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FIRST QUARTER 2004 OPERATIONS AND MAINTENANCE STATUS REPORT FOR AIR SPARGING AND SOIL VAPOR EXTRACTION SYSTEM AT 103RD STREET AND A AVENUE JET FUEL TRANSFER PIPELINE NAS CECIL FIELD FL

6/1/2004

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First Quarter 2004
Operations and Maintenance Status Report
January 1, 2004 – March 31, 2004

AIR SPARGING AND SOIL VAPOR EXTRACTION SYSTEM
103RD STREET AND "A" AVENUE
Jet Fuel Transfer Pipeline

Naval Air Station Cecil Field
Jacksonville, Florida

Contract No. N62467-02-G-0352
Contract Task Order No. 0001

Submitted to:

U.S. Naval Facilities Engineering Command
Southern Division

Prepared by:

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June 2004

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Signature Page

I, James L. Young, do hereby affirm that the information contained in this report is accurate and correct to the best of my knowledge and belief.

		PG-FL2090, REM-6089
James L. Young, P.G., REM President/CEO TERRAINE, Inc.	Date	Registration Nos.

Acronym List

AS	Air Sparge
AST	Aboveground Storage Tank
bls	Below Land Surface
BOA	Blanket Ordering Agreement
ºC	Degrees Celsius
CCI	CH2M HILL Constructors, Inc.
cfm	Cubic Feet Per Minute
DO	Dissolved Oxygen
EPA	U.S. Environmental Protection Agency
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
GAC	Granular Activated Carbon
GCTLs	Groundwater Cleanup Target Levels
J.A. Jones	J.A. Jones Environmental Services
LNAPL	Light Non-Aqueous Phase Liquids
NAS	Naval Air Station
NAVFAC	Naval Facilities Engineering Command
O&M	operation and maintenance
PAHs	Polynuclear Aromatic Hydrocarbons
PRO	Petroleum Range Organics
psi	Pounds Per Square Inch
RAP	Remedial Action Plan
scfm	Standard Cubic Feet Per Minute
SVE	Soil Vapor Extraction
SVOC	Semi-volatile Organic Compound
TERRAINE	Terraine, Inc. Environmental Services
TRPH	Total Recoverable Petroleum Hydrocarbon
TtNUS	TetraTech NUS, Inc.
VOCs	Volatile Organic Compounds

1.0 Introduction

Terraine, Inc. (TERRAINE) has been contracted by the Department of the Navy, Southern Division, Naval Facilities Engineering Command, to provide operation and maintenance (O&M) services at 103rd Street and "A" Avenue Jet Fuel Transfer Pipeline (103rd Street and "A" Avenue), Naval Air Station (NAS) Cecil Field, Jacksonville, Florida, under Basic Ordering Agreement (BOA) **Contract No. N62467-02-G-0352, Contract Task Order No. 0001**. The purpose of this quarterly O&M Report is to provide a summary of activities performed at the site during the period of January 1, 2004 through March 31, 2004.

Objective

The objective of the remedial action at the site of 103rd Street and "A" Avenue is to reduce the concentrations of petroleum-related contaminants in the groundwater and unsaturated soils to target levels specified by Florida Administrative Code (FAC) 62-777. Air sparging/soil vapor extraction was the technology being utilized to achieve this objective.

1.1 Site History

The 103rd Street and "A" Avenue site is located approximately 1/4-mile east of the "A" Avenue gate to former NAS Cecil Field. An 8-inch-diameter, steel jet fuel transfer pipeline was completed in 1952 to transfer jet fuel from NAS Jacksonville to NAS Cecil Field. In July 1997, a small leak (1/8-inch-diameter) was discovered in the pipeline located beneath the eastbound lane of 103rd Street. In July 1997, Bechtel Environmental, Inc. removed approximately 900 cubic yards of petroleum-contaminated soil that had resulted from the leak. The pipeline is currently de-fueled and inactive (Tetra Tech NUS, Inc. [TtNUS], 1999).

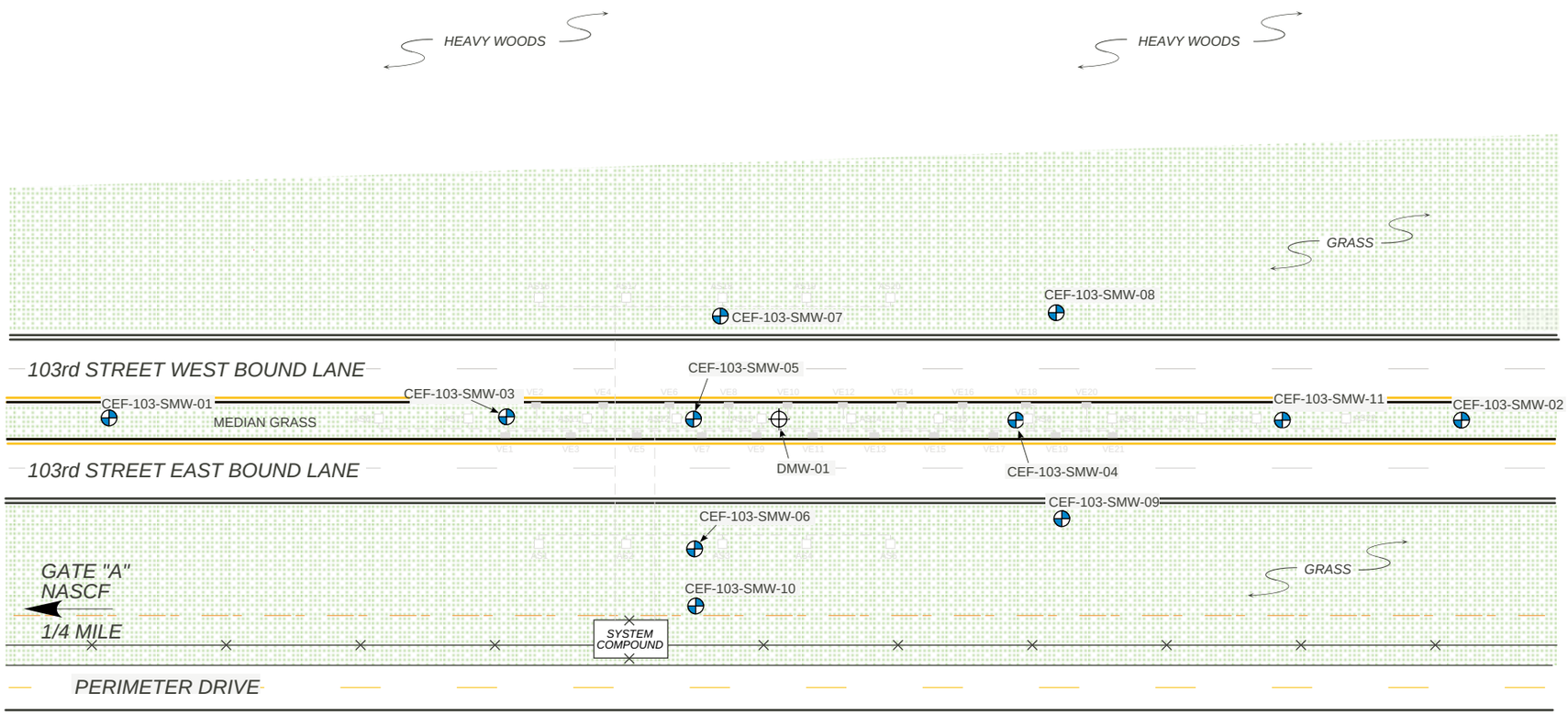
Site assessment activities were performed by TtNUS from 1998 to 1999 to delineate the extent of the light non-aqueous phase liquid (LNAPL), and soil and groundwater contamination at the site. A Remedial Action Plan (RAP) was subsequently submitted in August 1999. Air sparging and soil vapor extraction were specified in the RAP as the chosen remedial alternatives to address the soil and groundwater contamination at the site (TtNUS, 1999). The RAP-specified remediation system was constructed by CCI/J.A. Jones Environmental Services (J.A. Jones) during the period of March to May 2000 and start-up was completed on May 23, 2000. The system has been operated and maintained by CCI/J.A. Jones from start-up until the Third Quarter of 2002. TERRAINE took control of operation and maintenance beginning in October, 2002.

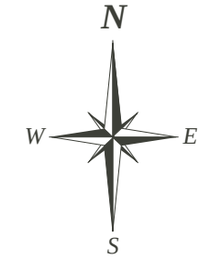
Due to substantial reduction of contaminant concentrations at the site, the FDEP issued a Post Active Remediation Monitoring Plan Approval Order on April 23, 2003. In accordance with the order, the air sparging system was deactivated and post-active remediation monitoring commenced. For a period of one year, groundwater from the following monitoring wells were to be a sampled on a quarterly basis for Volatile Organic Compounds (VOCs), Polynuclear Aromatic Hydrocarbons (PAHs), Total Recoverable Petroleum Hydrocarbons (TRPH), and lead: CEF-103-SMW03, CEF-103-SMW04, CEF-103-SMW05, CEF-103-SMW06, CEF-103-SMW07, CEF-103-SMW08, CEF-103-SMW09, and CEF-103-SMW11.

1.2 Remediation System/Technology Description

Air sparging is a method of expediting the transfer of saturated zone VOCs from the groundwater table to the vadose zone, where a soil vapor extraction (SVE) system can complete the VOC removal process. Hydrocarbon-free air is injected into air sparge wells, which are screened within the groundwater contaminant plume. As the injected air passes upward through the VOC-laden groundwater and soil, VOCs are partitioned to the passing air and migrate to the vadose zone. The SVE wells, which are located in the vadose zone above the sparge area, apply a vacuum such that the sparge air is captured and removed from the subsurface. The 103rd Street and “A” Avenue air sparge system consists of 20 air sparge wells, labeled as AS-1 through AS-20 that are screened from 22 to 25 feet below land surface (bls), a rotary screw-type compressor, a receiver tank, and associated piping and instrumentation. The air sparge system is designed for each air sparge well to operate at an airflow rate of 10 to 12 cubic feet per minute (cfm) at a maximum pressure of 12 pounds per square inch (psi). The locations of the air sparge wells are shown in **Figure 1-1**.

Soil vapor extraction (SVE) is performed by applying a negative pressure (or vacuum) to SVE wells placed in the vadose zone. The actual removal is accomplished by lowering the relative pressure in the soil mass below the equilibrium pressure of the contaminant using a vacuum blower. The contaminant in the soil will volatilize, and then be removed via the SVE wells. The SVE system at the 103rd Street and “A” Avenue site consists of 21 vertical vapor extraction wells (labeled VE-1 through VE-21) a positive-displacement type vacuum blower, a moisture separator equipped with a transfer pump and storage tank, and associated piping and instrumentation. The SVE system was initially equipped with two 1,000-lb granular activated carbon (GAC) units placed in series to treat the soil vapors prior to being discharged to the atmosphere. The GACs were subsequently removed when the effluent VOC concentration decreased below the Florida Department of Environmental Protection (FDEP) requirement and the mandatory 30-day period had been satisfied (see section 3.1). The SVE system is designed for each vapor extraction well to operate at an airflow rate of 16 to 17 cfm and at a vacuum pressure of 4 inches of mercury (in Hg) at the wellhead. The locations of the SVE wells are shown on **Figure 1-1**.





NOTES

DASHED LINES INDICATE SUBSURFACE FEATURES

LEGEND

- PERIMETER FENCE
- EDGE OF PAVEMENT
- BELLSOUTH PHONE UTILITY LINE
- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- AIR SPARGE WELL VAULT
- SVE WELL VAULT

TERRAINE
Environmental Consulting

SITE MAP

103RD STREET SITE
NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

0 40 ft 80 ft 160 ft

1 inch = 80 feet

DWN BY: JLY	CHK BY: MJP
SCALE: 1" = 80'	APR BY: JLY
DATE: 02-21-03	FILE: 04-41001

2.0 System Performance Monitoring

Post active remediation O&M and system checks were performed January 12 and 16, February 27, and March 12 and 23, 2004 during the monitoring period. During a post active remediation O&M check, the system is restarted for a period of 15 minutes, a preventative maintenance checklist (based upon manufacturer's recommendations) is completed, any required maintenance activity is performed, and system performance is evaluated. Upon completion of the O&M check, the system is turned off.

2.1 Operational Efficiencies

No problems were encountered during the post active remediation O&M checks conducted January 12, 2004 and January 16, 2004. The system operated for the entire 15 minute duration. During the check conducted on February 27, 2004, the system shut down after operating for 1 minute. During the O&M check conducted March 12, 2004, the system operated for the entire 15 minute duration. During the March 23, 2004 O&M check, the system was unable to start.

2.2 Summary of Maintenance

No maintenance was performed during the monitoring period. Maintenance is scheduled for June, 2004.

2.3 Pressure/Flow Rate Monitoring

2.3.1 Air Sparge System

Prior to commencement of O&M activities by TERRAINE, the Air Sparging system had a reduction in total number of operating wells. Only Air Sparge (AS) wells AS-8, AS-9, AS-10, AS-14, AS-15, AS-21, and AS-22 were active. Data collected between May 23, 2002 and October 1, 2002 was never submitted by the previous contractor. Since October 1, 2002, pressure was measured at each sparge wellhead on a monthly basis until system shutdown in June 2003. The data are provided in **Table 2-1**.

2.3.2 Vapor Extraction System

The SVE system was deactivated prior to commencement of O&M activities by TERRAINE.

2.4 Water Level Measurements

Depth-to-water measurements were recorded at selected monitoring wells on a quarterly basis during the monitoring period. The top of casing elevation, depth-to-water measurements, and calculated water level elevations are provided in **Table 2-2**.

LNAPL was not noted in any monitoring well during the monitoring period.

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-1	5/26/2000	NR	10
	6/2/2000	NR	11
	6/9/2000	0	9
	6/22/2000	0	0
	7/24/2000	NR	NR
	8/29/2000	NR	0
	10/30/2000	NR	8
	11/27/2000	NR	8
	12/18/2000	NR	8
	1/30/2001	NR	7
	2/26/2001	NR	10
	3/26/2001	NR	0
	4/30/2001	NR	0
	5/21/2001	NR	9
	7/24/2001	NR	5
	8/29/2001	NR	9
	9/19/2001	NR	10
	10/29/2001	NR	10
	11/27/2001	NR	8
	12/20/2001	NR	10
	1/30/2002	NR	8
	2/25/2002	NR	9
	3//2002	NR	9
	4/15/2002	NR	9
	5/20/2002	NR	9
	6/26/2002	NR	9
	7/29/2002	NR	8
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-2	5/26/2000	NR	11
	6/2/2000	NR	9
	6/9/2000	0	9
	6/22/2000	0	0
	7/24/2000	NR	NR
	8/29/2000	NR	0
	10/30/2000	NR	8
	11/27/2000	NR	8
	12/18/2000	NR	10
	1/30/2001	NR	8
	2/26/2001	NR	10
	3/26/2001	NR	0
	4/30/2001	NR	10
	5/21/2001	NR	10
	7/24/2001	NR	5
	8/29/2001	NR	9
	9/19/2001	NR	NR
	10/29/2001	NR	9
	11/27/2001	NR	8
	12/20/2001	NR	11
	1/30/2002	NR	8
	2/25/2002	NR	10
	3/28/2002	NR	10
	Apr-02	NR	NR
	4/15/2002	NR	8
	5/20/2002	NR	8
	6/26/2002	NR	9
	7/29/2002	NR	9
	8/30/2002	NR	NR
	9/20/2002	0	0
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	3/19/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-3	5/26/2000	NR	9
	6/2/2000	NR	9
	6/9/2000	0	9
	6/22/2000	0	10
	7/24/2000	NR	10
	8/29/2000	NR	11
	10/30/2000	NR	11
	11/27/2000	NR	10
	12/18/2000	NR	10
	1/30/2001	NR	8
	2/26/2001	NR	11
	3/26/2001	NR	12
	4/30/2001	NR	11
	5/21/2001	NR	10
	7/24/2001	NR	10
	8/29/2001	NR	9
	9/19/2001	NR	12
	10/29/2001	NR	10
	11/27/2001	NR	10
	12/20/2001	NR	10
	1/30/2002	NR	11
	2/25/2002	NR	11
	3/28/2002	NR	9.5
	4/15/2002	NR	11
	5/20/2002	NR	9
	6/26/2002	NR	9
	7/29/2002	NR	8
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-4	5/26/2000	NR	11
	6/2/2000	NR	10
	6/9/2000	0	9
	6/22/2000	0	10
	7/24/2000	NR	NR
	8/29/2000	NR	11
	10/30/2000	NR	9
	11/27/2000	NR	12
	12/18/2000	NR	10
	1/30/2001	NR	6
	2/26/2001	NR	10
	3/26/2001	NR	12
	4/30/2001	NR	11
	5/21/2001	NR	9
	7/24/2001	NR	10
	8/29/2001	NR	9
	9/19/2001	NR	11
	10/29/2001	NR	11
	11/27/2001	NR	10
	12/20/2001	NR	10
	1/30/2002	NR	11
	2/25/2002	NR	9
	3/28/2002	NR	10
	4/15/2002	NR	10
	5/20/2002	NR	9
	6/26/2002	NR	9
	7/29/2002	NR	10
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-5	5/26/2000	NR	14
	6/2/2000	NR	9
	6/9/2000	0	9
	6/22/2000	0	11
	7/24/2000	NR	12
	8/29/2000	NR	11
	10/30/2000	NR	8
	11/27/2000	NR	12
	12/18/2000	NR	9
	1/30/2001	NR	7
	2/26/2001	NR	10
	3/26/2001	NR	14
	4/30/2001	NR	8
	5/21/2001	NR	12
	7/24/2001	NR	10
	8/29/2001	NR	10
	9/19/2001	NR	12
	10/29/2001	NR	10
	11/27/2001	NR	12
	12/20/2001	NR	9
	1/30/2002	NR	12
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	11
	5/20/2002	NR	8
	6/26/2002	NR	10
	7/29/2002	NR	10
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-6	5/26/2000	NR	10
	6/2/2000	NR	9
	6/9/2000	0	9
	6/22/2000	0	8
	7/24/2000	NR	13
	8/29/2000	NR	8
	10/30/2000	NR	9
	11/27/2000	NR	10
	12/18/2000	NR	8
	1/30/2001	NR	10
	2/26/2001	NR	12
	3/26/2001	NR	9
	4/30/2001	NR	10
	5/21/2001	NR	10
	7/24/2001	NR	10
	8/29/2001	NR	8
	9/19/2001	NR	12
	10/29/2001	NR	9
	11/27/2001	NR	10
	12/20/2001	NR	10
	1/30/2002	NR	10
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	10
	5/20/2002	NR	10
	6/26/2002	NR	9
	7/29/2002	NR	8
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	5/12/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-7	5/26/2000	NR	9
	6/2/2000	NR	9
	6/9/2000	0	9
	6/22/2000	0	10
	7/24/2000	NR	14
	8/29/2000	NR	8
	10/30/2000	NR	8
	11/27/2000	NR	12
	12/18/2000	NR	10
	1/30/2001	NR	10
	2/26/2001	NR	12
	3/26/2001	NR	10
	4/30/2001	NR	10
	5/21/2001	NR	10
	7/24/2001	NR	10
	8/29/2001	NR	9
	9/19/2001	NR	10
	10/29/2001	NR	9
	11/27/2001	NR	10
	12/20/2001	NR	10
	1/30/2002	NR	10
	2/25/2002	NR	11
	3/28/2002	NR	10
	4/15/2002	NR	10
	5/20/2002	NR	10
	6/26/2002	NR	9
	7/29/2002	NR	9
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1

AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS

QUARTERLY REPORT MARCH 2004

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE

NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-8	5/26/2000	NR	9
	6/2/2000	NR	9
	6/9/2000	0	11
	6/22/2000	0	8
	7/24/2000	NR	10
	8/29/2000	NR	9
	10/30/2000	NR	9
	11/27/2000	NR	12
	12/18/2000	NR	14
	1/30/2001	NR	7
	2/26/2001	NR	12
	3/26/2001	NR	10
	4/30/2001	NR	10
	5/21/2001	NR	8
	7/24/2001	NR	10
	8/29/2001	NR	9
	9/19/2001	NR	12
	10/29/2001	NR	10
	11/27/2001	NR	9
	12/20/2001	NR	10
	1/30/2002	NR	10
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	10
	5/20/2002	NR	9
	6/26/2002	NR	10
	7/29/2002	NR	10
	8/30/2002	NR	NR
	9/20/2002	2	10
	10/17/2002	2.5	11
	11/14/2002	16	15
	12/19/2002	60	11
	1/16/2003	60	15
	2/14/2003	180	11
	3/13/2003	80	15
	4/10/2003	170	10
	5/12/2003	NR	NR
	6/27/2003	120	16

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-9	5/26/2000	NR	11
	6/2/2000	NR	10
	6/9/2000	0	10
	6/22/2000	0	8
	7/24/2000	NR	11
	8/29/2000	NR	NR
	10/30/2000	NR	8
	11/27/2000	NR	10
	12/18/2000	NR	10
	1/30/2001	NR	7
	2/26/2001	NR	10
	3/26/2001	NR	10
	4/30/2001	NR	9
	5/21/2001	NR	10
	7/24/2001	NR	10
	8/29/2001	NR	9
	9/19/2001	NR	10
	10/29/2001	NR	10
	11/27/2001	NR	8
	12/20/2001	NR	11
	1/30/2002	NR	10
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	9
	5/20/2002	NR	9
	6/26/2002	NR	9
	7/29/2002	NR	9
	8/30/2002	NR	NR
	9/20/2002	2	14
	10/17/2002	2.5	11
	11/14/2002	15	10
	12/19/2002	58	13
	1/16/2003	65	17
	2/14/2003	180	12
	3/13/2003	80	15
	4/10/2003	170	10
	5/12/2003	NR	NR
	6/27/2003	120	16

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-10	5/26/2000	NR	9
	6/2/2000	NR	9
	6/9/2000	0	12
	6/22/2000	0	8
	7/24/2000	NR	13
	8/29/2000	NR	NR
	10/30/2000	NR	8
	11/27/2000	NR	10
	12/18/2000	NR	14
	1/30/2001	NR	8
	2/26/2001	NR	10
	3/26/2001	NR	14
	4/30/2001	NR	9
	5/21/2001	NR	9
	7/24/2001	NR	10
	8/29/2001	NR	8
	9/19/2001	NR	10
	10/29/2001	NR	11
	11/27/2001	NR	9
	12/20/2001	NR	11
	1/30/2002	NR	9
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	10
	5/20/2002	NR	9
	6/26/2002	NR	10.5
	7/29/2002	NR	9
	8/30/2002	NR	NR
	9/20/2002	2	11
	10/17/2002	3.0	11
	11/14/2002	14	8
	12/19/2002	60	12
	1/16/2003	60	10
	2/14/2003	180	12
	3/13/2003	80	16
	4/10/2003	180	11
	5/12/2003	NR	NR
	6/27/2003	115	16

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-11	5/26/2000	NR	11
	6/2/2000	NR	9
	6/9/2000	0	9
	6/22/2000	0	9
	7/24/2000	NR	11
	8/29/2000	NR	11
	10/30/2000	NR	10
	11/27/2000	NR	12
	12/18/2000	NR	11
	1/30/2001	NR	10
	2/26/2001	NR	9
	3/26/2001	NR	10
	4/30/2001	NR	11
	5/21/2001	NR	11
	7/24/2001	NR	10
	8/29/2001	NR	9
	9/19/2001	NR	12
	10/29/2001	NR	12
	11/27/2001	NR	11
	12/20/2001	NR	11
	1/30/2002	NR	11
	2/25/2002	NR	11
	3/28/2002	NR	10.5
	4/15/2002	NR	10.5
	5/20/2002	NR	11
	6/26/2002	NR	10
	7/29/2002	NR	10
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-12	5/26/2000	NR	11
	6/2/2000	NR	7
	6/9/2000	0	10
	6/22/2000	0	9.5
	7/24/2000	NR	12
	8/29/2000	NR	8
	10/30/2000	NR	9
	11/27/2000	NR	12
	12/18/2000	NR	12
	1/30/2001	NR	8
	2/26/2001	NR	11
	3/26/2001	NR	14
	4/30/2001	NR	8
	5/21/2001	NR	9
	7/24/2001	NR	10
	8/29/2001	NR	9
	9/19/2001	NR	13
	10/29/2001	NR	10
	11/27/2001	NR	10
	12/20/2001	NR	10
	1/30/2002	NR	10
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	9.5
	5/20/2002	NR	9
	6/26/2002	NR	10
	7/29/2002	NR	10
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	3/19/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-13	5/26/2000	NR	10
	6/2/2000	NR	9
	6/9/2000	0	10
	6/22/2000	0	9
	7/24/2000	NR	10.5
	8/29/2000	NR	8
	10/30/2000	NR	11
	11/27/2000	NR	10
	12/18/2000	NR	10
	1/30/2001	NR	8
	2/26/2001	NR	11
	3/26/2001	NR	8
	4/30/2001	NR	10
	5/21/2001	NR	9
	7/24/2001	NR	10
	8/29/2001	NR	8
	9/19/2001	NR	9
	10/29/2001	NR	10
	11/27/2001	NR	10
	12/20/2001	NR	10
	1/30/2002	NR	10
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	10
	5/20/2002	NR	10
	6/26/2002	NR	10
	7/29/2002	NR	10
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-14	5/26/2000	NR	9
	6/2/2000	NR	9
	6/9/2000	0	9
	6/22/2000	0	8
	7/24/2000	NR	12
	8/29/2000	NR	8
	10/30/2000	NR	10
	11/27/2000	NR	12
	12/18/2000	NR	12
	1/30/2001	NR	7
	2/26/2001	NR	10
	3/26/2001	NR	12
	4/30/2001	NR	8
	5/21/2001	NR	10
	7/24/2001	NR	10
	8/29/2001	NR	9
	9/19/2001	NR	10
	10/29/2001	NR	10
	11/27/2001	NR	9
	12/20/2001	NR	10
	1/30/2002	NR	10
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	9.5
	5/20/2002	NR	9
	6/26/2002	NR	10
	7/29/2002	NR	9
	8/30/2002	NR	NR
	9/20/2002	2	10
	10/17/2002	2.5	10
	11/14/2002	14	10
	12/19/2002	58	12
	1/16/2003	65	11
	2/14/2003	185	12
	3/13/2003	90	16
	4/10/2003	180	11
	5/12/2003	NR	NR
	6/27/2003	115	16

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-15	5/26/2000	NR	11
	6/2/2000	NR	9
	6/9/2000	0	11
	6/22/2000	0	8.5
	7/24/2000	NR	11
	8/29/2000	NR	15
	10/30/2000	NR	8
	11/27/2000	NR	10
	12/18/2000	NR	8
	1/30/2001	NR	6
	2/26/2001	NR	12
	3/26/2001	NR	14
	4/30/2001	NR	10
	5/21/2001	NR	9
	7/24/2001	NR	10
	8/29/2001	NR	9
	9/19/2001	NR	6
	10/29/2001	NR	10
	11/27/2001	NR	9
	12/20/2001	NR	10
	1/30/2002	NR	8
	2/25/2002	NR	10
	3/28/2002	NR	9
	4/15/2002	NR	9
	5/20/2002	NR	9
	6/26/2002	NR	9
	7/29/2002	NR	9
	8/30/2002	NR	NR
	9/20/2002	2	10
	10/17/2002	0	9
	11/14/2002	16	9
	12/19/2002	56	13
	1/16/2003	65	11
	2/14/2003	180	11
	3/13/2003	80	16
	4/10/2003	180	11
	5/12/2003	NR	NR
	6/27/2003	120	14

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-16	5/26/2000	NR	11
	6/2/2000	NR	10
	6/9/2000	0	10
	6/22/2000	0	10
	7/24/2000	NR	NR
	8/29/2000	NR	10
	10/30/2000	NR	10
	11/27/2000	NR	10
	12/18/2000	NR	10
	1/30/2001	NR	6
	2/26/2001	NR	10
	3/26/2001	NR	10
	4/30/2001	NR	10
	5/21/2001	NR	8
	7/24/2001	NR	10
	8/29/2001	NR	10
	9/19/2001	NR	10
	10/29/2001	NR	9
	11/27/2001	NR	10
	12/20/2001	NR	10
	1/30/2002	NR	10
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	10
	5/20/2002	NR	9
	6/26/2002	NR	8
	7/29/2002	NR	9
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-17	5/26/2000	NR	9
	6/2/2000	NR	10
	6/9/2000	0	10
	6/22/2000	0	10
	7/24/2000	NR	NR
	8/29/2000	NR	10
	10/30/2000	NR	10
	11/27/2000	NR	8
	12/18/2000	NR	10
	1/30/2001	NR	7
	2/26/2001	NR	10
	3/26/2001	NR	9
	4/30/2001	NR	10
	5/21/2001	NR	10
	7/24/2001	NR	10
	8/29/2001	NR	8
	9/19/2001	NR	10
	10/29/2001	NR	9
	11/27/2001	NR	10
	12/20/2001	NR	11
	1/30/2002	NR	10
	2/25/2002	NR	11
	3/28/2002	NR	9.5
	4/15/2002	NR	10
	5/20/2002	NR	8
	6/26/2002	NR	8
	7/29/2002	NR	9
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-18	5/26/2000	NR	11
	6/2/2000	NR	9
	6/9/2000	0	10
	6/22/2000	0	10
	7/24/2000	NR	NR
	8/29/2000	NR	0
	10/30/2000	NR	10
	11/27/2000	NR	12
	12/18/2000	NR	10
	1/30/2001	NR	7
	2/26/2001	NR	12
	3/26/2001	NR	11
	4/30/2001	NR	12
	5/21/2001	NR	11
	7/24/2001	NR	12
	8/29/2001	NR	9
	9/19/2001	NR	12
	10/29/2001	NR	10
	11/27/2001	NR	12
	12/20/2001	NR	10
	1/30/2002	NR	12
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	11
	5/20/2002	NR	10
	6/26/2002	NR	9
	7/29/2002	NR	8
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	3/19/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-19	5/26/2000	NR	11
	6/2/2000	NR	9
	6/9/2000	0	10
	6/22/2000	0	10
	7/24/2000	NR	14
	8/29/2000	NR	8
	10/30/2000	NR	8
	11/27/2000	NR	12
	12/18/2000	NR	10
	1/30/2001	NR	8
	2/26/2001	NR	8
	3/26/2001	NR	8
	4/30/2001	NR	8
	5/21/2001	NR	8
	7/24/2001	NR	8
	8/29/2001	NR	9
	9/19/2001	NR	8
	10/29/2001	NR	9
	11/27/2001	NR	8
	12/20/2001	NR	10
	1/30/2002	NR	8
	2/25/2002	NR	9
	3/28/2002	NR	8
	4/15/2002	NR	9
	5/20/2002	NR	9
	6/26/2002	NR	9
	7/29/2002	NR	9
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14/2003	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1
AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS
QUARTERLY REPORT MARCH 2004
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-20	5/26/2000	NR	11
	6/2/2000	NR	11
	6/9/2000	0	10
	6/22/2000	0	8
	7/24/2000	NR	12
	8/29/2000	NR	4
	10/30/2000	NR	2
	11/27/2000	NR	10
	12/18/2000	NR	10
	1/30/2001	NR	8
	2/26/2001	NR	0
	3/26/2001	NR	0
	4/30/2001	NR	NR
	5/21/2001	NR	8
	7/24/2001	NR	4
	8/29/2001	NR	10
	9/19/2001	NR	8
	10/29/2001	NR	9
	11/27/2001	NR	9
	12/20/2001	NR	11
	1/30/2002	NR	9
	2/25/2002	NR	10
	3/28/2002	NR	10
	4/15/2002	NR	9.5
	5/20/2002	NR	9
	6/26/2002	NR	8
	7/29/2002	NR	NR
	8/30/2002	NR	NR
	9/20/2002	0	0
	10/17/2002	NR	NR
	11/14/2002	NR	NR
	12/19/2002	NR	NR
	1/16/2003	NR	NR
	2/14//03	NR	NR
	3/13/2003	NR	NR
	4/10/2003	NR	NR
	5/12/2003	NR	NR
	6/27/2003	NR	NR

TABLE 2-1

AIR SPARGE SYSTEM - SPARGE WELL MEASUREMENTS

QUARTERLY REPORT MARCH 2004

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE

NAS CECIL FIELD, JACKSONVILLE FLORIDA

AS Well	Date	Wellhead Flow (acfm)	Wellhead Pressure (psi)
AS-21	5/20/2002	100	7.5
	6/26/2002	50	11
	7/29/2002	20	11
	8/30/2002	NR	NR
	9/20/2002	170	9
	11/14/2002	14	11
	12/19/2002	60	12
	1/16/2003	0	12
	2/14/2003	180	11
	3/13/2003	80	15
	4/10/2003	170	10
	5/12/2003	NR	NR
	6/27/2003	120	16
AS-22	5/20/2002	100	8.5
	6/26/2002	55	9.5
	7/29/2002	30	10
	8/30/2002	NR	NR
	9/20/2002	160	8.5
	11/14/2002	10	14
	12/19/2002	48	12
	1/16/2003	70	11
	2/14/2003	180	11
	3/13/2003	80	15
	4/10/2003	170	10
	5/12/2003	NR	NR
	6/27/2003	120	16

NR = Meter Not Read
psi = pounds per square inch
acfm = actual cubic feet per minute

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
QUARTERLY REPORT MARCH 2004

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-01	13.00	8/30/2000	81.85	no product	4.56	77.29
		9/28/2000		no product	3.07	78.78
		10/31/2000		no product	4.19	77.66
		11/27/2000		NM	NM	NM
		12/20/2000		no product	5.38	76.47
		2/27/2001		no product	5.10	76.75
		3/27/2001		no product	3.54	78.31
		4/30/2001		no product	4.82	77.03
		5/22/2001		no product	5.57	76.28
		7/24/2001		no product	2.97	78.88
		8/30/2001		no product	3.50	78.35
		11/27/2001		no product	4.56	77.29
		12/20/2001		no product	3.32	78.53
		2/26/2002		no product	3.89	77.96
		3/28/2002		no product	3.70	78.15
		4/15/2002		no product	3.45	78.40
		5/21/2002		no product	5.24	76.61
		6/26/2002		no product	5.05	76.80
		7/29/2002		no product	1.78	80.07
		8/30/2002		NM	NM	NM
		9/12/2002		no product	3.77	78.08
		12/17/2002		no product	3.35	78.50
		3/12/2003		-	-	-
		5/13/2003		no product	4.11	77.74
		6/7/2003		no product	4.30	77.55
CEF-103-SMW-02	13.25	8/30/2000	82.30	4.99	5.00	77.30
		9/28/2000		no product	4.05	78.25
		10/31/2000		no product	5.50	76.80
		11/27/2000		NM	NM	NM
		12/20/2000		no product	6.53	75.77
		2/27/2001		no product	6.89	75.41
		3/27/2001		no product	4.81	77.49
		4/30/2001		no product	6.59	75.71
		5/22/2001		no product	7.56	74.74
		7/24/2001		no product	4.26	78.04
		8/30/2001		no product	4.75	77.55
		11/27/2001		no product	5.80	76.50
		12/20/2001		no product	4.08	78.22
		2/26/2002		no product	5.74	76.56
		3/28/2002		no product	5.14	77.16
		4/15/2002		no product	4.51	77.79
		5/21/2002		no product	7.04	75.26
		6/26/2002		no product	5.78	76.52
		7/29/2002		no product	3.25	79.05
		8/30/2002		NM	NM	NM
		9/12/2002		no product	5.11	77.19
		12/17/2002		no product	4.52	77.78
		3/12/2003		no product	3.05	79.25
		5/13/2003		no product	6.12	76.18

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
QUARTERLY REPORT MARCH 2004

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-03	12.60	8/30/2000	82.03	NM	NM	NM
		9/28/2000		no product	12.60	69.43
		10/31/2000		no product	12.14	69.89
		11/27/2000		NM	NM	NM
		12/20/2000		no product	8.67	73.36
		2/27/2001		no product	9.63	72.40
		3/27/2001		no product	4.97	77.06
		4/30/2001		no product	NM	NM
		5/22/2001		no product	10.90	71.13
		7/24/2001		no product	4.20	77.83
		8/30/2001		no product	5.03	77.00
		11/27/2001		no product	8.45	73.58
		12/20/2001		no product	4.60	77.43
		2/26/2002		no product	8.76	73.27
		3/28/2002		no product	4.50	77.53
		4/15/2002		no product	6.08	75.95
		5/21/2002		no product	well dry	NM
		6/26/2002		no product	4.95	77.08
		7/29/2002		no product	3.58	78.45
		8/30/2002		NM	NM	NM
		9/12/2002		no product	7.85	74.18
		12/17/2002		no product	3.35	78.68
		3/12/2003		-	-	-
		5/13/2003		no product	4.40	77.63
		6/7/2003		no product	4.30	77.73
		9/6/2003		no product	2.60	79.43
		12/13/2003		no product	6.61	75.42
		3/19/2004		no product	4.68	77.35
CEF-103-SMW-04	12.66	8/30/2000	82.23	NM	NM	NM
		9/28/2000		NM	NM	NM
		10/31/2000		no product	6.46	75.77
		11/27/2000		NM	NM	NM
		12/20/2000		no product	6.75	75.48
		2/27/2001		no product	7.02	75.21
		3/27/2001		no product	4.41	77.82
		4/30/2001		no product	5.88	76.35
		5/22/2001		no product	8.45	73.78
		7/24/2001		no product	2.70	79.53
		8/30/2001		no product	5.24	76.99
		11/27/2001		no product	6.52	75.71
		12/20/2001		no product	2.30	79.93
		2/26/2002		no product	10.55	71.68
		3/28/2002		no product	3.49	78.74
		4/15/2002		no product	5.71	76.52
		5/21/2002		no product	9.91	72.32
		6/26/2002		no product	6.45	75.78
		7/29/2002		no product	2.74	79.49
		8/30/2002		NM	NM	NM
		9/12/2002		no product	7.65	74.58
		12/17/2002		no product	12.51	69.72
		3/12/2003		no product	3.47	78.76
		5/13/2003		no product	6.92	75.31
		6/8/2003		no product	4.90	77.33
		9/6/2003		no product	4.30	77.93
		12/13/2003		no product	6.65	75.58
		3/19/2004		no product	5.78	76.45

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
QUARTERLY REPORT MARCH 2004

