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NAS CECIL FIELD, FL
5090.3a

SOURCE REMOVAL REPORT FOR OIL-WATER SEPARATOR REMOVAL AT BUILDING 824

NAS CECIL FIELD FL

11/1/2000

CH2MHILL CONSTRUCTORS INC

Source Removal Report
Oil/Water Separator Removal at Building 824

Naval Air Station Cecil Field
Jacksonville, Florida

Contract No. N62467-98-D-0995
Contract Task Order No. 002

Submitted to:

U.S. Naval Facilities
Engineering Command
Southern Division

Prepared by:

CH2MHILL
Constructors, Inc.

115 Perimeter Center Place, N.E.
Suite 700
Atlanta, GA 30346

November 2000

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CH2MHILL
Constructors, Inc.

November 2000

Prepared/Approved By:

Sam Ross, Project Manager — Date

Approved By:

R. Scott Newman, Program Manager — Date

Client Acceptance:

U.S. Navy Responsible Authority — Date

Distribution List

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CH2M HILL	1

Certification of Technical
Data Conformity (November 2000)

the contractor, CH2M HILL Constructors, Inc., hereby certifies that, to the best of its knowledge and belief, the technical data delivered herewith under Contract No. N62467-98-D-0995, Contract Task Order (CTO) No. 0002 are complete and accurate and comply with all requirements of this contract.

Date:_____

Name and Title of Certifying Official:

_____
Sam Ross
Project Manager

Certification of Completion

CH2M HILL Constructors, Inc., attests that, to the best of its knowledge and belief, the removal of the oil/water separator at Building 824, delivered under Contract No. N62467-98-D-0995, Naval Air Station Cecil Field, Jacksonville, Florida, Contract Task Order (CTO) No. 002, has been completed, inspected, and tested, and is in compliance with the contract.

_____ _____

Project QC Manager Date

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Acronyms

bls	below land surface
CCI	CH2M HILL Constructors, Inc.
CSE	confirmatory sampling event
CTO	Contract Task Order
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FID	flame ionization detector
FL-PRO	Florida Petroleum Residual Organic
GC	Groundwater Criteria (per FAC Chapter 62-770 and 62-777)
HLA	Harding Lawson Associates
KAG	Kerosene Analytical Group
mg/L	milligrams per liter
µg/L	micrograms per liter
NADSC	Natural Attenuation Default Source Concentrations (per FAC Chapter 62-770 and 62-777)
NAS	Naval Air Station
NAVFAC	Naval Facilities Engineering Command
OVA	organic vapor analyzer
OWS	oil/water separator
PAHs	polynuclear aromatic hydrocarbons
PID	photoionization detector
ppm	parts per million
RCRA	Resource Conservation and Recovery Act
SA	Site Assessment
SCTLs	soil cleanup target levels (per FAC Chapter 62-770 and 62-777)
SJRWMD	St. Johns River Water Management District
SPLP	synthetic precipitation leaching procedure
SVOACs	semi-volatile organic aromatic compounds
TRPH	total recoverable petroleum hydrocarbons
UST	underground storage tank
VOCs	volatile organic compounds

Source Removal Report Requirements – *Checklist*

Per FAC 62-770.300(3) the Source Removal Report shall contain the following information in detail, as applicable:

Site Name: Building 824 OWS **Date(s) of Source Removal: 09/23 – 10/07/99**

Required Information	Response
1. Volume of product that was discharged, if known	*Unknown*
2. Volume of free product and the volume of groundwater recovered	*None*
3. Volume of contaminated soil excavated and treated or properly disposed	*28.67 tons of soil excavated and disposed of offsite, manifest #s 6110001 and 6110115 (Appendix C "Certificate of Recycle is for manifest # 6110001 – 6110149)*
4. Disposal or recycling methods for free product and contaminated soil	*Contaminated soils recycled at Soil Safe Technologies, Garden City, Georgia*
5. Disposal methods for other contaminated media	*No other contaminated media*
6. Scaled site map (including a graphical representation of the scale used) showing location(s) of free product recovered and the area of soil removed or treated and the approximate locations of all samples taken	*See Figure 2-1*
7. Table summarizing free product thickness in each monitoring well or piezometer and the dates the measurements were made	*Monitoring wells were not measured for free product prior to the excavation.*
8. Type of field screening instrument or method used	*OVA/FID*
9. Dimensions of the excavation(s) and location(s), integrity, capacities and last known contents of storage tanks, integral piping, dispensers, or appurtenances removed	*Excavation area: 30 feet long by 3 feet wide by 8 feet deep (see Figure 2-1)* *One 500-gallon OWS, used oil and water (see Figure 1-1)*
10. Dimensions of the excavation(s) and location(s) and capacities of replacement underground storage tanks	*Not Applicable. No replacement OWS installed. Per direction of Navy.*
11. Table indicating the identification, depth and field soil screening results of each sample collected	*See Table 2-2*
12. Depth to groundwater at the time of each excavation, measurement locations and method used to obtain that information	*Depth to groundwater approximately 9 feet bls. Noted by visual observation (See Section 2.2.1)*
13. Type of petroleum or petroleum products discharged	*Used Oil*
14. Documentation confirming the proper treatment or proper disposal of the free product or contaminated soil, including disposal manifests for free product, a copy of the treatment or acceptance of the contaminated soil and results of analyses, if performed	*See Table 2-1 and Appendix C*
15. For land farmed soil, a copy of the pre-treatment and post-treatment analytical results	*Not Applicable. Soil disposed of offsite*

1.0 Introduction

CH2M HILL Constructors, Inc. (CCI) was contracted by the Southern Division Naval Facilities Engineering Command (Southern Division, NAVFAC) to perform the removal of an oil/water separator (OWS), excavate petroleum-contaminated soil and prepare a Source Removal Report at Building 824 at Naval Air Station (NAS) Cecil Field in Jacksonville, Florida. The source removal was conducted in accordance with the Florida Department of Environmental Protection (FDEP) Petroleum Contamination Site Cleanup rule 62-770, Florida Administrative Code (FAC).

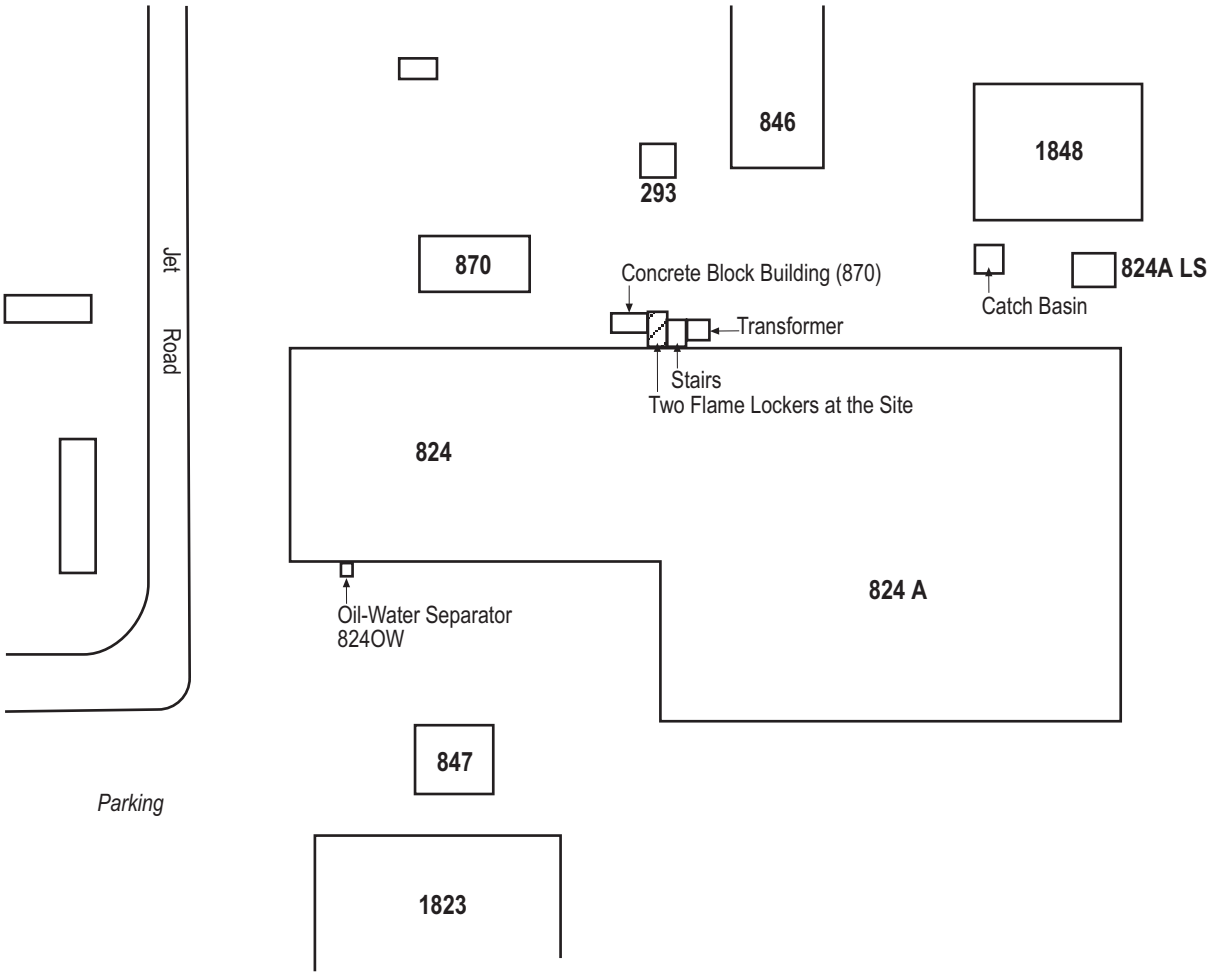
The scope of services for excavation of petroleum-contaminated soils at Building 824 is described in detail in the NAS Cecil Field Basewide Work Plan, Revision 01 (CCI, 1998a) and the Work Plan Addendum No. 1, Revision 01 (CCI, 1998b). This work was authorized under the Remedial Action Contract No. N62467-98-D-0995, Contract Task Order (CTO) No. 0002.

1.1 Site Background

The site contained one 500-gallon OWS on the south side of the avionics shop located in Building 824. A confirmatory sampling event (CSE) was conducted by ABB Environmental Services in September 1998. Four subsurface soil samples were collected and analyzed by an organic vapor analyzer (OVA), one soil sample was analyzed for Kerosene Analytical Group (KAG) parameters, one monitoring well was installed, and one groundwater sample was collected and analyzed for KAG parameters. The results of the CSE were summarized in a Confirmatory Sampling Report, which documented soil contamination in the subsurface around the OWS with an OVA headspace concentration of 1,200 parts per million (ppm), and a TRPH concentration of 480 micrograms per liter (mg/L). The groundwater sample from monitoring well CEF-824-1S was below the regulatory standards specified in FAC 62-770, for all constituents. A site plan showing the site conditions prior to the Source Removal is presented in Figure 1-1.

1.2 Project Objectives

The primary objective was to remove the source by removing the OWS and to remove petroleum-contaminated soils that exceed the Soil Cleanup Target Levels (SCTLs) outlined in FAC 62-770 and 62-777. Visual inspection of soils and use of field OVA headspace analysis were used as a screening tool in evaluating whether the soil samples exceed the SCTLs. Soils exhibiting staining/discoloration or an OVA concentration of greater than 50 parts per million (ppm) were considered to be excessively contaminated and were expected to contain constituents exceeding the SCTLs. Soils were excavated until no visible indication of contamination and OVA concentrations of less than 50 ppm are achieved, then confirmatory sampling for Used Oil Group Parameters was performed. The Used Oil Group analyses for soils include volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260, polynuclear aromatic hydrocarbons (PAHs) and semi-volatile organic aromatics (SVOAs) by EPA Method 8270, Resource Conservation and Recovery Act (RCRA) metals by EPA Methods 6010, and 7471, and total recoverable petroleum hydrocarbons (TRPH) by the Florida Petroleum Residual Organic (FL-PRO) method.



N 1" = 100'

Figure 1-1
Pre-Excavation Site Conditions
Building 824 OWS
NAS Cecil Field, Jacksonville, Florida

CH2MHILL

A022000004ATL\lk 009.FH8

2.0 Source Removal Activities

A source removal was conducted at Building 824 during the period of September 23 to October 7, 1999. A total of 28.67 tons of petroleum-contaminated soil was excavated from around the former location of the OWS and disposed offsite on October 7, 1999. No free product was found during the excavation. Photographs showing the site during and after the source removal are presented in Appendix A.

2.1 Site Preparation

In preparation for excavation, all utilities were marked out by the base maintenance contractor and Sunshine State One Call of Florida. No active utilities were encountered during the OWS removal or associated soil excavation.

2.2 OWS Removal

One 500-gallon OWS was removed on September 23, 1999. The piping entering and exiting the OWS was cut and capped at the boundary of the excavation. The OWS was decontaminated and disposed offsite.

2.3 Soil Excavation and Disposal

Soils were excavated to the east of the OWS based on the limits of the excessively contaminated soil that was delineated during the excavation. The delineation was performed by visual inspection and by screening the walls of the excavation using headspace analyses (summarized in Table 2-2 in Section 2.4.1) to determine if additional soil should be excavated. No contaminated soils were noted on the western or southern walls of the former OWS pit.

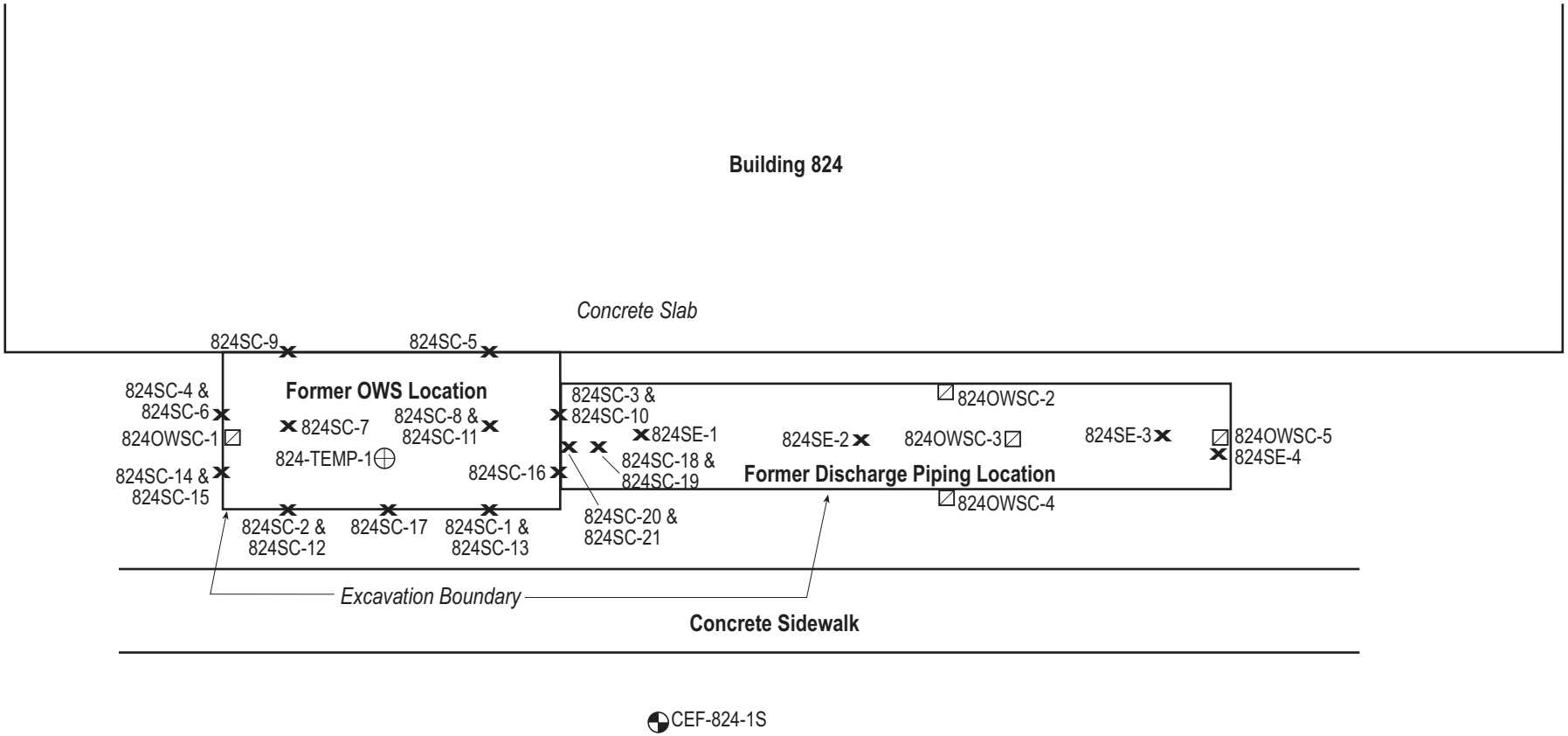
2.3.1 Soil Excavation

The soil was excavated to the water table, to a depth of approximately 8 feet (average) below land surface (bls). The depth to groundwater was determined by visual inspection during the excavation.

