.376	0.050	8.9	30.0
Pentachlorophenol **	0.223	0.228	0.050	2.2	30.0
Phenanthrene	1.062	1.138	0.050	7.2	30.0
Anthracene	1.048	1.061	0.050	1.2	30.0
Carbazole	0.516	0.373	0.050	27.7	30.0
Di-n-butyl phthalate	1.502	1.566	0.050	4.3	30.0
Fluoranthene **	1.261	1.239	0.050	1.8	30.0
Pyrene	1.398	1.360	0.050	2.7	30.0
Terphenyl-d14	1.047	0.971	0.050	7.2	30.0
Butyl benzyl phthalate	0.752	0.786	0.050	4.6	30.0
Di(2-ethylhexyl) adipate	0.522	0.561	0.050	7.5	30.0
3,3'-Dichlorobenzidine	0.280	0.207	0.050	26.1	30.0
Benz(a)anthracene	1.231	1.256	0.050	2.1	30.0
Bis(2-ethylhexyl) phthalate	0.915	0.924	0.050	1.0	30.0
Chrysene	1.100	1.079	0.050	1.9	30.0
Di-n-octyl phthalate **	1.919	1.913	0.050	0.4	30.0
Benzo(b)fluoranthene	1.572	1.445	0.050	8.1	30.0
Benzo(k)fluoranthene	1.477	1.318	0.050	10.7	30.0
Benzo(a)pyrene **	1.335	1.296	0.050	3.0	30.0
Indeno(1,2,3-cd)pyrene	1.421	1.485	0.050	4.5	30.0
Dibenz(a,h)anthracene	1.127	1.170	0.050	3.9	30.0
Benzo(g,h,i)perylene	1.157	1.235	0.050	6.7	30.0

EcoSys, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 10-MAR-1993 11:35
 End Cal Date : 14-JUN-1996 12:12
 Quant Method : ISTD
 Cal Curve Type : Averaged
 Target Version : Target 2.20
 Integrator : HP RTE
 Method file : /chem/msd3.i/3-061396.b/MA-BNA_2.m
 Cal Date : 17-Jun-1996 15:54 target

Calibration File Names:

Level 1: /chem/msd3.i/3-061396.b/BNA0301003.d
 Level 2: /chem/msd3.i/3-061396.b/BNA0401004.d
 Level 3: /chem/msd3.i/3-061396.b/BNA0501005.d
 Level 4: /chem/msd3.i/3-061396.b/BNA0601006.d
 Level 5: /chem/msd3.i/3-061396.b/BNA0901009.d

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	RRF	% RSD/R ²
1 N-Nitrosodimethylamine	0.366171	0.371021	0.354351	0.351731	0.346561	0.357971	2.8621
4 Aniline	1.345301	1.665031	1.725521	2.054301	2.105771	1.779351	17.4661
5 Phenol **	1.800381	1.736991	1.726391	1.734581	1.836301	1.766931	2.7611
6 Bis(2-chloroethyl) ether	1.866521	1.720121	1.755101	1.561771	1.524961	1.685691	8.3841
7 2-Chlorophenol	1.289351	1.227031	1.256351	1.242201	1.212271	1.245441	2.3741
8 1,3-Dichlorobenzene	1.630711	1.564311	1.574111	1.585181	1.603201	1.591501	1.6491
10 1,4-Dichlorobenzene **	1.648071	1.571291	1.617501	1.628631	1.646191	1.622341	1.9251
11 1,2-Dichlorobenzene	1.599371	1.534801	1.540621	1.552781	1.531241	1.551761	1.7941
12 Benzyl alcohol	1.484071	1.512611	1.520671	1.513631	1.482601	1.502721	1.1961
13 2-Methylphenol	1.229571	1.138211	1.157241	1.182341	1.136521	1.168771	3.3101
14 Bis(2-chloroisopropyl) ether	2.223121	1.978261	1.977071	1.902771	1.853601	1.986971	7.1541
15 4-Methylphenol	1.244931	1.216131	1.211871	1.165681	1.157671	1.199251	3.0601
16 N-Nitrosodi-n-propylamine *	1.403031	1.297751	1.272301	1.219161	1.180251	1.274501	6.6821
17 Hexachloroethane	0.722481	0.702101	0.701771	0.686141	0.679671	0.698431	2.3811
19 Nitrobenzene	0.531221	0.536861	0.548061	0.545411	0.534741	0.539261	1.3311
20 Isophorone	1.102681	1.089691	1.099771	1.087771	1.048141	1.085611	2.0171
21 2-Nitrophenol **	0.199441	0.254361	0.267581	0.266401	0.273491	0.252251	12.0251
22 2,4-Dimethylphenol	0.447721	0.453471	0.464931	0.456631	0.454171	0.455381	1.3741
23 Bis(2-Chloroethoxy)methane	0.642761	0.596421	0.592511	0.567081	0.508291	0.581411	8.4541
24 2,4-Dichlorophenol **	0.328571	0.332391	0.347301	0.344361	0.353211	0.341171	3.0341
25 Benzoic acid	++++	0.207611	0.264921	0.311921	0.317931	0.275601	18.5591
26 1,2,4-Trichlorobenzene	0.390821	0.382401	0.392521	0.392991	0.405581	0.392861	2.1131
28 Naphthalene	1.095701	1.076621	1.083341	1.092261	1.097211	1.089021	0.8061
29 4-Chloroaniline	0.535761	0.434051	0.435561	0.437901	0.414511	0.451551	10.6281
30 Hexachlorobutadiene **	0.248001	0.246001	0.244941	0.235231	0.237261	0.242291	2.3391
31 4-Chloro-3-methylphenol **	0.389511	0.403041	0.411541	0.410511	0.404571	0.403831	2.1811
32 2-Methylnaphthalene	0.737821	0.678841	0.695111	0.686811	0.698671	0.699451	3.2581
33 Hexachlorocyclopentadiene *	0.260041	0.323621	0.333891	0.351071	0.337581	0.321241	11.0811
34 2,4,6-Trichlorophenol **	0.316491	0.329571	0.331131	0.343701	0.356731	0.335521	4.5531

EcoSys, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 10-MAR-1993 11:35
 End Cal Date : 14-JUN-1996 12:12
 Quant Method : ISTD
 Cal Curve Type : Averaged
 Target Version : Target 2.20
 Integrator : HP RTE
 Method file : /chem/msd3.i/3-061396.b/MA-BNA_2.m
 Cal Date : 17-Jun-1996 15:54 target

Calibration File Names:

Level 1: /chem/msd3.i/3-061396.b/BNA0301003.d
 Level 2: /chem/msd3.i/3-061396.b/BNA0401004.d
 Level 3: /chem/msd3.i/3-061396.b/BNA0501005.d
 Level 4: /chem/msd3.i/3-061396.b/BNA0601006.d
 Level 5: /chem/msd3.i/3-061396.b/BNA0901009.d

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	RRF	% RSD/R^2
5 2,4,5-Trichlorophenol	0.363021	0.389201	0.397431	0.405931	0.393231	0.389761	4.1521
37 2-Chloronaphthalene	1.208961	1.171241	1.139231	1.169991	1.206671	1.179221	2.4671
38 2-Nitroaniline	0.362481	0.461361	0.473851	0.501351	0.490321	0.459471	12.3501
39 Dimethyl phthalate	1.592981	1.492461	1.429001	1.451491	1.476531	1.488491	4.2471
40 2,6-Dinitrotoluene	0.316431	0.341691	0.344581	0.335931	0.344251	0.336581	3.5011
41 Acenaphthylene	1.822601	1.663571	1.612651	1.655621	1.670861	1.685061	4.7561
42 3-Nitroaniline	0.327521	0.270841	0.293531	0.300471	0.336201	0.305711	8.6501
44 Acenaphthene **	1.214811	1.163021	1.150541	1.175971	1.181671	1.177201	2.0581
45 2,4-Dinitrophenol *	+++++	0.097821	0.131761	0.167201	0.192811	0.147401	28.1281
46 4-Nitrophenol *	0.270321	0.322381	0.323511	0.352281	0.335491	0.320801	9.5631
47 2,4-Dinitrotoluene	0.382451	0.446251	0.450031	0.456601	0.456291	0.438321	7.1951
48 Dibenzofuran	1.578351	1.541621	1.501311	1.559941	1.561461	1.548531	1.9001
49 Diethyl phthalate	1.691731	1.556291	1.585231	1.479741	1.478121	1.558221	5.6621
50 4-Chlorophenyl phenyl ether	0.630261	0.587371	0.592021	0.602361	0.592541	0.600911	2.8771
51 Fluorene	1.271431	1.218961	1.221511	1.267861	1.296211	1.255191	2.6881
52 4-Nitroaniline	0.154501	0.198101	0.196601	0.195521	0.181771	0.185301	9.9411
53 4,6-Dinitro-2-methylphenol	+++++	0.146791	0.169431	0.179961	0.185311	0.170371	10.0061
54 N-Nitrosodiphenylamine **	0.350051	0.284581	0.274011	0.286521	0.323751	0.303781	10.5301
55 1,2-Diphenylhydrazine	2.532211	2.455061	2.384301	2.569961	2.260641	2.440431	5.0561
57 4-Bromophenyl phenyl ether	0.286301	0.273221	0.271351	0.269091	0.251681	0.270331	4.5831
58 Hexachlorobenzene	0.348201	0.343381	0.329851	0.325781	0.329981	0.335441	2.9061
59 Pentachlorophenol **	0.119951	0.187201	0.191001	0.204841	0.203811	0.181361	19.4051
61 Phenanthrene	1.148391	1.128221	1.116281	1.135901	1.171911	1.140141	1.8641
62 Anthracene	1.140491	1.095001	1.048031	1.076201	1.083911	1.088731	3.0991
63 Carbazole	0.303951	0.246341	0.263421	0.279451	0.338321	0.286291	12.5761
4 Di-n-butyl phthalate	2.023811	1.854641	1.809391	1.771541	1.722141	1.836301	6.2951
65 Fluoranthene **	1.280691	1.204591	1.201471	1.211541	1.194551	1.218571	2.8931
66 Pyrene	1.619311	1.491931	1.447901	1.391911	1.389971	1.468201	6.4391
68 Butyl benzyl phthalate	0.975781	0.922471	0.903181	0.857401	0.867071	0.906181	5.2971

EcoSys, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 10-MAR-1993 11:35
 End Cal Date : 14-JUN-1996 12:12
 Quant Method : ISTD
 Cal Curve Type : Averaged
 Target Version : Target 2.20
 Integrator : HP RTE
 Method file : /chem/msd3.i/3-061396.b/MA-BNA_2.m
 Cal Date : 17-Jun-1996 15:54 target

Calibration File Names:

Level 1: /chem/msd3.i/3-061396.b/BNA0301003.d
 Level 2: /chem/msd3.i/3-061396.b/BNA0401004.d
 Level 3: /chem/msd3.i/3-061396.b/BNA0501005.d
 Level 4: /chem/msd3.i/3-061396.b/BNA0601006.d
 Level 5: /chem/msd3.i/3-061396.b/BNA0901009.d