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-05	13.26	8/30/2000	82.37	no product	5.52	76.85
		9/28/2000		NM	NM	NM
		10/31/2000		no product	5.87	76.50
		11/27/2000		NM	NM	NM
		12/20/2000		no product	6.47	75.90
		2/27/2001		no product	6.24	76.13
		3/27/2001		no product	3.98	78.39
		4/30/2001		no product	4.61	77.76
		5/22/2001		no product	6.72	75.65
		7/24/2001		no product	1.70	80.67
		8/30/2001		no product	4.17	78.20
		11/27/2001		no product	4.70	77.67
		12/20/2001		no product	2.81	79.56
		2/26/2002		no product	4.74	77.63
		3/28/2002		no product	3.35	79.02
		4/15/2002		no product	3.95	78.42
		5/21/2002		no product	7.25	75.12
		6/26/2002		no product	5.53	76.84
		7/29/2002		no product	2.95	79.42
		8/30/2002		NM	NM	NM
		9/12/2002		no product	5.16	77.21
		12/17/2002		no product	3.44	78.93
		3/12/2003		no product	2.07	80.30
		5/13/2003		no product	4.64	77.73
		6/8/2003		no product	4.05	78.32
		9/6/2003		no product	3.85	78.52
		12/13/2003		no product	5.93	76.44
		3/19/2004		no product	4.90	77.47
CEF-103-SMW-06	13.18	8/30/2000	77.33	NM	NM	NM
		9/28/2000		NM	NM	NM
		10/31/2000		no product	8.26	69.07
		11/27/2000		no product	0.00	77.33
		12/20/2000		no product	3.15	74.18
		2/27/2001		no product	5.23	72.10
		3/27/2001		no product	0.50	76.83
		4/30/2001		no product	2.78	74.55
		5/22/2001		no product	6.59	70.74
		7/24/2001		no product	0.10	77.23
		8/30/2001		no product	2.77	74.56
		11/27/2001		no product	2.10	75.23
		12/20/2001		no product	0.00	77.33
		2/26/2002		no product	4.70	72.63
		3/28/2002		no product	0.00	77.33
		4/15/2002		no product	2.45	74.88
		5/21/2002		no product	7.68	69.65
		6/26/2002		no product	0.40	76.93
		7/29/2002		no product	0.00	77.33
		8/30/2002		NM	NM	NM
		9/12/2002		no product	3.15	74.18
		12/17/2002		no product	0.20	77.13
		3/12/2003		no product	0.00	77.33
		5/13/2003		no product	1.70	75.63
		6/8/2003		no product	0.00	77.33
		9/6/2003		no product	0.00	77.33
		12/13/2003		no product	2.50	74.83
		3/19/2004		no product	1.22	76.11

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
QUARTERLY REPORT MARCH 2004

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-07	13.29	8/30/2000	79.35	7.62	7.63	71.72
		9/28/2000		no product	7.91	71.44
		10/31/2000		no product	8.10	71.25
		11/27/2000		no product	3.10	76.25
		12/20/2000		no product	5.60	73.75
		2/27/2001		no product	6.51	72.84
		3/27/2001		no product	2.16	77.19
		4/30/2001		no product	3.12	76.23
		5/22/2001		no product	7.89	71.46
		7/24/2001		no product	2.41	76.94
		8/30/2001		no product	3.51	75.84
		11/27/2001		no product	4.02	75.33
		12/20/2001		no product	0.05	79.30
		2/26/2002		no product	6.10	73.25
		3/28/2002		no product	2.90	76.45
		4/15/2002		no product	3.05	76.30
		5/21/2002		no product	7.90	71.45
		6/26/2002		no product	1.78	77.57
		7/29/2002		no product	2.65	76.70
		8/30/2002		NM	NM	NM
		9/12/2002		no product	4.40	74.95
		12/17/2002		no product	1.63	77.72
		3/12/2003		no product	0.42	78.93
		6/8/2003		no product	1.50	77.85
		9/6/2003		no product	1.85	77.50
		12/13/2003		no product	4.70	74.65
		3/19/2004		no product	3.00	76.35
CEF-103-SMW-08	18.23	8/30/2000	79.55	no product	2.53	77.02
		9/28/2000		NM	NM	NM
		10/31/2000		no product	3.28	76.27
		11/27/2000		no product	2.95	76.60
		12/20/2000		no product	4.04	75.51
		2/27/2001		no product	4.48	75.07
		3/27/2001		no product	2.22	77.33
		4/30/2001		no product	3.67	75.88
		5/22/2001		no product	5.70	73.85
		7/24/2001		no product	2.38	77.17
		8/30/2001		no product	2.30	77.25
		11/27/2001		no product	3.45	76.10
		12/20/2001		no product	2.44	77.11
		2/26/2002		no product	2.90	76.65
		3/28/2002		no product	2.75	76.80
		4/15/2002		no product	2.39	77.16
		5/21/2002		no product	5.16	74.39
		6/26/2002		no product	3.09	76.46
		7/29/2002		no product	2.52	77.03
		8/30/2002		NM	NM	NM
		9/12/2002		no product	2.60	76.95
		12/17/2002		no product	0.50	79.05
		3/12/2003		NM	NM	NM
		5/13/2003		no product	3.98	75.57
		6/8/2003		no product	1.80	77.75
		9/6/2003		no product	1.92	77.63
		12/13/2003		no product	4.50	75.05
		3/19/2004		no product	3.03	76.52

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
QUARTERLY REPORT MARCH 2004

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-09	13.24	8/30/2000	79.67	no product	4.56	75.11
		9/28/2000		NM	NM	NM
		10/31/2000		no product	4.65	75.02
		11/27/2000		no product	2.99	76.68
		12/20/2000		no product	4.55	75.12
		2/27/2001		no product	5.13	74.54
		3/27/2001		no product	2.70	76.97
		4/30/2001		no product	4.68	74.99
		5/22/2001		no product	7.15	72.52
		7/24/2001		no product	1.60	78.07
		8/30/2001		no product	5.43	74.24
		11/27/2001		no product	4.00	75.67
		12/20/2001		no product	0.84	78.83
		2/26/2002		no product	4.90	74.77
		3/28/2002		no product	2.40	77.27
		4/15/2002		no product	2.88	76.79
		5/21/2002		no product	6.95	72.72
		6/26/2002		no product	3.30	76.37
		7/29/2002		no product	1.15	78.52
		8/30/2002		NM	NM	NM
		9/12/2002		no product	2.96	76.71
		12/17/2002		no product	3.16	76.51
		3/12/2003		NM	NM	NM
		5/13/2003		no product	4.84	74.83
		6/8/2003		no product	2.15	77.52
		9/6/2003		no product	2.65	77.02
		12/13/2003		no product	4.52	75.15
		3/19/2004		no product	3.72	75.95
CEF-103-SMW-10	11.63	8/30/2000	77.29	NM	NM	NM
		9/28/2000		no product	0.45	76.84
		10/31/2000		no product	2.35	74.94
		11/27/2000		no product	1.05	76.24
		12/20/2000		no product	2.11	75.18
		2/27/2001		no product	2.95	74.34
		3/27/2001		no product	0.50	76.79
		4/30/2001		no product	3.27	74.02
		5/22/2001		no product	4.89	72.40
		7/24/2001		no product	0.00	77.29
		8/30/2001		no product	1.88	75.41
		11/27/2001		no product	1.30	75.99
		12/20/2001		no product	0.55	76.74
		2/26/2002		no product	1.00	76.29
		3/28/2002		no product	1.05	76.24
		4/15/2002		no product	1.02	76.27
		5/21/2002		no product	4.31	72.98
		6/26/2002		no product	1.75	75.54
		7/29/2002		no product	0.30	76.99
		8/30/2002		NM	NM	NM
		9/12/2002		no product	0.75	76.54
		12/17/2002		no product	0.10	77.19
		3/12/2003		no product	0.00	77.29
		5/13/2003		no product	1.82	75.47

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
QUARTERLY REPORT MARCH 2004

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-SMW-11	16.10	8/30/2000	82.48	no product	5.55	76.93
		9/28/2000		no product	4.60	77.88
		10/31/2000		no product	6.06	76.42
		11/27/2000		NM	NM	NM
		12/20/2000		no product	6.78	75.70
		2/27/2001		no product	7.14	75.34
		3/27/2001		no product	5.02	77.46
		4/30/2001		no product	NM	NM
		5/22/2001		no product	7.64	74.84
		7/24/2001		no product	5.56	76.92
		8/30/2001		no product	5.17	77.31
		11/27/2001		no product	6.24	76.24
		12/20/2001		no product	4.28	78.20
		2/26/2002		no product	5.82	76.66
		3/28/2002		no product	5.28	77.20
		4/15/2002		no product	4.94	77.54
		5/21/2002		no product	7.69	74.79
		6/26/2002		no product	6.14	76.34
		7/29/2002		no product	3.15	79.33
		8/30/2002		NM	NM	NM
		9/12/2002		no product	6.88	75.60
		12/17/2002		no product	6.50	75.98
		3/12/2003		no product	4.17	78.31
		5/13/2003		no product	6.89	75.59
		6/8/2003		no product	5.00	77.48
		9/6/2003		no product	5.12	77.36
		12/13/2003		no product	7.15	75.33
		3/19/2004		no product	6.16	76.32
CEF-103-SMW-12	12.80	8/30/2000	82.04	6.50	6.51	75.53
		9/28/2000		NM	NM	NM
		10/31/2000		no product	6.51	75.53
		11/27/2000		NM	NM	NM
		12/20/2000		no product	6.28	75.76
		2/27/2001		no product	6.93	75.11
		3/27/2001		no product	3.84	78.20
		4/30/2001		no product	5.34	76.70
		5/22/2001		no product	8.26	73.78
		7/24/2001		no product	2.94	79.10
		8/30/2001		no product	4.45	77.59
		11/27/2001		no product	5.40	76.64
		12/20/2001		no product	2.77	79.27
		2/26/2002		no product	5.81	76.23
		3/28/2002		no product	4.15	77.89
		4/15/2002		no product	3.63	78.41
		5/21/2002		no product	8.16	73.88
		6/26/2002		no product	5.61	76.43
		7/29/2002		no product	2.59	79.45
		8/30/2002		NM	NM	NM
		9/12/2002		no product	4.39	77.65
		12/17/2002		NM	NM	NM
		3/12/2003		NM	NM	NM
		5/13/2003		no product	4.98	77.06

TABLE 2-2
GROUNDWATER MONITORING WELL - WATER LEVEL & FREE PRODUCT DATA
QUARTERLY REPORT MARCH 2004

103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Well Total Depth (feet bgs)	Date	Top of Casing Elevation (Feet)	Depth to Product (Feet)	Depth to Water (Feet)	Water Level Elevation (Feet)
CEF-103-DMW-01	38.75	8/30/2000	82.40	no product	6.96	75.44
		9/28/2000		NM	NM	NM
		10/31/2000		no product	7.06	75.34
		11/27/2000		NM	NM	NM
		12/20/2000		no product	6.96	75.44
		2/27/2001		no product	7.92	74.48
		3/27/2001		no product	5.37	77.03
		4/30/2001		no product	8.18	74.22
		5/22/2001		no product	9.62	72.78
		7/24/2001		no product	4.38	78.02
		8/30/2001		no product	4.41	77.99
		11/27/2001		no product	6.50	75.90
		12/20/2001		no product	5.70	76.70
		2/26/2002		no product	5.99	76.41
		3/28/2002		no product	5.86	76.54
		4/15/2002		no product	5.69	76.71
		5/21/2002		no product	9.55	72.85
		6/26/2002		no product	7.35	75.05
		7/29/2002		no product	4.26	78.14
		8/30/2002		NM	NM	NM
		9/12/2002		no product	4.78	77.62
		12/17/2002		no product	5.02	77.38
		3/12/2003		NM	NM	NM
		5/13/2003		no product	6.85	75.55

NM = Not Measured
bgs = below ground surface
Elevation is referenced to National Geodetic Vertical Datum 1929 (NGVD 1929)
Depth to product measured from top of casing
Depth to water measured from top of casing
- : Data for these wells was lost prior to backup due to Pocket PC problems

3.0 Summary of Sampling and Laboratory Analytical Results

3.1 Vapor Monitoring

The SVE system was deactivated prior to commencement of O&M activities by TERRAINE.

3.2 Groundwater Monitoring

On March 19, 2004 groundwater from monitoring wells CEF-103-SMW-03, CEF-103-SMW-04, CEF-103-SMW-05, CEF-103-SMW-06, CEF-103-SMW-07, CEF-103-SMW-08, CEF-103-SMW-09, and CEF-103-SMW-11, was sampled for VOCs, PAHs, lead, and TRPH. All monitoring wells sampled have exhibited significant decreases in contaminant concentrations from the baseline groundwater-sampling event that was performed on March 20, 2000, prior to system start up. The contaminant concentrations for samples obtained in the 2004 first quarter monitoring event are below groundwater cleanup target levels (GCTLs) for all constituents. The locations of the wells are shown on **Figure 1-1**. Copies of the analytical laboratory reports from the groundwater sampling events are provided in **Appendix A**, and analytical results are summarized on **Table 3-1**. Copies of the groundwater sampling logs are provided in **Appendix B**.

Temperature, pH, conductivity, and dissolved oxygen (DO) measurements were recorded during sampling of the monitoring wells. The results from the field measurements are summarized on **Table 3-2**. DO was not recorded for 4 wells due to equipment malfunction.

TABLE 3-1
Quarterly Report March 2004
Groundwater Analytical Results
103rd Street - NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L	1, 1 - Dichloroethane	N-Butylbenzene	Acenaphthylene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	2 - Hexanone	Chlroform	Bromodichloromethane	Acetone	Chrysene	Pyrene
CEF-103-SMW01	03/20/00	<2	1.1	<3	<5	2.9	2.4	<6.5	1.4	<2.5	1.1	1.3	<2.5	2	<2	<6	<6.5	<1	<1	3.5	<1.0	0.42	0.068	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	0.89	<1.04	0.44	<0.010	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	<2	<5.5	<3	<5	0.91	0.57	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	2	<1	0.47	0.11	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	0.53	<2	<6	<6.5	<1	<1	<2	<1	0.97	0.049	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	0	5.5	<3	<5	1.5	2	<6.5	13	<2.5	0.63	5.5	<2.5	0.87	<2	<6	<6.5	<1	<1	2	<1	1	0.1	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	<0.5	<1	0.55	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	<0.52	0.015	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	<0.54	<0.002	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.22	<0.005	--	--	--	--	--	--	--	--	--	--	--
	05/21/02	<1	<1	<1	<3	<1	<1	<1	<.56	<1	<1	<.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.21	<0.005	--	--	--	--	--	--	--	--	--	--	--
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<.56	<1	<1	<.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	0.22	<0.005	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.04	<1.04	<2.50	<1.04	<0.200	<0.003	<1.00	<1.00	<1.04	<0.21	<0.21	<5.00	<1.00	<1.00	--	--	--
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.2	<2.2	<5.00	<2.2	<0.211	<0.003	<1.00	<1.00	<2.2	<2.2	<2.2	<5.0	<1.00	<1.00	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003	<1.00	<1.00	<2.0	<2.0	<2.0	<5.0	<1.0	<1.00	--	--	--
CEF-103-SMW02	03/20/00	<2	<5.5	<3	<5	1.1	1.7	1.9	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	5.2	<6.5	<1	<1	3.7	<1.0	0.33	0.036	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	0.69	<1.04	0.66	0.032	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	<2	<5.5	<3	<5	<1.5	<2	0.64	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	1.5	<1	0.58	0.17	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	0.51	<2	<6	<6.5	<1	<1	<2	<1	0.87	0.015	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	0.61	<5.5	<2.5	0.96	<2	<6	<6.5	<1	<1	<2	<1	<1	0.1	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	<0.5	<1	0.49	1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	0.24	0.03	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	<0.52	0.01	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.23	<0.005	--	--	--	--	--	--	--	--	--	--	--
	05/21/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.22	<0.005	--	--	--	--	--	--	--	--	--	--	--
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	0.25	1.6	<0.005	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.05	<1.05	<2.50	<1.05	0.252	<0.003	<1.00	<1.00	<1.05	<0.21	<0.21	<5.00	<1.00	<1.00	--	--	--
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.3	<2.3	<5.00	<2.3	<0.211	0.004	<1.00	<1.00	<2.3	<2.3	<2.3	<5.00	<1.00	<1.00	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003	<1.00	<1.00	<2.0	<2.0	<2.0	<5.00	<1.00	<1.00	--	--	--

TABLE 3-1
Quarterly Report March 2004
Groundwater Analytical Results
103rd Street - NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L	1, 1 - Dichloroethane	N-Butylbenzene	Acenaphthylene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	2 - Hexanone	Chlroform	Bromodichloromethane	Acetone	Chrysene	Pyrene
CEF-103-SMW03	03/20/00	<2	1.4	3.7	<5	<1.5	<2	52	<13	20	<6.5	<5.5	4.6	<1.5	4.2	12	2.2	<1	<1	17	3.7	1.5	0.057	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	0.89	<1.04	0.75	0.051	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	<2	<5.5	<3	<5	<1.5	<2	0.64	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	1.4	<1	0.44	<0.010	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	0.65	<2	<6	<6.5	<1	<1	<2	<1	0.75	0.047	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	1.3	<2	<6	<6.5	<1	<1	<2	<1	<1	0.013	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	<0.5	<1	0.48	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	<0.52	0.132	--	--	--	--	--	--	--	--	--	--	--
	11/28/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	0.95	0.122	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	<0.22	0.0222	--	--	--	--	--	--	--	--	--	--	--
	05/21/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	0.24	0.0313	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.06	<1.06	<2.50	<1.06	<0.200	<0.003	<1.00	<1.00	<1.06	<0.21	<0.21	<5.00	<1.00	<1.00	--	--	--
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.7	<2.7	<5.00	<2.7	<0.211	<0.003	<1.00	<1.00	<2.7	<2.7	<2.7	<5.00	<1.00	<1.00	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.222	0.004	<1.00	<1.00	<2.0	<2.0	<2.0	<5.00	<1.00	<1.00	--	--	--
	06/07/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<1.0	<1.0	NA	1.13	<0.222	0.015	<1.00	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	09/06/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<0.10	<0.200	<0.005	<0.10	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	12/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<0.10	<0.200	0.007	<0.10	<1.00	<0.10	<0.10	<0.10	<5.0	<1.00	<1.00	--	--	--
	03/19/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<0.10	<0.200	<0.005	<0.10	<1.00	<0.10	<0.10	<0.10	<5.0	<1.00	<1.00	<25.0	<0.10	<0.10
CEF-103-SMW04	01/03/00	2.8	<5.5	87	280	<1.5	<2	410	<13	130	<6.5	<5.5	43	<1.5	54	89	40	<1	<1	210	58.2	8.6	<0.01	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	1	<5.5	<3	<5	<1.5	<2	0.69	<13	0.72	<6.5	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	4.6	0.013	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	<0.5	<1	0.47	0.71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	3.3	0.059	--	--	--	--	--	--	--	--	--	--	--
	11/28/01	<1	<1	<1	<2	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	7.8	<0.002	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	1.2	1.2	<1	1.2	0.64	<0.005	--	--	--	--	--	--	--	--	--	--	--
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.23	<0.23	<1	<0.23	1.5	0.0035	--	--	--	--	--	--	--	--	--	--	--
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.23	<0.22	<0.22	<0.22	0.64	<0.005	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.3	<2.3	<5.00	<2.3	2.420	<0.003	<1.00	<1.00	<2.3	<2.3	<2.3	<5.00	<5.00	<1.00	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	0.016	<1.00	<1.00	<2.0	<2.0	<2.0	<5.00	<1.00	<1.00	--	--	--
	06/08/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	0.6	1.15	<0.003	<1.00	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	09/06/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	<0.200	<0.005	<0.10	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	12/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	5.97	<0.005	<0.10	<1.00	<0.10	<0.10	<0.10	<5.0	<1.00	<1.00	--	--	--
	03/19/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	0.39	0.32	<5.00	0.38	3.570	<0.005	<0.12	<1.00	<0.12	<0.12	<0.12	<5.0	<1.00	<1.00	81.1	<0.12	<0.12