The soil was excavated using a backhoe and was stockpiled on visqueen prior to being loaded into trucks. The final limits of the excavation area were approximately 30 feet long, 3 feet wide, and 8 feet deep, corresponding to approximately 27 cubic yards. The excavation areas are shown on Figure 2-1.

2.3.2 Soil Transportation and Disposal

The petroleum-contaminated soil was transported offsite by truck to the Soil Safe Technologies soil thermal treatment facility in Garden City, Georgia. A summary of the manifests is presented in Table 2-1 and copies of the manifests are presented in Appendix B, and a copy of the Certificate of Recycle that includes these manifests is presented in Appendix C.



LEGEND

824OWSC-1	Confirmatory Laboratory Soil Sample Location and Designation
824SC-16	OVA Screening Location and Designation
CEF-824-1S	Monitoring Well Location and Designation
824-TEMP-1	Temporary Well Location and Designation

N Scale: 1”= 5’

Figure 2-1
Soil Excavation Area
Building 824 OWS
NAS Cecil Field, Jacksonville, Florida

CH2MHILL

A022000004ATL\lk 010.FH8

TABLE 2-1
Summary of Manifests for Soil Disposal

Date	Truck #	Company	Manifest #	Weight (pounds)	Tare (pounds)	Net (pounds)	Net (tons)
10/07/99	775	Pritchett	6110114	64,080	24,900	39,180	19.59
10/07/99	115	Pritchett	6110115	44,960	26,800	18,160	9.08

2.3.3 Backfilling and Site Restoration

The material used to backfill the excavation was clean fill brought in from a borrow pit operated by Marietta Sand Corporation. A copy of the letter certifying that the material was clean fill is presented in Appendix D.

Once the excavation area was backfilled, the site was graded and seeded with a mixture of rye and bahia grass.

2.4 Sampling and Analysis

Soil samples were collected from the walls of the excavation at a depth of 9 feet bls and from the floor. The sampling locations are shown in Figure 2-1.

2.4.1 Headspace Analysis

Soil samples collected from the excavation were screened using an OVA equipped with a flame ionization detector (FID). See Section 1.2 for screening methodology. A methane filter was used to subtract methane. The lateral excavation limits were expanded until net headspace concentrations were below 50 ppm or until no soil visual soil staining was noted. The results of the headspace analyses are shown in Table 2-2.

TABLE 2-2
Summary of Headspace Screening Results

Sample Location (see Figure 2-1)	Depth (feet bls)	FID Unfiltered (ppm)	FID with Filter (ppm)	FID Net (ppm)
824SC-1 (wall)	2	0	---	0
824SC-2 (wall)	2	0	---	0
824SC-3 (wall)	2	0	---	0
824SC-4 (wall)	2	0	---	0
824SC-5 (wall)	5	20	3.5	16.5
824SC-6 (wall)	5	1	---	1
824SC-7 (wall)	6	100	1	99
824SC-8 (wall)	6	14	2.5	11.5

TABLE 2-2
Summary of Headspace Screening Results

Sample Location (see Figure 2-1)	Depth (feet bls)	FID Unfiltered (ppm)	FID with Filter (ppm)	FID Net (ppm)
824SC-9 (wall)	5	8	---	8
824SC-10 (wall)	5	3.5	---	3.5
824SC-11 (wall)	6	2	---	2
824SC-12 (wall)	5	8	---	8
824SC-13 (wall)	5	10	---	10
824SC-14 (wall)	7	4.5	---	4.5
824SC-15 (wall)	7	8	---	8
824SC-16 (wall)	7	3	---	3
824SC-17 (wall)	7	4	---	4
824SC-18 (wall)	3.5	0	---	0
824SC-19 (wall)	5.5	300	50	250
824SC-20 (wall)	5.5	800	85	715
824SC-21 (wall)	7.5	650	40	610
824SE-1 (wall)	8.5	25	10	15
824SE-2 (wall)	8.5	190	6	184
824SE-3 (bottom)	9	425	75	350
824SE-4 (wall)	5.5	1	---	1
824SE-4 (wall)	7	35	---	35
824SE-4 (wall)	9	8	---	8

2.4.2 Laboratory Analyses of Soil Samples for Used Oil Parameters

Five soil samples were collected from the excavation limit for Used Oil Parameters analyses. The sample locations are shown on Figure 2-1. The results were below SCTLs outlined in FAC 62-770 and 62-777 for all Used Oil constituents. The analytical results are summarized in Table 2-3. The analytical laboratory report is provided in Appendix E.

TABLE 2-3
Summary of Used Oil Parameters Analyses for Soil

Sample Location	West Wall	North Wall	Bottom	South Wall	East Wall	SCTL (Leachability)
Depth (feet)	4	4	8	4	4	--
Sample ID	824OWSC-1	824OWSC-2	824OWSC-3	824OWSC-4	824OWSC-5	--
Date	9/30/99	9/30/99	9/30/99	9/30/99	9/30/99	--
TRPH	70	33	27	ND	ND	340
Benzo (b) Fluoranthene	0.510	ND	ND	ND	ND	10
Benzo (ghi) Perylene	0.420	ND	ND	ND	ND	32000
Di N Butylphthalate	ND	0.360	ND	ND	ND	47
Ethylbenzene	ND	ND	0.016	ND	ND	0.6
Xylenes	ND	ND	0.008	ND	ND	0.2
Arsenic	ND	2.2	ND	ND	ND	29
Barium	3.2	8.7	7.2	5.2	19	1600
Chromium	3.4	17	14	8.3	6.9	38
Mercury	ND	0.08	0.02	0.02	ND	2.1
Lead	6.6	6.2	5.1	4.5	5.4	NA

Limit All values reported in mg/L
ND – Not Detected Above Reportable

2.4.3 Temporary Well Installation and Laboratory Analysis of Groundwater Samples for Used Oil Parameters

A temporary well was installed in the center of the excavation on October 19, 1999, in accordance with FAC 62-761. The well was screened from 5 to 15 feet bls. A sand pack was installed around the screened interval, and the well was developed until clear. The well location is shown in Figure 2-1.

One groundwater sample was collected from the temporary well for Used Oil Parameters analyses. The sample concentrations were below FAC 62-777 Natural Attenuation Default Source Concentrations (NADSC) for all KAG parameters, except 4-methylphenol. The sample concentrations were above the FAC 62-777 Groundwater Criteria for naphthalene, 2-methynaphthalene, 4-methylphenol, xylenes, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene. The analytical results are summarized in Table 2-4. The analytical laboratory report is provided in Appendix F.

TABLE 2-4
Summary of Used Oil Parameters Analyses for Groundwater

Sample Location	824-Temp-1	Groundwater Criteria	Natural Attenuation Default Source Concentrations
Screened Interval (feet)	5 – 15	--	--
Date	10/24/99	--	--
TRPH	--	5000	50000
Benzoic Acid	--	28000	280000
Naphthalene	--	20	200
2-Methylnaphthalene	--	20	200
4-Methylphenol	--	4	40
Ethylbenzene	--	30	300
Xylenes	--	20	200
Isopropyl Benzene	--	NA	NA
P-Isopropyltoluene	--	NA	NA
N-Propyl Benzene	--	NA	NA
SEC Butyl Benzene	--	NA	NA
Trichlorofluoromethane	--	2100	21000
1,2,4-Trimethylbenzene	--	10	100
1,3,5-Trimethylbenzene	--	10	100
Barium	--	2000	20000
Lead	--	15	150

All valves reported in micrograms per liter (µg/L)

3.0 Conclusions

One 500-gallon OWS was removed and a total of 28.67 tons of petroleum-contaminated soils at Building 824 that were identified during the Source Removal have been removed and properly disposed of offsite. The soil was excavated to the water table, to a depth of approximately 8 feet bls. The horizontal limits of the excavation exhibited no net headspace results (OVA with FID) of greater than 50 ppm. Five soil samples collected from the limits of the excavation were analyzed for Used Oil Parameters and were below SCTLs outlined in FAC 62-770 and 62-777, confirming that the horizontal and vertical limits of the soil contamination were reached. One groundwater sample that was collected for Used Oil Parameters analyses from a temporary well installed in the center of the excavation was below NADSC for all KAG parameters, except 4-methylphenol. The sample concentrations were above the Groundwater Criteria for naphthalene, 2-methynaphthalene, 4-methylphenol, xylenes, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene. No free product was found during the excavation.

It is recommended that monitoring for natural attenuation, per FAC 62-770.690, be considered for this site. The following conditions are currently present at the site:

- Excessively contaminated soil has been removed down to the water table.
- Contaminant concentrations above the Groundwater Criteria (GC) per FAC 62-770 were detected in the confirmatory groundwater sample collected beneath the excavation area;
- Only 4-methylphenol (65 micrograms per liter [µg/L]): also exceeded the NADSC 40 µg/L.

4.0 References

Harding Lawson Associates (HLA), 1999, Confirmatory Sampling Report, Building 824, Oil-Water Separator 824, BRAC UST and AST Grey Sites, NAS Cecil Field, Jacksonville, Florida, April

CH2M HILL Constructors, Inc., 1998a, Basewide Work Plan, Revision No. 1, NAS Cecil Field, Jacksonville, Florida, November.

CH2M HILL Constructors, Inc., 1998b, Work Plan Addendum No. 1, Revision No. 1, Excavation of Petroleum-Contaminated Soil from 11 Former UST Sites and the Day Tank 2 Area, NAS Cecil Field, Jacksonville, Florida, November.

Southern Division Naval Facilities Engineering Command Quality Improvement Forum, 1998, A Guideline for the Preparation of Remedial Action Reports/Closure Reports, Revision 0, May 11.

Southern Division Naval Facilities Engineering Command, 1996, Environmental Report Format Guidance Manual, Revision No. 5, October 9.

Appendix A

Photographs

1. View of the Building 824 OWS location prior to the initiation of OWS removal and soil excavation activities.

2. View of the Building 824 OWS location, looking northeast, during soil excavation activities.

3. View of the Building 824 OWS location, looking east, during soil excavation activities.

4. View of the Building 824 OWS location after the completion of OWS removal, soil excavation, backfilling, and site restoration activities.

Appendix B

Copies of Soil Manifests

SITE 824
Partial 293

SOIL SAFE TECHNOLOGIES INCORPORATED
NON-HAZARDOUS MATERIALS MANIFEST

PROJECT NUMBER: 0611S **MANIFEST NUMBER:0611S-** 114

GENERATOR/SHIPPING INFORMATION

GENERATOR: U.S. Navy
CONTRACTOR: R E A Remedial Solutions
2815 St. Cloud Oaks Dr.
Valrico, FL 33594

CONTACT: Kevin Simmons PH: 813-657-0747

SHIPPING ADDRESS: Cecil Field Jacksonville, FL

MATERIALS DESCRIPTION

Non-Hazardous petroleum contaminated soil. Not RCRA/CERCLA/D.O.T. regulated.

824= 64080 824= 19.59 TONS

GROSS WEIGHT: 293=9860 TARE WEIGHT: 54,900 NET WEIGHT: 293 = 4.93 TONS

TOTAL 73,940 LBS 24.52 TONS

(Seal indicates weights obtained from certified scales)

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL DOES NOT CONTAIN ANY FREE LIQUID AS DESCRIBED BY 40 CFR PART 260.10 OR ANY APPLICABLE STATE LAW, IS NOT A HAZARDOUS OR REGULATED WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS.

DAVID J. KRAWIECKI [signature] [signature]
GENERATOR OR AUTHORIZED AGENT (PRINT) SIGNATURE DATE

TRANSPORTER INFORMATION

TRANSPORTER: Pritchett Trucking
Hwy 121
Lake Butler, FL 32054
Phone: 904-496-2630

TRUCK NUMBER: 775 LOAD DATE: 10-7-99

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR LOCATION LISTED ABOVE

DRIVER SIGNATURE: [signature]

DESTINATION/RECEIVING INFORMATION
(Circle One)

SOIL SAFE TECHNOLOGIES 1618 DEAN FOREST RD GARDEN CITY, GA 31405	SOIL SAFE TECHNOLOGIES 10341 HWY 80 E BROOKLET, GA 30415	SOIL SAFE TECHNOLOGIES SR 24 NEWINGTON, GA 30446

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED FOR RECYCLING AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE

AGENT NAME/PHONE NUMBER:

SIGNATURE OF AGENT OR DESIGNATED REPRESENTATIVE / RECEIPT DATE

PAUL M. LEWCZYK 912-925-6600

SITE 824
293

SOIL SAFE TECHNOLOGIES INCORPORATED
NON-HAZARDOUS MATERIALS MANIFEST

PROJECT NUMBER: 0611S **MANIFEST NUMBER:0611S-** 11 # 115

GENERATOR/SHIPPING INFORMATION

GENERATOR: **U.S. Navy**
CONTRACTOR: **R E A Remedial Solutions**
2815 St. Cloud Oaks Dr.
Valrico, FL 33594

CONTACT: **Kevin Simmons** PH: **813-657-0747**

SHIPPING ADDRESS: **Cecil Field** **Jacksonville, FL**

MATERIALS DESCRIPTION

Non-Hazardous petroleum contaminated soil. Not RCRA/CERCLA/D.O.T. regulated.

824 = 44,960 824 = 9.08 TONS

GROSS WEIGHT: 293 = 25,620 TARE WEIGHT: 26,800 LBS NET WEIGHT: 293 = 12.81

(Seal indicates weights obtained from certified scales)

TOTAL 70,580 LBS TOTAL 21.89 TONS

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL DOES NOT CONTAIN ANY FREE LIQUID AS DESCRIBED BY 40 CFR PART 260.10 OR ANY APPLICABLE STATE LAW, IS NOT A HAZARDOUS OR REGULATED WASTE AS DEFINED BY 40 CFR PART 261 OR ANY APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED, AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS.