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	RRF	% RSD/R ²
69 Dioctyl adipate	0.697801	0.675701	0.644981	0.610151	0.598791	0.645481	6.5171
70 3,3'-Dichlorobenzidine	0.144721	0.148261	0.164181	0.165051	0.186651	0.161771	10.2921
71 Bis(2-ethylhexyl) phthalate	1.392741	1.245391	1.226821	1.215401	1.199971	1.256061	6.2241
72 Benz(a)anthracene	1.225611	1.218031	1.216831	1.205151	1.220651	1.217251	0.6211
74 Chrysene	1.116081	1.067391	1.043711	1.015751	0.984711	1.045531	4.7931
75 Di-n-octyl phthalate **	2.817571	2.707141	2.680871	2.585761	2.528231	2.663911	4.2091
76 Benzo(b)fluoranthene	1.445331	1.481681	1.513081	1.511201	1.624531	1.515161	4.4251
77 Benzo(k)fluoranthene	1.374881	1.298521	1.263181	1.442651	1.125231	1.300891	9.2451
78 Benzo(a)pyrene **	1.260071	1.268371	1.283581	1.258341	1.266031	1.267281	0.7901
80 Indeno(1,2,3-cd)pyrene	1.070731	1.160621	1.213561	1.246391	1.300301	1.198321	7.3041
81 Dibenz(a,h)anthracene	0.949291	1.079731	1.118721	1.131491	1.138871	1.083621	7.2421
82 Benzo(g,h,i)perylene	1.104021	1.163781	1.177521	1.174041	1.186231	1.161121	2.8351
1\$ 2-Fluorophenol	1.152061	1.156601	1.172261	1.177061	1.146791	1.160951	1.1281
1\$ 3-Phenol-d5	1.747451	1.692301	1.722621	1.697301	1.685941	1.709121	1.4951
1\$ 18 Nitrobenzene-d5	0.573641	0.576521	0.588431	0.577421	0.580781	0.579361	0.9791
1\$ 36 2-Fluorobiphenyl	1.414811	1.326901	1.314571	1.358831	1.388231	1.360671	3.0661
1\$ 56 2,4,6-Tribromophenol	0.226571	0.253511	0.255621	0.259561	0.253031	0.249661	5.2711
1\$ 67 Terphenyl-d14	1.045121	0.989361	0.965191	0.935981	0.947291	0.976591	4.4331

SemiVolatiles DFTPP

Lab Name: EcoSys, Inc.Client: ACE SADLedger No: 107899DFTPP Injection Date: 7/19/96Lab File ID: DFTPP071996DFTPP Injection Time: 15:45Instrument ID: MSD-3Batch Number: 0717960002

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.1
68	Less than 2.0% of mass 69	0.0
69	Mass 69 relative abundance	65.9 (1)
70	Less than 2.0% of mass 69	0.0
127	40.0 - 60.0% of mass 198	45.5
197	Less than 1.0% of mass 198	0.0 (1)
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.0
275	10.0 - 30.0% of mass 198	21.3
365	Greater than 1% of mass 198	2.4
441	Present, but less than mass 443	69.2
442	Greater than 40% of mass 198	60.9
443	17.0 - 23.0% of mass 442	20.1 (2)

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	NA (STD)	BNA-80-38	BNA0101001	07/19/96	4:15 PM
02	#24 T-1-S2	AB35672	BNA0501005	07/19/96	8:09 PM
03	#22 T-1-S2	AB35669	BNA0901009	07/20/96	12:03 AM
04					
05					
06					
07					
08					
09					
10					
11					

NA = Not Applicable

STD = Standard

MB = Method Blank; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate

MS = Matrix Spike; MSD = Matrix Spike Duplicate

Comments: _____

QA/QC OFFICER

EcoSys, Inc.

Data file : /chem/msd3.i/3-071996.b/dftpp071996.d
Lab. Id. : DFTPP02
Inj Date : 19-JUL-96 15:45 Autotune Date: 16-Jul-96 14:05:0
Operator : BINA Inst ID: msd3.i
Smp Info : 50ng OF DFT-04-(37)
Misc Info : INSTRUMENT TUNE FOR msd3.i
Comment :
Method : /chem/msd3.i/3-071996.b/dftpp288.m
Meth Date : 19-Jul-1996 08:20
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.000 Target Version: Target 2.20
Integrator: HP RTE Compound Sublist: all.sub
Sample Type: WATER

		CONCENTRATIONS					
		ON-COL	FINAL				
RT (REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
dftpp				CAS #: 5074-71-5			
30(0.000)	198	94088					100.00(Q)
7.480(0.000)	51	53570			0.00-	0.00	56.94
7.480(0.000)	68	0			0.00-	0.00	0.00
7.480(0.000)	69	63570			0.00-	0.00	67.56
7.480(0.000)	70	0			0.00-	0.00	0.00
7.480(0.000)	127	44197			0.00-	0.00	46.97
7.480(0.000)	197	0			0.00-	0.00	0.00
7.480(0.000)	199	5470			0.00-	0.00	5.81
7.480(0.000)	275	19689			0.00-	0.00	20.93
7.480(0.000)	365	2073			0.00-	0.00	2.20
7.480(0.000)	441	8178			0.00-	0.00	72.19
7.480(0.000)	442	57530			0.00-	0.00	61.14
7.480(0.000)	443	11328			0.00-	0.00	19.69

QC Flag Legend

Q - Qualifier signal failed the ratio test.

EcoSys, Inc.

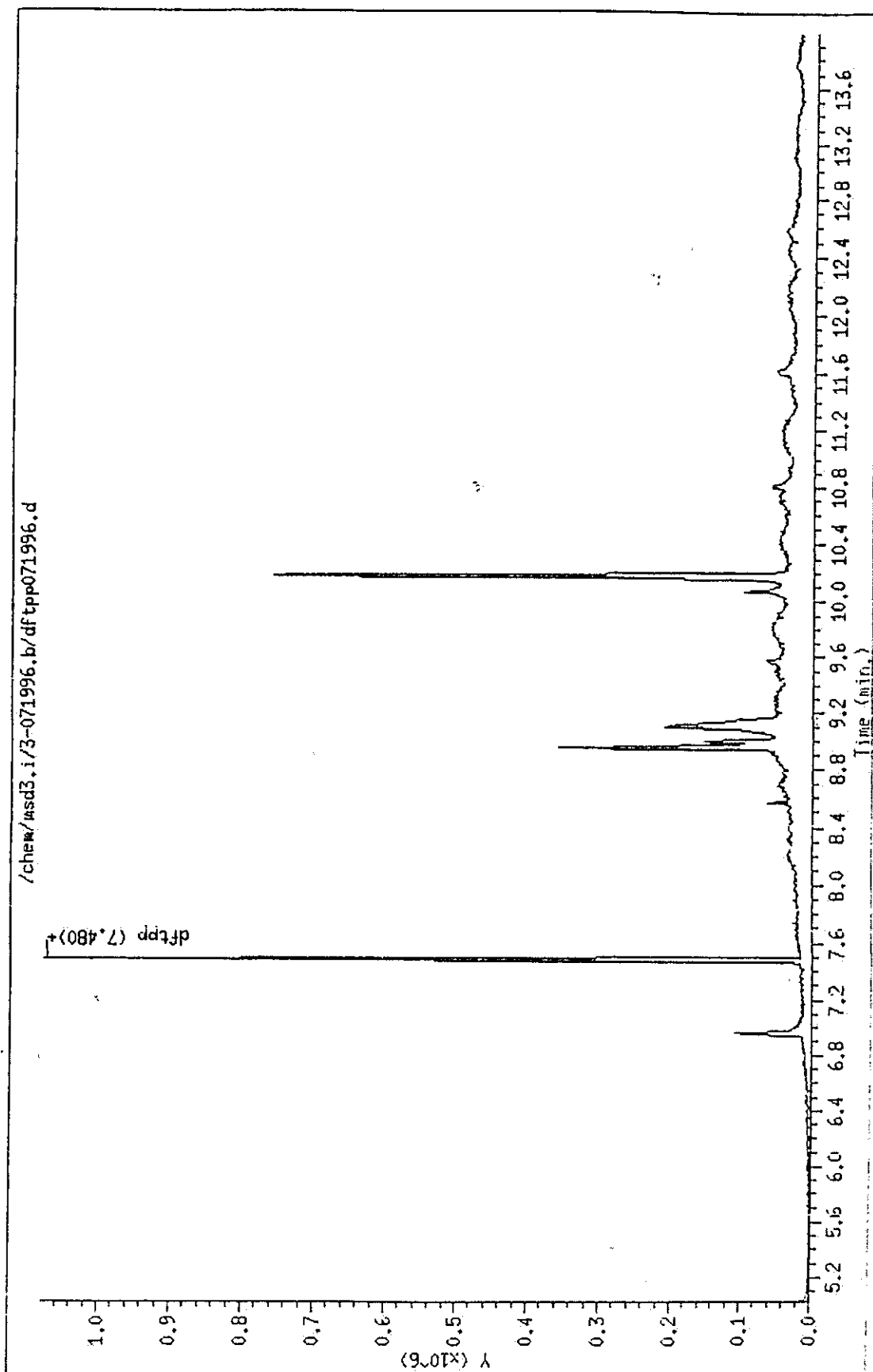
TARGET COMPOUNDS

Client Name:	Client SDG: 3-071996.b
Client Sample ID: DFTPP02	Sample Date:
Sample Location:	Sample Point:
Lab Sample ID: DFTPP02	Date Received:
Sample Type: WATER	
Analysis Type: SU	Level: LOW
Data Type: MS DATA	Column Number: 1
Misc Info: INSTRUMENT TUNE FOR msd3.i	

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/KG) ug/L	Q
5074-71-5-----dftpp		0.0	
=====	=====	=====	=====

Data File: /chem/msd3.i/3-071996.b/dftpp071996.d
 Date : 19-JUL-96 15:45
 Instrument : msd3.i
 Sample ID : DFTPP02
 Column phase :
 Volume Injected (uL) : 1.0

Column diameter : 2.00



Date : 19-JUL-96 15:45

Instrument : msd3.1

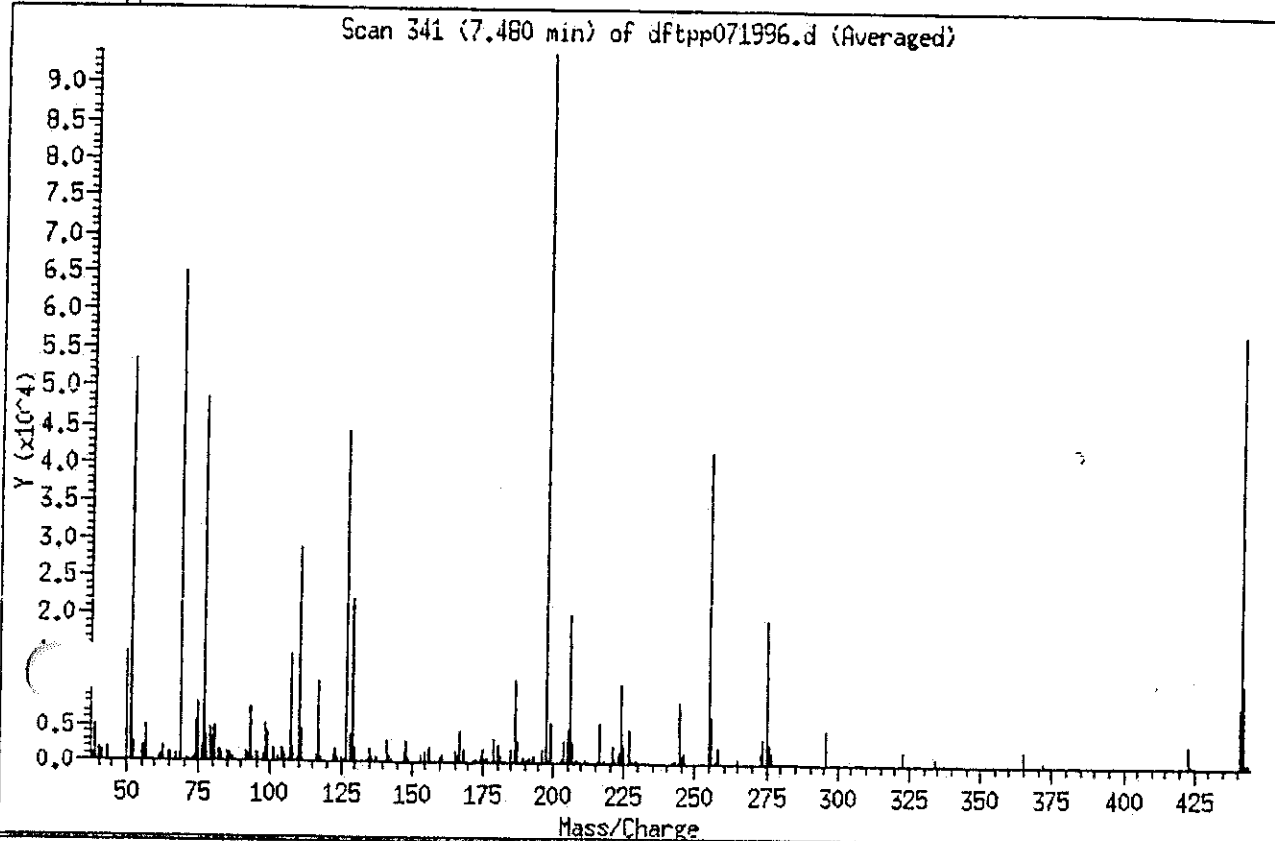
Ie ID : DFTPP02

Column phase :