TABLE 3-1
Quarterly Report March 2004
Groundwater Analytical Results
103rd Street - NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L	1, 1 - Dichloroethane	N-Butylbenzene	Acenaphthylene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	2 - Hexanone	Chlroform	Bromodichloromethane	Acetone	Chrysene	Pyrene
CEF-103-SMW05	03/20/00	<2	<5.5	<3	<5	<1.5	5.5	<6.5	<13	130	<6.5	<5.5	<2.5	<1.5	<2	<2	2.1	<1	<1	9.8	3.7	11	0.025	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	1	0.021	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	<0.5	5.1	0.47	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	0.49	0.018	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	0.37	<0.002	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.22	<0.005	--	--	--	--	--	--	--	--	--	--	--
	05/21/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.21	<0.005	--	--	--	--	--	--	--	--	--	--	--
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	0.37	<0.005	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.04	<1.04	<2.50	<1.04	<0.200	<0.003	<1.00	<1.00	<1.04	<0.21	<0.21	<5.00	<1.00	<1.00	--	--	--
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.4	<2.4	<5.00	<2.4	<0.211	<0.003	<1.00	<1.00	<2.4	<2.4	<2.4	<5.00	<1.00	<1.00	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003	<1.00	<1.00	<2.0	<2.0	<2.0	<5.00	<1.00	<1.00	--	--	--
	06/08/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<0.10	<0.211	<0.003	<1.00	<1.00	<0.10	<0.10	<0.10	<5.0	<1.00	<1.00	--	--	--
	09/06/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<0.10	<0.200	<0.005	<0.10	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	12/03/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<0.10	<0.200	<0.005	<0.10	<1.00	<0.10	0.31	0.27	12.2	<1.00	<1.00	--	--	--
	03/19/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<1.0	<1.0	NA	0.11	<0.200	<0.005	<0.10	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	<25.0	<0.10	<0.10
CEF-103-SMW06	03/20/00	<2	<5.5	17	24	<1.5	<2	55	<13	16	<6.5	<5.5	8.7	1.6	8.9	2.2	3.4	<1	<1	22	8.9	0.66	0.033	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	0.59	<5.5	<2.5	0.95	<2	<6	<6.5	<1	<1	<2	<1	<1	0.086	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	<0.5	<1	0.51	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.22	<0.22	NA	<0.22	<0.51	0.248	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.52	0.068	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.21	<0.005	--	--	--	--	--	--	--	--	--	--	--
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.2	0.24	<1	0.2	<0.52	0.0101	--	--	--	--	--	--	--	--	--	--	--
	09/13/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.22	<0.22	<1	<0.22	<0.21	<0.005	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.04	<1.04	<2.50	<1.04	0.28	<0.003	<1.00	<1.00	<1.04	<0.21	<0.21	<5.00	<1.00	<1.00	--	--	--
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.3	<2.3	<5.00	<2.3	0.265	0.003	<1.00	<1.00	<2.3	<2.3	<2.3	<5.00	<1.00	<1.00	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	0.004	<1.00	<1.00	<2.0	<2.0	<2.0	<5.00	<1.00	<1.00	--	--	--
	06/08/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	NA	0.004	<1.00	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	09/06/03	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	1.5	<2.50	<1.0	<1.0	2.0	<0.10	<0.10	NA	<0.10	NA	0.007	2.5	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	12/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	2.0	<0.10	<0.10	NA	<0.10	1.61	<0.005	<1.00	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	03/19/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.00	<0.11	<0.11	<1.0	<0.11	<0.200	<0.005	<1.00	<1.00	<0.11	<0.11	<0.11	<5.00	<1.00	<1.00	<25.0	<0.11	<0.11

TABLE 3-1
Quarterly Report March 2004
Groundwater Analytical Results
103rd Street - NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L	1, 1 - Dichloroethane	N-Butylbenzene	Acenaphthylene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	2 - Hexanone	Chlroform	Bromodichloromethane	Acetone	Chrysene	Pyrene
CEF-103-SMW07	03/20/00	<2	<5.5	<3	2.2	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	1.6	<2	<6	<6.5	<1	<1	<2	<1.0	0.72	0.013	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	0.72	<1.04	0.73	0.086	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	1.1	<1	0.67	0.17	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	0.53	<2	<6	<6.5	<1	<1	<2	<1	1.3	0.07	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	0.87	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	<1	0.071	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	<0.5	<1	0.44	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	<0.52	0.049	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	<0.5	0.025	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.22	0.0038	--	--	--	--	--	--	--	--	--	--	--
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.21	0.31	<1	<0.21	<0.53	0.0106	--	--	--	--	--	--	--	--	--	--	--
	09/13/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.2	0.0024	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.14	<1.14	<2.50	<1.14	<0.200	<0.003	<1.00	<1.00	<1.14	<0.23	<0.23	<5.00	<1.00	<1.00	--	--	--
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.3	<2.3	<5.00	<2.3	0.293	<0.003	<1.00	<1.00	<2.3	<2.3	<2.3	<5.00	<1.00	<1.00	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003	<1.00	<1.00	<2.0	<2.0	<2.0	<5.00	<1.00	<1.00	--	--	--
	06/08/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	<0.211	<0.003	<1.00	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	09/06/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	<0.200	<0.005	<0.10	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	12/13/03	<1.0	<1.0	<1.0	3.2	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	0.252	<0.005	<0.10	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	03/19/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.11	<0.11	<5.00	<0.11	<0.200	<0.005	<0.10	<1.00	<0.11	<0.11	<0.11	<5.00	<1.00	<1.00	<1.00	0.18	0.18
CEF-103-SMW08	03/20/00	<2	<5.5	<3	2.3	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	<2	<1.0	0.54	0.042	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	1	<5.5	<2.5	1	<2	<6	<6.5	<1	<1	<2	<1	<1	0.16	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.21	0.31	<1	<0.21	0.56	<.005	--	--	--	--	--	--	--	--	--	--	--
	09/13/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--
	03/12/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.222	<0.003	<1.00	<1.00	<2.0	<2.0	<2.0	<5.00	<1.00	<1.00	--	--	--
	06/08/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	<0.211	<0.003	<1.00	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	09/06/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	<0.200	<0.005	<0.10	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	12/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	0.11	<0.200	<0.005	<0.10	<1.00	0.37	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	03/19/04	<1.0	1.1	<1.0	1.6	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.11	<0.11	<5.00	0.13	<0.200	<0.005	<0.10	<1.00	<0.11	<0.11	<0.11	<5.00	<1.00	<1.00	<25.0	<0.11	<0.11

TABLE 3-1
Quarterly Report March 2004
Groundwater Analytical Results
103rd Street - NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L	1, 1 - Dichloroethane	N-Butylbenzene	Acenaphthylene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	2 - Hexanone	Chlroform	Bromodichloromethane	Acetone	Chrysene	Pyrene
CEF-103-SMW09	03/20/00	<2	<5.5	<3	1.1	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	1.2	<2	<6	<6.5	<1	<1	<2	<1.0	0.7	0.024	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	0.78	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	1	0.09	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.21	0.34	<1	<0.21	0.28	<.005	--	--	--	--	--	--	--	--	--	--	--
	09/13/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--
	03/12/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.00	<1.00	<2.2	<2.2	<2.2	<5.00	<1.00	<1.00	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003	<1.00	<1.00	<2.0	<2.0	<2.0	<5.0	<1.00	<1.00	--	--	--
	06/08/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	NA	<0.003	<1.00	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	09/06/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	NA	<0.003	<0.10	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	12/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<5.00	<1.0	<1.0	<1.0	3.30	<2.50	<1.0	<1.0	<1.0	<0.10	<0.10	NA	<0.10	0.214	<0.003	<0.10	<1.00	<0.10	<0.10	<0.10	<5.0	<1.00	<1.00	--	--	--
	03/19/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.00	<2.50	<1.0	<1.0	<1.0	<0.11	<0.11	<5.00	<0.11	<0.200	<0.005	<0.11	<1.00	<0.11	<0.11	<0.11	<5.0	<1.00	<1.00	<25.0	<0.11	<0.11
CEF-103-SMW10	03/20/00	<2	<5.5	<3	2.7	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	<2	<1.0	0.43	0.052	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	0.63	<1.04	0.62	0.24	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	<2	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	1	<1	0.39	0.34	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	1	<2	<6	<6.5	<1	<1	<2	<1	0.66	0.05	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	1.1	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	<1	0.065	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	<0.5	<1	0.47	<3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.21	<0.21	NA	<0.21	<0.52	0.016	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	<1	<1	<1	<2	<1	<1	<1	<0..56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	<0.51	<0.002	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	<1	<1	<1	<2	<1	<1	<1	<1	<1	<1	<1	<0.2	<1	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	<0.21	<0.005	--	--	--	--	--	--	--	--	--	--	--
	05/22/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<2	<0.19	<0.19	<0.21	<0.2	<0.2	<1	<0.2	<0.52	0.0047	--	--	--	--	--	--	--	--	--	--	--
	09/13/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	0.23	<1	<0.21	<0.22	<0.005	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.06	<1.06	<2.50	<1.06	<0.200	<0.003	<1.00	<1.00	<1.06	<0.21	<0.21	<5.00	<1.00	<1.00	--	--	--
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.2	<2.2	<5.00	<2.2	<0.211	<0.003	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003	<1.00	<1.00	<2.0	<2.0	<2.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00

TABLE 3-1
Quarterly Report March 2004
Groundwater Analytical Results
103rd Street - NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L	1, 1 - Dichloroethane	N-Butylbenzene	Acenaphthylene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	2 - Hexanone	Chlroform	Bromodichloromethane	Acetone	Chrysene	Pyrene
CEF-103-SMW11	03/20/00	1.9	3.8	51	220	<1.5	<2	250	<13	52	<6.5	<5.5	26	<1.5	28	24	17	<1	<1	96	20.6	3.6	0.054	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	1.9	<5.5	2.9	12	<1.5	<2	12	<13	4.1	<6.5	<5.5	1.2	<1.5	1.2	<6	1.2	<1	<1	3.7	2.2	7.8	0.051	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	<2	<5.5	20	10	1.23	0.78	87	<13	22	<6.5	<5.5	8	<1.5	8.3	9.6	5.9	6	5	31	11	15	0.14	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	<1	<5.5	10	14	<1.5	<2	46	<13	11	<6.5	<5.5	5.6	<1.5	5.4	4.1	5.4	3.16	2.17	17	2.74	20	0.032	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	1	<5.5	23	29	<1.5	<2	61	<13	14	<6.5	<5.5	11	1	11	4.2	5.8	10.9	7.88	37	18.4	6.4	0.037	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	<0.5	<1.0	10	17.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.2	0.74	NA	3.6	20	<0.03	--	--	--	--	--	--	--	--	--	--	--
	10/10/01	0.32	<40	36	50.5	<70	<70	100	0.56	21	<2.7	<0.39	15	<5	16	5	6	NA	NA	76	NA	NA	NA	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	0.42	0.19	44	36	<1	<1	123	<0.56	13	<1	<0.46	18	<2	18	8.3	9.4	12	10	83	19	20	<0.01	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	0.32	0.28	39	36.5	<1	<1	78.9	<1	8.4	<1	<1	18.4	<1	17.7	7.9	8.7	19.2	11.9	64.6	20.7	6.2	<0.005	--	--	--	--	--	--	--	--	--	--	--
	05/22/02	<1	<1	3.2	0.59	<1	<1	0.6	0.56	0.7	<1	<0.46	2.3	<2	1.6	0.46	1.6	1.1	1.1	5.4	2.3	1.5	<0.005	--	--	--	--	--	--	--	--	--	--	--
	09/12/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	1.7	0.0351	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.09	<1.09	<2.50	<1.09	4.98	0.016	<1.00	<1.00	<1.09	<0.22	<0.22	<5.00	<1.00	<1.00	--	--	--
	03/12/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.2	<2.2	<5.00	<2.2	0.661	<0.003	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<4.0	<0.200	0.009	<1.00	<1.00	<4.0	<4.0	<4.0	<5.00	<1.00	<1.00	--	--	--
	06/08/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<5.00	3.00	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	1.41	0.50	NA	1.4	5.89	0.014	<1.00	<1.00	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	09/06/03	<1.0	<1.0	1.3	6	<1.0	<1.0	9.00	<5.00	6.70	<1.0	<1.0	2.00	<2.50	2.2	<1.0	2.00	3.10	0.79	NA	<0.10	3.89	<0.005	<1.00	1.7	<0.10	<0.10	<0.10	<5.00	<1.00	<1.00	--	--	--
	12/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.00	<1.0	<1.0	<1.00	<2.50	<1.00	<1.0	<1.00	0.65	<0.10	NA	0.22	1.34	<0.005	<1.00	<1.00	<0.10	<0.10	<0.10	<5.0	1.0	2.7	--	--	--
	03/19/04	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.00	<1.0	<1.0	<1.00	<2.50	<1.00	<1.0	<1.00	0.14	<0.11	<5.00	0.22	0.662	<0.005	<1.00	<1.00	<0.11	<0.11	<0.11	<5.0	1.0	<1.00	<25.0	<0.11	<0.11
CEF-103-SMW12	03/20/00	<2	<5.5	<3	2.3	<1.5	<2	4	<13	1.4	<6.5	<5.5	<2.5	3.7	<2	<6	<6.5	<1	<1	6.3	<1.0	0.7	0.074	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1	<1	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1	<1	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	0.51	<5.5	<2.5	1.2	<2	<6	<6.5	<1	<1	1.1	<1	1.1	0.031	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/21/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	0.23	<1	<0.21	<0.21	0.0119	--	--	--	--	--	--	--	--	--	--	--
	09/13/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.98	0.016	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/12/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	<0.003	<1.00	<1.00	<2.0	<2.0	<2.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00

TABLE 3-1
Quarterly Report March 2004
Groundwater Analytical Results
103rd Street - NAS Cecil Field, Jacksonville, Florida

	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,3,5-Trimethylbenzene	Chloromethane	Hexachlorobutadiene	Isopropylbenzene	Methylene Chloride	n-Propylbenzene	4-Isopropyltoluene	sec-Butylbenzene	1- Methylnaphthalene	2-Methylnaphthalene	Naphthalene (by EPA Method 8021or 8260B)	Naphthalene (by EPA Method 8310 or 8270C)	Petroleum Range Org (PRO) in mg/L	Lead in mg/L	1, 1 - Dichloroethane	N-Butylbenzene	Acenaphthylene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	2 - Hexanone	Chlroform	Bromodichloromethane	Acetone	Chrysene	Pyrene
CEF-103-DMW01	03/20/00	<2	<5.5	<3	1.8	<1.5	<2	<6.5	<13	<2.5	<6.5	<5.5	<2.5	<1.5	<2	<6	<6.5	<1	<1	<2	<1.0	0.48	<0.01	--	--	--	--	--	--	--	--	--	--	--
	09/28/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/20/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	03/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/23/01	<1	<5.5	<3	<5	<1.5	<2	<6.5	<13	<2.5	1.3	<5.5	<2.5	1.1	<2	<6	<6.5	<1	<1	<2	<1	<1	<.01	--	--	--	--	--	--	--	--	--	--	--
	08/30/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	11/27/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	02/26/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	05/21/02	<1	<1	<1	<3	<1	<1	<1	<0.56	<1	<1	<0.46	<0.2	<1	<0.19	<0.19	<0.21	<0.21	<0.21	<1	<0.21	<0.21	<.005	--	--	--	--	--	--	--	--	--	--	--
	09/13/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--	--	--	--	--	--	--	--	--
	12/17/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/12/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/13/03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	<1.0	<1.0	<1.0	<2.50	<1.0	<1.0	<1.0	<2.0	<2.0	<5.00	<2.0	<0.200	0.005	<1.00	<1.00	<2.0	<2.0	<2.0	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00
GCTL		**1**	**40**	**30**	**20**	**70**	**70**	**10**	**0.2**	**10**	**2.7**	**0.5**	**0.8**	**5**	**---**	**---**	**---**	**20**	**20**	**20**	**20**	**5**	**0.015**	**70**	**--**	**20**	**0.2**	**0.2**	**280**	**5.7**	**0.6**	**700**	**4.8**	**210**
NADSC		**100**	**400**	**300**	**200**	**700**	**700**	**100**	**20**	**100**	**270**	**50**	**8**	**500**	**---**	**---**	**---**	**200**	**200**	**200**	**200**	**50**	**0.15**	**700**	**--**	**200**	**20**	**20**	**2800**	**570**	**60**	**7000**	**480**	**2100**

NOTES:
1. All results in ug/L, except FL PRO and lead, which are in mg/L
2. -- = Not available
3. NA = Not Analyzed
4. NS = Not Sampled
5. GCTL=Groundwater Cleanup Target Levels
6. NADSC = Natural Attenuation Default Source Concentrations
7. Shade = Concentration is above groundwater cleanup target levels (GCTLs)
8. Napthalene was analyzed by method 8260B for 12/17/02 sample.
9. p-Isopropyltoluene is 4-Isopropyltoluene in the analytical report
10. Due to breakage during shipping, SMW-06 and SMW-09 cound not be anaylzed for TRPH for the June 2003 sampling event.