GENERATOR OR AUTHORIZED AGENT (PRINT) SIGNATURE DATE

TRANSPORTER INFORMATION

TRANSPORTER: **Pritchett Trucking** TRUCK NUMBER: 66 LOAD DATE: 10-7-99
Hwy 121
Lake Butler, FL 32054 Phone 904-496-2630

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL WAS PICKED UP AT THE GENERATOR LOCATION LISTED ABOVE

DRIVER SIGNATURE: X

DESTINATION/RECEIVING INFORMATION
(Circle one)

SOIL SAFE TECHNOLOGIES 1618 DEAN FOREST RD. GARDEN CITY, GA 31405	SOIL SAFE TECHNOLOGIES 10341 HWY 80 E. BROOKLET, GA 30415	SOIL SAFE TECHNOLOGIES SR 24 NEWINGTON, GA 30446

I HEREBY CERTIFY THAT THE ABOVE NAMED MATERIAL HAS BEEN ACCEPTED FOR RECYCLING AND TO THE BEST OF MY KNOWLEDGE THE FOREGOING IS TRUE AND ACCURATE.

AGENT NAME/PHONE NUMBER:

SIGNATURE OF AGENT OR DESIGNATED REPRESENTATIVE / RECEIPT DATE

PAUL M. LEWCZYK 912-925-6600

Appendix C

Certificate of Recycle

Soil Safe Technologies Incorporated

Certificate of Recycle

Soil Safe Technologies Incorporated accepted 3,328.1 measured tons of non-hazardous recyclable petroleum contaminated soil generated by the U.S. Navy from Cecil Field NAS, Jacksonville, Florida under approval number 4-0611.

This material was contracted by and between Soil Safe Technologies Incorporated and TASK Environmental, contractor representing the generator. It was accepted for recycling based upon analytical information provided by a certified laboratory and also written certification by the generator verifying non-hazardous status.

This material was transported under manifest numbers 6110001 through 6110149. A comprehensive list of manifest totals is included as an attachment to this certificate.

Soil Safe Technologies Incorporated accepts full responsibility for this material to include safe handling, storage and processing. We certify that this material has been recycled into an environmentally benign product for paving or other construction purposes.

Paul M. Lewczyk
Director of Operations

Wednesday, October 20, 1999

Appendix D

Certification of Clean Fill

MARIETTA SAND CORPORATION

377 Agmac Avenue
Jacksonville, Florida 32254
(904) 781-7304

Pritchett Trucking
PO Box 311
Lake Butler, FL 32054

August 25, 1999

Attention: Mr. Bobby Lord

Please find attached, testing data on fill dirt pit located on Stratton Road in Jacksonville, Duval County, Florida. As you will notice these results are dated June, 1996. Please be advised that the material from this pit is clean and will meet The Navy specifications. Approximately 330 loads of this material was recently sent to Cecil Field for the Fuel Tank Farm. by another contractor and material was accepted.

If you have any questions or concerns, please contact me at the above listed number.

Respectfully,

Susan Henricks

Susan Henricks
Marietta Sand Corporation

Appendix E

Analytical Laboratory Reports for Confirmatory Soil Sample

Ellis & Associates inc.
5109 STEPP AVENUE
JACKSONVILLE, FL 32216-6053
(904)733-0960 OFFICE
(904)448-5534 FAX NUMBER

PROJECT NO: 962-2093
REPORT NO: 6
LAB NO: 0-099
DATE: 06/17/96

- - - - - Continued from previous page - - - - -

SIEVE SIZE	PERCENT PASSING
No. 10	100
No. 20	99.8
No. 40	99.6
No. 60	97.6
No. 80	44.6
No. 100	28.3
No. 140	9.3
No. 140	6.3

SAMPLED BY: Client

INSPECTED BY: R. Kelley

Respectfully submitted,
ELLIS & ASSOCIATES, INC.

John E. Ellis, II, P.E.
6/17/96

DISTRIBUTION: JEE/dfh
2cc:Client

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Analysis Report

Analysis: RCRA METALS - AXIAL

Accession:	910007
Client:	TASK ENVIRONMENTAL
Project Number:	824/337
Project Name:	CECIL FIELD
Project Location:	JACKSONVILLE, FL
Department:	METALS

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: RCRA METALS - AXIAL
QcLevel: IIMS

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 824OWSC-1			Lab ID:001		
SILVER (6010B)	MG/KG	ND	0.5	AYS219	
ARSENIC (6010B)	MG/KG	ND	0.5	RYS219	
BARIUM (6010B)	MG/KG	3.2	1.0	BYS219	
CADMIUM (6010B)	MG/KG	ND	0.5	CYS219	
CHROMIUM (6010B)	MG/KG	3.4	0.5	HYS219	
MERCURY (7471A)	MG/KG	ND	0.02	M4S072	
LEAD (6010B)	MG/KG	6.6	0.5	PYS219	
SELENIUM (6010B)	MG/KG	ND	1.0	SYS219	
Comments:					
Client ID: 824OWSC-2			Lab ID:002		
SILVER (6010B)	MG/KG	ND	0.5	AYS219	
ARSENIC (6010B)	MG/KG	2.2	0.5	RYS219	
BARIUM (6010B)	MG/KG	8.7	1.0	BYS219	
CADMIUM (6010B)	MG/KG	ND	0.5	CYS219	
CHROMIUM (6010B)	MG/KG	17	0.5	HYS219	
MERCURY (7471A)	MG/KG	0.08	0.02	M4S072	
LEAD (6010B)	MG/KG	6.2	0.5	PYS219	
SELENIUM (6010B)	MG/KG	ND	1.0	SYS219	
Comments:					
Client ID: 824OWSC-3			Lab ID:003		
SILVER (6010B)	MG/KG	ND	0.5	AYS219	
ARSENIC (6010B)	MG/KG	ND	0.5	RYS219	
BARIUM (6010B)	MG/KG	7.2	1.0	BYS219	
CADMIUM (6010B)	MG/KG	ND	0.5	CYS219	
CHROMIUM (6010B)	MG/KG	14	0.5	HYS219	
MERCURY (7471A)	MG/KG	0.02	0.02	M4S072	
LEAD (6010B)	MG/KG	5.1	0.5	PYS219	
SELENIUM (6010B)	MG/KG	ND	1.0	SYS219	
Comments:					
Client ID: 824OWSC-4			Lab ID:004		
SILVER (6010B)	MG/KG	ND	0.5	AYS219	
ARSENIC (6010B)	MG/KG	ND	0.5	RYS219	
BARIUM (6010B)	MG/KG	5.2	1.0	BYS219	
CADMIUM (6010B)	MG/KG	ND	0.5	CYS219	
CHROMIUM (6010B)	MG/KG	8.3	0.5	HYS219	
MERCURY (7471A)	MG/KG	0.02	0.02	M4S072	
LEAD (6010B)	MG/KG	4.5	0.5	PYS219	
SELENIUM (6010B)	MG/KG	ND	1.0	SYS219	
Comments:					

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: RCRA METALS - AXIAL
QcLevel: IIMSRAW

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 824OWSC-5			Lab ID:005		
SILVER (6010B)	MG/KG	ND	0.5	AYS219	
ARSENIC (6010B)	MG/KG	ND	0.5	RYS219	
BARIUM (6010B)	MG/KG	19	1.0	BYS219	
CADMIUM (6010B)	MG/KG	ND	0.5	CYS219	
CHROMIUM (6010B)	MG/KG	6.9	0.5	HYS219	
MERCURY (7471A)	MG/KG	ND	0.02	M4S072	
LEAD (6010B)	MG/KG	5.4	0.5	PYS219	
SELENIUM (6010B)	MG/KG	ND	1.0	SYS219	

Comments:

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Analysis Report

Analysis: FLPRO\PETRO. HYDROCARBON RANGE C8-C40

Accession:	910007
Client:	TASK ENVIRONMENTAL
Project Number:	824/337
Project Name:	CECIL FIELD
Project Location:	JACKSONVILLE, FL
Department:	SEMI-VOLATILE FUELS

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - SINGLE"

Accession:	910007
Client:	TASK ENVIRONMENTAL
Project Number:	824/337
Project Name:	CECIL FIELD
Project Location:	JACKSONVILLE, FL
Test:	FLPRO\PETRO. HYDROCARBON RANGE C8-C40
Analysis Method:	FL DEP Method for Determination of Petroleum Range Organics (PRO), 1995.
Extraction Method:	3550B/SW-846, 3rd Ed, 3rd Update, Dec 1996.
Matrix:	SOIL
QC Level:	IIMS

Lab Id:	001	Sample Date/Time:	30-SEP-99 1000
Client Sample Id:	824OWSC-1	Received Date:	01-OCT-99
Batch: FLS144		Extraction Date:	07-OCT-99
Blank: A	Dry Weight %: 86	Analysis Date:	08-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL PETROLEUM HYDROCARBON	MG/KG	70	2.9	
ORTHO TER PHENYL	%REC/SURR	107	62-109	
NONATRIACONTANE	%REC/SURR	66	60-118	
ANALYST	INITIALS	HAH		

Comments:

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - SINGLE"

Accession:	910007
Client:	TASK ENVIRONMENTAL
Project Number:	824/337
Project Name:	CECIL FIELD
Project Location:	JACKSONVILLE, FL
Test:	FLPRO\PETRO. HYDROCARBON RANGE C8-C40
Analysis Method:	FL DEP Method for Determination of Petroleum Range Organics (PRO), 1995.
Extraction Method:	3550B/SW-846, 3rd Ed, 3rd Update, Dec 1996.
Matrix:	SOIL
QC Level:	IIMS

Lab Id: 002
Client Sample Id: 824OWSC-2

Sample Date/Time: 30-SEP-99 1010
Received Date: 01-OCT-99

Batch: FLS144
Blank: A

Dry Weight %: 95

Extraction Date: 07-OCT-99
Analysis Date: 08-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL PETROLEUM HYDROCARBON	MG/KG	33	2.6	
ORTHO TER PHENYL	%REC/SURR	95	62-109	
NONATRIACONTANE	%REC/SURR	63	60-118	
ANALYST	INITIALS	SW		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession:	910007
Client:	TASK ENVIRONMENTAL
Project Number:	824/337
Project Name:	CECIL FIELD
Project Location:	JACKSONVILLE, FL
Test:	FLPRO\PETRO. HYDROCARBON RANGE C8-C40
Analysis Method:	FL DEP Method for Determination of Petroleum Range Organics (PRO), 1995.
Extraction Method:	3550B/SW-846, 3rd Ed, 3rd Update, Dec 1996.
Matrix:	SOIL
QC Level:	IIMS

Lab Id: 003
Client Sample Id: 824OWSC-3

Sample Date/Time: 30-SEP-99 1015
Received Date: 01-OCT-99

Batch: FLS144
Blank: A Dry Weight %: 86

Extraction Date: 07-OCT-99
Analysis Date: 08-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL PETROLEUM HYDROCARBON	MG/KG	27	2.9	
ORTHO TER PHENYL	%REC/SURR	105	62-109	
NONATRIACONTANE	%REC/SURR	68	60-118	
ANALYST	INITIALS	SW		

Comments:

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: FLPRO\PETRO. HYDROCARBON RANGE C8-C40
Analysis Method: FL DEP Method for Determination of Petroleum Range Organics (PRO), 1995.
Extraction Method: 3550B/SW-846, 3rd Ed, 3rd Update, Dec 1996.
Matrix: SOIL
QC Level: IIMS

Lab Id: 004
Client Sample Id: 824OWSC-4

Sample Date/Time: 30-SEP-99 1020
Received Date: 01-OCT-99

Batch: FLS144
Blank: A

Dry Weight %: 90

Extraction Date: 07-OCT-99
Analysis Date: 08-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL PETROLEUM HYDROCARBON	MG/KG	ND	2.8	
ORTHO TER PHENYL	%REC/SURR	117	62-109	J3
NONATRIACONTANE	%REC/SURR	67	60-118	
ANALYST	INITIALS	SB		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: FLPRO\PETRO. HYDROCARBON RANGE C8-C40
Analysis Method: FL DEP Method for Determination of Petroleum Range Organics (PRO), 1995.
Extraction Method: 3550B/SW-846, 3rd Ed, 3rd Update, Dec 1996.
Matrix: SOIL
QC Level: IIMS

Lab Id: 005
Client Sample Id: 824OWSC-5

Sample Date/Time: 30-SEP-99 1030
Received Date: 01-OCT-99

Batch: FLS144
Blank: A

Dry Weight %: 87

Extraction Date: 07-OCT-99
Analysis Date: 08-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL PETROLEUM HYDROCARBON	MG/KG	ND	2.9	
ORTHO TER PHENYL	%REC/SURR	101	62-109	
NONATRIACONTANE	%REC/SURR	44	60-118	R6
ANALYST	INITIALS	SW		

Comments:

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Analysis Report

Analysis: ACID & BASE EXTRACTABLES (8270C)

Accession:	910007
Client:	TASK ENVIRONMENTAL
Project Number:	824/337
Project Name:	CECIL FIELD
Project Location:	JACKSONVILLE, FL
Department:	ORGANIC/MS

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 001
Client Sample Id: 824OWSC-1
Sample Date/Time: 30-SEP-99 1000
Received Date: 01-OCT-99