Column diameter : 2.00

Volume Injected (uL) : 1.0

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.0
51	Mass 51 relative abundance	56.9
68	Mass 68 relative abundance	0.0
69	Mass 69 relative abundance	67.6
70	Mass 70 relative abundance	0.0
127	Mass 127 relative abundance	47.0
137	Mass 137 relative abundance	0.0
199	Mass 199 relative abundance	5.8
275	Mass 275 relative abundance	20.9
365	Mass 365 relative abundance	2.2
441	Mass 441 relative abundance	72.2
442	Mass 442 relative abundance	61.1
443	Mass 443 relative abundance	19.7

Date : 19-JUL-96 15:45

Instrument : msd3.1

le ID : DFTPP02

Column phase :

Column diameter : 2.00

Volume Injected (uL) : 1.0

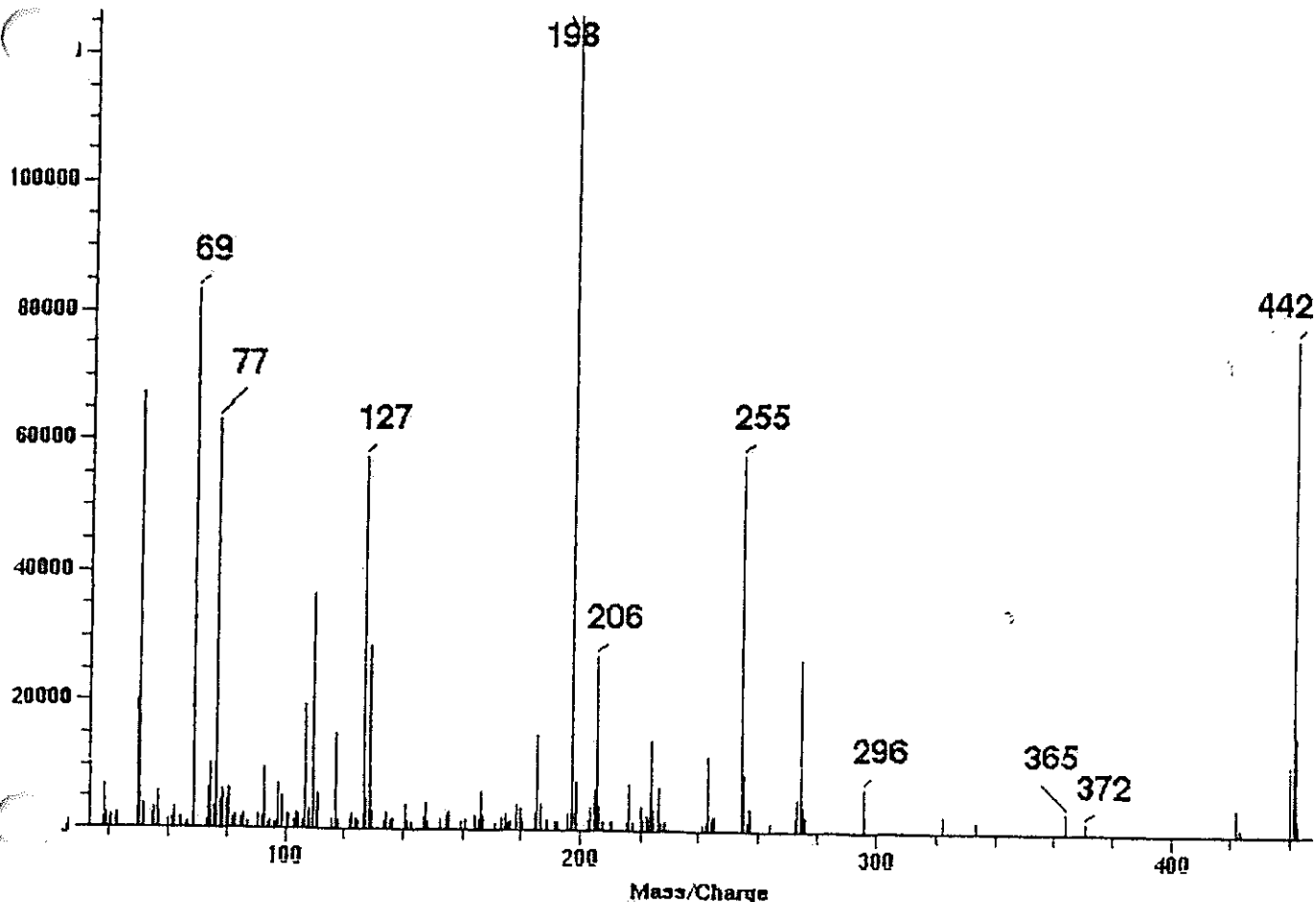
Spectrum: Scan 341-343 (7.480 min) Subtraction Scan 337

Base Peak: 198.00

Number of mass peaks: 139

Mass	Abund	Mass	Abund	Mass	Abund	Mass	Abund
38.00	768	98.00	5164	160.00	581	221.00	2295
39.00	4908	99.00	3921	161.00	814	222.00	542
40.00	386	101.00	1854	165.00	1420	223.00	1311
50.00	15041	103.00	514	166.00	754	224.00	10763
51.00	53570	104.00	1606	167.00	4263	225.00	2272
52.00	2576	105.00	1274	168.00	1657	227.00	4645
55.00	5	106.00	272	172.00	239	228.00	276
56.00	2309	107.00	14671	173.00	262	229.00	369
57.00	3643	108.00	2150	174.00	822	242.00	263
61.00	682	110.00	28829	175.00	1714	243.00	280
62.00	747	111.00	4350	176.00	256	244.00	8325
63.00	2151	116.00	784	177.00	601	245.00	1135
65.00	1169	117.00	10946	179.00	3195	246.00	1446
69.00	63570	118.00	651	180.00	2269	255.00	41653
73.00	585	122.00	882	181.00	958	256.00	6282
74.00	5496	123.00	1799	185.00	1705	257.00	272
75.00	8134	124.00	636	186.00	11220	258.00	2151
76.00	2431	125.00	557	187.00	2925	265.00	670
77.00	48626	127.00	44197	189.00	680	273.00	1427
78.00	3512	128.00	3598	191.00	254	274.00	3427
79.00	4483	129.00	21780	192.00	713	275.00	19689
80.00	3269	130.00	1884	193.00	997	276.00	2621
81.00	3887	134.00	353	196.00	1661	277.00	1463
92.00	1359	135.00	1654	198.00	94088	296.00	4717
83.00	587	136.00	527	199.00	5470	323.00	1612
85.00	1171	137.00	719	203.00	680	334.00	993
86.00	1015	141.00	2904	204.00	2740	365.00	2073
87.00	504	142.00	726	205.00	4688	372.00	445
91.00	1452	143.00	243	206.00	20228	423.00	2821
92.00	1149	147.00	1371	207.00	2651	424.00	264
93.00	7582	148.00	2964	208.00	320	441.00	8178
94.00	511	149.00	533	211.00	333	442.00	57530
95.00	27	153.00	745	216.00	306	443.00	11328
96.00	265	155.00	1481	217.00	5534	444.00	680
97.00	15	156.00	1884	218.00	350		

Abundance



Mass	Ion abundance criteria	%relative abundance
51	30.0 - 60.0% of mass 198	53.1
68	Less than 2.0% of mass 69	0.0
69	Mass 69 relative abundance is	65.9
70	Less than 2.0% of mass 69	0.0
127	40.0 to 60.0% of mass 198	45.5
197	Less than 1.0% of mass 198	0.0
198	Base peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.0
275	10.0 - 30.0% of mass 198	21.3
365	Greater than 1% of mass 198	2.4
441	Present, but less than mass 443	69.2
442	Greater than 40.0% of mass 198	60.9
443	17.0 - 23.0% of mass 442	20.1

EcoSys, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd3.i Injection Date: 19-JUL-1996 16:15
 Lab File ID: bna0101001.d Init. Calibration Date(s): 03/10/93 06/14/96
 Analysis Type: WATER Init. Calibration Times: 11:35 12:12
 Lab Sample ID: Method File: /chem/msd3.i/3-071996.b/MA-BNA_2.m

COMPOUND	RRF	RF80	MIN	RRF	%D	MAX
-----	-----	-----	-----	-----	-----	-----
12-Fluorophenol	1.161	1.288	0.050	11.0	30.0	
1Phenol-d5	1.709	1.921	0.050	12.4	30.0	
1Aniline	1.779	1.803	0.050	1.3	30.0	
1Phenol **	1.767	2.120	0.050	20.0	30.0	
1Bis(2-chloroethyl) ether	1.686	1.811	0.050	7.4	30.0	
12-Chlorophenol	1.245	1.392	0.050	11.8	30.0	
11,3-Dichlorobenzene	1.592	1.639	0.050	3.0	30.0	
11,4-Dichlorobenzene **	1.622	1.651	0.050	1.7	30.0	
11,2-Dichlorobenzene	1.552	1.542	0.050	0.6	30.0	
1Benzyl alcohol	1.503	1.420	0.050	5.5	30.0	
12-Methylphenol	1.169	1.145	0.050	2.0	30.0	
1Bis(2-chloroisopropyl) ether	1.987	2.527	0.050	27.2	30.0	
14-Methylphenol	1.199	1.292	0.050	7.7	30.0	
1-Nitrosodi-n-propylamine *	1.274	1.329	0.050	4.3	30.0	
1Hexachloroethane	0.698	0.769	0.050	10.2	30.0	
1Nitrobenzene-d5	0.579	0.652	0.050	12.6	30.0	
1Nitrobenzene	0.539	0.608	0.050	12.7	30.0	
1Isophorone	1.086	1.033	0.050	4.9	30.0	
12-Nitrophenol **	0.252	0.282	0.050	12.0	30.0	
12,4-Dimethylphenol	0.455	0.436	0.050	4.2	30.0	
1Bis(2-Chloroethoxy)methane	0.581	0.575	0.050	1.2	30.0	
12,4-Dichlorophenol **	0.341	0.336	0.050	1.6	30.0	
1Benzoic acid	0.276	0.221	0.010	20.0	30.0	
11,2,4-Trichlorobenzene	0.393	0.368	0.050	6.5	30.0	
1Naphthalene	1.089	1.010	0.050	7.2	30.0	
14-Chloroaniline	0.452	0.359	0.050	20.6	30.0	
1Hexachlorobutadiene **	0.242	0.235	0.050	3.1	30.0	
14-Chloro-3-methylphenol **	0.404	0.352	0.050	12.9	30.0	
12-Methylnaphthalene	0.699	0.577	0.050	17.5	30.0	
1Hexachlorocyclopentadiene *	0.321	0.356	0.050	10.8	30.0	
12,4,6-Trichlorophenol **	0.336	0.336	0.050	0.2	30.0	
12,4,5-Trichlorophenol	0.390	0.383	0.050	1.8	30.0	
12-Fluorobiphenyl	1.361	1.414	0.050	4.0	30.0	
12-Chloronaphthalene	1.179	1.264	0.050	7.2	30.0	
12-Nitroaniline	0.459	0.567	0.050	23.4	30.0	
1Dimethyl phthalate	1.488	1.489	0.050	0.0	30.0	
12,6-Dinitrotoluene	0.337	0.351	0.050	4.4	30.0	
1Acenaphthylene	1.685	1.679	0.050	0.3	30.0	
1-Nitroaniline	0.306	0.283	0.050	7.4	30.0	
1Acenaphthene **	1.177	1.082	0.050	8.1	30.0	
12,4-Dinitrophenol *	0.147	0.160	0.050	8.3	30.0	
14-Nitrophenol *	0.321	0.254	0.050	20.8	30.0	
12,4-Dinitrotoluene	0.438	0.418	0.050	4.6	30.0	
1Dibenzofuran	1.549	1.389	0.050	10.3	30.0	
1Diethyl phthalate	1.558	1.310	0.050	16.0	30.0	

EcoSys, Inc.