Table 3-2
QUARTERLY REPORT MARCH 2004
MONITORING WELL FIELD MEASUREMENTS
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE, FLORIDA

Well Identification	Date	pH	Conductivity (mS/cm)	Dissolved O_2 (mg/l)	Temperature (^oC)
CEF-103-SMW-01	03/20/00	6.29	0.915	9.33	23.3
	09/28/00	6.87	0.712	2.25	26.4
	12/20/00	6.50	0.520	1.8	21.6
	03/27/01	7.10	0.730	0.7	20
	05/23/01	5.70	0.485	3.07	22.5
	08/30/01	8.81	0.654	NR	26.8
	11/27/01	8.68	0.535	1.42	24.3
	02/26/02	7.63	0.553	1.61	20.2
	05/21/02	6.77	0.633	1.72	24.4
	09/12/02	6.51	0.655	1.59	27.4
	12/17/02	7.10	NR	0.32	22.28
	03/12/03	-	-	-	0
	5/13/2003	7.97	0.645	0.38	24.70
CEF-103-SMW-02	03/20/00	6.09	0.945	8.81	22.4
	09/28/00	6.46	0.934	2.07	27.3
	12/20/00	6.61	0.720	2.1	22.4
	03/27/01	7.20	0.670	2.5	20
	05/23/01	6.24	0.599	3.66	21.7
	08/30/01	7.31	0.761	NR	27.1
	11/27/01	8.89	0.052	3.15	24.4
	02/26/02	7.78	0.588	1.08	20.8
	05/21/02	6.54	0.621	1.28	24.4
	09/12/02	6.37	0.641	1.43	28
	12/17/02	6.50	NR	0.32	22.28
	3/12/2003	5.20	0.491	5.62	19.83
	5/13/2003	6.86	0.55	0.00	23.83
CEF-103-SMW-03	03/20/00	6.40	0.806	9.4	22.6
	09/28/00	5.92	0.665	5.74	26.5
	12/20/00	4.30	0.667	4.42	22.3
	03/27/01	7.10	0.740	6.3	21
	05/23/01	5.60	0.652	5.8	23
	08/30/01	9.54	0.500	NR	26.5
	11/27/01	NR	NR	NR	NR
	02/26/02	8.61	0.371	5.81	20.3
	05/21/02	NR	NR	NR	NR
	09/12/02	NR	NR	NR	NR
	12/16/02	7.05	NR	0.43	22.82
	03/12/03	-	-	-	-
	05/13/03	8.21	0.615	0.69	24.03
	06/07/03	6.81	0.650	0	25.04
	09/06/03	6.72	0.452	0.23	28.00
	12/13/03	6.44	0.990	3.98	22.59
	03/19/04	7.08	0.699	2.00	20.30

Table 3-2
QUARTERLY REPORT MARCH 2004
MONITORING WELL FIELD MEASUREMENTS
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE, FLORIDA

Well Identification	Date	pH	Conductivity (mS/cm)	Dissolved O_2 (mg/l)	Temperature (^oC)
CEF-103-SMW-04	03/20/00	6.27	0.758	9.19	23.2
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	6.49	0.653	3.59	24.8
	08/30/01	10.65	0.611	NR	27.6
	11/27/01	9.10	0.275	5.17	26.2
	02/26/02	8.31	0.330	6.16	21.8
	05/21/02	6.81	0.507	3.76	24.1
	09/12/02	7.63	0.391	4.62	29.1
	12/17/02	NR	NR	NR	NR
	03/12/03	5.46	0.535	2.64	21.29
	05/13/03	6.79	0.469	5.26	25.12
	06/08/03	6.81	0.626	0	25.94
	9/6/2003	6.49	0.622	0.41	29.02
	12/13/2003	6.74	0.99	6.01	23.89
	3/19/2004	7.52	0.221	6.20	19.40
CEF-103-SMW-05	03/20/00	6.57	1.120	8.93	23.1
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	6.86	0.610	2.67	23.8
	08/30/01	9.85	0.581	NR	27.4
	11/27/01	9.71	0.430	4.56	24.8
	02/26/02	8.69	0.459	4.1	20.7
	05/21/02	7.59	0.531	5.4	25.8
	09/12/02	7.58	0.459	4.67	28.6
	12/16/02	7.170	NR	0.440	22.900
	03/12/03	6.090	0.529	1.220	20.590
	05/13/03	8.500	0.619	0.720	24.560
	06/08/03	7.060	0.639	0.160	25.59
	9/6/2003	6.63	0.614	0.27	28.46
	12/13/2003	7.12	0.99	1.64	23.00
	3/19/2004	7.35	0.74	0.70	20.50
CEF-103-SMW-06	03/20/00	5.95	0.750	9.25	20.5
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	3.06	1.620	2.61	21.5
	08/30/01	2.47	0.868	NR	26.1
	11/27/01	3.68	2.290	2.77	23.3
	02/26/02	3.69	0.819	2.82	19.8
	05/21/02	3.27	2.360	2.76	23.3
	09/12/02	3.83	0.780	2.46	26.3
	12/17/02	3.16	NR	0.00	20.47
	03/12/03	3.69	2.180	1.40	19.50
	05/13/03	5.67	2.720	0.11	22.65
	06/08/03	4.20	0.732	3.32	24.06
	9/6/2003	3.08	0.320	1.09	26.56
	12/13/2003	5.41	0.860	2.63	22.08
	3/19/2004	6.35	0.999	NR	21.13

Table 3-2
QUARTERLY REPORT MARCH 2004
MONITORING WELL FIELD MEASUREMENTS
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE, FLORIDA

Well Identification	Date	pH	Conductivity (mS/cm)	Dissolved O_2 (mg/l)	Temperature (^oC)
CEF-103-SMW-07	03/20/00	5.78	0.940	9.63	20.9
	09/28/00	6.88	0.194	3.67	26.2
	12/20/00	6.30	0.210	3.2	20.6
	03/27/01	7.10	0.260	4.2	19
	05/23/01	5.95	0.249	4.73	21.5
	08/30/01	8.10	0.195	NR	26.1
	11/27/01	7.51	0.156	6.64	23.4
	02/26/02	7.44	0.169	3.67	19.5
	05/21/02	6.51	0.250	2.93	23.4
	09/12/02	6.16	0.245	1.47	26.5
	12/16/02	6.15	NR	0.21	20.57
	03/12/03	6.31	0.525	1.08	19.11
	05/13/03	9.92	0.568	0.06	23.30
	06/08/03	6.44	0.366	0.00	25.15
	9/6/2003	5.92	0.559	0.26	27.77
	12/13/2003	6.07	0.584	2.21	22.08
	3/19/2004	6.34	0.999	NR	17.47
CEF-103-SMW-08	03/20/00	6.23	0.662	9.84	21.8
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	5.98	0.310	0.23	21.3
	08/30/01	NR	NR	NR	NR
	11/27/01	NR	NR	NR	NR
	02/26/02	NR	NR	NR	NR
	05/21/02	6.35	0.367	1.8	24.1
	09/12/02	NR	NR	NR	NR
	12/17/02	NR	NR	NR	NR
	03/12/03	NR	NR	NR	NR
	05/13/03	11.34	0.454	0.340	23.50
	06/08/03	6.49	0.430	0.050	24.85
	09/06/03	6.21	0.296	0.430	28.29
	12/13/03	6.12	0.829	0.000	21.38
	03/19/04	6.65	0.999	NR	20.18
CEF-103-SMW-09	03/20/00	5.72	0.823	8.99	21.3
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	5.50	0.339	1.89	21.8
	08/30/01	NR	NR	NR	NR
	11/27/01	NR	NR	NR	NR
	02/26/02	NR	NR	NR	NR
	05/21/02	5.82	0.391	1.2	23.7
	09/12/02	NR	NR	NR	NR
	12/17/02	NR	NR	NR	NR
	03/12/03	NR	NR	NR	NR
	05/13/03	12.19	0.435	0.400	23.28
	06/08/03	6.50	0.464	0.15	25.40
	09/06/03	6.060	0.990	1.04	27.98
	12/13/03	5.65	0.327	2.73	24.50
	03/19/04	6.47	0.999	NR	22.66

Table 3-2
QUARTERLY REPORT MARCH 2004
MONITORING WELL FIELD MEASUREMENTS
103rd STREET AND "A" AVENUE JET FUEL TRANSFER PIPELINE
NAS CECIL FIELD, JACKSONVILLE, FLORIDA

Well Identification	Date	pH	Conductivity (mS/cm)	Dissolved O_2 (mg/l)	Temperature (^oC)
CEF-103-SMW-10	03/20/00	5.43	0.197	9.4	20.7
	09/28/00	5.25	0.350	0.9	25
	12/20/00	4.32	0.380	2.5	19.3
	03/27/01	7.00	0.180	2.5	18
	05/23/01	4.05	0.514	4.63	20.6
	08/30/01	4.94	0.641	NR	24.8
	11/27/01	6.93	0.382	2.92	22.8
	02/26/02	4.66	0.303	1.07	18.5
	05/21/02	4.55	0.709	0.84	22.4
	09/12/02	5.38	0.261	1.93	26
	12/17/02	5.25	NR	0.17	18.05
	03/12/03	5.45	0.85	0.82	18.59
	5/13/2003	9.37	0.849	0.09	22.49
CEF-103-SMW-11	03/20/00	6.33	0.960	9.61	22.6
	09/28/00	6.82	0.816	2	27.3
	12/20/00	6.89	1.070	0.11	22.1
	03/27/01	7.20	1.300	2.2	21
	05/23/01	6.45	0.696	1.63	24.1
	08/30/01	11.41	1.150	NR	27.6
	11/27/01	8.83	0.729	0.66	24.9
	02/26/02	7.83	0.642	0.71	20.9
	05/21/02	6.81	0.537	2.1	23.8
	09/12/02	7.28	0.416	4.91	29.1
	12/17/02	7.17	NR	3.40	24.28
	03/12/03	5.17	0.49	3.57	20.84
	05/13/03	*	*	*	*
	06/08/03	6.75	0.51	0.00	26.20
	9/6/2003	6.55	0.614	0.17	28.39
	12/13/2003	6.60	0.99	3.38	24.27
	3/19/2004	6.71	0.635	0.90	21.30
CEF-103-SMW-12	03/20/00	5.72	0.615	9	22.6
	09/28/00	NR	NR	NR	NR
	12/20/00	NR	NR	NR	NR
	03/27/01	NR	NR	NR	NR
	05/23/01	5.71	0.464	4.39	22.3
	08/30/01	NR	NR	NR	NR
	11/27/01	NR	NR	NR	NR
	02/26/02	NR	NR	NR	NR
	05/21/02	6.58	0.569	2.89	24.8
	09/12/02	NR	NR	NR	NR
	12/17/02	NR	NR	NR	NR
	03/12/03	NR	NR	NR	NR
	5/13/2003	8.150	0.614	0.240	24.050

NR = No Reading Taken

* Well was purged dry at 1.75 gallons; allowed to recharge prior to sampling.

- : Data for these wells was lost prior to backup due to handheld computer problems.

4.0 Conclusions and Recommendations

Laboratory results indicated no contaminant concentrations greater than the GCTLs during the 1st quarter 2004 sampling event. LNAPL was not noted in any monitoring wells during the monitoring period.

Based on laboratory data obtained to date, it is recommended that groundwater sampling continue through third quarter, 2004 to monitor for rebound.

5.0 References

Tetra Tech NUS, Inc. August 1999. Remedial Action Plan, “A” Avenue Jet Fuel Transfer Pipeline and 103rd Street, Naval Air Station Cecil Field, Jacksonville, Florida.

Appendix A

Laboratory Analytical Reports for Groundwater Samples

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM

BC# 368576

Client Name : Terraine, Inc.

Cooler Received/Opened On: 3/22/04 Accessioned By: Mike McBride

Log-in Personnel Signature

1. Temperature of Cooler when triaged: _____ Degrees Celsius
2. Were custody seals on outside of cooler?..... YES..NO..NA
   a. If yes, how many, what kind and where: _____
3. Were custody seals on containers and intact?..... NO..YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES....NO..NA
5. Were custody papers inside cooler?..... YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA
7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct containers used for the analysis requested?..... YES...NO...NA
14. a. Were VOA vials received?..... YES...NO...NA
    b. Was there any observable head space present in any VOA vial?..... NO...YES...NA
15. Was sufficient amount of sample sent in each container?..... YES...NO...NA
16. Were correct preservatives used?..... YES...NO...NA
    If not, record standard ID of preservative used here _____
17. Was residual chlorine present?..... NO...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

Fed-Ex	UPS	Velocity	Airborne	Route	Off-street	Misc.

19. If a Non-Conformance exists, see attached or comments below: #(1) + #18) See multiple cooler receipt form.

Revised 3/3/04

368576

TestAmerica, Inc.

2960 Foster Creighton Dr.
Nashville, TN 37204
Tel. No. 800-765-0980
Fax No. 615-726-0954

Terraine, Inc. - Chain Of Custody Record

ACCOUNT INFORMATION		TERRAINE PROJECT NO.	
TAI ACCOUNT NO: 9463	NAME OF PM TO BILL: James L. Young	0 4 - 4 1 0 0 1	DATE: 3/19/04
TAI QUOTE NO: 09230210902	PURCHASE ORDER NO 04-41001/4.4.2	TERRAINE TASK NO.	PAGE: 1 of 1
		[redacted] 4.4.2	

CONSULTANT COMPANY: TERRAINE, INC.
BILLING ADDRESS: 7380 Phillips Highway, Suite 106
CITY: Jacksonville, Florida 32256
TELEPHONE: 904-296-6001 | FAX: 305-513-4902 (main) | E-MAIL: jlv@terraine.com

QC DELIVERABLES
- [x] STANDARD
- [ ] LEVEL 2
- -------- BATCH QC --------
- [ ] LEVEL 3
- [ ] LEVEL 4

SITE DESCRIPTION: 103rd Street and "A" Avenue
SITE ADDRESS (STREET, CITY, STATE): NAS Cecil Field, Jacksonville, Florida
PROJECT CONTACT (Report to): James L. Young | PROJECT CONTACT CELL PHONE: 305-490-7702 | PROJECT CONTACT E-MAIL: jlv@terraine.com
FACILITY ID NO:
CONTRACT NO. / CONTRACT TASK ORDER NO (for Federal Projects): N62467-02-G-0352 / CTO#0001
SAMPLER NAME(S) (Print): K. Baer / L. Wolski
SAMPLER NAME(S) (Signatures): [signature]
LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): [x] STD [ ] 10 DAYS [ ] 5 DAYS [ ] 3 DAYS [ ] <24 HRS
ELECTRONIC DELIVERABLES: [x] FAX RESULTS [x] E-MAIL PDF [x] ELEC. DATA

TEMPERATURE ON RECEIPT (°C)

SPECIAL INSTRUCTIONS OR NOTES :

REQUESTED ANALYSIS (if more than one method is listed, circle one)

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX (AIR, GW, SOIL, SLUDGE, WW, ETC)	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8015) GRO	TPH - Extractable (8015) DRO	BTEX / MTBE (8021B)	BTEX / MTBE + Oxygenates (8260B)	VOCs (8260B)	VOCs Aromatic (8021B)	VOCs Halogenated (8021B)	PAH (8270)	Metals (Specify)	TRPH (FL-PRO)	Vapor VOCs BTEX, MTBE/GRO (EPA-18, TO-18)	Vapor VOCs Full List (EPA-18, TO	Pre burn (8021, Halogenated, FL-Pro, As, Cd, Cr, Pb)	Nitrate	Nitrite	Orthophosphate	LEAD 6010B				Container PID Readings or Laboratory Notes/Remarks
	CEF-103-SMW-03	3/19	512	GW	5	1		2		8					X			X		X							X				04A42034
	CEF-103-SMW-04	3/19	1022	GW	5	1		2		8					X			X		X							X				35
	CEF-103-SMW-05	3/19	922	GW	5	1		2		8					X			X		X							X				36
	CEF-103-SMW-06	3/19	1056	GW	5	1		2		8					X			X		X							X				37
	CEF-103-SMW-07	3/19	743	GW	5	1		2		8					X			X		X							X				38
	CEF-103-SMW-08	3/19	0952	GW	5	1		2		8					X			X		X							X				39
	CEF-103-SMW-09	3/19	1159	GW	5	1		2		8					X			X		X							X				40
	TRIP BLANK	–	-	DI	1					1					X																41
	EQUIPMENT BLANK	3/19	1220	DI	4	1		1		6					X			X		X							X				42
	CEF-103-SMW-11	3/19	1135	GW	5	1		2		8					X			X		X							X				42043

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]		3/19/04	
Relinquished by (Signature)	Received by (Signature)	Date	Time
Relinquished by (Signature)	Received by (Signature)	Date	Time
	[signature]	3.22.04	0810

05/1/01 Revision

3685576

Last digits of trk #	Temperature in C	custody seals intact	# of seals and where
5202	5	NO	
5213	1	NO	
5213	6	NO	
		yes no	
		yes no	
		yes no	
		yes no	
		yes no	
		yes no	
		yes no	
		yes no	
		yes no	
		yes no	
		yes no	
		yes no	

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4/ 1/04 CASE NARRATIVE

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: NAS CECIL FIELD
Project Number: 04-41001.
Laboratory Project Number: 368576.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

Sample Identification	Lab Number	Collection Date
CEF-103-SMW-03	04-A42034	3/19/04
CEF-103-SMW-04	04-A42035	3/19/04
CEF-103-SMW-05	04-A42036	3/19/04
CEF-103-SMW-06	04-A42037	3/19/04
CEF-103-SMW-07	04-A42038	3/19/04
CEF-103-SMW-08	04-A42039	3/19/04
CEF-103-SMW-09	04-A42040	3/19/04
Trip Blank	04-A42041	
EQUIPMENT BLANK	04-A42042	3/19/04
CEF-103-SMW-11	04-A42043	3/19/04

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
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Report Approved By: Roxanne L Connor Report Date: 4/ 1/04

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Serv
Eric S. Smith, QA/QC
Gail A. Lage, QA/QC
Glenn L. Norton, QA/QC
Kelly S. Comstock, QA/QC
Roxanne L. Connor, QA/QC

Laboratory Certification Number: E87358

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name: NAS CECIL FIELD
Sampler: K.BAER/L.WOLSKI

Lab Number: 04-A42034
Sample ID: CEF-103-SMW-03
Sample Type: Water
Site ID:

Date Collected: 3/19/04
Time Collected: 8:12
Date Received: 3/22/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	3/25/04	4:51	U. Burroug	FPRO	1457
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Acenaphthylene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Anthracene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Benzo(a)anthracene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Benzo(a)pyrene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Benzo(b)fluoranthene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Benzo(g,h,i)perylene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Benzo(k)fluoranthene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Chrysene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Dibenz(a,h)anthracene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Fluoranthene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Fluorene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
2-Methylnaphthalene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Naphthalene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Phenanthrene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
Pyrene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
1-Methylnaphthalene	ND	ug/L	0.10	1.0	3/31/04	2:20	D. Harris	8270C-SIM	6140
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	3/28/04	8:06	T McCollum	8260B	6662
Toluene	ND	ug/L	1.0	1.0	3/28/04	8:06	T McCollum	8260B	6662
Ethylbenzene	ND	ug/L	1.0	1.0	3/28/04	8:06	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42034
Sample ID: CEF-103-SMW-03
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Xylenes (Total)	ND	ug/L	1.0	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,2-Dibromoethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Naphthalene	ND	ug/L	5.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Acetone	ND	ug/L	25.0	1.0	3/28/04	8:06	T McCollum	8260B	6662
Bromobenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Bromochloromethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Bromoform	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Bromomethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
2-Butanone	ND	ug/L	25.0	1.0	3/28/04	8:06	T McCollum	8260B	6662
n-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
sec-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
tert-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Carbon disulfide	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Carbon tetrachloride	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Chlorobenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Chloroethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Chloroform	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Chloromethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
2-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
4-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Dibromochloromethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Dibromomethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,1-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,2-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,1-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,3-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
2,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,1-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42034
Sample ID: CEF-103-SMW-03
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Hexachlorobutadiene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
2-Hexanone	ND	ug/L	5.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Isopropylbenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
p-Isopropyltoluene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Methylene chloride	ND	ug/L	2.50	1.0	3/28/04	8:06	T McCollum	8260B	6662
n-Propylbenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Styrene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Tetrachloroethene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Trichloroethene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	3/28/04	8:06	T McCollum	8260B	6662
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Vinyl chloride	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Bromodichloromethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
Trichlorofluoromethane	ND	ug/L	1.00	1.0	3/28/04	8:06	T McCollum	8260B	6662
METALS									
Lead	ND	ug/L	5.0	1.0	3/23/04	18:17	C. Martin	6010B	141

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42034
Sample ID: CEF-103-SMW-03
Project: 04-41001

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	1000 ml	1.0 ml	3/25/04		K. Turner	3510C
Fla Pro	1000 ml	2.0 ml	3/23/04		M. Ricke	FDEP

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	129.	82. - 142.
TPH Surr, C-35	106.	41. - 122.
VOA Surr 1,2-DCA-d4	94.	71. - 128.
VOA Surr Toluene-d8	96.	77. - 119.
VOA Surr, 4-BFB	92.	79. - 123.
VOA Surr, DBFM	100.	78. - 124.
BNA Surr-Nitrobenzene-d5	121.	25. - 121.
BNA Surr-2-Fluorobiphenyl	71.	33. - 111.
BNA Surr-Terphenyl-d14	80.	11. - 139.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name: NAS CECIL FIELD
Sampler: K.BAER/L.WOLSKI

Lab Number: 04-A42035
Sample ID: CEF-103-SMW-04
Sample Type: Water
Site ID:

Date Collected: 3/19/04
Time Collected: 10:22
Date Received: 3/22/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	3570	ug/L	1000	5.0	3/25/04	8:26	U. Burroug	FPRO	1457
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Acenaphthylene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Anthracene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Benzo(a)anthracene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Benzo(a)pyrene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Benzo(b)fluoranthene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Benzo(g,h,i)perylene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Benzo(k)fluoranthene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Chrysene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Dibenz(a,h)anthracene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Fluoranthene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Fluorene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
2-Methylnaphthalene	0.32	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Naphthalene	0.38	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Phenanthrene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
Pyrene	ND	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
1-Methylnaphthalene	0.39	ug/L	0.12	1.0	3/31/04	2:49	D. Harris	8270C-SIM	6140
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	3/28/04	11:16	T McCollum	8260B	6662
Toluene	ND	ug/L	1.0	1.0	3/28/04	11:16	T McCollum	8260B	6662
Ethylbenzene	ND	ug/L	1.0	1.0	3/28/04	11:16	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42035
Sample ID: CEF-103-SMW-04
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Xylenes (Total)	ND	ug/L	1.0	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,2-Dibromoethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Naphthalene	ND	ug/L	5.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Acetone	81.1	ug/L	25.0	1.0	3/28/04	11:16	T McCollum	8260B	6662
Bromobenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Bromochloromethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Bromoform	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Bromomethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
2-Butanone	ND	ug/L	25.0	1.0	3/28/04	11:16	T McCollum	8260B	6662
n-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
sec-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
tert-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Carbon disulfide	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Carbon tetrachloride	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Chlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Chloroethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Chloroform	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Chloromethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
2-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
4-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Dibromochloromethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Dibromomethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,1-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,2-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,1-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,3-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
2,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,1-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42035
Sample ID: CEF-103-SMW-04
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Hexachlorobutadiene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
2-Hexanone	ND	ug/L	5.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Isopropylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
p-Isopropyltoluene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Methylene chloride	ND	ug/L	2.50	1.0	3/28/04	11:16	T McCollum	8260B	6662
n-Propylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Styrene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Tetrachloroethene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Trichloroethene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	3/28/04	11:16	T McCollum	8260B	6662
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Vinyl chloride	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Bromodichloromethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
Trichlorofluoromethane	ND	ug/L	1.00	1.0	3/28/04	11:16	T McCollum	8260B	6662
METALS									
Lead	ND	ug/L	5.0	1.0	3/23/04	18:17	C. Martin	6010B	141

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42035
Sample ID: CEF-103-SMW-04
Project: 04-41001

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	850. ml	1.0 ml	3/25/04		K. Turner	3510C
Fla Pro	1000 ml	2.0 ml	3/23/04		M. Ricke	FDEP

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	85.	82. - 142.
TPH Surr, C-35	120.	41. - 122.
VOA Surr 1,2-DCA-d4	97.	71. - 128.
VOA Surr Toluene-d8	93.	77. - 119.
VOA Surr, 4-BFB	94.	79. - 123.
VOA Surr, DBFM	102.	78. - 124.
BNA Surr-Nitrobenzene-d5	145. #	25. - 121.
BNA Surr-2-Fluorobiphenyl	74.	33. - 111.
BNA Surr-Terphenyl-d14	77.	11. - 139.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name: NAS CECIL FIELD
Sampler: K.BAER/L.WOLSKI

Lab Number: 04-A42036
Sample ID: CEF-103-SMW-05
Sample Type: Water
Site ID:

Date Collected: 3/19/04
Time Collected: 9:22
Date Received: 3/22/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	3/25/04	5:30	U. Burroug	FPRO	1457
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Acenaphthylene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Anthracene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Benzo(a)anthracene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Benzo(a)pyrene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Benzo(b)fluoranthene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Benzo(g,h,i)perylene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Benzo(k)fluoranthene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Chrysene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Dibenz(a,h)anthracene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Fluoranthene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Fluorene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
2-Methylnaphthalene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Naphthalene	0.11	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Phenanthrene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
Pyrene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
1-Methylnaphthalene	ND	ug/L	0.10	1.0	3/31/04	3:19	D. Harris	8270C-SIM	6140
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	3/28/04	11:48	T McCollum	8260B	6662
Toluene	ND	ug/L	1.0	1.0	3/28/04	11:48	T McCollum	8260B	6662
Ethylbenzene	ND	ug/L	1.0	1.0	3/28/04	11:48	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42036
Sample ID: CEF-103-SMW-05
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Xylenes (Total)	ND	ug/L	1.0	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,2-Dibromoethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Naphthalene	ND	ug/L	5.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Acetone	ND	ug/L	25.0	1.0	3/28/04	11:48	T McCollum	8260B	6662
Bromobenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Bromochloromethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Bromoform	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Bromomethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
2-Butanone	ND	ug/L	25.0	1.0	3/28/04	11:48	T McCollum	8260B	6662
n-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
sec-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
tert-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Carbon disulfide	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Carbon tetrachloride	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Chlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Chloroethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Chloroform	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Chloromethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
2-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
4-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Dibromochloromethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Dibromomethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,1-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,2-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,1-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,3-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
2,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,1-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42036
Sample ID: CEF-103-SMW-05
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Hexachlorobutadiene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
2-Hexanone	ND	ug/L	5.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Isopropylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
p-Isopropyltoluene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Methylene chloride	ND	ug/L	2.50	1.0	3/28/04	11:48	T McCollum	8260B	6662
n-Propylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Styrene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Tetrachloroethene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Trichloroethene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	3/28/04	11:48	T McCollum	8260B	6662
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Vinyl chloride	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Bromodichloromethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
Trichlorofluoromethane	ND	ug/L	1.00	1.0	3/28/04	11:48	T McCollum	8260B	6662
METALS									
Lead	ND	ug/L	5.0	1.0	3/23/04	18:17	C. Martin	6010B	141

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42036
Sample ID: CEF-103-SMW-05
Project: 04-41001

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	1000 ml	1.0 ml	3/25/04		K. Turner	3510C
Fla Pro	1000 ml	2.0 ml	3/23/04		M. Ricke	FDEP

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	116.	82. - 142.
TPH Surr, C-35	92.	41. - 122.
VOA Surr 1,2-DCA-d4	95.	71. - 128.
VOA Surr Toluene-d8	96.	77. - 119.
VOA Surr, 4-BFB	92.	79. - 123.
VOA Surr, DBFM	101.	78. - 124.
BNA Surr-Nitrobenzene-d5	130. #	25. - 121.
BNA Surr-2-Fluorobiphenyl	72.	33. - 111.
BNA Surr-Terphenyl-d14	81.	11. - 139.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name: NAS CECIL FIELD
Sampler: K.BAER/L.WOLSKI

Lab Number: 04-A42037
Sample ID: CEF-103-SMW-06
Sample Type: Water
Site ID:

Date Collected: 3/19/04
Time Collected: 10:56
Date Received: 3/22/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	3/25/04	5:49	U. Burroug	FPRO	1457
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Acenaphthylene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Anthracene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Benzo(a)anthracene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Benzo(a)pyrene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Benzo(b)fluoranthene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Benzo(g,h,i)perylene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Benzo(k)fluoranthene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Chrysene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Dibenz(a,h)anthracene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Fluoranthene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Fluorene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
2-Methylnaphthalene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Naphthalene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Phenanthrene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
Pyrene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
1-Methylnaphthalene	ND	ug/L	0.11	1.0	3/31/04	3:49	D. Harris	8270C-SIM	6140
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	3/28/04	12:19	T McCollum	8260B	6662
Toluene	ND	ug/L	1.0	1.0	3/28/04	12:19	T McCollum	8260B	6662
Ethylbenzene	ND	ug/L	1.0	1.0	3/28/04	12:19	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42037
Sample ID: CEF-103-SMW-06
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Xylenes (Total)	ND	ug/L	1.0	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,2-Dibromoethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Naphthalene	ND	ug/L	5.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Acetone	ND	ug/L	25.0	1.0	3/28/04	12:19	T McCollum	8260B	6662
Bromobenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Bromochloromethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Bromoform	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Bromomethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
2-Butanone	ND	ug/L	25.0	1.0	3/28/04	12:19	T McCollum	8260B	6662
n-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
sec-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
tert-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Carbon disulfide	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Carbon tetrachloride	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Chlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Chloroethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Chloroform	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Chloromethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
2-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
4-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Dibromochloromethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Dibromomethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,1-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,2-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,1-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,3-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
2,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,1-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662

Sample report continued . . .

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Sample ID: CEF-103-SMW-06
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Hexachlorobutadiene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
2-Hexanone	ND	ug/L	5.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Isopropylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
p-Isopropyltoluene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Methylene chloride	ND	ug/L	2.50	1.0	3/28/04	12:19	T McCollum	8260B	6662
n-Propylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Styrene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Tetrachloroethene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Trichloroethene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	3/28/04	12:19	T McCollum	8260B	6662
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Vinyl chloride	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Bromodichloromethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
Trichlorofluoromethane	ND	ug/L	1.00	1.0	3/28/04	12:19	T McCollum	8260B	6662
METALS									
Lead	ND	ug/L	5.0	1.0	3/23/04	18:17	C. Martin	6010B	141

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42037
Sample ID: CEF-103-SMW-06
Project: 04-41001

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	900. ml	1.0 ml	3/25/04		K. Turner	3510C
Fla Pro	1000 ml	2.0 ml	3/23/04		M. Ricke	FDEP

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	148. #	82. - 142.
TPH Surr, C-35	114.	41. - 122.
VOA Surr 1,2-DCA-d4	97.	71. - 128.
VOA Surr Toluene-d8	96.	77. - 119.
VOA Surr, 4-BFB	92.	79. - 123.
VOA Surr, DBFM	98.	78. - 124.
BNA Surr-Nitrobenzene-d5	123. #	25. - 121.
BNA Surr-2-Fluorobiphenyl	67.	33. - 111.
BNA Surr-Terphenyl-d14	83.	11. - 139.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name: NAS CECIL FIELD
Sampler: K.BAER/L.WOLSKI

Lab Number: 04-A42038
Sample ID: CEF-103-SMW-07
Sample Type: Water
Site ID:

Date Collected: 3/19/04
Time Collected: 7:43
Date Received: 3/22/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	3/25/04	6:09	U. Burroug	FPRO	1457
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Acenaphthylene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Anthracene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Benzo(a)anthracene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Benzo(a)pyrene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Benzo(b)fluoranthene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Benzo(g,h,i)perylene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Benzo(k)fluoranthene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Chrysene	0.18	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Dibenz(a,h)anthracene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Fluoranthene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Fluorene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
2-Methylnaphthalene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Naphthalene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Phenanthrene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
Pyrene	0.18	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
1-Methylnaphthalene	ND	ug/L	0.11	1.0	3/31/04	4:18	D. Harris	8270C-SIM	6140
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	3/28/04	12:51	T McCollum	8260B	6662
Toluene	ND	ug/L	1.0	1.0	3/28/04	12:51	T McCollum	8260B	6662
Ethylbenzene	ND	ug/L	1.0	1.0	3/28/04	12:51	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42038
Sample ID: CEF-103-SMW-07
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Xylenes (Total)	ND	ug/L	1.0	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,2-Dibromoethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Naphthalene	ND	ug/L	5.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Acetone	ND	ug/L	25.0	1.0	3/28/04	12:51	T McCollum	8260B	6662
Bromobenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Bromochloromethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Bromoform	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Bromomethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
2-Butanone	ND	ug/L	25.0	1.0	3/28/04	12:51	T McCollum	8260B	6662
n-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
sec-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
tert-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Carbon disulfide	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Carbon tetrachloride	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Chlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Chloroethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Chloroform	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Chloromethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
2-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
4-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Dibromochloromethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Dibromomethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,1-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,2-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,1-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,3-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
2,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,1-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42038
Sample ID: CEF-103-SMW-07
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Hexachlorobutadiene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
2-Hexanone	ND	ug/L	5.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Isopropylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
p-Isopropyltoluene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Methylene chloride	ND	ug/L	2.50	1.0	3/28/04	12:51	T McCollum	8260B	6662
n-Propylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Styrene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Tetrachloroethene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Trichloroethene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	3/28/04	12:51	T McCollum	8260B	6662
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Vinyl chloride	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Bromodichloromethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
Trichlorofluoromethane	ND	ug/L	1.00	1.0	3/28/04	12:51	T McCollum	8260B	6662
METALS									
Lead	ND	ug/L	5.0	1.0	3/23/04	18:17	C. Martin	6010B	141

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42038
Sample ID: CEF-103-SMW-07
Project: 04-41001

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	900. ml	1.0 ml	3/25/04		K. Turner	3510C
Fla Pro	1000 ml	2.0 ml	3/23/04		M. Ricke	FDEP

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	122.	82. - 142.
TPH Surr, C-35	90.	41. - 122.
VOA Surr 1,2-DCA-d4	96.	71. - 128.
VOA Surr Toluene-d8	94.	77. - 119.
VOA Surr, 4-BFB	94.	79. - 123.
VOA Surr, DBFM	99.	78. - 124.
BNA Surr-Nitrobenzene-d5	125. #	25. - 121.
BNA Surr-2-Fluorobiphenyl	68.	33. - 111.
BNA Surr-Terphenyl-d14	77.	11. - 139.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name: NAS CECIL FIELD
Sampler: K.BAER/L.WOLSKI

Lab Number: 04-A42039
Sample ID: CEF-103-SMW-08
Sample Type: Water
Site ID:

Date Collected: 3/19/04
Time Collected: 9:52
Date Received: 3/22/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	3/25/04	6:28	U. Burroug	FPRO	1457
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Acenaphthylene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Anthracene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Benzo(a)anthracene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Benzo(a)pyrene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Benzo(b)fluoranthene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Benzo(g,h,i)perylene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Benzo(k)fluoranthene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Chrysene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Dibenz(a,h)anthracene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Fluoranthene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Fluorene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
2-Methylnaphthalene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Naphthalene	0.13	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Phenanthrene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
Pyrene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
1-Methylnaphthalene	ND	ug/L	0.11	1.0	3/31/04	4:48	D. Harris	8270C-SIM	6140
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	3/28/04	13:23	T McCollum	8260B	6662
Toluene	1.1	ug/L	1.0	1.0	3/28/04	13:23	T McCollum	8260B	6662
Ethylbenzene	ND	ug/L	1.0	1.0	3/28/04	13:23	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42039
Sample ID: CEF-103-SMW-08
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Xylenes (Total)	1.6	ug/L	1.0	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,2-Dibromoethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Naphthalene	ND	ug/L	5.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Acetone	ND	ug/L	25.0	1.0	3/28/04	13:23	T McCollum	8260B	6662
Bromobenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Bromochloromethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Bromoform	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Bromomethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
2-Butanone	ND	ug/L	25.0	1.0	3/28/04	13:23	T McCollum	8260B	6662
n-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
sec-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
tert-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Carbon disulfide	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Carbon tetrachloride	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Chlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Chloroethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Chloroform	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Chloromethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
2-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
4-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Dibromochloromethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Dibromomethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,1-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,2-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,1-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,3-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
2,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,1-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42039
Sample ID: CEF-103-SMW-08
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Hexachlorobutadiene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
2-Hexanone	ND	ug/L	5.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Isopropylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
p-Isopropyltoluene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Methylene chloride	ND	ug/L	2.50	1.0	3/28/04	13:23	T McCollum	8260B	6662
n-Propylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Styrene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Tetrachloroethene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Trichloroethene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	3/28/04	13:23	T McCollum	8260B	6662
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Vinyl chloride	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Bromodichloromethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
Trichlorofluoromethane	ND	ug/L	1.00	1.0	3/28/04	13:23	T McCollum	8260B	6662
METALS									
Lead	ND	ug/L	5.0	1.0	3/23/04	18:17	C. Martin	6010B	141

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42039
Sample ID: CEF-103-SMW-08
Project: 04-41001

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	900. ml	1.0 ml	3/25/04		K. Turner	3510C
Fla Pro	1000 ml	2.0 ml	3/23/04		M. Ricke	FDEP

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	137.	82. - 142.
TPH Surr, C-35	90.	41. - 122.
VOA Surr 1,2-DCA-d4	97.	71. - 128.
VOA Surr Toluene-d8	96.	77. - 119.
VOA Surr, 4-BFB	95.	79. - 123.
VOA Surr, DBFM	102.	78. - 124.
BNA Surr-Nitrobenzene-d5	117.	25. - 121.
BNA Surr-2-Fluorobiphenyl	66.	33. - 111.
BNA Surr-Terphenyl-d14	91.	11. - 139.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name: NAS CECIL FIELD
Sampler: K.BAER/L.WOLSKI

Lab Number: 04-A42040
Sample ID: CEF-103-SMW-09
Sample Type: Water
Site ID:

Date Collected: 3/19/04
Time Collected: 11:59
Date Received: 3/22/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	3/25/04	6:48	U. Burroug	FPRO	1457
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Acenaphthylene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Anthracene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Benzo(a)anthracene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Benzo(a)pyrene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Benzo(b)fluoranthene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Benzo(g,h,i)perylene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Benzo(k)fluoranthene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Chrysene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Dibenz(a,h)anthracene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Fluoranthene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Fluorene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
2-Methylnaphthalene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Naphthalene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Phenanthrene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
Pyrene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
1-Methylnaphthalene	ND	ug/L	0.11	1.0	3/31/04	5:18	D. Harris	8270C-SIM	6140
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	3/28/04	13:55	T McCollum	8260B	6662
Toluene	ND	ug/L	1.0	1.0	3/28/04	13:55	T McCollum	8260B	6662
Ethylbenzene	ND	ug/L	1.0	1.0	3/28/04	13:55	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42040
Sample ID: CEF-103-SMW-09
Project: 04-41001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Xylenes (Total)	ND	ug/L	1.0	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,2-Dibromoethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Naphthalene	ND	ug/L	5.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Acetone	ND	ug/L	25.0	1.0	3/28/04	13:55	T McCollum	8260B	6662
Bromobenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Bromochloromethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Bromoform	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Bromomethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
2-Butanone	ND	ug/L	25.0	1.0	3/28/04	13:55	T McCollum	8260B	6662
n-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
sec-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
tert-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Carbon disulfide	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Carbon tetrachloride	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Chlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Chloroethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Chloroform	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Chloromethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
2-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
4-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Dibromochloromethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Dibromomethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,1-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,2-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,1-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,3-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
2,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,1-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42040
Sample ID: CEF-103-SMW-09
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Hexachlorobutadiene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
2-Hexanone	ND	ug/L	5.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Isopropylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
p-Isopropyltoluene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Methylene chloride	ND	ug/L	2.50	1.0	3/28/04	13:55	T McCollum	8260B	6662
n-Propylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Styrene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Tetrachloroethene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Trichloroethene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	3/28/04	13:55	T McCollum	8260B	6662
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Vinyl chloride	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Bromodichloromethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
Trichlorofluoromethane	ND	ug/L	1.00	1.0	3/28/04	13:55	T McCollum	8260B	6662
METALS									
Lead	ND	ug/L	5.0	1.0	3/23/04	18:17	C. Martin	6010B	141

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42040
Sample ID: CEF-103-SMW-09
Project: 04-41001

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	900. ml	1.0 ml	3/25/04		K. Turner	3510C
Fla Pro	1000 ml	2.0 ml	3/23/04		M. Ricke	FDEP

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	133.	82. - 142.
TPH Surr, C-35	84.	41. - 122.
VOA Surr 1,2-DCA-d4	95.	71. - 128.
VOA Surr Toluene-d8	95.	77. - 119.
VOA Surr, 4-BFB	93.	79. - 123.
VOA Surr, DBFM	100.	78. - 124.
BNA Surr-Nitrobenzene-d5	118.	25. - 121.
BNA Surr-2-Fluorobiphenyl	65.	33. - 111.
BNA Surr-Terphenyl-d14	77.	11. - 139.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name: NAS CECIL FIELD
Sampler: K.BAER/L.WOLSKI

Lab Number: 04-A42041
Sample ID: Trip Blank
Sample Type: Water
Site ID:

Date Collected:
Time Collected:
Date Received: 3/22/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	3/28/04	2:49	T McCollum	8260B	6677
Toluene	ND	ug/L	1.0	1.0	3/28/04	2:49	T McCollum	8260B	6677
Ethylbenzene	ND	ug/L	1.0	1.0	3/28/04	2:49	T McCollum	8260B	6677
Xylenes (Total)	ND	ug/L	1.0	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,2-Dibromoethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Naphthalene	ND	ug/L	5.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Acetone	ND	ug/L	25.0	1.0	3/28/04	2:49	T McCollum	8260B	6677
Bromobenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Bromochloromethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Bromoform	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Bromomethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
2-Butanone	ND	ug/L	25.0	1.0	3/28/04	2:49	T McCollum	8260B	6677
n-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
sec-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
tert-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Carbon disulfide	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Carbon tetrachloride	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Chlorobenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Chloroethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Chloroform	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Chloromethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
2-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
4-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Dibromochloromethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Dibromomethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42041
Sample ID: Trip Blank
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,1-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,2-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,1-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,3-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
2,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,1-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Hexachlorobutadiene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
2-Hexanone	ND	ug/L	5.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Isopropylbenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
p-Isopropyltoluene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Methylene chloride	ND	ug/L	2.50	1.0	3/28/04	2:49	T McCollum	8260B	6677
n-Propylbenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Styrene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Tetrachloroethene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Trichloroethene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	3/28/04	2:49	T McCollum	8260B	6677
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Vinyl chloride	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677
Bromodichloromethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42041
Sample ID: Trip Blank
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/L	1.00	1.0	3/28/04	2:49	T McCollum	8260B	6677

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	95.	71. - 128.
VOA Surr Toluene-d8	96.	77. - 119.
VOA Surr, 4-BFB	94.	79. - 123.
VOA Surr, DBFM	100.	78. - 124.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name: NAS CECIL FIELD
Sampler: K.BAER/L.WOLSKI

Lab Number: 04-A42042
Sample ID: EQUIPMENT BLANK
Sample Type: Water
Site ID:

Date Collected: 3/19/04
Time Collected: 12:20
Date Received: 3/22/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	ND	ug/L	200.	1.0	3/25/04	7:07	U. Burroug	FPRO	1457
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Acenaphthylene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Anthracene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Benzo(a)anthracene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Benzo(a)pyrene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Benzo(b)fluoranthene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Benzo(g,h,i)perylene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Benzo(k)fluoranthene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Chrysene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Dibenz(a,h)anthracene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Fluoranthene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Fluorene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
2-Methylnaphthalene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Naphthalene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Phenanthrene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
Pyrene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
1-Methylnaphthalene	ND	ug/L	0.10	1.0	3/31/04	5:47	D. Harris	8270C-SIM	6140
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	3/28/04	3:21	T McCollum	8260B	6677
Toluene	ND	ug/L	1.0	1.0	3/28/04	3:21	T McCollum	8260B	6677
Ethylbenzene	ND	ug/L	1.0	1.0	3/28/04	3:21	T McCollum	8260B	6677

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42042
Sample ID: EQUIPMENT BLANK
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Xylenes (Total)	ND	ug/L	1.0	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,2-Dibromoethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Naphthalene	ND	ug/L	5.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Acetone	ND	ug/L	25.0	1.0	3/28/04	3:21	T McCollum	8260B	6677
Bromobenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Bromochloromethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Bromoform	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Bromomethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
2-Butanone	ND	ug/L	25.0	1.0	3/28/04	3:21	T McCollum	8260B	6677
n-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
sec-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
tert-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Carbon disulfide	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Carbon tetrachloride	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Chlorobenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Chloroethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Chloroform	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Chloromethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
2-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
4-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Dibromochloromethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Dibromomethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,1-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,2-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,1-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,3-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
2,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,1-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42042
Sample ID: EQUIPMENT BLANK
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Hexachlorobutadiene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
2-Hexanone	ND	ug/L	5.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Isopropylbenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
p-Isopropyltoluene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Methylene chloride	ND	ug/L	2.50	1.0	3/28/04	3:21	T McCollum	8260B	6677
n-Propylbenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Styrene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Tetrachloroethene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Trichloroethene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	3/28/04	3:21	T McCollum	8260B	6677
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Vinyl chloride	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Bromodichloromethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
Trichlorofluoromethane	ND	ug/L	1.00	1.0	3/28/04	3:21	T McCollum	8260B	6677
METALS									
Lead	ND	ug/L	5.0	1.0	3/23/04	18:17	C. Martin	6010B	141

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42042
Sample ID: EQUIPMENT BLANK
Project: 04-41001

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	1000 ml	1.0 ml	3/25/04		K. Turner	3510C
Fla Pro	1000 ml	2.0 ml	3/23/04		M. Ricke	FDEP

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	134.	82. - 142.
TPH Surr, C-35	91.	41. - 122.
VOA Surr 1,2-DCA-d4	94.	71. - 128.
VOA Surr Toluene-d8	97.	77. - 119.
VOA Surr, 4-BFB	92.	79. - 123.
VOA Surr, DBFM	96.	78. - 124.
BNA Surr-Nitrobenzene-d5	118.	25. - 121.
BNA Surr-2-Fluorobiphenyl	66.	33. - 111.
BNA Surr-Terphenyl-d14	91.	11. - 139.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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ANALYTICAL REPORT

TERRAINE, INC. 9463
JIM YOUNG
2622 N.W. 97TH
MIAMI, FL 33172

Project: 04-41001
Project Name: NAS CECIL FIELD
Sampler: K.BAER/L.WOLSKI

Lab Number: 04-A42043
Sample ID: CEF-103-SMW-11
Sample Type: Water
Site ID:

Date Collected: 3/19/04
Time Collected: 11:35
Date Received: 3/22/04
Time Received: 8:10
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TRPH	662.	ug/L	200.	1.0	3/25/04	7:27	U. Burroug	FPRO	1457
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Acenaphthylene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Anthracene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Benzo(a)anthracene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Benzo(a)pyrene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Benzo(b)fluoranthene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Benzo(g,h,i)perylene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Benzo(k)fluoranthene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Chrysene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Dibenz(a,h)anthracene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Fluoranthene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Fluorene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
2-Methylnaphthalene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Naphthalene	0.22	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Phenanthrene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
Pyrene	ND	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
1-Methylnaphthalene	0.14	ug/L	0.11	1.0	3/31/04	6:17	D. Harris	8270C-SIM	6140
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	3/28/04	14:26	T McCollum	8260B	6662
Toluene	ND	ug/L	1.0	1.0	3/28/04	14:26	T McCollum	8260B	6662
Ethylbenzene	ND	ug/L	1.0	1.0	3/28/04	14:26	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42043
Sample ID: CEF-103-SMW-11
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Xylenes (Total)	ND	ug/L	1.0	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,2-Dibromoethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Naphthalene	ND	ug/L	5.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Acetone	ND	ug/L	25.0	1.0	3/28/04	14:26	T McCollum	8260B	6662
Bromobenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Bromochloromethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Bromoform	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Bromomethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
2-Butanone	ND	ug/L	25.0	1.0	3/28/04	14:26	T McCollum	8260B	6662
n-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
sec-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
tert-Butylbenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Carbon disulfide	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Carbon tetrachloride	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Chlorobenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Chloroethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Chloroform	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Chloromethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
2-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
4-Chlorotoluene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Dibromochloromethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Dibromomethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,1-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,2-Dichloroethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,1-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,3-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
2,2-Dichloropropane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,1-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42043
Sample ID: CEF-103-SMW-11
Project: 04-41001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Hexachlorobutadiene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
2-Hexanone	ND	ug/L	5.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Isopropylbenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
p-Isopropyltoluene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Methylene chloride	ND	ug/L	2.50	1.0	3/28/04	14:26	T McCollum	8260B	6662
n-Propylbenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Styrene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Tetrachloroethene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Trichloroethene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	3/28/04	14:26	T McCollum	8260B	6662
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Vinyl chloride	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Bromodichloromethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
Trichlorofluoromethane	ND	ug/L	1.00	1.0	3/28/04	14:26	T McCollum	8260B	6662
METALS									
Lead	ND	ug/L	5.0	1.0	3/23/04	18:17	C. Martin	6010B	141

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 04-A42043
Sample ID: CEF-103-SMW-11
Project: 04-41001

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	900. ml	1.0 ml	3/25/04		K. Turner	3510C
Fla Pro	1000 ml	2.0 ml	3/23/04		M. Ricke	FDEP

Surrogate	% Recovery	Target Range
TPH Surr., O-Terphenyl	90.	82. - 142.
TPH Surr, C-35	87.	41. - 122.
VOA Surr 1,2-DCA-d4	95.	71. - 128.
VOA Surr Toluene-d8	96.	77. - 119.
VOA Surr, 4-BFB	91.	79. - 123.
VOA Surr, DBFM	100.	78. - 124.
BNA Surr-Nitrobenzene-d5	117.	25. - 121.
BNA Surr-2-Fluorobiphenyl	55.	33. - 111.
BNA Surr-Terphenyl-d14	73.	11. - 139.

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number: 04-41001
Project Name: NAS CECIL FIELD
Page: 1
Laboratory Receipt Date: 3/22/04

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
TRPH	mg/l	< 0.100	0.338	0.430	79	41. - 101.	1457	blank
VOA PARAMETERS								
Benzene	mg/l	< 0.0010	0.0468	0.0500	94	73 - 135	6662	04-A42034
Benzene	mg/l	0.0010	0.0477	0.0500	93	73 - 135	6677	04-A42014
Chlorobenzene	mg/l	< 0.00100	0.0478	0.0500	96	77 - 130	6662	04-A42034
Chlorobenzene	mg/l	< 0.00100	0.0474	0.0500	95	77 - 130	6677	04-A42014
1,1-Dichloroethene	mg/l	< 0.00100	0.0484	0.0500	97	71 - 143	6662	04-A42034
1,1-Dichloroethene	mg/l	< 0.00100	0.0480	0.0500	96	71 - 143	6677	04-A42014
Toluene	mg/l	< 0.0010	0.0443	0.0500	89	69 - 139	6662	04-A42034
Toluene	mg/l	0.0013	0.0458	0.0500	89	69 - 139	6677	04-A42014
Trichloroethene	mg/l	< 0.00100	0.0497	0.0500	99	72 - 141	6662	04-A42034
Trichloroethene	mg/l	< 0.00100	0.0509	0.0500	102	72 - 141	6677	04-A42014
Tetrachloroethene	mg/l	< 0.00100	0.0470	0.0500	94	68 - 140	6662	04-A42034
Tetrachloroethene	mg/l	< 0.00100	0.0496	0.0500	99	68 - 140	6677	04-A42014
VOA Surr 1,2-DCA-d4	% Rec				95	71 - 128	6662	
VOA Surr 1,2-DCA-d4	% Rec				94	71 - 128	6677	
VOA Surr Toluene-d8	% Rec				98	77 - 119	6662	
VOA Surr Toluene-d8	% Rec				97	77 - 119	6677	
VOA Surr, 4-BFB	% Rec				93	79 - 123	6662	
VOA Surr, 4-BFB	% Rec				94	79 - 123	6677	
VOA Surr, DBFM	% Rec				103	78 - 124	6662	
VOA Surr, DBFM	% Rec				102	78 - 124	6677	

Project QC continued . . .

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EXTRACTABLE PARAMETERS									
Acenaphthene	mg/l	< 0.00010	0.00113	0.00100	113	46 -	125	6140	Blank
Pyrene	mg/l	< 0.00010	0.00140	0.00100	140	47 -	152	6140	Blank
BNA Surr-Nitrobenzene-d5	% Rec				121	25 -	121	6140	
BNA Surr-2-Fluorobiphenyl	% Rec				97	33 -	111	6140	
BNA Surr-Terphenyl-d14	% Rec				155	11 -	139	6140	
METALS									
Lead	mg/l	< 0.0050	0.0540	0.0500	108	80 - 120		141	'42042

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
TRPH	mg/l	0.338	0.295	13.59	20.	1457
VOA PARAMETERS						
Benzene	mg/l	0.0468	0.0468	0.00	21.	6662
Benzene	mg/l	0.0477	0.0517	8.05	21.	6677
Chlorobenzene	mg/l	0.0478	0.0466	2.54	19.	6662
Chlorobenzene	mg/l	0.0474	0.0514	8.10	19.	6677
1,1-Dichloroethene	mg/l	0.0484	0.0451	7.06	21.	6662
1,1-Dichloroethene	mg/l	0.0480	0.0510	6.06	21.	6677
Toluene	mg/l	0.0443	0.0429	3.21	24.	6662
Toluene	mg/l	0.0458	0.0499	8.57	24.	6677
Trichloroethene	mg/l	0.0497	0.0484	2.65	21.	6662
Trichloroethene	mg/l	0.0509	0.0553	8.29	21.	6677
Tetrachloroethene	mg/l	0.0470	0.0441	6.37	21.	6662
Tetrachloroethene	mg/l	0.0496	0.0539	8.31	21.	6677

Project QC continued . . .

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VOA Surr 1,2-DCA-d4	% Rec		96.			6662
VOA Surr 1,2-DCA-d4	% Rec		94.			6677
VOA Surr Toluene-d8	% Rec		97.			6662
VOA Surr Toluene-d8	% Rec		98.			6677
VOA Surr, 4-BFB	% Rec		93.			6662
VOA Surr, 4-BFB	% Rec		93.			6677
VOA Surr, DBFM	% Rec		103.			6662
VOA Surr, DBFM	% Rec		102.			6677
EXTRACTABLE PARAMETERS						
Acenaphthene	mg/l	0.00113	0.00122	7.66	51.	6140
Pyrene	mg/l	0.00140	0.00151	7.56	47.	6140
BNA Surr-Nitrobenzene-d5	% Rec		122.			6140
BNA Surr-2-Fluorobiphenyl	% Rec		104.			6140
BNA Surr-Terphenyl-d14	% Rec		165.			6140
METALS						
Lead	mg/l	0.0540	0.0560	3.64	20	141

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TRPH	mg/l	0.430	0.295	69	55 - 118	1457
VOA PARAMETERS						
Acetone	mg/l	0.250	0.239	96	55 - 144	6677
Acetone	mg/l	0.250	0.258	103	55 - 144	6662
Benzene	mg/l	0.0500	0.0490	98	81 - 121	6677
Benzene	mg/l	0.0500	0.0532	106	81 - 121	6662
Bromobenzene	mg/l	0.0500	0.0444	89	72 - 129	6677
Bromobenzene	mg/l	0.0500	0.0489	98	72 - 129	6662
Bromochloromethane	mg/l	0.0500	0.0553	111	75 - 137	6677
Bromochloromethane	mg/l	0.0500	0.0633	127	75 - 137	6662
Bromoform	mg/l	0.0500	0.0431	86	54 - 127	6677

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Bromoform	mg/l	0.0500	0.0419	84	54 - 127	6662
Bromomethane	mg/l	0.0500	0.0630	126	54 - 160	6677
Bromomethane	mg/l	0.0500	0.0682	136	54 - 160	6662
2-Butanone	mg/l	0.250	0.251	100	62 - 146	6677
2-Butanone	mg/l	0.250	0.280	112	62 - 146	6662
n-Butylbenzene	mg/l	0.0500	0.0494	99	68 - 139	6677
n-Butylbenzene	mg/l	0.0500	0.0497	99	68 - 139	6662
sec-Butylbenzene	mg/l	0.0500	0.0484	97	75 - 135	6677
sec-Butylbenzene	mg/l	0.0500	0.0514	103	75 - 135	6662
tert-Butylbenzene	mg/l	0.0500	0.0482	96	73 - 135	6677
tert-Butylbenzene	mg/l	0.0500	0.0515	103	73 - 135	6662
Carbon disulfide	mg/l	0.0500	0.0515	103	71 - 139	6677
Carbon disulfide	mg/l	0.0500	0.0550	110	71 - 139	6662
Carbon tetrachloride	mg/l	0.0500	0.0486	97	70 - 131	6677
Carbon tetrachloride	mg/l	0.0500	0.0525	105	70 - 131	6662
Chlorobenzene	mg/l	0.0500	0.0504	101	87 - 120	6677
Chlorobenzene	mg/l	0.0500	0.0545	109	87 - 120	6662
Chloroethane	mg/l	0.0500	0.0505	101	65 - 145	6677
Chloroethane	mg/l	0.0500	0.0530	106	65 - 145	6662
Chloroform	mg/l	0.0500	0.0478	96	77 - 128	6677
Chloroform	mg/l	0.0500	0.0542	108	77 - 128	6662
Chloromethane	mg/l	0.0500	0.0474	95	46 - 147	6677
Chloromethane	mg/l	0.0500	0.0474	95	46 - 147	6662
2-Chlorotoluene	mg/l	0.0500	0.0464	93	78 - 128	6677
2-Chlorotoluene	mg/l	0.0500	0.0503	101	78 - 128	6662
4-Chlorotoluene	mg/l	0.0500	0.0474	95	80 - 130	6677
4-Chlorotoluene	mg/l	0.0500	0.0505	101	80 - 130	6662
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0422	84	55 - 135	6677
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0435	87	55 - 135	6662
Dibromochloromethane	mg/l	0.0500	0.0467	93	63 - 132	6677
Dibromochloromethane	mg/l	0.0500	0.0474	95	63 - 132	6662

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Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2-Dibromoethane	mg/l	0.0500	0.0483	97	77 - 136	6677
1,2-Dibromoethane	mg/l	0.0500	0.0518	104	77 - 136	6662
Dibromomethane	mg/l	0.0500	0.0532	106	75 - 133	6677
Dibromomethane	mg/l	0.0500	0.0585	117	75 - 133	6662
1,2-Dichlorobenzene	mg/l	0.0500	0.0497	99	83 - 126	6677
1,2-Dichlorobenzene	mg/l	0.0500	0.0533	107	83 - 126	6662
1,3-Dichlorobenzene	mg/l	0.0500	0.0505	101	85 - 124	6677
1,3-Dichlorobenzene	mg/l	0.0500	0.0536	107	85 - 124	6662
1,4-Dichlorobenzene	mg/l	0.0500	0.0505	101	83 - 122	6677
1,4-Dichlorobenzene	mg/l	0.0500	0.0547	109	83 - 122	6662
Dichlorodifluoromethane	mg/l	0.0500	0.0459	92	52 - 159	6677
Dichlorodifluoromethane	mg/l	0.0500	0.0482	96	52 - 159	6662
1,1-Dichloroethane	mg/l	0.0500	0.0489	98	76 - 129	6677
1,1-Dichloroethane	mg/l	0.0500	0.0548	110	76 - 129	6662
1,2-Dichloroethane	mg/l	0.0500	0.0489	98	70 - 136	6677
1,2-Dichloroethane	mg/l	0.0500	0.0541	108	70 - 136	6662
1,1-Dichloroethene	mg/l	0.0500	0.0497	99	77 - 133	6677
1,1-Dichloroethene	mg/l	0.0500	0.0554	111	77 - 133	6662
cis-1,2-Dichloroethene	mg/l	0.0500	0.0506	101	76 - 129	6677
cis-1,2-Dichloroethene	mg/l	0.0500	0.0554	111	76 - 129	6662
trans-1,2-Dichloroethene	mg/l	0.0500	0.0502	100	73 - 135	6677
trans-1,2-Dichloroethene	mg/l	0.0500	0.0563	113	73 - 135	6662
1,2-Dichloropropane	mg/l	0.0500	0.0482	96	74 - 130	6677
1,2-Dichloropropane	mg/l	0.0500	0.0528	106	74 - 130	6662
1,3-Dichloropropane	mg/l	0.0500	0.0464	93	79 - 129	6677
1,3-Dichloropropane	mg/l	0.0500	0.0496	99	79 - 129	6662
2,2-Dichloropropane	mg/l	0.0500	0.0534	107	39 - 151	6677
2,2-Dichloropropane	mg/l	0.0500	0.0499	100	39 - 151	6662
1,1-Dichloropropene	mg/l	0.0500	0.0500	100	80 - 129	6677
1,1-Dichloropropene	mg/l	0.0500	0.0538	108	80 - 129	6662
cis-1,3-Dichloropropene	mg/l	0.0500	0.0462	92	59 - 136	6677