Batch: ALS089
Blank: A
Dry Weight %: 86
Extraction Date: 04-OCT-99
Analysis Date: 08-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZOIC ACID	UG/KG	ND	1900	
4-CHLORO-3-METHYLPHENOL	UG/KG	ND	380	
2-CHLOROPHENOL	UG/KG	ND	380	
2,4-DICHLOROPHENOL	UG/KG	ND	380	
2,6-DICHLOROPHENOL	UG/KG	ND	380	
2,4-DIMETHYLPHENOL	UG/KG	ND	380	
4,6-DINITRO-2-METHYLPHENOL	UG/KG	ND	1900	
2,4-DINITROPHENOL	UG/KG	ND	1900	
2-METHYLPHENOL	UG/KG	ND	380	
4-METHYLPHENOL	UG/KG	ND	380	
2-NITROPHENOL	UG/KG	ND	380	
4-NITROPHENOL	UG/KG	ND	1900	
PENTACHLOROPHENOL	UG/KG	ND	1900	
PHENOL	UG/KG	ND	380	
2,3,4,6-TETRACHLOROPHENOL	UG/KG	ND	380	
2,4,5-TRICHLOROPHENOL	UG/KG	ND	1900	
2,4,6-TRICHLOROPHENOL	UG/KG	ND	380	
ACENAPHTHENE	UG/KG	ND	380	
ACENAPHTHYLENE	UG/KG	ND	380	
ACETOPHENONE	UG/KG	ND	380	
4-AMINOBIPHENYL	UG/KG	ND	380	
ANILINE	UG/KG	ND	380	
ANTHRACENE	UG/KG	ND	380	
BENZIDINE	UG/KG	ND	1900	
BENZO (A) ANTHRACENE	UG/KG	ND	380	
BENZO (A) PYRENE	UG/KG	ND	380	
BENZO (B) FLUORANTHENE	UG/KG	510	380	
BENZO (G,H,I) PERYLENE	UG/KG	420	380	
BENZO (K) FLUORANTHENE	UG/KG	ND	380	
BENZYL ALCOHOL	UG/KG	ND	380	
BIS(2-CHLOROETHOXY)METHANE	UG/KG	ND	380	
BIS(2-CHLOROETHYL)ETHER	UG/KG	ND	380	
BIS(2-CHLOROISOPROPYL)ETHER	UG/KG	ND	380	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/KG	ND	380	
4-BROMOPHENYL PHENYL ETHER	UG/KG	ND	380	
BUTYLBENZYL PHTHALATE	UG/KG	ND	380	
4-CHLOROANILINE	UG/KG	ND	380	
1-CHLORONAPHTHALENE	UG/KG	ND	380	
2-CHLORONAPHTHALENE	UG/KG	ND	380	
4-CHLOROPHENYL PHENYL ETHER	UG/KG	ND	380	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 001 Sample Date/Time: 30-SEP-99 1000
Client Sample Id: 824OWSC-1 Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
CHRYSENE	UG/KG	ND	380	
DIBENZ(A,J)ACRIDINE	UG/KG	ND	380	
DIBENZO (A,H) ANTHRACENE	UG/KG	ND	380	
DIBENZOFURAN	UG/KG	ND	380	
1,2-DICHLOROBENZENE	UG/KG	ND	380	
1,3-DICHLOROBENZENE	UG/KG	ND	380	
1,4-DICHLOROBENZENE	UG/KG	ND	380	
3,3'-DICHLOROBENZIDINE	UG/KG	ND	1900	
DIETHYLPHTHALATE	UG/KG	ND	380	
P-DIMETHYLAMINOAZOBENZENE	UG/KG	ND	380	
7,12-DIMETHYLBENZ(A)ANTHRACENE	UG/KG	ND	380	
DIMETHYLPHTHALATE	UG/KG	ND	380	
DI-N-BUTYLPHTHALATE	UG/KG	ND	380	
2,4-DINITROTOLUENE	UG/KG	ND	380	
2,6-DINITROTOLUENE	UG/KG	ND	380	
DI-N-OCTYLPHTHALATE	UG/KG	ND	380	
DIPHENYLAMINE	UG/KG	ND	380	
1,2-DIPHENYLHYDRAZINE	UG/KG	ND	380	
FLUORANTHENE	UG/KG	ND	380	
FLUORENE	UG/KG	ND	380	
HEXACHLOROBENZENE	UG/KG	ND	380	
HEXACHLOROBUTADIENE	UG/KG	ND	380	
HEXACHLOROCYCLOPENTADIENE	UG/KG	ND	380	
HEXACHLOROETHANE	UG/KG	ND	380	
INDENO (1,2,3-CD) PYRENE	UG/KG	ND	380	
ISOPHORONE	UG/KG	ND	380	
3-METHYLCHOLANTHRENE	UG/KG	ND	380	
2-METHYLNAPHTHALENE	UG/KG	ND	380	
NAPHTHALENE	UG/KG	ND	380	
1-NAPHTHYLAMINE	UG/KG	ND	380	
2-NAPHTHYLAMINE	UG/KG	ND	380	
2-NITROANILINE	UG/KG	ND	380	
3-NITROANILINE	UG/KG	ND	380	
4-NITROANILINE	UG/KG	ND	380	
NITROBENZENE	UG/KG	ND	380	
N-NITROSODIMETHYLAMINE	UG/KG	ND	380	
N-NITROSODI-N-BUTYLAMINE	UG/KG	ND	380	
N-NITROSODIPHENYLAMINE	UG/KG	ND	380	
N-NITROSO-DI-N-PROPYLAMINE	UG/KG	ND	380	
N-NITROSOPIPERIDINE	UG/KG	ND	380	
PENTACHLOROBENZENE	UG/KG	ND	380	
PENTACHLORONITROBENZENE (PCNB)	UG/KG	ND	380	
PHENACETIN	UG/KG	ND	380	
PHENANTHRENE	UG/KG	ND	380	
2-PICOLINE	UG/KG	ND	380	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 001
Client Sample Id: 824OWSC-1
Sample Date/Time: 30-SEP-99 1000
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
PRONAMIDE	UG/KG	ND	380	
PYRENE	UG/KG	ND	380	
1,2,4,5-TETRACHLOROBENZENE	UG/KG	ND	380	
1,2,4 TRICHLOROBENZENE	UG/KG	ND	380	
2-FLUOROPHENOL	%REC/SURR	80	25-121	
PHENOL-D6	%REC/SURR	86	24-113	
2,4,6-TRIBROMOPHENOL	%REC/SURR	93	19-122	
2-FLUOROBIPHENYL	%REC/SURR	81	30-115	
NITROBENZENE-D5	%REC/SURR	77	23-120	
TERPHENYL-D14	%REC/SURR	82	18-137	
ANALYST	INITIALS	RW		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 001 Sample Date/Time: 30-SEP-99 1000
Client Sample Id: 824OWSC-1 Received Date: 01-OCT-99

"Sample Tic Report"

Number of Tics Found: 15
Concentration Units: UG/KG

Cas Number:	Compound Name:	RT:	Est Conc:	Q:
	UNKNOWN HYDROCARBON	5.07	500	J5
	UNKNOWN HYDROCARBON	5.72	300	J5
79-34-5	ETHANE, 1,1,2,2-TETRACHLORO-	7.69	400	J5
	UNKNOWN HYDROCARBON	15.64	2000	J5
	UNKNOWN HYDROCARBON	15.70	900	J5
	UNKNOWN HYDROCARBON	15.95	300	J5
	UNKNOWN HYDROCARBON	16.18	2000	J5
	UNKNOWN HYDROCARBON	17.14	300	J5
	UNKNOWN HYDROCARBON	18.15	2000	J5
	UNKNOWN POLYAROMATIC HYDROCARBON	22.81	300	J5
	UNKNOWN HYDROCARBON	24.81	1000	J5
	UNKNOWN HYDROCARBON	25.09	3000	J5
	UNKNOWN HYDROCARBON	25.17	2000	J5
	UNKNOWN HYDROCARBON	27.59	400	J5
	UNKNOWN HYDROCARBON	27.67	1000	J5

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 002
Client Sample Id: 824OWSC-2

Sample Date/Time: 30-SEP-99 1010
Received Date: 01-OCT-99

Batch: ALS089
Blank: A

Dry Weight %: 95

Extraction Date: 04-OCT-99
Analysis Date: 08-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZOIC ACID	UG/KG	ND	1700	
4-CHLORO-3-METHYLPHENOL	UG/KG	ND	350	
2-CHLOROPHENOL	UG/KG	ND	350	
2,4-DICHLOROPHENOL	UG/KG	ND	350	
2,6-DICHLOROPHENOL	UG/KG	ND	350	
2,4-DIMETHYLPHENOL	UG/KG	ND	350	
4,6-DINITRO-2-METHYLPHENOL	UG/KG	ND	1700	
2,4-DINITROPHENOL	UG/KG	ND	1700	
2-METHYLPHENOL	UG/KG	ND	350	
4-METHYLPHENOL	UG/KG	ND	350	
2-NITROPHENOL	UG/KG	ND	350	
4-NITROPHENOL	UG/KG	ND	1700	
PENTACHLOROPHENOL	UG/KG	ND	1700	
PHENOL	UG/KG	ND	350	
2,3,4,6-TETRACHLOROPHENOL	UG/KG	ND	350	
2,4,5-TRICHLOROPHENOL	UG/KG	ND	1700	
2,4,6-TRICHLOROPHENOL	UG/KG	ND	350	
ACENAPHTHENE	UG/KG	ND	350	
ACENAPHTHYLENE	UG/KG	ND	350	
ACETOPHENONE	UG/KG	ND	350	
4-AMINOBIPHENYL	UG/KG	ND	350	
ANILINE	UG/KG	ND	350	
ANTHRACENE	UG/KG	ND	350	
BENZIDINE	UG/KG	ND	1700	
BENZO (A) ANTHRACENE	UG/KG	ND	350	
BENZO (A) PYRENE	UG/KG	ND	350	
BENZO (B) FLUORANTHENE	UG/KG	ND	350	
BENZO (G,H,I) PERYLENE	UG/KG	ND	350	
BENZO (K) FLUORANTHENE	UG/KG	ND	350	
BENZYL ALCOHOL	UG/KG	ND	350	
BIS(2-CHLOROETHOXY)METHANE	UG/KG	ND	350	
BIS(2-CHLOROETHYL)ETHER	UG/KG	ND	350	
BIS(2-CHLOROISOPROPYL)ETHER	UG/KG	ND	350	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/KG	ND	350	
4-BROMOPHENYL PHENYL ETHER	UG/KG	ND	350	
BUTYLBENZYL PHTHALATE	UG/KG	ND	350	
4-CHLOROANILINE	UG/KG	ND	350	
1-CHLORONAPHTHALENE	UG/KG	ND	350	
2-CHLORONAPHTHALENE	UG/KG	ND	350	
4-CHLOROPHENYL PHENYL ETHER	UG/KG	ND	350	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 002
Client Sample Id: 824OWSC-2
Sample Date/Time: 30-SEP-99 1010
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
CHRYSENE	UG/KG	ND	350	
DIBENZ(A,J)ACRIDINE	UG/KG	ND	350	
DIBENZO (A,H) ANTHRACENE	UG/KG	ND	350	
DIBENZOFURAN	UG/KG	ND	350	
1,2-DICHLOROBENZENE	UG/KG	ND	350	
1,3-DICHLOROBENZENE	UG/KG	ND	350	
1,4-DICHLOROBENZENE	UG/KG	ND	350	
3,3'-DICHLOROBENZIDINE	UG/KG	ND	1700	
DIETHYLPHTHALATE	UG/KG	ND	350	
P-DIMETHYLAMINOAZOBENZENE	UG/KG	ND	350	
7,12-DIMETHYLBENZ(A)ANTHRACENE	UG/KG	ND	350	
DIMETHYLPHTHALATE	UG/KG	ND	350	
DI-N-BUTYLPHTHALATE	UG/KG	360	350	
2,4-DINITROTOLUENE	UG/KG	ND	350	
2,6-DINITROTOLUENE	UG/KG	ND	350	
DI-N-OCTYLPHTHALATE	UG/KG	ND	350	
DIPHENYLAMINE	UG/KG	ND	350	
1,2-DIPHENYLHYDRAZINE	UG/KG	ND	350	
FLUORANTHENE	UG/KG	ND	350	
FLUORENE	UG/KG	ND	350	
HEXACHLOROBENZENE	UG/KG	ND	350	
HEXACHLOROBUTADIENE	UG/KG	ND	350	
HEXACHLOROCYCLOPENTADIENE	UG/KG	ND	350	
HEXACHLOROETHANE	UG/KG	ND	350	
INDENO (1,2,3-CD) PYRENE	UG/KG	ND	350	
ISOPHORONE	UG/KG	ND	350	
3-METHYLCHOLANTHRENE	UG/KG	ND	350	
2-METHYLNAPHTHALENE	UG/KG	ND	350	
NAPHTHALENE	UG/KG	ND	350	
1-NAPHTHYLAMINE	UG/KG	ND	350	
2-NAPHTHYLAMINE	UG/KG	ND	350	
2-NITROANILINE	UG/KG	ND	350	
3-NITROANILINE	UG/KG	ND	350	
4-NITROANILINE	UG/KG	ND	350	
NITROBENZENE	UG/KG	ND	350	
N-NITROSODIMETHYLAMINE	UG/KG	ND	350	
N-NITROSODI-N-BUTYLAMINE	UG/KG	ND	350	
N-NITROSODIPHENYLAMINE	UG/KG	ND	350	
N-NITROSO-DI-N-PROPYLAMINE	UG/KG	ND	350	
N-NITROSOPIPERIDINE	UG/KG	ND	350	
PENTACHLOROBENZENE	UG/KG	ND	350	
PENTACHLORONITROBENZENE (PCNB)	UG/KG	ND	350	
PHENACETIN	UG/KG	ND	350	
PHENANTHRENE	UG/KG	ND	350	
2-PICOLINE	UG/KG	ND	350	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 002
Client Sample Id: 824OWSC-2
Sample Date/Time: 30-SEP-99 1010
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
PRONAMIDE	UG/KG	ND	350	
PYRENE	UG/KG	ND	350	
1,2,4,5-TETRACHLOROBENZENE	UG/KG	ND	350	
1,2,4 TRICHLOROBENZENE	UG/KG	ND	350	
2-FLUOROPHENOL	%REC/SURR	54	25-121	
PHENOL-D6	%REC/SURR	55	24-113	
2,4,6-TRIBROMOPHENOL	%REC/SURR	58	19-122	
2-FLUOROBIPHENYL	%REC/SURR	52	30-115	
NITROBENZENE-D5	%REC/SURR	48	23-120	
TERPHENYL-D14	%REC/SURR	65	18-137	
ANALYST	INITIALS	RW		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 002
Client Sample Id: 824OWSC-2
Sample Date/Time: 30-SEP-99 1010
Received Date: 01-OCT-99

"Sample Tic Report"

Number of Tics Found: 1
Concentration Units: UG/KG

Cas Number:	Compound Name:	RT:	Est Conc:	Q:
13150-81-7	2,6-DIMETHLDECANE	13.51	200	J5

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 003 Sample Date/Time: 30-SEP-99 1015
Client Sample Id: 824OWSC-3 Received Date: 01-OCT-99