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: msd3.i Injection Date: 19-JUL-1996 16:15
 Lab File ID: bna0101001.d Init. Calibration Date(s): 03/10/93 06/14/96
 Analysis Type: WATER Init. Calibration Times: 11:35 12:12
 Lab Sample ID: Method File: /chem/msd3.i/3-071996.b/MA-BNA_2.m

COMPOUND	RRF	RF80	MIN RRF	%D	MAX %D
14-Chlorophenyl phenyl ether	0.601	0.512	0.050	14.7	30.0
Fluorene	1.255	1.047	0.050	16.6	30.0
14-Nitroaniline	0.185	0.199	0.050	7.6	30.0
14,6-Dinitro-2-methylphenol	0.170	0.214	0.050	25.4	30.0
1N-Nitrosodiphenylamine **	0.304	0.487	0.050	60.3	30.0
1,2-Diphenylhydrazine	2.440	3.070	0.050	25.8	30.0
12,4,6-Tribromophenol	0.250	0.206	0.050	17.4	30.0
14-Bromophenyl phenyl ether	0.270	0.323	0.050	19.4	30.0
1Hexachlorobenzene	0.335	0.351	0.050	4.6	30.0
1Pentachlorophenol **	0.181	0.142	0.050	21.5	30.0
1Phenanthrene	1.140	1.152	0.050	1.1	30.0
1Anthracene	1.089	1.120	0.050	2.9	30.0
1Carbazole	0.286	0.802	0.050	180.2	30.0
1Di-n-butyl phthalate	1.836	1.670	0.050	9.0	30.0
1Fluoranthene **	1.219	0.977	0.050	19.8	30.0
1Pyrene	1.468	1.664	0.050	13.3	30.0
1Terphenyl-d14	0.977	1.107	0.050	13.4	30.0
1Butyl benzyl phthalate	0.906	1.024	0.050	13.0	30.0
1Dioctyl adipate	0.645	0.717	0.050	11.0	30.0
13,3'-Dichlorobenzidine	0.162	0.219	0.050	35.3	30.0
1Bis(2-ethylhexyl) phthalate	1.256	1.305	0.050	3.9	30.0
1Benz(a)anthracene	1.217	1.210	0.050	0.6	30.0
1Chrysene	1.046	1.089	0.050	4.2	30.0
1Di-n-octyl phthalate **	2.664	2.982	0.050	11.9	30.0
1Benzo(b)fluoranthene	1.515	1.473	0.050	2.8	30.0
1Benzo(k)fluoranthene	1.301	1.516	0.050	16.5	30.0
1Benzo(a)pyrene **	1.267	1.326	0.050	4.6	30.0
1Indeno(1,2,3-cd)pyrene	1.198	1.469	0.050	22.6	30.0
1Dibenz(a,h)anthracene	1.084	1.258	0.050	16.1	30.0
1Benzo(g,h,i)perylene	1.161	1.224	0.050	5.4	30.0

SemiVolatile Method Blank Summary

Lab Name: EcoSys, Inc.	Client: ACE-SAD
Ledger No(s): 107899	Extraction Method No.: SW3550
Batch No(s): 0717960002	Date Extracted: 7/16/96
Lab File ID: BNA1201012	Date Analyzed: 7/18/96
Lab Sample ID: AB35675	Time Analyzed: 9:28 PM
Cleanup Method: NA	Level: Low
Instrument ID: MSD-2	Matrix: Soil

This method blank applies to the following samples, MS and MSD:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed
1	#118 T-1-S1	AB35667	BNA0501005	7/22/96
2	#22 T-1-S1	AB35668	BNA1601016	7/19/96
3	#22 T-1-S2	AB35669	BNA0901009	7/20/96
4	#22 T-1-S3	AB35670	BNA0401004	7/22/96
5	#24 T-1-S1	AB35671	BNA0301003	7/22/96
6	#24 T-1-S2	AB35672	BNA0501005	7/19/96
7	#24 T-S-S3	AB35673	BNA1701017	7/19/96
8	NA (MS)	AB35951	BNA1301013	7/18/96
9	NA (MSD)	AB35952	BNA1401014	7/18/96
10	NA (LCS)	AB35953	BNA1501015	7/19/96
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

NA = Not Applicable

MB = Method Blank; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate

MS = Matrix Spike; MSD = Matrix Spike Duplicate

Comments:

QA/QC Officer

062

Soil Volatile MS/MSD Recovery

Lab Name: EcoSys, Inc.	Client: ACE SAD
Ledger No(s): 107899	Matrix Spike/Spike dup AB35673 REF
Batch No(s): 0717960002	AB35951 MS
Lab File ID: BNA1301013/BNA1401014	AB35952 MSD

Compound	Spike Added (ug/Kg)	Sample	MS	MS % Recovery	#	QC Limits Recovery
		Conc (ug/Kg)	Conc (ug/Kg)			
Phenol	3330	ND	2300	69		26-90
2-Chlorophenol	3330	ND	2270	68		25-102
1,4-Dichlorobezene	1670	ND	1200	72		28-104
N-Nitroso-di-n-propylamine	1670	ND	1260	75		41-126
1,2,4-Trichlorobenzene	1670	ND	1160	69		38-107
4-Chloro-3-methylphenol	3330	ND	2230	67		26-103
Acenaphthene	1670	ND	1320	79		31-137
4-Nitrophenol	3330	ND	1940	58		11-114
2,4-Dinitrotoluene	1670	ND	1220	73		28-89
Pentachlorophenol	3330	ND	2480	74		17-109
Pyrene	1670	ND	1470	88		35-142

Compound	Spike Added (ug/Kg)	MSD	MSD % Recovery	#	% RPD	#	QC Limits	
		Conc (ug/Kg)					RPD	Recovery
Phenol	3330	2280	68		1		35	26-90
2-Chlorophenol	3330	2160	65		5		50	25-102
1,4-Dichlorobezene	1670	1190	71		1		27	28-104
N-Nitroso-di-n-propylamine	1670	1200	72		5		38	41-126
1,2,4-Trichlorobenzene	1670	1160	69		0		23	38-107
4-Chloro-3-methylphenol	3330	2120	64		5		33	26-103
Acenaphthene	1670	1220	73		8		19	31-137
4-Nitrophenol	3330	2050	62		6		50	11-114
2,4-Dinitrotoluene	1670	1190	71		2		47	28-89
Pentachlorophenol	3330	2450	74		1		47	17-109
Pyrene	1670	1390	83		6		36	35-142

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

ND = Not Detected

RPD: 0 out of 11 outside limits

Spike Recovery: 0 out of 22 outside limits

Comments: _____

[Signature]
QA/QC Officer

063

External Standard Report

```

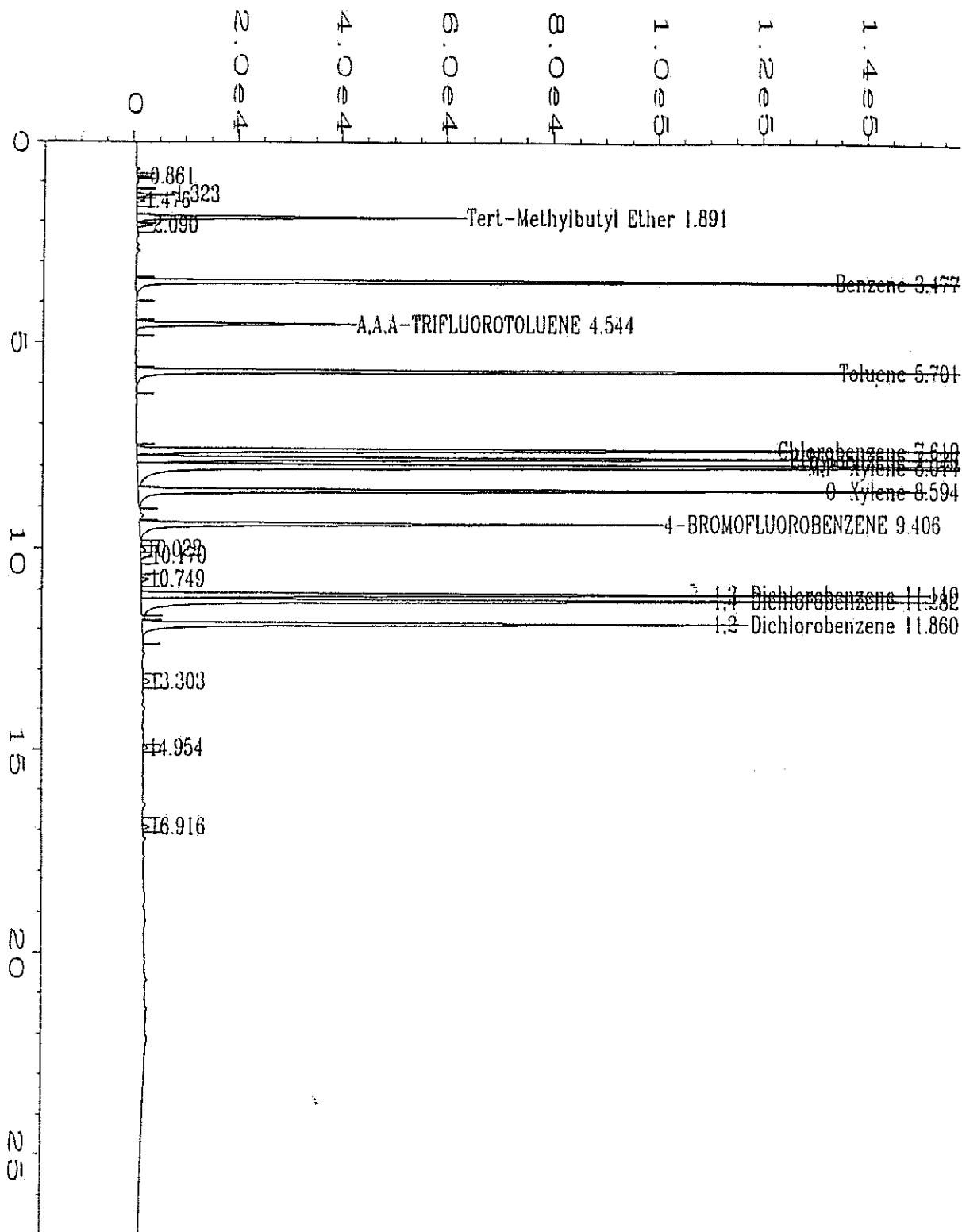
Data File Name   : C:\HPCHEM\1\DATA\b071596\30715F01.D
Operator        : Doug Anderson
Instrument       : GC3
Sample Name      : 20ppb 8020 ccv
Run Time Bar Code:
Acquired on     : 15 Jul 96  04:20 PM
Report Created on: 15 Jul 96  04:48 PM
Last Recalib on : 14 JUN 96 10:38 AM
Multiplier      : 1
Sample Info     : 16ppb surr

Page Number      : 1
Vial Number      : 1
Injection Number : 1
Sequence Line    : 1
Instrument Method: 3B061396.MTH
Analysis Method  : 3B061396.MTH
Sample Amount    : 0
ISTD Amount      :
  