Batch: ALS089 Extraction Date: 04-OCT-99
Blank: A Dry Weight %: 86 Analysis Date: 08-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZOIC ACID	UG/KG	ND	1900	
4-CHLORO-3-METHYLPHENOL	UG/KG	ND	380	
2-CHLOROPHENOL	UG/KG	ND	380	
2,4-DICHLOROPHENOL	UG/KG	ND	380	
2,6-DICHLOROPHENOL	UG/KG	ND	380	
2,4-DIMETHYLPHENOL	UG/KG	ND	380	
4,6-DINITRO-2-METHYLPHENOL	UG/KG	ND	1900	
2,4-DINITROPHENOL	UG/KG	ND	1900	
2-METHYLPHENOL	UG/KG	ND	380	
4-METHYLPHENOL	UG/KG	ND	380	
2-NITROPHENOL	UG/KG	ND	380	
4-NITROPHENOL	UG/KG	ND	1900	
PENTACHLOROPHENOL	UG/KG	ND	1900	
PHENOL	UG/KG	ND	380	
2,3,4,6-TETRACHLOROPHENOL	UG/KG	ND	380	
2,4,5-TRICHLOROPHENOL	UG/KG	ND	1900	
2,4,6-TRICHLOROPHENOL	UG/KG	ND	380	
ACENAPHTHENE	UG/KG	ND	380	
ACENAPHTHYLENE	UG/KG	ND	380	
ACETOPHENONE	UG/KG	ND	380	
4-AMINOBIPHENYL	UG/KG	ND	380	
ANILINE	UG/KG	ND	380	
ANTHRACENE	UG/KG	ND	380	
BENZIDINE	UG/KG	ND	1900	
BENZO (A) ANTHRACENE	UG/KG	ND	380	
BENZO (A) PYRENE	UG/KG	ND	380	
BENZO (B) FLUORANTHENE	UG/KG	ND	380	
BENZO (G,H,I) PERYLENE	UG/KG	ND	380	
BENZO (K) FLUORANTHENE	UG/KG	ND	380	
BENZYL ALCOHOL	UG/KG	ND	380	
BIS(2-CHLOROETHOXY)METHANE	UG/KG	ND	380	
BIS(2-CHLOROETHYL)ETHER	UG/KG	ND	380	
BIS(2-CHLOROISOPROPYL)ETHER	UG/KG	ND	380	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/KG	ND	380	
4-BROMOPHENYL PHENYL ETHER	UG/KG	ND	380	
BUTYLBENZYL PHTHALATE	UG/KG	ND	380	
4-CHLOROANILINE	UG/KG	ND	380	
1-CHLORONAPHTHALENE	UG/KG	ND	380	
2-CHLORONAPHTHALENE	UG/KG	ND	380	
4-CHLOROPHENYL PHENYL ETHER	UG/KG	ND	380	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 003
Client Sample Id: 824OWSC-3
Sample Date/Time: 30-SEP-99 1015
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
CHRYSENE	UG/KG	ND	380	
DIBENZ(A,J)ACRIDINE	UG/KG	ND	380	
DIBENZO (A,H) ANTHRACENE	UG/KG	ND	380	
DIBENZOFURAN	UG/KG	ND	380	
1,2-DICHLOROBENZENE	UG/KG	ND	380	
1,3-DICHLOROBENZENE	UG/KG	ND	380	
1,4-DICHLOROBENZENE	UG/KG	ND	380	
3,3'-DICHLOROBENZIDINE	UG/KG	ND	1900	
DIETHYLPHTHALATE	UG/KG	ND	380	
P-DIMETHYLAMINOAZOBENZENE	UG/KG	ND	380	
7,12-DIMETHYLBENZ(A)ANTHRACENE	UG/KG	ND	380	
DIMETHYLPHTHALATE	UG/KG	ND	380	
DI-N-BUTYLPHTHALATE	UG/KG	ND	380	
2,4-DINITROTOLUENE	UG/KG	ND	380	
2,6-DINITROTOLUENE	UG/KG	ND	380	
DI-N-OCTYLPHTHALATE	UG/KG	ND	380	
DIPHENYLAMINE	UG/KG	ND	380	
1,2-DIPHENYLHYDRAZINE	UG/KG	ND	380	
FLUORANTHENE	UG/KG	ND	380	
FLUORENE	UG/KG	ND	380	
HEXACHLOROBENZENE	UG/KG	ND	380	
HEXACHLOROBUTADIENE	UG/KG	ND	380	
HEXACHLOROCYCLOPENTADIENE	UG/KG	ND	380	
HEXACHLOROETHANE	UG/KG	ND	380	
INDENO (1,2,3-CD) PYRENE	UG/KG	ND	380	
ISOPHORONE	UG/KG	ND	380	
3-METHYLCHOLANTHRENE	UG/KG	ND	380	
2-METHYLNAPHTHALENE	UG/KG	ND	380	
NAPHTHALENE	UG/KG	ND	380	
1-NAPHTHYLAMINE	UG/KG	ND	380	
2-NAPHTHYLAMINE	UG/KG	ND	380	
2-NITROANILINE	UG/KG	ND	380	
3-NITROANILINE	UG/KG	ND	380	
4-NITROANILINE	UG/KG	ND	380	
NITROBENZENE	UG/KG	ND	380	
N-NITROSODIMETHYLAMINE	UG/KG	ND	380	
N-NITROSODI-N-BUTYLAMINE	UG/KG	ND	380	
N-NITROSODIPHENYLAMINE	UG/KG	ND	380	
N-NITROSO-DI-N-PROPYLAMINE	UG/KG	ND	380	
N-NITROSOPIPERIDINE	UG/KG	ND	380	
PENTACHLOROBENZENE	UG/KG	ND	380	
PENTACHLORONITROBENZENE (PCNB)	UG/KG	ND	380	
PHENACETIN	UG/KG	ND	380	
PHENANTHRENE	UG/KG	ND	380	
2-PICOLINE	UG/KG	ND	380	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 003
Client Sample Id: 824OWSC-3
Sample Date/Time: 30-SEP-99 1015
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
PRONAMIDE	UG/KG	ND	380	
PYRENE	UG/KG	ND	380	
1,2,4,5-TETRACHLOROBENZENE	UG/KG	ND	380	
1,2,4 TRICHLOROBENZENE	UG/KG	ND	380	
2-FLUOROPHENOL	%REC/SURR	43	25-121	
PHENOL-D6	%REC/SURR	53	24-113	
2,4,6-TRIBROMOPHENOL	%REC/SURR	65	19-122	
2-FLUOROBIPHENYL	%REC/SURR	62	30-115	
NITROBENZENE-D5	%REC/SURR	52	23-120	
TERPHENYL-D14	%REC/SURR	72	18-137	
ANALYST	INITIALS	RW		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 003 Sample Date/Time: 30-SEP-99 1015
Client Sample Id: 824OWSC-3 Received Date: 01-OCT-99

"Sample Tic Report"

Number of Tics Found: 15
Concentration Units: UG/KG

Cas Number:	Compound Name:	RT:	Est Conc:	Q:
	UNKNOWN HYDROCARBON	10.89	2000	J5
	UNKNOWN HYDROCARBON	12.47	2000	J5
	UNKNOWN HYDROCARBON	12.66	900	J5
	UNKNOWN CYCLIC HYDROCARBON	13.13	500	J5
	UNKNOWN HYDROCARBON	13.26	700	J5
	UNKNOWN HYDROCARBON	13.41	500	J5
	UNKNOWN HYDROCARBON	13.52	1000	J5
	UNKNOWN HYDROCARBON	13.94	3000	J5
	UNKNOWN HYDROCARBON	14.61	800	J5
	UNKNOWN HYDROCARBON	14.81	600	J5
	UNKNOWN HYDROCARBON	15.30	3000	J5
	ISOMER OF DIMETHYLNAPHTHALENE	15.72	500	J5
	ISOMER OF DIMETHYLNAPHTHALENE	15.99	600	J5
	UNKNOWN HYDROCARBON	16.07	900	J5
	UNKNOWN HYDROCARBON	16.58	1000	J5

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 004
Client Sample Id: 824OWSC-4
Sample Date/Time: 30-SEP-99 1020
Received Date: 01-OCT-99

Batch: ALS089
Blank: A
Dry Weight %: 90
Extraction Date: 04-OCT-99
Analysis Date: 08-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZOIC ACID	UG/KG	ND	1900	
4-CHLORO-3-METHYLPHENOL	UG/KG	ND	370	
2-CHLOROPHENOL	UG/KG	ND	370	
2,4-DICHLOROPHENOL	UG/KG	ND	370	
2,6-DICHLOROPHENOL	UG/KG	ND	370	
2,4-DIMETHYLPHENOL	UG/KG	ND	370	
4,6-DINITRO-2-METHYLPHENOL	UG/KG	ND	1900	
2,4-DINITROPHENOL	UG/KG	ND	1900	
2-METHYLPHENOL	UG/KG	ND	370	
4-METHYLPHENOL	UG/KG	ND	370	
2-NITROPHENOL	UG/KG	ND	370	
4-NITROPHENOL	UG/KG	ND	1900	
PENTACHLOROPHENOL	UG/KG	ND	1900	
PHENOL	UG/KG	ND	370	
2,3,4,6-TETRACHLOROPHENOL	UG/KG	ND	370	
2,4,5-TRICHLOROPHENOL	UG/KG	ND	1900	
2,4,6-TRICHLOROPHENOL	UG/KG	ND	370	
ACENAPHTHENE	UG/KG	ND	370	
ACENAPHTHYLENE	UG/KG	ND	370	
ACETOPHENONE	UG/KG	ND	370	
4-AMINOBIPHENYL	UG/KG	ND	370	
ANILINE	UG/KG	ND	370	
ANTHRACENE	UG/KG	ND	370	
BENZIDINE	UG/KG	ND	1900	
BENZO (A) ANTHRACENE	UG/KG	ND	370	
BENZO (A) PYRENE	UG/KG	ND	370	
BENZO (B) FLUORANTHENE	UG/KG	ND	370	
BENZO (G,H,I) PERYLENE	UG/KG	ND	370	
BENZO (K) FLUORANTHENE	UG/KG	ND	370	
BENZYL ALCOHOL	UG/KG	ND	370	
BIS(2-CHLOROETHOXY)METHANE	UG/KG	ND	370	
BIS(2-CHLOROETHYL)ETHER	UG/KG	ND	370	
BIS(2-CHLOROISOPROPYL)ETHER	UG/KG	ND	370	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/KG	ND	370	
4-BROMOPHENYL PHENYL ETHER	UG/KG	ND	370	
BUTYLBENZYL PHTHALATE	UG/KG	ND	370	
4-CHLOROANILINE	UG/KG	ND	370	
1-CHLORONAPHTHALENE	UG/KG	ND	370	
2-CHLORONAPHTHALENE	UG/KG	ND	370	
4-CHLOROPHENYL PHENYL ETHER	UG/KG	ND	370	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 004
Client Sample Id: 824OWSC-4
Sample Date/Time: 30-SEP-99 1020
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
CHRYSENE	UG/KG	ND	370	
DIBENZ(A,J)ACRIDINE	UG/KG	ND	370	
DIBENZO (A,H) ANTHRACENE	UG/KG	ND	370	
DIBENZOFURAN	UG/KG	ND	370	
1,2-DICHLOROBENZENE	UG/KG	ND	370	
1,3-DICHLOROBENZENE	UG/KG	ND	370	
1,4-DICHLOROBENZENE	UG/KG	ND	370	
3,3'-DICHLOROBENZIDINE	UG/KG	ND	1900	
DIETHYLPHTHALATE	UG/KG	ND	370	
P-DIMETHYLAMINOAZOBENZENE	UG/KG	ND	370	
7,12-DIMETHYLBENZ(A)ANTHRACENE	UG/KG	ND	370	
DIMETHYLPHTHALATE	UG/KG	ND	370	
DI-N-BUTYLPHTHALATE	UG/KG	ND	370	
2,4-DINITROTOLUENE	UG/KG	ND	370	
2,6-DINITROTOLUENE	UG/KG	ND	370	
DI-N-OCTYLPHTHALATE	UG/KG	ND	370	
DIPHENYLAMINE	UG/KG	ND	370	
1,2-DIPHENYLHYDRAZINE	UG/KG	ND	370	
FLUORANTHENE	UG/KG	ND	370	
FLUORENE	UG/KG	ND	370	
HEXACHLOROBENZENE	UG/KG	ND	370	
HEXACHLOROBUTADIENE	UG/KG	ND	370	
HEXACHLOROCYCLOPENTADIENE	UG/KG	ND	370	
HEXACHLOROETHANE	UG/KG	ND	370	
INDENO (1,2,3-CD) PYRENE	UG/KG	ND	370	
ISOPHORONE	UG/KG	ND	370	
3-METHYLCHOLANTHRENE	UG/KG	ND	370	
2-METHYLNAPHTHALENE	UG/KG	ND	370	
NAPHTHALENE	UG/KG	ND	370	
1-NAPHTHYLAMINE	UG/KG	ND	370	
2-NAPHTHYLAMINE	UG/KG	ND	370	
2-NITROANILINE	UG/KG	ND	370	
3-NITROANILINE	UG/KG	ND	370	
4-NITROANILINE	UG/KG	ND	370	
NITROBENZENE	UG/KG	ND	370	
N-NITROSODIMETHYLAMINE	UG/KG	ND	370	
N-NITROSODI-N-BUTYLAMINE	UG/KG	ND	370	
N-NITROSODIPHENYLAMINE	UG/KG	ND	370	
N-NITROSO-DI-N-PROPYLAMINE	UG/KG	ND	370	
N-NITROSOPIPERIDINE	UG/KG	ND	370	
PENTACHLOROBENZENE	UG/KG	ND	370	
PENTACHLORONITROBENZENE (PCNB)	UG/KG	ND	370	
PHENACETIN	UG/KG	ND	370	
PHENANTHRENE	UG/KG	ND	370	
2-PICOLINE	UG/KG	ND	370	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 004
Client Sample Id: 824OWSC-4
Sample Date/Time: 30-SEP-99 1020
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
PRONAMIDE	UG/KG	ND	370	
PYRENE	UG/KG	ND	370	
1,2,4,5-TETRACHLOROBENZENE	UG/KG	ND	370	
1,2,4 TRICHLOROBENZENE	UG/KG	ND	370	
2-FLUOROPHENOL	%REC/SURR	42	25-121	
PHENOL-D6	%REC/SURR	43	24-113	
2,4,6-TRIBROMOPHENOL	%REC/SURR	46	19-122	
2-FLUOROBIPHENYL	%REC/SURR	43	30-115	
NITROBENZENE-D5	%REC/SURR	38	23-120	
TERPHENYL-D14	%REC/SURR	55	18-137	
ANALYST	INITIALS	RW		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession:	910007
Client:	TASK ENVIRONMENTAL
Project Number:	824/337
Project Name:	CECIL FIELD
Project Location:	JACKSONVILLE, FL
Test:	ACID & BASE EXTRACTABLES (8270C)
Analysis Method:	8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method:	3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix:	SOIL
QC Level:	IIMS

Lab Id:	004	Sample Date/Time:	30-SEP-99 1020
Client Sample Id:	824OWSC-4	Received Date:	01-OCT-99

"Sample Tic Report"

Number of Tics Found: 0
Concentration Units: UG/KG

Cas Number:	Compound Name:	RT:	Est Conc:	Q:

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 005
Client Sample Id: 824OWSC-5
Sample Date/Time: 30-SEP-99 1030
Received Date: 01-OCT-99

Batch: ALS089
Blank: A
Dry Weight %: 87
Extraction Date: 04-OCT-99
Analysis Date: 08-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZOIC ACID	UG/KG	ND	1900	
4-CHLORO-3-METHYLPHENOL	UG/KG	ND	380	
2-CHLOROPHENOL	UG/KG	ND	380	
2,4-DICHLOROPHENOL	UG/KG	ND	380	
2,6-DICHLOROPHENOL	UG/KG	ND	380	
2,4-DIMETHYLPHENOL	UG/KG	ND	380	
4,6-DINITRO-2-METHYLPHENOL	UG/KG	ND	1900	
2,4-DINITROPHENOL	UG/KG	ND	1900	
2-METHYLPHENOL	UG/KG	ND	380	
4-METHYLPHENOL	UG/KG	ND	380	
2-NITROPHENOL	UG/KG	ND	380	
4-NITROPHENOL	UG/KG	ND	1900	
PENTACHLOROPHENOL	UG/KG	ND	1900	
PHENOL	UG/KG	ND	380	
2,3,4,6-TETRACHLOROPHENOL	UG/KG	ND	380	
2,4,5-TRICHLOROPHENOL	UG/KG	ND	1900	
2,4,6-TRICHLOROPHENOL	UG/KG	ND	380	
ACENAPHTHENE	UG/KG	ND	380	
ACENAPHTHYLENE	UG/KG	ND	380	
ACETOPHENONE	UG/KG	ND	380	
4-AMINOBIPHENYL	UG/KG	ND	380	
ANILINE	UG/KG	ND	380	
ANTHRACENE	UG/KG	ND	380	
BENZIDINE	UG/KG	ND	1900	
BENZO (A) ANTHRACENE	UG/KG	ND	380	
BENZO (A) PYRENE	UG/KG	ND	380	
BENZO (B) FLUORANTHENE	UG/KG	ND	380	
BENZO (G,H,I) PERYLENE	UG/KG	ND	380	
BENZO (K) FLUORANTHENE	UG/KG	ND	380	
BENZYL ALCOHOL	UG/KG	ND	380	
BIS(2-CHLOROETHOXY)METHANE	UG/KG	ND	380	
BIS(2-CHLOROETHYL)ETHER	UG/KG	ND	380	
BIS(2-CHLOROISOPROPYL)ETHER	UG/KG	ND	380	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/KG	ND	380	
4-BROMOPHENYL PHENYL ETHER	UG/KG	ND	380	
BUTYLBENZYL PHTHALATE	UG/KG	ND	380	
4-CHLOROANILINE	UG/KG	ND	380	
1-CHLORONAPHTHALENE	UG/KG	ND	380	
2-CHLORONAPHTHALENE	UG/KG	ND	380	
4-CHLOROPHENYL PHENYL ETHER	UG/KG	ND	380	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 005
Client Sample Id: 824OWSC-5
Sample Date/Time: 30-SEP-99 1030
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
CHRYSENE	UG/KG	ND	380	
DIBENZ(A,J)ACRIDINE	UG/KG	ND	380	
DIBENZO (A,H) ANTHRACENE	UG/KG	ND	380	
DIBENZOFURAN	UG/KG	ND	380	
1,2-DICHLOROBENZENE	UG/KG	ND	380	
1,3-DICHLOROBENZENE	UG/KG	ND	380	
1,4-DICHLOROBENZENE	UG/KG	ND	380	
3,3'-DICHLOROBENZIDINE	UG/KG	ND	1900	
DIETHYLPHTHALATE	UG/KG	ND	380	
P-DIMETHYLAMINOAZOBENZENE	UG/KG	ND	380	
7,12-DIMETHYLBENZ(A)ANTHRACENE	UG/KG	ND	380	
DIMETHYLPHTHALATE	UG/KG	ND	380	
DI-N-BUTYLPHTHALATE	UG/KG	ND	380	
2,4-DINITROTOLUENE	UG/KG	ND	380	
2,6-DINITROTOLUENE	UG/KG	ND	380	
DI-N-OCTYLPHTHALATE	UG/KG	ND	380	
DIPHENYLAMINE	UG/KG	ND	380	
1,2-DIPHENYLHYDRAZINE	UG/KG	ND	380	
FLUORANTHENE	UG/KG	ND	380	
FLUORENE	UG/KG	ND	380	
HEXACHLOROBENZENE	UG/KG	ND	380	
HEXACHLOROBUTADIENE	UG/KG	ND	380	
HEXACHLOROCYCLOPENTADIENE	UG/KG	ND	380	
HEXACHLOROETHANE	UG/KG	ND	380	
INDENO (1,2,3-CD) PYRENE	UG/KG	ND	380	
ISOPHORONE	UG/KG	ND	380	
3-METHYLCHOLANTHRENE	UG/KG	ND	380	
2-METHYLNAPHTHALENE	UG/KG	ND	380	
NAPHTHALENE	UG/KG	ND	380	
1-NAPHTHYLAMINE	UG/KG	ND	380	
2-NAPHTHYLAMINE	UG/KG	ND	380	
2-NITROANILINE	UG/KG	ND	380	
3-NITROANILINE	UG/KG	ND	380	
4-NITROANILINE	UG/KG	ND	380	
NITROBENZENE	UG/KG	ND	380	
N-NITROSODIMETHYLAMINE	UG/KG	ND	380	
N-NITROSODI-N-BUTYLAMINE	UG/KG	ND	380	
N-NITROSODIPHENYLAMINE	UG/KG	ND	380	
N-NITROSO-DI-N-PROPYLAMINE	UG/KG	ND	380	
N-NITROSOPIPERIDINE	UG/KG	ND	380	
PENTACHLOROBENZENE	UG/KG	ND	380	
PENTACHLORONITROBENZENE (PCNB)	UG/KG	ND	380	
PHENACETIN	UG/KG	ND	380	
PHENANTHRENE	UG/KG	ND	380	
2-PICOLINE	UG/KG	ND	380	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3550B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: SOIL
QC Level: IIMS

Lab Id: 005
Client Sample Id: 8240WSC-5

Sample Date/Time: 30-SEP-99 1030
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
PRONAMIDE	UG/KG	ND	380	
PYRENE	UG/KG	ND	380	
1,2,4,5-TETRACHLOROBENZENE	UG/KG	ND	380	
1,2,4 TRICHLOROBENZENE	UG/KG	ND	380	
2-FLUOROPHENOL	%REC/SURR	58	25-121	
PHENOL-D6	%REC/SURR	58	24-113	
2,4,6-TRIBROMOPHENOL	%REC/SURR	62	19-122	
2-FLUOROBIPHENYL	%REC/SURR	57	30-115	
NITROBENZENE-D5	%REC/SURR	54	23-120	
TERPHENYL-D14	%REC/SURR	76	18-137	
ANALYST	INITIALS	RW		

Comments:

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

Analysis Report

Analysis: SW 846 8260B TABLE SIX

Accession:	910007
Client:	TASK ENVIRONMENTAL
Project Number:	824/337
Project Name:	CECIL FIELD
Project Location:	JACKSONVILLE, FL
Department:	ORGANIC/MS

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 001
Client Sample Id: 824OWSC-1
Sample Date/Time: 30-SEP-99 1000
Received Date: 01-OCT-99

Batch: KAS099
Blank: A
Dry Weight %: 86
Extraction Date: N/A
Analysis Date: 06-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZENE	UG/KG	ND	6	
BENZYL CHLORIDE	UG/KG	ND	6	
BROMOBENZENE	UG/KG	ND	6	
BROMODICHLOROMETHANE	UG/KG	ND	6	
BROMOFORM	UG/KG	ND	6	
BROMOMETHANE	UG/KG	ND	6	
CARBON TETRACHLORIDE	UG/KG	ND	6	
CHLOROBENZENE	UG/KG	ND	6	
CHLOROETHANE	UG/KG	ND	6	
2-CHLOROETHYLVINYL ETHER	UG/KG	ND	6	
CHLOROFORM	UG/KG	ND	6	
CHLOROMETHANE	UG/KG	ND	6	
CHLORODIBROMOMETHANE	UG/KG	ND	6	
DIBROMOMETHANE	UG/KG	ND	6	
1,4-DICHLOROBENZENE	UG/KG	ND	6	
1,3-DICHLOROBENZENE	UG/KG	ND	6	
1,2-DICHLOROBENZENE	UG/KG	ND	6	
DICHLORODIFLUOROMETHANE	UG/KG	ND	6	
1,1-DICHLOROETHANE	UG/KG	ND	6	
1,2-DICHLOROETHANE	UG/KG	ND	6	
1,1-DICHLOROETHENE	UG/KG	ND	6	
1,2-DICHLOROPROPANE	UG/KG	ND	6	
CIS-1,3-DICHLOROPROPENE	UG/KG	ND	6	
TRANS-1,3-DICHLOROPROPENE	UG/KG	ND	6	
ETHYL BENZENE	UG/KG	ND	6	
METHYLENE CHLORIDE	UG/KG	ND	6	
METHYL T-BUTYL ETHER	UG/KG	ND	6	
1,1,1,2-TETRACHLOROETHANE	UG/KG	ND	6	
1,1,2,2-TETRACHLOROETHANE	UG/KG	ND	6	
TETRACHLOROETHENE	UG/KG	ND	6	
TOLUENE	UG/KG	ND	6	
TRANS 1,2 DICHLOROETHYLENE	UG/KG	ND	6	
1,1,1-TRICHLOROETHANE	UG/KG	ND	6	
1,1,2-TRICHLOROETHANE	UG/KG	ND	6	
TRICHLOROETHENE	UG/KG	ND	6	
TRICHLOROFLUOROMETHANE	UG/KG	ND	6	
1,2,3 TRICHLOROPROPANE	UG/KG	ND	6	
VINYL CHLORIDE	UG/KG	ND	6	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 001
Client Sample Id: 824OWSC-1
Sample Date/Time: 30-SEP-99 1000
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
M,P-XYLENE	UG/KG	ND	14	
O-XYLENE	UG/KG	ND	6	
DIBROMOFLUOROMETHANE	%REC/SURR	88	70-130	
TOLUENE-D8	%REC/SURR	96	70-130	
BROMOFLUOROBENZENE	%REC/SURR	92	70-130	
ANALYST	INITIALS	LD		

Comments:
EXTRUSION DATE: 01-OCT-99
EXTRUSION BEGIN: 13:59
EXTRUSION END: 14:23

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 001
Client Sample Id: 824OWSC-1
Sample Date/Time: 30-SEP-99 1000
Received Date: 01-OCT-99

"Sample Tic Report"

Number of Tics Found: 4
Concentration Units: UG/KG

Cas Number:	Compound Name:	RT:	Est Conc:	Q:
541-05-9	CYCLOTRISILOXANE, HEXAMETHYL-	17.14	200	J5
	UNKNOWN SILOXANE	22.25	400	J5
	UNKNOWN HYDROCARBON	26.21	60	J5
	UNKNOWN HYDROCARBON	28.67	10	J5

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 002
Client Sample Id: 824OWSC-2
Sample Date/Time: 30-SEP-99 1010
Received Date: 01-OCT-99

Batch: KAS099
Blank: A
Dry Weight %: 95
Extraction Date: N/A
Analysis Date: 06-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZENE	UG/KG	ND	6	
BENZYL CHLORIDE	UG/KG	ND	6	
BROMOBENZENE	UG/KG	ND	6	
BROMODICHLOROMETHANE	UG/KG	ND	6	
BROMOFORM	UG/KG	ND	6	
BROMOMETHANE	UG/KG	ND	6	
CARBON TETRACHLORIDE	UG/KG	ND	6	
CHLOROBENZENE	UG/KG	ND	6	
CHLOROETHANE	UG/KG	ND	6	
2-CHLOROETHYLVINYL ETHER	UG/KG	ND	6	
CHLOROFORM	UG/KG	ND	6	
CHLOROMETHANE	UG/KG	ND	6	
CHLORODIBROMOMETHANE	UG/KG	ND	6	
DIBROMOMETHANE	UG/KG	ND	6	
1,4-DICHLOROBENZENE	UG/KG	ND	6	
1,3-DICHLOROBENZENE	UG/KG	ND	6	
1,2-DICHLOROBENZENE	UG/KG	ND	6	
DICHLORODIFLUOROMETHANE	UG/KG	ND	6	
1,1-DICHLOROETHANE	UG/KG	ND	6	
1,2-DICHLOROETHANE	UG/KG	ND	6	
1,1-DICHLOROETHENE	UG/KG	ND	6	
1,2-DICHLOROPROPANE	UG/KG	ND	6	
CIS-1,3-DICHLOROPROPENE	UG/KG	ND	6	
TRANS-1,3-DICHLOROPROPENE	UG/KG	ND	6	
ETHYL BENZENE	UG/KG	ND	6	
METHYLENE CHLORIDE	UG/KG	ND	6	
METHYL T-BUTYL ETHER	UG/KG	ND	6	
1,1,1,2-TETRACHLOROETHANE	UG/KG	ND	6	
1,1,2,2-TETRACHLOROETHANE	UG/KG	ND	6	
TETRACHLOROETHENE	UG/KG	ND	6	
TOLUENE	UG/KG	ND	6	
TRANS 1,2 DICHLOROETHYLENE	UG/KG	ND	6	
1,1,1-TRICHLOROETHANE	UG/KG	ND	6	
1,1,2-TRICHLOROETHANE	UG/KG	ND	6	
TRICHLOROETHENE	UG/KG	ND	6	
TRICHLOROFLUOROMETHANE	UG/KG	ND	6	
1,2,3 TRICHLOROPROPANE	UG/KG	ND	6	
VINYL CHLORIDE	UG/KG	ND	6	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 002
Client Sample Id: 824OWSC-2
Sample Date/Time: 30-SEP-99 1010
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
M,P-XYLENE	UG/KG	ND	13	
O-XYLENE	UG/KG	ND	6	
DIBROMOFLUOROMETHANE	%REC/SURR	91	70-130	
TOLUENE-D8	%REC/SURR	99	70-130	
BROMOFLUOROBENZENE	%REC/SURR	95	70-130	
ANALYST	INITIALS	LD		

Comments:
EXTRUSION DATE: 01-OCT-99
EXTRUSION BEGIN: 13:59
EXTRUSION END: 14:23

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 002 Sample Date/Time: 30-SEP-99 1010
Client Sample Id: 824OWSC-2 Received Date: 01-OCT-99

"Sample Tic Report"

Number of Tics Found: 6
Concentration Units: UG/KG

Cas Number:	Compound Name:	RT:	Est Conc:	Q:
1066-40-6	SILANOL, TRIMETHYL-	9.16	30	J5
541-05-9	CYCLOTRISILOXANE, HEXAMETHYL	17.14	200	J5
	UNKNOWN SILOXANE	21.31	10	J5
	UNKNOWN SILOXANE	22.25	700	J5
	UNKNOWN HYDROCARBON	26.21	60	J5
	UNKNOWN HYDROCARBON	28.67	10	J5

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 003
Client Sample Id: 824OWSC-3
Sample Date/Time: 30-SEP-99 1015
Received Date: 01-OCT-99

Batch: KAS099
Blank: A
Dry Weight %: 86
Extraction Date: N/A
Analysis Date: 06-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZENE	UG/KG	ND	6	
BENZYL CHLORIDE	UG/KG	ND	6	
BROMOBENZENE	UG/KG	ND	6	
BROMODICHLOROMETHANE	UG/KG	ND	6	
BROMOFORM	UG/KG	ND	6	
BROMOMETHANE	UG/KG	ND	6	
CARBON TETRACHLORIDE	UG/KG	ND	6	
CHLOROBENZENE	UG/KG	ND	6	
CHLOROETHANE	UG/KG	ND	6	
2-CHLOROETHYLVINYL ETHER	UG/KG	ND	6	
CHLOROFORM	UG/KG	ND	6	
CHLOROMETHANE	UG/KG	ND	6	
CHLORODIBROMOMETHANE	UG/KG	ND	6	
DIBROMOMETHANE	UG/KG	ND	6	
1,4-DICHLOROBENZENE	UG/KG	ND	6	
1,3-DICHLOROBENZENE	UG/KG	ND	6	
1,2-DICHLOROBENZENE	UG/KG	ND	6	
DICHLORODIFLUOROMETHANE	UG/KG	ND	6	
1,1-DICHLOROETHANE	UG/KG	ND	6	
1,2-DICHLOROETHANE	UG/KG	ND	6	
1,1-DICHLOROETHENE	UG/KG	ND	6	
1,2-DICHLOROPROPANE	UG/KG	ND	6	
CIS-1,3-DICHLOROPROPENE	UG/KG	ND	6	
TRANS-1,3-DICHLOROPROPENE	UG/KG	ND	6	
ETHYL BENZENE	UG/KG	16	6	
METHYLENE CHLORIDE	UG/KG	ND	6	
METHYL T-BUTYL ETHER	UG/KG	ND	6	
1,1,1,2-TETRACHLOROETHANE	UG/KG	ND	6	
1,1,2,2-TETRACHLOROETHANE	UG/KG	ND	6	
TETRACHLOROETHENE	UG/KG	ND	6	
TOLUENE	UG/KG	ND	6	
TRANS 1,2 DICHLOROETHYLENE	UG/KG	ND	6	
1,1,1-TRICHLOROETHANE	UG/KG	ND	6	
1,1,2-TRICHLOROETHANE	UG/KG	ND	6	
TRICHLOROETHENE	UG/KG	ND	6	
TRICHLOROFLUOROMETHANE	UG/KG	ND	6	
1,2,3 TRICHLOROPROPANE	UG/KG	ND	6	
VINYL CHLORIDE	UG/KG	ND	6	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 003
Client Sample Id: 824OWSC-3
Sample Date/Time: 30-SEP-99 1015
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
M,P-XYLENE	UG/KG	8	13	J7
O-XYLENE	UG/KG	ND	6	
DIBROMOFLUOROMETHANE	%REC/SURR	92	70-130	
TOLUENE-D8	%REC/SURR	94	70-130	
BROMOFLUOROBENZENE	%REC/SURR	90	70-130	
ANALYST	INITIALS	LD		