```

Sig. 1 in C:\HPCHEM\1\DATA\b071596\30715F01.D

Ret Time	Area	Type	Width	Ref#	ppb	Name
1.891	235384	BV	0.059	1	20.286	Tert-Methylbutyl Ether
3.477	741851	BB	0.056	1	18.936	Benzene
4.544	174949	BV	0.065	1	15.838	A,A,A-TRIFLUOROTOLUENE
5.701	708907	PB	0.060	1	18.872	Toluene
7.619	695472	BV	0.059	1	18.426	Chlorobenzene
7.826	633434	VV	0.063	1	18.838	Ethylbenzene
8.014	1485251	VV	0.065	1	38.420	M,P-Xylene
8.594	622836	VV	0.064	1	18.892	O-Xylene
9.406	403957	VV	0.062	1	15.861	4-BROMOFLUOROBENZENE
11.119	610804	BV	0.063	1	18.028	1,3-Dichlorobenzene
11.282	668477	VV	0.067	1	19.555	1,4-Dichlorobenzene
11.860	481886	VB	0.065	1	20.222	1,2-Dichlorobenzene

07159635



Data File Name	: C:\HPCHEM\1\DATA\b071596\30715F01.D	Page Number	: 1
Operator	: Doug Anderson	Vial Number	: 1
Instrument	: GC3	Injection Number	: 1
Sample Name	: 20ppb 8020 ccv	Sequence Line	: 1
Run Time Bar Code:		Instrument Method	: 3B061396.MTH
Acquired on	: 15 Jul 96 04:20 PM	Analysis Method	: 3B061396.MTH
Report Created on	: 15 Jul 96 04:48 PM	Sample Amount	: 0
Last Recalib on	: 14 JUN 96 10:38 AM	ISTD Amount	:
Multiplier	: 1		
Sample Info	: 16ppb surr		

Aromatic Volatile Organics Method Blank Summary

Lab Name: EcoSys, Inc.	Client: ACE-SAD
Ledger No(s): 107899	
Batch No: 071596BS	Date Analyzed: 7/15/96
Lab File ID: 30715F02	Time Analyzed: 16:53
Lab Sample ID: AB35675	Level: Low
Instrument ID: GC3	Matrix: Soil

This method blank applies to the following samples, MS and MSD:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed
1	#118 T-1-S1	AB35667	30715F06	7/16/96
2	#22 T-1-S1	AB35668	30715F07	7/16/96
3	#22 T-1-S2	AB35669	30715F08	7/16/96
4	#22 T-1-S3	AB35670	30715F09	7/16/96
5	NA (LCS)	AB36146	30715F03	7/15/96
6	#118 T-1-S1 (MS)	AB36147	30715F04	7/15/96
7	#118 T-1-S1 (MSD)	AB36148	30715F05	7/15/96
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

NA - Not Applicable

LCS - Laboratory Control Sample; LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike; MSD - Matrix Spike Duplicate

Comments:

QA/QC Officer

[Signature] 16 Aug 96

Aromatic Volatile Organics MS/MSD Recovery

Lab Name: EcoSys, Inc.
 Ledger No: 107899
 Batch No: 071596BS
 Lab File ID: 30715F04/30715F05

Client: ACE-SAD
 Matrix Spike/Lab Sample No: AB35667 REF
 AB36147 MS
 AB36148 MSD
 Matrix: Soil
 Level (Low/Medium): Low

Compound	Spike Added (ug/Kg)	Sample Conc (ug/Kg)	MS Conc (ug/Kg)	MS % Recovery	#	QC Limits Recovery
Benzene	20	ND	18	88		40-160
Toluene	20	ND	16	81		40-160
Chlorobenzene	20	ND	14	72		40-160
Ethylbenzene	20	ND	14	70		40-160
m,p-Xylene	40	ND	27	68		40-160
o-Xylene	20	ND	14	70		40-160
1,3-Dichlorobenzene	20	ND	9	46		40-160
1,4-Dichlorobenzene	20	ND	9	47		40-160
1,2-Dichlorobenzene	20	ND	10	52		40-160

Compound	Spike Added (ug/Kg)	MSD Conc (ug/Kg)	MSD % Recovery	#	% RPD	#	QC Limits	
Benzene	20	14	68		26		RPD	Recovery
Toluene	20	12	62		27		30	40-160
Chlorobenzene	20	11	55		27		30	40-160
Ethylbenzene	20	11	54		25		30	40-160
m,p-Xylene	40	20	51		30		30	40-160
o-Xylene	20	11	53		27		30	40-160
1,3-Dichlorobenzene	20	7	37	*	22		30	40-160
1,4-Dichlorobenzene	20	8	41		13		30	40-160
1,2-Dichlorobenzene	20	9	45		14		30	40-160

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of OC limits

ND = Not Detected

RPD: 0 out of 9 outside limits

Spike Recovery: 1 out of 18 outside limits

Comments: _____

QA/QC Officer

Btxsms

Printed: 8/16/96/4:14 PM

Aromatic Volatile Organics LCS Recoveries

Lab Name: EcoSys, Inc.
 Ledger No: 107899
 Batch No: 071596BS
 Lab File ID: 30715F03

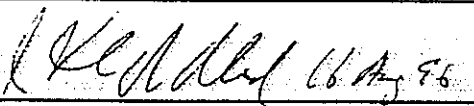
Client: ACE-SAD
 Laboratory Control Sample No: AB36146
 Level (Low/Med): Low
 Matrix: Soil

Compound	Spike Added (ug/Kg)	LCS Conc (ug/Kg)	LCS % Recovery	#	QC Limits
					Recovery
Benzene	20	19	95		61-145
Toluene	20	19	95		61-145
Chlorobenzene	20	19	97		61-145
Ethylbenzene	20	19	95		61-145
m,p-Xylene	40	39	96		61-145
o-Xylene	20	19	96		61-145
1,3-Dichlorobenzene	20	20	98		61-145
1,4-Dichlorobenzene	20	20	100		61-145
1,2-Dichlorobenzene	20	22	109		61-145

* Values outside of OC limits
 ND = Not Detected

Spike Recovery: 0 out of 9 outside limits

Comments: _____


 QA/QC Officer

Aromatic Volatile Organics Surrogate Recovery Summary

Lab Name: EcoSys, Inc.
Ledger No(s): 107899
Batch No.: 071596BS
GC Column : DB-VXR

Client: ACE-SAD

Matrix: SOIL
Level: LOW

[illegible]

Surrogate Recovery Limits: 40-160%

Column to be used to flag recovery values

* Values outside of required QC limits

ND = Not Detected

DO = Diluted Out

Comments:

QA/QC Officer

Bbxssurr

Printed: 8/16/96/4:07 PM

External Standard Report

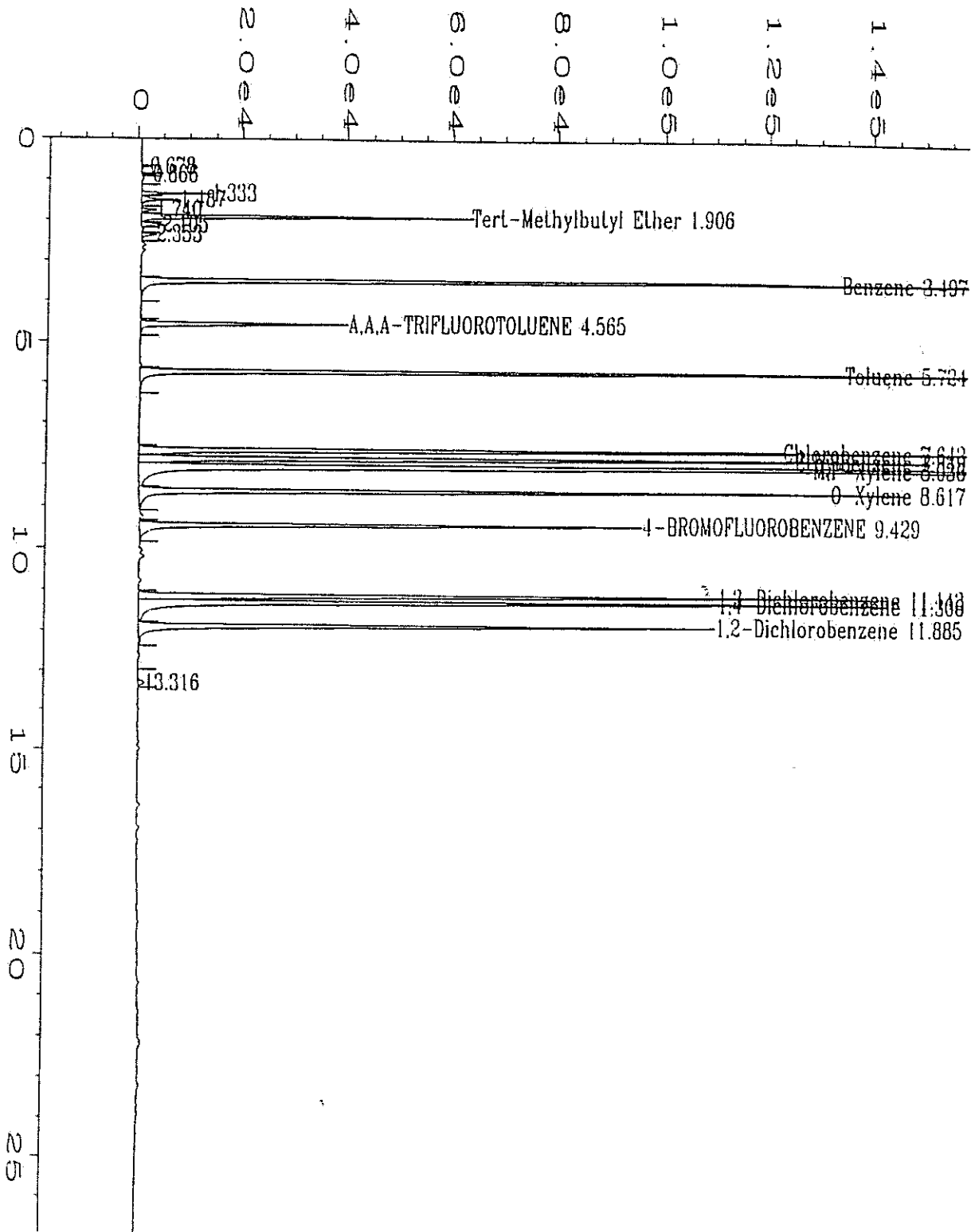
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Data File Name      : C:\HPCHEM\1\DATA\b071696\30716F01.D
Operator           : Doug Anderson
Instrument          : GC3
Sample Name        : 20ppb 8020 ccv
Run Time Bar Code  :
Acquired on        : 16 Jul 96  04:28 PM
Report Created on   : 16 Jul 96  04:56 PM
Last Recalib on    : 14 JUN 96 10:38 AM
Multiplier         : 1
Sample Info        : 16ppb surr
Page Number        : 1
Vial Number        : 1
Injection Number    : 1
Sequence Line      : 1
Instrument Method   : 3B061396.MTH
Analysis Method    : 3B061396.MTH
Sample Amount      : 0
ISTD Amount        :
  
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Sig. 1 in C:\HPCHEM\1\DATA\b071696\30716F01.D

Ret Time	Area	Type	Width	Ref#	ppb	Name
1.906	237285	VV	0.059	1	20.472	Tert-Methylbutyl Ether
3.497	703735	BB	0.056	1	17.895	Benzene
4.565	164104	BB	0.065	1	14.857	A,A,A-TRIFLUOROTOLUENE
5.724	675256	VB	0.060	1	17.916	Toluene
7.642	665822	BV	0.059	1	17.597	Chlorobenzene
7.849	606006	VV	0.063	1	17.975	Ethylbenzene
8.036	1409071	VV	0.064	1	36.319	M,P-Xylene
8.617	595801	VV	0.064	1	18.026	O-Xylene
9.429	384836	PV	0.062	1	15.111	4-BROMOFLUOROBENZENE
11.143	582424	BV	0.063	1	17.157	1,3-Dichlorobenzene
11.306	644061	VV	0.068	1	18.805	1,4-Dichlorobenzene
11.885	471296	VV	0.066	1	19.755	1,2-Dichlorobenzene

072 071696025



Data File Name	: C:\HPCHEM\1\DATA\b071696\30716F01.D	Page Number	: 1
Operator	: Doug Anderson	Vial Number	: 1
Instrument	: GC3	Injection Number	: 1
Sample Name	: 20ppb 8020 ccv	Sequence Line	: 1
Run Time Bar Code:		Instrument Method	: 3B061396.MTH
Acquired on	: 16 Jul 96 04:28 PM	Analysis Method	: 3B061396.MTH
Report Created on	: 16 Jul 96 04:56 PM	Sample Amount	: 0
Last Recalib on	: 14 JUN 96 10:38 AM	ISTD Amount	:
Multiplier	: 1		
Sample Info	: 16ppb surr		

Aromatic Volatile Organics Method Blank Summary

Lab Name: EcoSys, Inc.	Client: ACE-SAD
Ledger No(s): 107899	
Batch No: 071696BS	Date Analyzed: 7/16/96
Lab File ID: 30716F02	Time Analyzed: 17:01
Lab Sample ID: AB36149	Level: Low
Instrument ID: GC3	Matrix: Soil

This method blank applies to the following samples, MS and MSD:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed
1	#24 T-1-S1	AB35671	30716F06	7/16/96
2	#24 T-1-S2	AB35672	30716F07	7/16/96
3	#24 T-1-S3	AB35673	30716F08	7/16/96
4	NA (LCS)	AB36150	30716F03	7/16/96
5	#24 T-1-S1 (MS)	AB36151	30716F04	7/16/96
6	#24 T-1-S1 (MSD)	AB36152	30716F05	7/16/96
7				
8				
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10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

NA - Not Applicable

LCS - Laboratory Control Sample; LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike; MSD - Matrix Spike Duplicate

Comments:

[Signature]
 QA/QC Officer

071

Aromatic Volatile Organics MS/MSD Recovery

Lab Name: EcoSys, Inc.
 Ledger No: 107899
 Batch No: 071696BS
 Lab File ID: 30716F04/30716F05

Client: ACE-SAD
 Matrix Spike/Lab Sample No: AB35671 REF
 AB36151 MS
 AB36152 MSD
 Matrix: Soil
 Level (Low/Medium): Low

Compound	Spike Added: (ug/Kg)	Sample Conc (ug/Kg)	MS Conc (ug/Kg)	MS % Recovery	#	QC Limits Recovery
Benzene	20	ND	17	85		40-160
Toluene	20	ND	17	84		40-160
Chlorobenzene	20	ND	17	83		40-160
Ethylbenzene	20	ND	16	81		40-160
m,p-Xylene	40	ND	31	77		40-160
o-Xylene	20	ND	16	80		40-160
1,3-Dichlorobenzene	20	ND	15	76		40-160
1,4-Dichlorobenzene	20	ND	15	77		40-160
1,2-Dichlorobenzene	20	ND	16	82		40-160

Compound	Spike Added: (ug/Kg)	MSD Conc (ug/Kg)	MSD % Recovery	#	% RPD	#	QC Limits RPD	Recovery
Benzene	20	15	73		15		30	40-160
Toluene	20	14	70		18		30	40-160
Chlorobenzene	20	14	69		18		30	40-160
Ethylbenzene	20	12	58		33	*	30	40-160
m,p-Xylene	40	16	39	*	65	*	30	40-160
o-Xylene	20	10	50		46	*	30	40-160
1,3-Dichlorobenzene	20	12	60		23		30	40-160
1,4-Dichlorobenzene	20	12	60		24		30	40-160
1,2-Dichlorobenzene	20	12	61		29		30	40-160

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of OC limits

ND = Not Detected

RPD: 3 out of 9 outside limits
 Spike Recovery: 1 out of 18 outside limits

Comments: _____

[Signature]
 QA/QC Officer

Aromatic Volatile Organics LCS Recoveries

Lab Name: EcoSys, Inc.
 Ledger No: 107899
 Batch No: 071696BS
 Lab File ID: 30716F03

Client: ACE-SAD
 Laboratory Control Sample No: AB36150
 Level (Low/Med): Low
 Matrix: Soil

Compound	Spike Added (ug/Kg)	LCS Conc (ug/Kg)	LCS % Recovery	#	QC Limits Recovery
Benzene	20	17	85		61-145
Toluene	20	17	85		61-145
Chlorobenzene	20	17	87		61-145
Ethylbenzene	20	17	86		61-145
m,p-Xylene	40	34	86		61-145
o-Xylene	20	17	86		61-145
1,3-Dichlorobenzene	20	17	87		61-145
1,4-Dichlorobenzene	20	18	89		61-145
1,2-Dichlorobenzene	20	20	98		61-145

* Values outside of OC limits
 ND = Not Detected

Spike Recovery: 0 out of 9 outside limits

Comments: _____

QA/QC Officer

Aromatic Volatile Organics Surrogate Recovery Summary

Lab Name: EcoSys, Inc.
Ledger No(s): 107899
Batch No.: 071696BS
GC Column : DB-VXR

Client: ACE-SAD
Matrix: SOIL
Level: LOW

[illegible]

Surrogate Recovery Limits: 40-160%

Column to be used to flag recovery values

* Values outside of required QC limits

ND = Not Detected

DO = Diluted Out

Comments:

QA/QC Officer

External Standard Report

Water

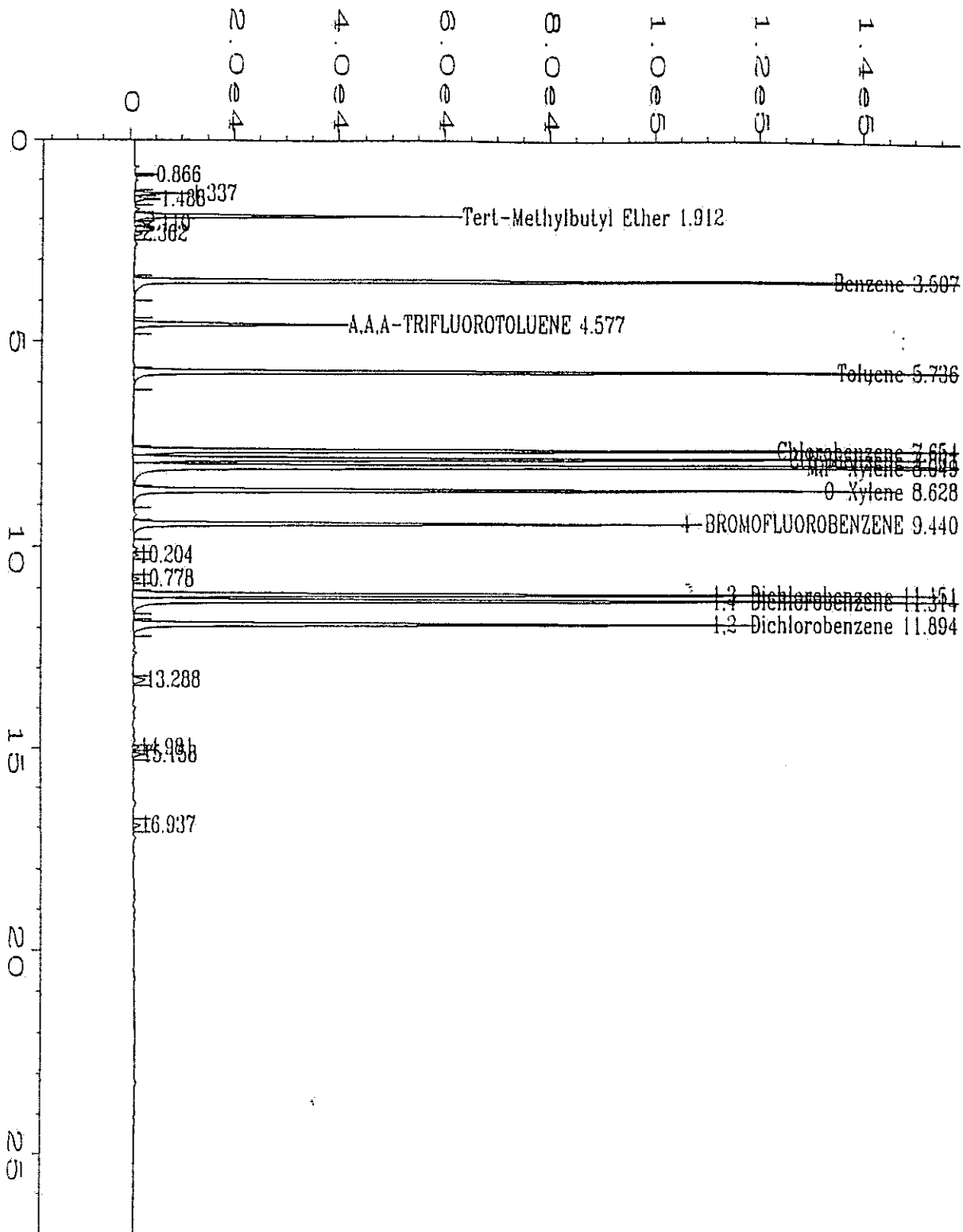
```

Data File Name   : C:\HPCHEM\1\DATA\b071696\30716F09.D
Operator        : Doug Anderson
Instrument       : GC3
Sample Name     : 20ppb 8020 ccv
Run Time Bar Code:
Acquired on     : 16 Jul 96 08:53 PM
Report Created on: 16 Jul 96 09:21 PM
Last Recalib on : 14 JUN 96 10:38 AM
Multiplier      : 1
Sample Info     : 16ppb surr

Page Number      : 1
Vial Number      : 9
Injection Number : 1
Sequence Line    : 1
Instrument Method: 3B061396.MTH
Analysis Method  : 3B061396.MTH
Sample Amount    : 0
ISTD Amount      :
  
```

Sig. 1 in C:\HPCHEM\1\DATA\b071696\30716F09.D

Ret Time	Area	Type	Width	Ref#	ppb	Name
1.912	236094	VV	0.059	1	20.355	Tert-Methylbutyl Ether
3.507	695162	BB	0.057	1	17.661	Benzene
4.577	169155	BV	0.065	1	15.314	A,A,A-TRIFLUOROTOLUENE
5.736	663914	VB	0.059	1	17.594	Toluene
7.654	670980	BV	0.058	1	17.742	Chlorobenzene
7.861	596425	VV	0.061	1	17.673	Ethylbenzene
8.049	1375392	VV	0.063	1	35.389	M,P-Xylene
8.628	585850	VV	0.063	1	17.707	O-Xylene
9.440	411219	PB	0.059	1	16.147	4-BROMOFLUOROBENZENE
11.151	595844	BV	0.061	1	17.569	1,3-Dichlorobenzene
11.314	614536	VV	0.060	1	17.899	1,4-Dichlorobenzene
11.894	466910	PV	0.061	1	19.562	1,2-Dichlorobenzene



Data File Name	: C:\HPCHEM\1\DATA\b071696\30716F09.D	Page Number	: 1
Operator	: Doug Anderson	Vial Number	: 9
Instrument	: GC3	Injection Number	: 1
Sample Name	: 20ppb 8020 ccv	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	3B061396.MTH
Acquired on	: 16 Jul 96 08:53 PM	Analysis Method	: 3B061396.MTH
Report Created on:	: 16 Jul 96 09:21 PM	Sample Amount	: 0
Last Recalib on	: 14 JUN 96 10:38 AM	ISTD Amount	:
Multiplier	: 1		
Sample Info	: 16ppb surr		