Comments:
EXTRUSION DATE: 01-OCT-99
EXTRUSION BEGIN: 13:59
EXTRUSION END: 14:23

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 003 Sample Date/Time: 30-SEP-99 1015
Client Sample Id: 824OWSC-3 Received Date: 01-OCT-99

"Sample Tic Report"

Number of Tics Found: 9
Concentration Units: UG/KG

Cas Number:	Compound Name:	RT:	Est Conc:	Q:
108-87-2	CYCLOHEXANE, METHYL-	15.09	60	J5
592-27-8	HEPTANE, 2-METHYL-	15.79	70	J5
	UNKNOWN HYDROCARBON	17.08	300	J5
	UNKNOWN HYDROCARBON	19.28	60	J5
111-84-2	NONANE	20.54	100	J5
	ISOMER OF ETHYLMETHYLCYCLOHEXANE	21.00	60	J5
2051-30-1	OCTANE, 2,6-DIMETHYL-	21.61	50	J5
	UNKNOWN TETRADECANE	22.50	200	J5
5911-04-6	NONANE, 3-METHYL-	22.84	60	J5

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 004
Client Sample Id: 824OWSC-4
Sample Date/Time: 30-SEP-99 1020
Received Date: 01-OCT-99

Batch: KAS099
Blank: A
Dry Weight %: 90
Extraction Date: N/A
Analysis Date: 06-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZENE	UG/KG	ND	7	
BENZYL CHLORIDE	UG/KG	ND	7	
BROMOBENZENE	UG/KG	ND	7	
BROMODICHLOROMETHANE	UG/KG	ND	7	
BROMOFORM	UG/KG	ND	7	
BROMOMETHANE	UG/KG	ND	7	
CARBON TETRACHLORIDE	UG/KG	ND	7	
CHLOROBENZENE	UG/KG	ND	7	
CHLOROETHANE	UG/KG	ND	7	
2-CHLOROETHYLVINYL ETHER	UG/KG	ND	7	
CHLOROFORM	UG/KG	ND	7	
CHLOROMETHANE	UG/KG	ND	7	
CHLORODIBROMOMETHANE	UG/KG	ND	7	
DIBROMOMETHANE	UG/KG	ND	7	
1,4-DICHLOROBENZENE	UG/KG	ND	7	
1,3-DICHLOROBENZENE	UG/KG	ND	7	
1,2-DICHLOROBENZENE	UG/KG	ND	7	
DICHLORODIFLUOROMETHANE	UG/KG	ND	7	
1,1-DICHLOROETHANE	UG/KG	ND	7	
1,2-DICHLOROETHANE	UG/KG	ND	7	
1,1-DICHLOROETHENE	UG/KG	ND	7	
1,2-DICHLOROPROPANE	UG/KG	ND	7	
CIS-1,3-DICHLOROPROPENE	UG/KG	ND	7	
TRANS-1,3-DICHLOROPROPENE	UG/KG	ND	7	
ETHYL BENZENE	UG/KG	ND	7	
METHYLENE CHLORIDE	UG/KG	ND	7	
METHYL T-BUTYL ETHER	UG/KG	ND	7	
1,1,1,2-TETRACHLOROETHANE	UG/KG	ND	7	
1,1,2,2-TETRACHLOROETHANE	UG/KG	ND	7	
TETRACHLOROETHENE	UG/KG	ND	7	
TOLUENE	UG/KG	ND	7	
TRANS 1,2 DICHLOROETHYLENE	UG/KG	ND	7	
1,1,1-TRICHLOROETHANE	UG/KG	ND	7	
1,1,2-TRICHLOROETHANE	UG/KG	ND	7	
TRICHLOROETHENE	UG/KG	ND	7	
TRICHLOROFLUOROMETHANE	UG/KG	ND	7	
1,2,3 TRICHLOROPROPANE	UG/KG	ND	7	
VINYL CHLORIDE	UG/KG	ND	7	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 004
Client Sample Id: 824OWSC-4
Sample Date/Time: 30-SEP-99 1020
Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
M,P-XYLENE	UG/KG	ND	16	
O-XYLENE	UG/KG	ND	7	
DIBROMOFLUOROMETHANE	%REC/SURR	85	70-130	
TOLUENE-D8	%REC/SURR	96	70-130	
BROMOFLUOROBENZENE	%REC/SURR	98	70-130	
ANALYST	INITIALS	LD		

Comments:
EXTRUSION DATE: 01-OCT-99
EXTRUSION BEGIN: 13:59
EXTRUSION END: 14:23

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 004 Sample Date/Time: 30-SEP-99 1020
Client Sample Id: 824OWSC-4 Received Date: 01-OCT-99

"Sample Tic Report"

Number of Tics Found: 9
Concentration Units: UG/KG

Cas Number:	Compound Name:	RT:	Est Conc:	Q:
1066-40-6	SILANOL, TRIMETHYL-	9.13	30	J5
541-05-9	CYCLOTRISILOXANE, HEXAMETHYL-	17.14	300	J5
	UNKNOWN SILOXANE	22.25	900	J5
	UNKNOWN HYDROCARBON	26.21	70	J5
112-40-3	DODECANE	27.94	20	J5
17301-23-4	UNDECANE, 2,6-DIMETHYL-	28.06	10	J5
	UNKNOWN HYDROCARBON	28.69	10	J5
629-50-5	TRIDECANE	29.20	20	J5
	UNKNOWN DECANE	30.37	7	J5

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 005 Sample Date/Time: 30-SEP-99 1030
Client Sample Id: 824OWSC-5 Received Date: 01-OCT-99

Batch: KAS099 Extraction Date: N/A
Blank: A Dry Weight %: 87 Analysis Date: 06-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZENE	UG/KG	ND	5	
BENZYL CHLORIDE	UG/KG	ND	5	
BROMOBENZENE	UG/KG	ND	5	
BROMODICHLOROMETHANE	UG/KG	ND	5	
BROMOFORM	UG/KG	ND	5	
BROMOMETHANE	UG/KG	ND	5	
CARBON TETRACHLORIDE	UG/KG	ND	5	
CHLOROBENZENE	UG/KG	ND	5	
CHLOROETHANE	UG/KG	ND	5	
2-CHLOROETHYLVINYL ETHER	UG/KG	ND	5	
CHLOROFORM	UG/KG	ND	5	
CHLOROMETHANE	UG/KG	ND	5	
CHLORODIBROMOMETHANE	UG/KG	ND	5	
DIBROMOMETHANE	UG/KG	ND	5	
1,4-DICHLOROBENZENE	UG/KG	ND	5	
1,3-DICHLOROBENZENE	UG/KG	ND	5	
1,2-DICHLOROBENZENE	UG/KG	ND	5	
DICHLORODIFLUOROMETHANE	UG/KG	ND	5	
1,1-DICHLOROETHANE	UG/KG	ND	5	
1,2-DICHLOROETHANE	UG/KG	ND	5	
1,1-DICHLOROETHENE	UG/KG	ND	5	
1,2-DICHLOROPROPANE	UG/KG	ND	5	
CIS-1,3-DICHLOROPROPENE	UG/KG	ND	5	
TRANS-1,3-DICHLOROPROPENE	UG/KG	ND	5	
ETHYL BENZENE	UG/KG	ND	5	
METHYLENE CHLORIDE	UG/KG	ND	5	
METHYL T-BUTYL ETHER	UG/KG	ND	5	
1,1,1,2-TETRACHLOROETHANE	UG/KG	ND	5	
1,1,2,2-TETRACHLOROETHANE	UG/KG	ND	5	
TETRACHLOROETHENE	UG/KG	ND	5	
TOLUENE	UG/KG	ND	5	
TRANS 1,2 DICHLOROETHYLENE	UG/KG	ND	5	
1,1,1-TRICHLOROETHANE	UG/KG	ND	5	
1,1,2-TRICHLOROETHANE	UG/KG	ND	5	
TRICHLOROETHENE	UG/KG	ND	5	
TRICHLOROFLUOROMETHANE	UG/KG	ND	5	
1,2,3 TRICHLOROPROPANE	UG/KG	ND	5	
VINYL CHLORIDE	UG/KG	ND	5	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 005 Sample Date/Time: 30-SEP-99 1030
Client Sample Id: 824OWSC-5 Received Date: 01-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
M,P-XYLENE	UG/KG	ND	11	
O-XYLENE	UG/KG	ND	5	
DIBROMOFLUOROMETHANE	%REC/SURR	89	70-130	
TOLUENE-D8	%REC/SURR	98	70-130	
BROMOFLUOROBENZENE	%REC/SURR	96	70-130	
ANALYST	INITIALS	LD		

Comments:
EXTRUSION DATE: 01-OCT-99
EXTRUSION BEGIN: 13:59
EXTRUSION END: 14:23

"FINAL REPORT FORMAT - SINGLE"

Accession: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5035/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: SOIL
QC Level: IIY

Lab Id: 005 Sample Date/Time: 30-SEP-99 1030
Client Sample Id: 824OWSC-5 Received Date: 01-OCT-99

"Sample Tic Report"

Number of Tics Found: 6
Concentration Units: UG/KG

Cas Number:	Compound Name:	RT:	Est Conc:	Q:
1066-40-6	SILANOL, TRIMETHYL-	9.13	20	J5
541-05-9	CHYCLOTRISILOXANE, HEXAMETHYL-	17.14	200	J5
	UNKNOWN SILOXANE	22.25	500	J5
	UNKNOWN HYDROCARBON	23.04	10	J5
	UNKNOWN HYDROCARBON	26.21	50	J5
	UNKNOWN HYDROCARBON	28.67	10	J5

"Method Report Summary"

Accession Number: 910007
Client: TASK ENVIRONMENTAL
Project Number: 824/337
Project Name: CECIL FIELD
Project Location: JACKSONVILLE, FL
Test: SW 846 8260B TABLE SIX

Client Sample Id:	Parameter:	Unit:	Result:
824OWSC-3	ETHYL BENZENE	UG/KG	16
	M,P-XYLENE	UG/KG	8

Appendix F

Analytical Laboratory Report for Confirmatory Groundwater Sample

"FINAL REPORT FORMAT - SINGLE"

Accession: 910764
Client: TASK ENVIRONMENTAL
Project Number: N/S
Project Name: TANK REMOVAL
Project Location: CECIL FIELD, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5030B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: GROUNDWATER
QC Level: IIMS

Lab Id: 003
Client Sample Id: 824-TEMP-01
Sample Date/Time: 22-OCT-99 1135
Received Date: 23-OCT-99

Batch: BUW374
Blank: A
Dry Weight %: N/A
Extraction Date: N/A
Analysis Date: 03-NOV-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZENE	UG/L	ND	5	
BROMOBENZENE	UG/L	ND	5	
BROMOCHLOROMETHANE	UG/L	ND	5	
BROMODICHLOROMETHANE	UG/L	ND	5	
BROMOFORM	UG/L	ND	5	
BROMOMETHANE	UG/L	ND	5	
CARBON TETRACHLORIDE	UG/L	ND	5	
CHLOROBENZENE	UG/L	ND	5	
CHLOROETHANE	UG/L	ND	5	
CHLOROFORM	UG/L	ND	5	
CHLOROMETHANE	UG/L	ND	5	
2-CHLOROTOLUENE	UG/L	ND	5	
4-CHLOROTOLUENE	UG/L	ND	5	
CIS 1,2 DICHLOROETHYLENE	UG/L	ND	5	
CHLORODIBROMOMETHANE	UG/L	ND	5	
DIBROMOMETHANE	UG/L	ND	5	
1,4-DICHLOROBENZENE	UG/L	ND	5	
1,3-DICHLOROBENZENE	UG/L	ND	5	
1,2-DICHLOROBENZENE	UG/L	ND	5	
DICHLORODIFLUOROMETHANE	UG/L	ND	5	
1,1-DICHLOROETHANE	UG/L	ND	5	
1,2-DICHLOROETHANE	UG/L	ND	5	
1,1-DICHLOROETHENE	UG/L	ND	5	
1,3 DICHLOROPROPANE	UG/L	ND	5	
2,2-DICHLOROPROPANE	UG/L	ND	5	
1,2-DICHLOROPROPANE	UG/L	ND	5	
CIS-1,3-DICHLOROPROPENE	UG/L	ND	5	
TRANS-1,3-DICHLOROPROPENE	UG/L	ND	5	
1,1 DICHLOROPROPENE	UG/L	ND	5	
ETHYL BENZENE	UG/L	9	5	
HEXACHLOROBUTADIENE	UG/L	ND	5	
ISOPROPYL BENZENE	UG/L	4	5	J7
P-ISOPROPYLTOLUENE	UG/L	4	5	J7
METHYLENE CHLORIDE	UG/L	ND	5	
NAPHTHALENE	UG/L	86	5	
N-BUTYL BENZENE	UG/L	ND	5	
N-PROPYL BENZENE	UG/L	8	5	
SEC-BUTYL BENZENE	UG/L	5	5	J7
STYRENE	UG/L	ND	5	
TERT-BUTYL BENZENE	UG/L	ND	5	

SEVERN TRENT LABORATORIES 11 East Olive Road Pensacola, Florida 32514 (850) 474-1001

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 910764
Client: TASK ENVIRONMENTAL
Project Number: N/S
Project Name: TANK REMOVAL
Project Location: CECIL FIELD, FL
Test: RCRA METALS - AXIAL
QcLevel: IIMS