Aromatic Volatile Organics Method Blank Summary

Lab Name: EcoSys, Inc. Ledger No(s): 107899 Batch No: 071696BW Lab File ID: 30716F10 Lab Sample ID: AB35676 Instrument ID: GC3	Client: ACE-SAD Date Analyzed: 7/16/96 Time Analyzed: 21:26 Level: Low Matrix: Water
---	--

This method blank applies to the following samples, MS and MSD:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed
1	TRIP BLANK	AB35674	30716F15	7/17/96
2	NA (LCS)	AB36153	30716F11	7/16/96
3	TRIP BLANK (MS)	AB36154	30716F12	7/16/96
4	TRIP BLANK (MSD)	AB36155	30716F14	7/16/96
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

NA - Not Applicable

LCS - Laboratory Control Sample; LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike; MSD - Matrix Spike Duplicate

Comments: _____

QA/QC Officer

J. M. Muel 16 Aug 96

150

Aromatic Volatile Organics MS/MSD Recovery

Lab Name: EcoSys, Inc.
 Ledger No: 107899
 Batch No: 071696BW
 Lab File ID: 30716F12/30716F14

Client: ACE-SAD
 Matrix Spike/Lab Sample No: AB35674 REF
 AB36154 MS
 AB36155 MSD
 Matrix: Water
 Level (Low/Med): Low

Compound	Spike Added (ug/Kg)	Sample Conc (ug/Kg)	MS Conc (ug/Kg)	MS % Recovery	#	QC Limits Recovery
Benzene	20	ND	17	86		80-120
Toluene	20	ND	17	86		80-120
Chlorobenzene	20	ND	17	86		80-120
Ethylbenzene	20	ND	17	86		80-120
m,p-Xylene	40	ND	34	86		80-120
o-Xylene	20	ND	17	85		80-120
1,3-Dichlorobenzene	20	ND	17	85		80-120
1,4-Dichlorobenzene	20	ND	17	86		80-120
1,2-Dichlorobenzene	20	ND	19	93		80-120

Compound	Spike Added (ug/Kg)	MSD Conc (ug/Kg)	MSD % Recovery	#	% RPD	#	QC Limits	
Benzene	20	20	101		16		RPD	Recovery
Toluene	20	20	101		16		30	80-120
Chlorobenzene	20	20	101		16		30	80-120
Ethylbenzene	20	20	101		16		30	80-120
m,p-Xylene	40	40	100		15		30	80-120
o-Xylene	20	20	99		15		30	80-120
1,3-Dichlorobenzene	20	20	100		17		30	80-120
1,4-Dichlorobenzene	20	20	101		17		30	80-120
1,2-Dichlorobenzene	20	22	110		17		30	80-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of OC limits

ND = Not Detected

RPD: 0 out of 9 outside limits

Spike Recovery: 0 out of 18 outside limits

Comments: _____

JH A. Aluel 16 May 96
 QA/QC Officer

OSI

Aromatic Volatile Organics LCS Recoveries

Lab Name: EcoSys, Inc.

Ledger No: 107899

Batch No: 071696BW

Lab File ID: 30716F11

Client: ACE-SAD

Laboratory Control Sample No: AB36153

Level (Low/Med): Low

Matrix: Water

Compound	Spike Added (ug/Kg)	LCS	LCS % Recovery	#	QC Limits Recovery
		Conc (ug/Kg)			
Benzene	20	17	83		80-120
Toluene	20	17	84		80-120
Chlorobenzene	20	17	84		80-120
Ethylbenzene	20	17	84		80-120
m,p-Xylene	40	34	84		80-120
o-Xylene	20	17	84		80-120
1,3-Dichlorobenzene	20	17	83		80-120
1,4-Dichlorobenzene	20	17	84		80-120
1,2-Dichlorobenzene	20	18	91		80-120

* Values outside of OC limits

ND = Not Detected

Spike Recovery: 0 out of 9 outside limits

Comments: _____

QA/QC Officer

Aromatic Volatile Organics Surrogate Recovery Summary

Lab Name: EcoSys, Inc.
Ledger No(s): 107899
Batch No.: 071696BW
GC Column : DB-VXR

Client: ACE-SAD

Matrix: Water
Level: Low

[illegible]

Surrogate Recovery Limits: 80-120%

Column to be used to flag recovery values

* Values outside of required QC limits

ND = Not Detected

DO = Diluted Out

Comments:

QA/QC Officer/

753

External Standard Report

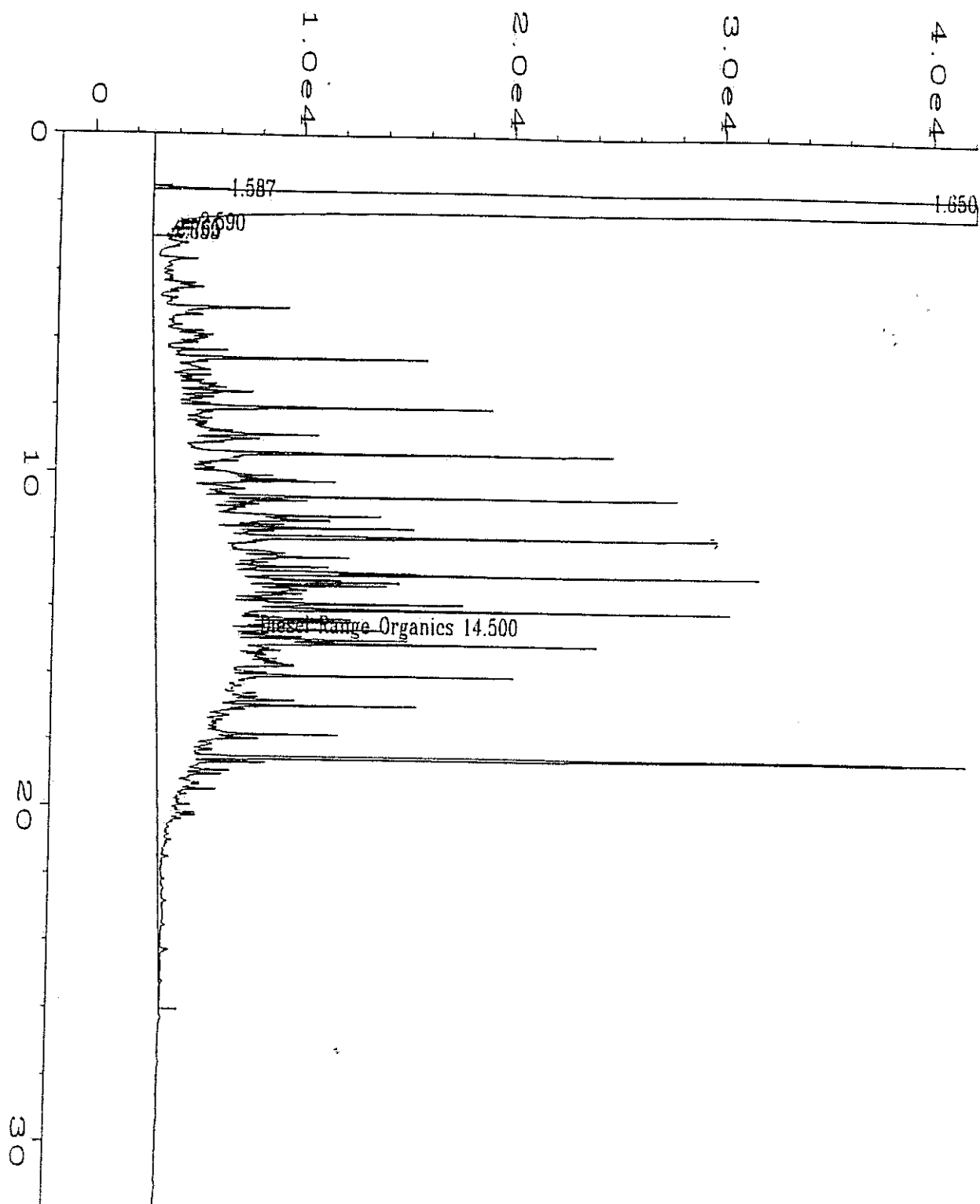
```

=====
Data File Name   : C:\HPCHEM\1\DATA\DR072496\20724R04.D
Operator        : D. ANDERSON
Instrument       : GC2
Sample Name     : 1000 ppm dro std
Time Bar Code   :
Acquired on    : 24 Jul 96 05:46 PM
Report Created on: 25 Jul 96 09:11 AM
Last Recalib on : 25 JUL 96 09:05 AM
Multiplier     : 1
Sample Info    : 100ppm surr

Page Number      : 1
Vial Number     : 4
Injection Number : 1
Sequence Line   : 1
Instrument Method: RDL72496.MTH
Analysis Method : RDL72496.MTH
Sample Amount   : 0
ISTD Amount     :
  
```

Sig. 2 in C:\HPCHEM\1\DATA\DR072496\20724R04.D

Ret Time	Area	Type	Width	Ref#	ppb	Name
14.500	4266326	BB +	0.000	1	972.722	Diesel Range Organics
1.587	8776	BV	0.034		8776.262	* uncalibrated *
1.650	6.78419E+008	HVAS	0.118		6.8E+008	* uncalibrated *
2.590	4656	BV T	0.057		4655.786	* uncalibrated *
2.765	528	VV T	0.043		528.223	* uncalibrated *
2.853	1267	VV T	0.077		1267.238	* uncalibrated *



Data File Name	: C:\HPCHEM\1\DATA\DR072496\20724R04.D	Page Number	: 1
Operator	: D. ANDERSON	Vial Number	: 4
Instrument	: GC2	Injection Number	: 1
Sample Name	: 1000 ppm dro std	Sequence Line	: 1
Run Time Bar Code:		Instrument Method:	RDL72496.MTH
Acquired on	: 24 Jul 96 05:46 PM	Analysis Method	: RDL72496.MTH
Report Created on:	25 Jul 96 09:11 AM	Sample Amount	: 0
Last Recalib on	: 25 JUL 96 09:05 AM	ISTD Amount	:
Multiplier	: 1		
Sample Info	: 100ppm surr		

Diesel Range Organics Method Blank Summary

Lab Name: EcoSys, Inc.
 Ledger No(s): 107899
 Batch No: 0718960002
 Lab File ID: 20724R08
 Lab Sample ID: AB35675
 Instrument ID: GC2

Client: ACE SAD
 Extraction Method No.: SW3550
 Date Extracted: 7/17/96
 Date Analyzed: 7/24/96
 Time Analyzed: 8:17 PM
 Level: Low
 Matrix: Soil

This method blank applies to the following samples, LCS, and LCSD.