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: 824-TEMP-01			Lab ID:003		
SILVER (6010B)	MG/L	ND	0.005	AYW326	
ARSENIC (6010B)	MG/L	ND	0.005	RYW326	
BARIUM (6010B)	MG/L	0.04	0.01	BYW326	
CADMIUM (6010B)	MG/L	ND	0.005	CYW326	
CHROMIUM (6010B)	MG/L	ND	0.005	HYW326	
MERCURY (7470A)	MG/L	ND	0.0002	M7W110	
LEAD (6010B)	MG/L	0.005	0.005	PYW326	
SELENIUM (6010B)	MG/L	ND	0.01	SYW326	
Comments:					
Client ID: CEF-334-EB-1022			Lab ID:005		
SILVER (6010B)	MG/L	ND	0.005	AYW326	
ARSENIC (6010B)	MG/L	ND	0.005	RYW326	
BARIUM (6010B)	MG/L	ND	0.01	BYW326	
CADMIUM (6010B)	MG/L	ND	0.005	CYW326	
CHROMIUM (6010B)	MG/L	ND	0.005	HYW326	
MERCURY (7470A)	MG/L	ND	0.0002	M7W110	
LEAD (6010B)	MG/L	ND	0.005	PYW326	
SELENIUM (6010B)	MG/L	ND	0.01	SYW326	
Comments:					
Client ID: CEF-334-2S			Lab ID:006		
SILVER (6010B)	MG/L	ND	0.005	AYW326	
ARSENIC (6010B)	MG/L	0.006	0.005	RYW326	
BARIUM (6010B)	MG/L	0.06	0.01	BYW326	
CADMIUM (6010B)	MG/L	ND	0.005	CYW326	
CHROMIUM (6010B)	MG/L	0.075	0.005	HYW326	
MERCURY (7470A)	MG/L	0.0006	0.0002	M7W110	
LEAD (6010B)	MG/L	0.052	0.005	PYW326	
SELENIUM (6010B)	MG/L	ND	0.01	SYW326	
Comments:					
Client ID: CEF-334-102S			Lab ID:007		
SILVER (6010B)	MG/L	ND	0.005	AYW326	
ARSENIC (6010B)	MG/L	ND	0.005	RYW326	
BARIUM (6010B)	MG/L	0.05	0.01	BYW326	
CADMIUM (6010B)	MG/L	ND	0.005	CYW326	
CHROMIUM (6010B)	MG/L	0.065	0.005	HYW326	
MERCURY (7470A)	MG/L	0.0006	0.0002	M7W110	
LEAD (6010B)	MG/L	0.046	0.005	PYW326	
SELENIUM (6010B)	MG/L	ND	0.01	SYW326	
Comments:					

"FINAL REPORT FORMAT - SINGLE"

Accession: 910764
Client: TASK ENVIRONMENTAL
Project Number: N/S
Project Name: TANK REMOVAL
Project Location: CECIL FIELD, FL
Test: SW 846 8260B TABLE SIX
Analysis Method: 8260B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 5030B/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd. Ed.
Matrix: GROUNDWATER
QC Level: IIMS

Lab Id: 003
Client Sample Id: 824-TEMP-01
Sample Date/Time: 22-OCT-99 1135
Received Date: 23-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
1,1,1,2-TETRACHLOROETHANE	UG/L	ND	5	
1,1,2,2-TETRACHLOROETHANE	UG/L	ND	5	
TETRACHLOROETHENE	UG/L	ND	5	
TOLUENE	UG/L	ND	5	
TRANS 1,2 DICHLOROETHYLENE	UG/L	ND	5	
1,1,1-TRICHLOROETHANE	UG/L	ND	5	
1,1,2-TRICHLOROETHANE	UG/L	ND	5	
1,2,3 TRICHLOROBENZENE	UG/L	ND	5	
1,2,4 TRICHLOROBENZENE	UG/L	ND	5	
TRICHLOROETHENE	UG/L	ND	5	
TRICHLOROFLUOROMETHANE	UG/L	9	5	
1,2,3 TRICHLOROPROPANE	UG/L	ND	5	
1,2,4-TRIMETHYLBENZENE	UG/L	71	5	
1,3,5-TRIMETHYLBENZENE	UG/L	19	5	
VINYL CHLORIDE	UG/L	ND	5	
M,P-XYLENE	UG/L	19	5	
O-XYLENE	UG/L	12	5	
PENTAFLUOROBENZENE	%REC/SURR	91	70-130	
TOLUENE-D8	%REC/SURR	97	70-130	
BROMOFLUOROBENZENE	%REC/SURR	99	70-130	
ANALYST	INITIALS	GRH		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 910764
Client: TASK ENVIRONMENTAL
Project Number: N/S
Project Name: TANK REMOVAL
Project Location: CECIL FIELD, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3520C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: GROUNDWATER
QC Level: IIMS

Lab Id: 003
Client Sample Id: 824-TEMP-01
Sample Date/Time: 22-OCT-99 1135
Received Date: 23-OCT-99

Batch: ALW111
Blank: A
Dry Weight %: N/A
Extraction Date: 28-OCT-99
Analysis Date: 01-NOV-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
BENZOIC ACID	UG/L	320	50	
4-CHLORO-3-METHYLPHENOL	UG/L	ND	10	
2-CHLOROPHENOL	UG/L	ND	10	
2,4-DICHLOROPHENOL	UG/L	ND	10	
2,6-DICHLOROPHENOL	UG/L	ND	10	
2,4-DIMETHYLPHENOL	UG/L	ND	10	
4,6-DINITRO-2-METHYLPHENOL	UG/L	ND	50	
2,4-DINITROPHENOL	UG/L	ND	50	
2-METHYLPHENOL	UG/L	ND	10	
4-METHYLPHENOL	UG/L	65	10	
2-NITROPHENOL	UG/L	ND	10	
4-NITROPHENOL	UG/L	ND	50	
PENTACHLOROPHENOL	UG/L	ND	50	
PHENOL	UG/L	ND	10	
2,3,4,6-TETRACHLOROPHENOL	UG/L	ND	10	
2,4,5-TRICHLOROPHENOL	UG/L	ND	50	
2,4,6-TRICHLOROPHENOL	UG/L	ND	10	
ACENAPHTHENE	UG/L	ND	10	
ACENAPHTHYLENE	UG/L	ND	10	
ACETOPHENONE	UG/L	ND	10	
4-AMINOBIPHENYL	UG/L	ND	10	
ANILINE	UG/L	ND	10	
ANTHRACENE	UG/L	ND	10	
BENZIDINE	UG/L	ND	50	
BENZO (A) ANTHRACENE	UG/L	ND	10	
BENZO (A) PYRENE	UG/L	ND	10	
BENZO (B) FLUORANTHENE	UG/L	ND	10	
BENZO (G,H,I) PERYLENE	UG/L	ND	10	
BENZO (K) FLUORANTHENE	UG/L	ND	10	
BENZYL ALCOHOL	UG/L	ND	10	
BIS(2-CHLOROETHOXY)METHANE	UG/L	ND	10	
BIS(2-CHLOROETHYL)ETHER	UG/L	ND	10	
BIS(2-CHLOROISOPROPYL)ETHER	UG/L	ND	10	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	ND	10	
4-BROMOPHENYL PHENYL ETHER	UG/L	ND	10	
BUTYLBENZYL PHTHALATE	UG/L	ND	10	
4-CHLOROANILINE	UG/L	ND	10	
1-CHLORONAPHTHALENE	UG/L	ND	10	
2-CHLORONAPHTHALENE	UG/L	ND	10	
4-CHLOROPHENYL PHENYL ETHER	UG/L	ND	10	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910764
Client: TASK ENVIRONMENTAL
Project Number: N/S
Project Name: TANK REMOVAL
Project Location: CECIL FIELD, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3520C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: GROUNDWATER
QC Level: IIMS

Lab Id: 003 Sample Date/Time: 22-OCT-99 1135
Client Sample Id: 824-TEMP-01 Received Date: 23-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
CHRYSENE	UG/L	ND	10	
DIBENZ(A,J)ACRIDINE	UG/L	ND	10	
DIBENZO (A,H) ANTHRACENE	UG/L	ND	10	
DIBENZOFURAN	UG/L	ND	10	
1,2-DICHLOROBENZENE	UG/L	ND	10	
1,3-DICHLOROBENZENE	UG/L	ND	10	
1,4-DICHLOROBENZENE	UG/L	ND	10	
3,3'-DICHLOROBENZIDINE	UG/L	ND	50	
DIETHYLPHTHALATE	UG/L	ND	10	
P-DIMETHYLAMINOAZOBENZENE	UG/L	ND	10	
7,12-DIMETHYLBENZ(A)ANTHRACENE	UG/L	ND	10	
DIMETHYLPHTHALATE	UG/L	ND	10	
DI-N-BUTYLPHTHALATE	UG/L	ND	10	
2,4-DINITROTOLUENE	UG/L	ND	10	
2,6-DINITROTOLUENE	UG/L	ND	10	
DI-N-OCTYLPHTHALATE	UG/L	ND	10	
DIPHENYLAMINE	UG/L	ND	10	
1,2-DIPHENYLHYDRAZINE	UG/L	ND	10	
FLUORANTHENE	UG/L	ND	10	
FLUORENE	UG/L	ND	10	
HEXACHLOROBENZENE	UG/L	ND	10	
HEXACHLOROBUTADIENE	UG/L	ND	10	
HEXACHLOROCYCLOPENTADIENE	UG/L	ND	10	
HEXACHLOROETHANE	UG/L	ND	10	
INDENO (1,2,3-CD) PYRENE	UG/L	ND	10	
ISOPHORONE	UG/L	ND	10	
3-METHYLCHOLANTHRENE	UG/L	ND	10	
2-METHYLNAPHTHALENE	UG/L	38	10	
NAPHTHALENE	UG/L	63	10	
1-NAPHTHYLAMINE	UG/L	ND	10	
2-NAPHTHYLAMINE	UG/L	ND	10	
2-NITROANILINE	UG/L	ND	10	
3-NITROANILINE	UG/L	ND	10	
4-NITROANILINE	UG/L	ND	10	
NITROBENZENE	UG/L	ND	10	
N-NITROSODIMETHYLAMINE	UG/L	ND	10	
N-NITROSODI-N-BUTYLAMINE	UG/L	ND	10	
N-NITROSODIPHENYLAMINE	UG/L	ND	10	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	ND	10	
N-NITROSOPIPERIDINE	UG/L	ND	10	
PENTACHLOROBENZENE	UG/L	ND	10	
PENTACHLORONITROBENZENE (PCNB)	UG/L	ND	10	
PHENACETIN	UG/L	ND	10	
PHENANTHRENE	UG/L	ND	10	
2-PICOLINE	UG/L	ND	10	

"FINAL REPORT FORMAT - SINGLE"

Accession: 910764
Client: TASK ENVIRONMENTAL
Project Number: N/S
Project Name: TANK REMOVAL
Project Location: CECIL FIELD, FL
Test: ACID & BASE EXTRACTABLES (8270C)
Analysis Method: 8270C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Extraction Method: 3520C/Test Methods for Evaluating Solid and Haz Waste, SW-846, 3rd Ed.
Matrix: GROUNDWATER
QC Level: IIMS

Lab Id: 003
Client Sample Id: 824-TEMP-01
Sample Date/Time: 22-OCT-99 1135
Received Date: 23-OCT-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
PRONAMIDE	UG/L	ND	10	
PYRENE	UG/L	ND	10	
1,2,4,5-TETRACHLOROBENZENE	UG/L	ND	10	
1,2,4 TRICHLOROBENZENE	UG/L	ND	10	
2-FLUOROPHENOL	%REC/SURR	56	21-100	
PHENOL-D6	%REC/SURR	74	10-100	
2,4,6-TRIBROMOPHENOL	%REC/SURR	81	10-123	
2-FLUOROBIPHENYL	%REC/SURR	71	43-116	
NITROBENZENE-D5	%REC/SURR	61	35-114	
TERPHENYL-D14	%REC/SURR	76	33-124	
ANALYST	INITIALS	RW		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 910764
Client: TASK ENVIRONMENTAL
Project Number: N/S
Project Name: TANK REMOVAL
Project Location: CECIL FIELD, FL
Test: FLPRO\PETRO. HYDROCARBON RANGE C8-C40
Analysis Method: FL DEP Method for Determination of Petroleum Range Organics (PRO), 1995.
Extraction Method: 3510C/SW-846, 3rd Ed, 3rd Update, Dec 1996.
Matrix: GROUNDWATER
QC Level: IIMS

Lab Id: 003
Client Sample Id: 824-TEMP-01
Sample Date/Time: 22-OCT-99 1135
Received Date: 23-OCT-99

Batch: FLW148
Blank: A
Dry Weight %: N/A
Extraction Date: 28-OCT-99
Analysis Date: 01-NOV-99

Parameter:	Units:	Results:	Rpt Lmts:	Q:
TOTAL PETROLEUM HYDROCARBON	UG/L	780	100	
ORTHO TER PHENYL	%REC/SURR	95	82-142	
NONATRIACONTANE	%REC/SURR	88	42-193	
ANALYST	INITIALS	HAH		

Comments:

RCH B99-7130

CHAIN OF CUSTODY

Severn Trent Laboratories
11 East Olive Road • Pensacola, FL 32514
Tel: (850) 474-1001 • Fax: (850) 474-4789

Committed To *Your* Success

LAB ACCESSION # 9107764

PART 1 - Bottle Shipment Information

CLIENT: TASK ENV.

CLIENT PROJECT NUMBER: F0150

QUANTITY OF SAMPLE CONTAINERS SHIPPED	PRESERVATIVE							PLASTIC CONTAINERS							GLASS CONTAINERS									NOTES
	H_2SO_4	HNO3	HCL	Zn Acetate	$Na_2S_2O_3$	Unpreserved	NaOH	8 oz.	16 oz.	32 oz.	½ gallon	1 gallon	Whirl-pak	100-ML Cup	120 ml (A)	1 liter (A)	1 liter (C)	40 ml Vial	4 oz. wm	8 oz. wm	16 oz. wm	32 oz. wm	D.I. Trip Blank	

Relinquished By: [signature] Time 1733 Date 10-19-99 Received By: [signature] Time 800 Date 102099

PART 2 - Sample/Project Information

SAMPLE MATRIX CODES

DW DRINKING WATER
WW WASTEWATER
GW GROUNDWATER
AI AIR
SO SOIL
OI OIL
SW SURFACE WATER
SL SLUDGE
ST STORMWATER

PARAMETERS AND PRESERVATIVES REQUESTED

SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME	MATRIX	8021B	8310	FLRO		8260	8270	RCRA 8	FL PRO							TOTAL # OF BOTTLES
15U-TEMP-01	10.22.99	0845	GW	✓	✓	✓												4
842-TEMP-01	10.22.99	1000	GW	✓	✓	✓												4
B24-TEMP-01	10.22.99	1135	GW					✓	✓	✓	✓							6
MW-31S	10.22.99	1330	GW	✓	✓	✓												4
CEF-334-EB-102	10.22.99	1425	GW					✓	✓	✓	✓							6
CEF-334-2S	10.22.99	1435	GW					✓	✓	✓	✓							6
CEF-334-102S	10.22.99	1440	GW					✓	✓	✓	✓							6
337-TEMP-01	10.22.99	1615	GW	✓	✓	✓												4
81-TEMP-01	10.22.99	1720	GW	✓	✓	✓												4
TRIP BLANKS (2)	10.22.99			✓				✓										4

Total Number of Bottles/Containers: 48

Relinquished By	Date	Time	Received By	Date	Time
[signature]	10-22-99	1	Linda Kitt-Moore	10/23/99	1030

Client TASK Environmental			Purchase Order Number
Address 501 S. Boulevard			Project Number
City Tampa	State FL	Zip 33606	Project Name CECILFIELD
Phone Number (813) 254-8332	Fax Number (813) 254-8484		Project Location
Project Manager Susan Tobin			Sampled By P. KROISE / D. CLINE

TURNAROUND TIMES	check below	SPECIAL INSTRUCTIONS
Standard - 14-21 days	✓	8021 (BETX + MTBE) ONLY
RUSH (must be approved in advance)		
<- 48 hours - 2x standard price		
3-7 days - 1.5x standard price		
TCLP - 1 week rush 1.5x standard price		
QC Level none I II III IV (circle one)		Copies of report needed _____

FORM # 12694

WHITE — LAB CANARY — REPORT PINK — CLIENT