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed
1	#118 T1-S1	AB35667	20724R13	7/24/96
2	NA (LCS)	AB36038	20724R09	7/24/96
3	#118 T1-S1 (MS)	AB36036	20724R14	7/25/96
4	#118 T1-S1 (MSD)	AB36037	20724R15	7/25/96
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

NA - Not Applicable

LCS - Laboratory Control Sample; LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike; MSD - Matrix Spike Duplicate

Comments: _____

QA/QC Officer

Handwritten signature: J. H. H. 16 Aug 96

086

Diesel Range Organics MS/MSD Recovery

Lab Name: EcoSys, Inc.
 Ledger No: 107899
 Batch No: 0718960002
 Lab File ID: 20724R14/20724R15

Client: ACESAD
 Matrix Spike/Matrix dup No.: AB35667 REF
 AB36036 MS
 AB36037 MSD
 Matrix: Soil
 Level Med/Low Low

Compound	Spike Added (mg/Kg)	Sample Conc (mg/Kg)	MS Conc (mg/Kg)	MS % Recovery	#	QC Limits Recovery
DIESEL RANGE ORG	50	ND	56	112		50-150

Compound	Spike Added (mg/Kg)	MSD Conc (mg/Kg)	MSD % Recovery	#	% RPD	#	QC Limits	
DIESEL RANGE ORG	25	19	76		2.4		RPD	Recovery
							50	50-150

Column to be used to flag recovery and RPD values with an asterisk

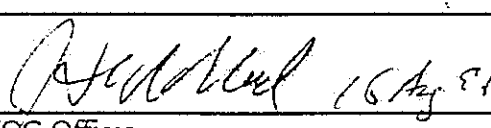
* Values outside of OC limits

ND = Not Detected

RPD: 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits

Comments: _____


 QA/QC Officer

Diesel Range Organics LCS Recovery Summary

Lab Name: EcoSys, Inc.
 Ledger No: 107899
 Batch No: 0718960002
 Lab File ID: 20724R09

Client: ACE-SAD
 Lab Control Sample No: AB36038
 Matrix: Soil
 Level (Low/Med): Low

Compound	Spike Added mg/Kg	Sample Conc mg/Kg	LCS Conc mg/Kg	LCS % Recovery	#	QC Limits Recovery
DIESEL RANGE ORG.	67	NR	65	97		60-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits

Comments: _____

[Signature]
 QA/QC Officer

088

Diesel Range Organics Surrogate Recovery Summary

Lab Name: EcoSys, Inc.
Ledger No(s): 107899
Batch No.: 0718960002
GC Column: DB-5

Client: ACE-SAD

Matrix: Soil
Level: Low

[illegible]

Surrogate Recovery Limits: 40-160%

Column to be used to flag recovery values

* Values outside of required QC limits

ND = Not Detected

DO = Diluted Out

Comments:

QA/QC Officer

Grosurs

Printed: 8/16/96/4:53 PM

TRPH Method Blank Summary

Lab Name: EcoSys, Inc.
 Ledger No(s): 107899
 Batch No: 071796B
 Lab File ID: NA
 Lab Sample ID: AB35675
 Instrument ID: FTIR

Client: ACE SAD
 Extraction Method No.:
 Date Extracted:
 Date Analyzed: 7/17/96
 Time Analyzed:
 Matrix: Soil

This method blank applies to the following samples, LCS, and LCSD.

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed
1	#22 T1-S1	AB35668	NA	7/17/96
2	NA (LCS)	NA	NA	7/17/96
3	#22 T1-S1 (MS)	NA	NA	7/17/96
4	#22 T1-S1 (MSD)	NA	NA	7/17/96
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

NA - Not Applicable

LCS - Laboratory Control Sample; LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike; MSD - Matrix Spike Duplicate

Comments: _____

QA/QC Officer

C. J. [Signature] 10 Aug 96

030

TRPH MS/MSD Recovery Summary

Lab Name: EcoSys, Inc.
 Ledger No: 107899
 Batch No: 071796B
 Lab File ID: NA

Client: ACE-SAD
 Matrix Spike/Lab Sample No: AB35672 REF

Matrix: Soil

Compound	Spike Added (mg/Kg)	Sample Conc (mg/Kg)	MS Conc (mg/Kg)	MS % Recovery	#	QC Limits Recovery
TRPH (9071A)	155	ND	144	93		80-120

Compound	Spike Added (mg/Kg)	MSD Conc (mg/Kg)	MSD % Recovery	#	% RPD	#	QC Limits	
TRPH (9071A)	155	138	89		4		RPD	Recovery
							20	80-120

Column to be used to flag recovery and RPD values with an asterisk

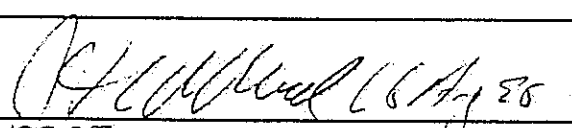
* Values outside of OC limits

ND = Not Detected

RPD: 0 out of 1 outside limits

Spike Recovery: 0 out of 2 outside limits

Comments: _____


 QA/QC Officer

TRPH LCS Recovery Summary

Lab Name: EcoSys, Inc.
 Ledger No: 107899
 Batch No: 071796B
 Lab File ID: NA

Client: ACESAD
 Lab Control Sample No: NA
 Matrix: Soil
 Level (Low/Med): Low

Compound	Spike Added mg/Kg	Sample Conc. mg/Kg	LCS Conc. mg/Kg	LCS % Recovery	#	QC Limits Recovery
TRPH (9071A)	155	NR	148	96		80-120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits

Comments: _____

[Signature]
 QA/QC Officer

092

TRPH Duplicate Summary

Lab Name: EcoSys, Inc.	Client: ACESAD
Ledger No(s): 107899	Sample No: AB35671 REF
Batch No: 071796B	Matrix: Soil
Lab File ID: NA	Level (Low/Med): Low

Sample AB35671

	Sample Result (mg/Kg)	Dup. Sample Result (mg/Kg)	% RPD
TRPH (9071A)	ND	ND	NC

RPD Limit 20%

NR = Not Required

ND = Not Detected

NC = Not Calculable due to value(s) less than CRDL

Comments: _____

QA/QC Officer

TAB 9

MANIFESTS

Please print or type
(Form designed for use on 12-inch typewriter)

NON-HAZARDOUS WASTE MANIFEST

Manifest
Document No.
00008

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

c/o Triple R Management, Inc.
Reynolds Constr Co.
Rt. 84
Ludowici, GA 31316

A. Transporter's Phone

B. Transporter's Phone 912-427-6758

C. Facility's Phone

912-756-3655

7. Waste Shipping Name and Description

a. Petroleum Contaminated Soil

8. Containers

No.

Type

9. Total
Quantity

10. Unit
Wt/Vol

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 # 24

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 C. Fry

Signature

Tom C. Fry

Month Day Year

10 8 1996

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Anthony Reckart

Signature

Anthony Reckart

Month Day Year

10 8 1996

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Charles Pruitt

Signature

Charles Pruitt

Month Day Year

10 8 1996

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

Signature

Month Day Year

10 8 1996

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.

8

Customer

Description

Project Number

Location

County

Triple "R" Mgmt
RRR 104

PCS

Ft. Stewart

Liberty

38,180 Net

23180 lb Net

00 lb Tare

23180 lb+ Gross

11:43 AM AU 12 96

61360 lb Net

00 lb Tare

61360 lb+ Gross

11:39 AM AU 12 96

Signature of Welgher

TONS:

19.09

TOTAL TONS:

164.64

TRUCKER

TRUCK NO.

DRIVER

TICKET NO.

58826

Please print or type
(Form designed for use on size (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

Manifest
Document No.
000007

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

c/o Triple R Management, Inc.
Reynolds Constr Co.
Rt. 84
Ludowici, GA 31316

A. Transporter's Phone

B. Transporter's Phone 912-427-6758

C. Facility's Phone

912-756-3655

7. Waste Shipping Name and Description

a. Petroleum Contaminated Soil

8. Containers

No.

Type

9. Total
Quantity

10. Unit
Wt/Vol

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 # 24

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 C. Fry

Signature

Tom C. Fry

Month Day Year

10/8/06/96

13. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Timothy N. Parks

Signature

Timothy N. Parks

Month Day Year

10/8/12/96

14. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

10/8/12/96

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

10/8/12/96

ORIGINAL - RETURN TO GENERATOR

24
REYNOLDS CONSTRUCTION COMPANY

Highway 84 • P. O. Box 749

Ludowici, Georgia 31316

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

Date _____ 19 _____

Load No. 07

Customer Triple R Mgmt

Description PCS

Project Number RRR 104

Location Ft. Stewart

County Liberty

37,780 Net

24960 lb Net

00 lb Tare

24960 lb+ Gross

11:30 AM AU 12 96

62740 lb Net

00 lb Tare

62740 lb+ Gross

11:19 AM AU 12 96

Adib
Signature of Weigher

TONS: 18.89

TOTAL TONS: 145.55

Hendrix
TRUCKER

46
TRUCK NO.

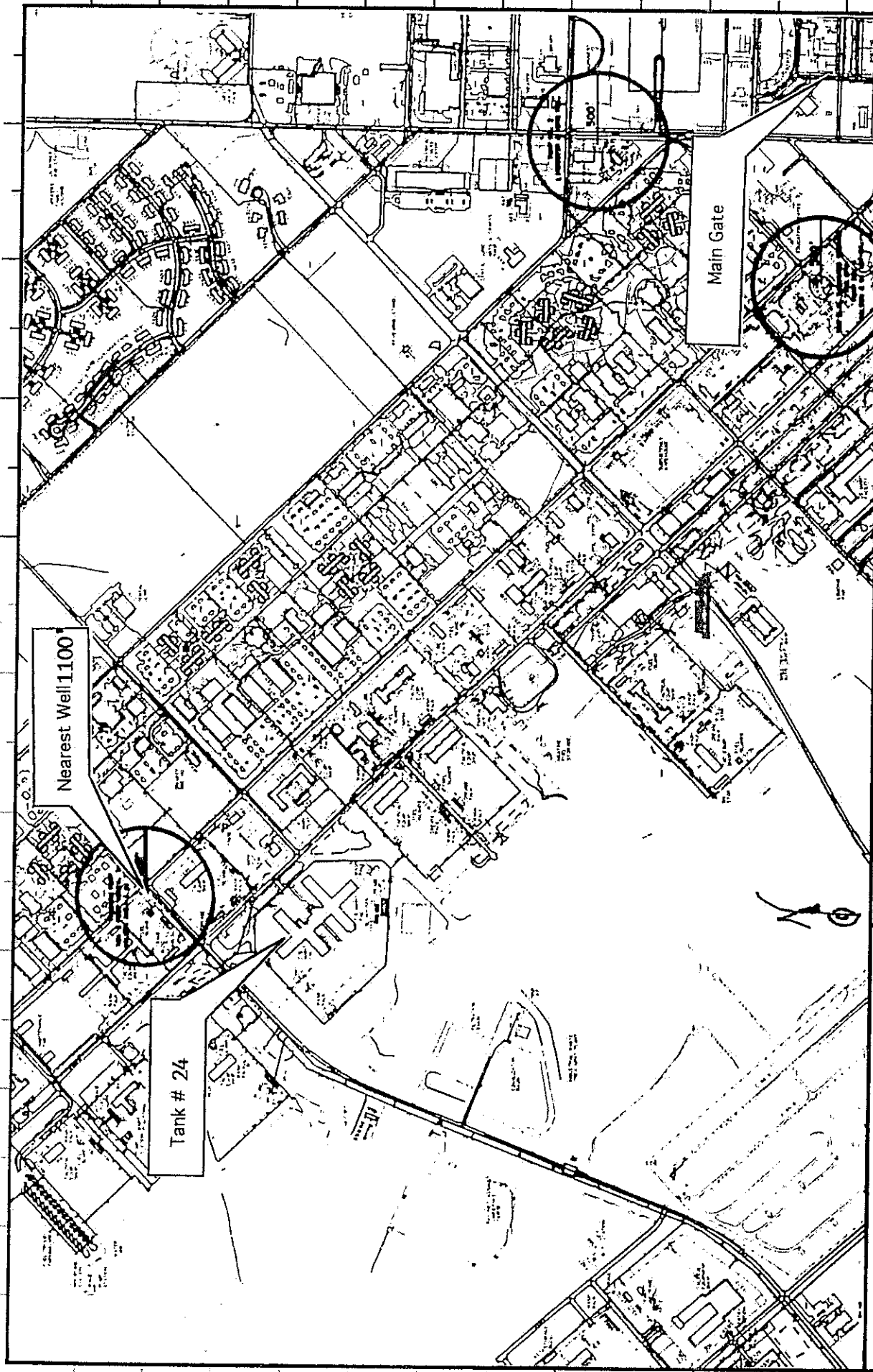
Tom Parks
DRIVER

TICKET NO. 58823

TAB 10

FORT STEWART AREA MAP

Handwritten notes on the left margin, partially illegible.



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 # 24

Fort Stewart

Hinesville, Georgia

DRAWING NO.: FIGURE 1