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
cis-1,3-Dichloropropene	mg/l	0.0500	0.0462	92	59 - 136	6662
trans-1,3-Dichloropropene	mg/l	0.0500	0.0446	89	59 - 135	6677
trans-1,3-Dichloropropene	mg/l	0.0500	0.0451	90	59 - 135	6662
Ethylbenzene	mg/l	0.0500	0.0487	97	78 - 126	6677
Ethylbenzene	mg/l	0.0500	0.0521	104	78 - 126	6662
Hexachlorobutadiene	mg/l	0.0500	0.0541	108	60 - 142	6677
Hexachlorobutadiene	mg/l	0.0500	0.0536	107	60 - 142	6662
2-Hexanone	mg/l	0.250	0.227	91	61 - 148	6677
2-Hexanone	mg/l	0.250	0.241	96	61 - 148	6662
Isopropylbenzene	mg/l	0.0500	0.0498	100	74 - 134	6677
Isopropylbenzene	mg/l	0.0500	0.0535	107	74 - 134	6662
p-Isopropyltoluene	mg/l	0.0500	0.0500	100	79 - 130	6677
p-Isopropyltoluene	mg/l	0.0500	0.0523	105	79 - 130	6662
4-Methyl-2-pentanone	mg/l	0.250	0.222	89	59 - 147	6677
4-Methyl-2-pentanone	mg/l	0.250	0.238	95	59 - 147	6662
Methylene chloride	mg/l	0.0500	0.0532	106	68 - 132	6677
Methylene chloride	mg/l	0.0500	0.0574	115	68 - 132	6662
Naphthalene	mg/l	0.0500	0.0449	90	53 - 152	6677
Naphthalene	mg/l	0.0500	0.0462	92	53 - 152	6662
n-Propylbenzene	mg/l	0.0500	0.0471	94	73 - 134	6677
n-Propylbenzene	mg/l	0.0500	0.0497	99	73 - 134	6662
Styrene	mg/l	0.0500	0.0498	100	78 - 134	6677
Styrene	mg/l	0.0500	0.0541	108	78 - 134	6662
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0487	97	75 - 131	6677
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0515	103	75 - 131	6662
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0464	93	62 - 142	6677
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0480	96	62 - 142	6662
Tetrachloroethene	mg/l	0.0500	0.0543	109	77 - 129	6677
Tetrachloroethene	mg/l	0.0500	0.0564	113	77 - 129	6662
Toluene	mg/l	0.0500	0.0476	95	77 - 125	6677
Toluene	mg/l	0.0500	0.0507	101	77 - 125	6662

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0504	101	54 - 155	6677
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0514	103	54 - 155	6662
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0507	101	61 - 145	6677
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0519	104	61 - 145	6662
1,1,1-Trichloroethane	mg/l	0.0500	0.0437	87	66 - 139	6677
1,1,1-Trichloroethane	mg/l	0.0500	0.0532	106	66 - 139	6662
1,1,2-Trichloroethane	mg/l	0.0500	0.0494	99	77 - 132	6677
1,1,2-Trichloroethane	mg/l	0.0500	0.0525	105	77 - 132	6662
Trichloroethene	mg/l	0.0500	0.0534	107	80 - 132	6677
Trichloroethene	mg/l	0.0500	0.0611	122	80 - 132	6662
1,2,3-Trichloropropane	mg/l	0.0500	0.0458	92	54 - 144	6677
1,2,3-Trichloropropane	mg/l	0.0500	0.0492	98	54 - 144	6662
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0465	93	74 - 130	6677
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0497	99	74 - 130	6662
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0476	95	77 - 131	6677
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0507	101	77 - 131	6662
Vinyl chloride	mg/l	0.0500	0.0501	100	69 - 139	6677
Vinyl chloride	mg/l	0.0500	0.0531	106	69 - 139	6662
Xylenes (Total)	mg/l	0.150	0.145	97	78 - 127	6677
Xylenes (Total)	mg/l	0.150	0.156	104	78 - 127	6662
Bromodichloromethane	mg/l	0.0500	0.0466	93	67 - 135	6677
Bromodichloromethane	mg/l	0.0500	0.0508	102	67 - 135	6662
Trichlorofluoromethane	mg/l	0.0500	0.0518	104	64 - 143	6677
Trichlorofluoromethane	mg/l	0.0500	0.0575	115	64 - 143	6662
VOA Surr 1,2-DCA-d4	% Rec			92	71 - 128	6677
VOA Surr 1,2-DCA-d4	% Rec			93	71 - 128	6662
VOA Surr Toluene-d8	% Rec			98	77 - 119	6677
VOA Surr Toluene-d8	% Rec			97	77 - 119	6662
VOA Surr, 4-BFB	% Rec			93	79 - 123	6677
VOA Surr, 4-BFB	% Rec			93	79 - 123	6662
VOA Surr, DBFM	% Rec			91	78 - 124	6677

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA Surr, DBFM	% Rec			103	78 - 124	6662
EXTRACTABLE PARAMETERS						
Acenaphthene	mg/l	0.00100	0.00119	119	46 - 125	6140
Acenaphthylene	mg/l	0.00100	0.00108	108	41 - 116	6140
Anthracene	mg/l	0.00100	0.00128	128 #	52 - 123	6140
Benzo(a)anthracene	mg/l	0.00100	0.00142	142 #	51 - 137	6140
Benzo(a)pyrene	mg/l	0.00100	0.00128	128	37 - 129	6140
Benzo(b)fluoranthene	mg/l	0.00100	0.00145	145	42 - 145	6140
Benzo(g,h,i)perylene	mg/l	0.00100	0.00106	106	37 - 142	6140
Benzo(k)fluoranthene	mg/l	0.00100	0.00137	137	51 - 157	6140
Chrysene	mg/l	0.00100	0.00112	112	60 - 142	6140
Dibenz(a,h)anthracene	mg/l	0.00100	0.00136	136	30 - 137	6140
Fluoranthene	mg/l	0.00100	0.00144	144 #	51 - 139	6140
Fluorene	mg/l	0.00100	0.00127	127 #	47 - 126	6140
Indeno(1,2,3-cd)pyrene	mg/l	0.00100	0.00126	126	37 - 135	6140
2-Methylnaphthalene	mg/l	0.00100	0.00072	72	29 - 119	6140
Naphthalene	mg/l	0.00100	0.00117	117	37 - 127	6140
Phenanthrene	mg/l	0.00100	0.00136	136	52 - 141	6140
Pyrene	mg/l	0.00100	0.00147	147	47 - 152	6140
1-Methylnaphthalene	mg/l	0.00100	0.00069	69	29 - 129	6140
BNA Surr-Nitrobenzene-d5	% Rec			114	25 - 121	6140
BNA Surr-2-Fluorobiphenyl	% Rec			99	33 - 111	6140
BNA Surr-Terphenyl-d14	% Rec			159	11 - 139	6140
METALS						
Lead	mg/l	0.0500	0.0530	106	80 - 120	141

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Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
TRPH	< 0.100	mg/l	1457	3/25/04	2:13
TPH Surr., O-Terphenyl	101.	% Recovery	1457	3/25/04	2:13
TPH Surr, C-35	85.	% Recovery	1457	3/25/04	2:13
VOA PARAMETERS					
Acetone	< 0.00470	mg/l	6677	3/27/04	18:53
Acetone	< 0.00470	mg/l	6662	3/28/04	7:34
Benzene	< 0.0005	mg/l	6677	3/27/04	18:53
Benzene	< 0.0005	mg/l	6662	3/28/04	7:34
Bromobenzene	< 0.00030	mg/l	6677	3/27/04	18:53
Bromobenzene	< 0.00030	mg/l	6662	3/28/04	7:34
Bromochloromethane	< 0.00030	mg/l	6677	3/27/04	18:53
Bromochloromethane	< 0.00030	mg/l	6662	3/28/04	7:34
Bromoform	< 0.00060	mg/l	6677	3/27/04	18:53
Bromoform	< 0.00060	mg/l	6662	3/28/04	7:34
Bromomethane	< 0.00060	mg/l	6677	3/27/04	18:53
Bromomethane	< 0.00060	mg/l	6662	3/28/04	7:34
2-Butanone	< 0.00310	mg/l	6677	3/27/04	18:53
2-Butanone	< 0.00310	mg/l	6662	3/28/04	7:34
n-Butylbenzene	< 0.00010	mg/l	6677	3/27/04	18:53

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800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 04-41001
Project Name: NAS CECIL FIELD
Page: 10
Laboratory Receipt Date: 3/22/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
n-Butylbenzene	< 0.00010	mg/l	6662	3/28/04	7:34
sec-Butylbenzene	< 0.00030	mg/l	6677	3/27/04	18:53
sec-Butylbenzene	< 0.00030	mg/l	6662	3/28/04	7:34
tert-Butylbenzene	< 0.00030	mg/l	6677	3/27/04	18:53
tert-Butylbenzene	< 0.00030	mg/l	6662	3/28/04	7:34
Carbon disulfide	< 0.00020	mg/l	6677	3/27/04	18:53
Carbon disulfide	< 0.00020	mg/l	6662	3/28/04	7:34
Carbon tetrachloride	< 0.00040	mg/l	6677	3/27/04	18:53
Carbon tetrachloride	< 0.00040	mg/l	6662	3/28/04	7:34
Chlorobenzene	< 0.00020	mg/l	6677	3/27/04	18:53
Chlorobenzene	< 0.00020	mg/l	6662	3/28/04	7:34
Chloroethane	< 0.00100	mg/l	6677	3/27/04	18:53
Chloroethane	< 0.00100	mg/l	6662	3/28/04	7:34
Chloroform	< 0.00080	mg/l	6677	3/27/04	18:53
Chloroform	< 0.00080	mg/l	6662	3/28/04	7:34
Chloromethane	< 0.00070	mg/l	6677	3/27/04	18:53
Chloromethane	< 0.00070	mg/l	6662	3/28/04	7:34
2-Chlorotoluene	< 0.00040	mg/l	6677	3/27/04	18:53
2-Chlorotoluene	< 0.00040	mg/l	6662	3/28/04	7:34
4-Chlorotoluene	< 0.00050	mg/l	6677	3/27/04	18:53
4-Chlorotoluene	< 0.00050	mg/l	6662	3/28/04	7:34
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	6677	3/27/04	18:53
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	6662	3/28/04	7:34
Dibromochloromethane	< 0.00050	mg/l	6677	3/27/04	18:53
Dibromochloromethane	< 0.00050	mg/l	6662	3/28/04	7:34
1,2-Dibromoethane	< 0.00040	mg/l	6677	3/27/04	18:53
1,2-Dibromoethane	< 0.00040	mg/l	6662	3/28/04	7:34
Dibromomethane	< 0.00090	mg/l	6677	3/27/04	18:53
Dibromomethane	< 0.00090	mg/l	6662	3/28/04	7:34
1,2-Dichlorobenzene	< 0.00020	mg/l	6677	3/27/04	18:53
1,2-Dichlorobenzene	< 0.00020	mg/l	6662	3/28/04	7:34

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 04-41001
Project Name: NAS CECIL FIELD
Page: 11
Laboratory Receipt Date: 3/22/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,3-Dichlorobenzene	< 0.00030	mg/l	6677	3/27/04	18:53
1,3-Dichlorobenzene	< 0.00030	mg/l	6662	3/28/04	7:34
1,4-Dichlorobenzene	< 0.00040	mg/l	6677	3/27/04	18:53
1,4-Dichlorobenzene	< 0.00040	mg/l	6662	3/28/04	7:34
Dichlorodifluoromethane	< 0.00050	mg/l	6677	3/27/04	18:53
Dichlorodifluoromethane	< 0.00050	mg/l	6662	3/28/04	7:34
1,1-Dichloroethane	< 0.00020	mg/l	6677	3/27/04	18:53
1,1-Dichloroethane	< 0.00020	mg/l	6662	3/28/04	7:34
1,2-Dichloroethane	< 0.00060	mg/l	6677	3/27/04	18:53
1,2-Dichloroethane	< 0.00060	mg/l	6662	3/28/04	7:34
1,1-Dichloroethene	< 0.00060	mg/l	6677	3/27/04	18:53
1,1-Dichloroethene	< 0.00060	mg/l	6662	3/28/04	7:34
cis-1,2-Dichloroethene	< 0.00060	mg/l	6677	3/27/04	18:53
cis-1,2-Dichloroethene	< 0.00060	mg/l	6662	3/28/04	7:34
trans-1,2-Dichloroethene	< 0.00050	mg/l	6677	3/27/04	18:53
trans-1,2-Dichloroethene	< 0.00050	mg/l	6662	3/28/04	7:34
1,2-Dichloropropane	< 0.00040	mg/l	6677	3/27/04	18:53
1,2-Dichloropropane	< 0.00040	mg/l	6662	3/28/04	7:34
1,3-Dichloropropane	< 0.00040	mg/l	6677	3/27/04	18:53
1,3-Dichloropropane	< 0.00040	mg/l	6662	3/28/04	7:34
2,2-Dichloropropane	< 0.00040	mg/l	6677	3/27/04	18:53
2,2-Dichloropropane	< 0.00040	mg/l	6662	3/28/04	7:34
1,1-Dichloropropene	< 0.00050	mg/l	6677	3/27/04	18:53
1,1-Dichloropropene	< 0.00050	mg/l	6662	3/28/04	7:34
cis-1,3-Dichloropropene	< 0.00030	mg/l	6677	3/27/04	18:53
cis-1,3-Dichloropropene	< 0.00030	mg/l	6662	3/28/04	7:34
trans-1,3-Dichloropropene	< 0.00050	mg/l	6677	3/27/04	18:53
trans-1,3-Dichloropropene	< 0.00050	mg/l	6662	3/28/04	7:34
Ethylbenzene	< 0.0003	mg/l	6677	3/27/04	18:53
Ethylbenzene	< 0.0003	mg/l	6662	3/28/04	7:34
Hexachlorobutadiene	< 0.00080	mg/l	6677	3/27/04	18:53

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 04-41001
Project Name: NAS CECIL FIELD
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Laboratory Receipt Date: 3/22/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Hexachlorobutadiene	< 0.00080	mg/l	6662	3/28/04	7:34
2-Hexanone	< 0.00420	mg/l	6677	3/27/04	18:53
2-Hexanone	< 0.00420	mg/l	6662	3/28/04	7:34
Isopropylbenzene	< 0.00040	mg/l	6677	3/27/04	18:53
Isopropylbenzene	< 0.00040	mg/l	6662	3/28/04	7:34
p-Isopropyltoluene	< 0.00060	mg/l	6677	3/27/04	18:53
p-Isopropyltoluene	< 0.00060	mg/l	6662	3/28/04	7:34
4-Methyl-2-pentanone	< 0.00490	mg/l	6677	3/27/04	18:53
4-Methyl-2-pentanone	< 0.00490	mg/l	6662	3/28/04	7:34
Methylene chloride	< 0.00240	mg/l	6677	3/27/04	18:53
Methylene chloride	< 0.00240	mg/l	6662	3/28/04	7:34
Naphthalene	< 0.00120	mg/l	6677	3/27/04	18:53
Naphthalene	< 0.00120	mg/l	6662	3/28/04	7:34
n-Propylbenzene	< 0.00030	mg/l	6677	3/27/04	18:53
n-Propylbenzene	< 0.00030	mg/l	6662	3/28/04	7:34
Styrene	< 0.00040	mg/l	6677	3/27/04	18:53
Styrene	< 0.00040	mg/l	6662	3/28/04	7:34
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	6677	3/27/04	18:53
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	6662	3/28/04	7:34
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	6677	3/27/04	18:53
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	6662	3/28/04	7:34
Tetrachloroethene	< 0.00040	mg/l	6677	3/27/04	18:53
Tetrachloroethene	< 0.00040	mg/l	6662	3/28/04	7:34
Toluene	< 0.0006	mg/l	6677	3/27/04	18:53
Toluene	< 0.0006	mg/l	6662	3/28/04	7:34
1,2,3-Trichlorobenzene	< 0.00100	mg/l	6677	3/27/04	18:53
1,2,3-Trichlorobenzene	< 0.00100	mg/l	6662	3/28/04	7:34
1,2,4-Trichlorobenzene	< 0.00060	mg/l	6677	3/27/04	18:53
1,2,4-Trichlorobenzene	< 0.00060	mg/l	6662	3/28/04	7:34
1,1,1-Trichloroethane	< 0.00070	mg/l	6677	3/27/04	18:53
1,1,1-Trichloroethane	< 0.00070	mg/l	6662	3/28/04	7:34

Project QC continued . . .

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,1,2-Trichloroethane	< 0.00040	mg/l	6677	3/27/04	18:53
1,1,2-Trichloroethane	< 0.00040	mg/l	6662	3/28/04	7:34
Trichloroethene	< 0.00040	mg/l	6677	3/27/04	18:53
Trichloroethene	< 0.00040	mg/l	6662	3/28/04	7:34
1,2,3-Trichloropropane	< 0.00060	mg/l	6677	3/27/04	18:53
1,2,3-Trichloropropane	< 0.00060	mg/l	6662	3/28/04	7:34
1,2,4-Trimethylbenzene	< 0.0003	mg/l	6677	3/27/04	18:53
1,2,4-Trimethylbenzene	< 0.0003	mg/l	6662	3/28/04	7:34
1,3,5-Trimethylbenzene	< 0.00100	mg/l	6677	3/27/04	18:53
1,3,5-Trimethylbenzene	< 0.00100	mg/l	6662	3/28/04	7:34
Vinyl chloride	< 0.00050	mg/l	6677	3/27/04	18:53
Vinyl chloride	< 0.00050	mg/l	6662	3/28/04	7:34
Xylenes (Total)	< 0.0009	mg/l	6677	3/27/04	18:53
Xylenes (Total)	< 0.0009	mg/l	6662	3/28/04	7:34
Bromodichloromethane	< 0.00030	mg/l	6677	3/27/04	18:53
Bromodichloromethane	< 0.00030	mg/l	6662	3/28/04	7:34
Trichlorofluoromethane	< 0.00040	mg/l	6677	3/27/04	18:53
Trichlorofluoromethane	< 0.00040	mg/l	6662	3/28/04	7:34
VOA Surr 1,2-DCA-d4	91.	% Rec	6677	3/27/04	18:53
VOA Surr 1,2-DCA-d4	95.	% Rec	6662	3/28/04	7:34
VOA Surr Toluene-d8	98.	% Rec	6677	3/27/04	18:53
VOA Surr Toluene-d8	97.	% Rec	6662	3/28/04	7:34
VOA Surr, 4-BFB	93.	% Rec	6677	3/27/04	18:53
VOA Surr, 4-BFB	92.	% Rec	6662	3/28/04	7:34
VOA Surr, DBFM	94.	% Rec	6677	3/27/04	18:53
VOA Surr, DBFM	94.	% Rec	6662	3/28/04	7:34

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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EXTRACTABLE PARAMETERS					
Acenaphthene	< 0.00010	mg/l	6140	3/31/04	0:21
Acenaphthylene	< 0.00010	mg/l	6140	3/31/04	0:21
Anthracene	< 0.00010	mg/l	6140	3/31/04	0:21
Benzo(a)anthracene	< 0.00010	mg/l	6140	3/31/04	0:21
Benzo(a)pyrene	< 0.00010	mg/l	6140	3/31/04	0:21
Benzo(b)fluoranthene	< 0.00010	mg/l	6140	3/31/04	0:21
Benzo(g,h,i)perylene	< 0.00010	mg/l	6140	3/31/04	0:21
Benzo(k)fluoranthene	< 0.00010	mg/l	6140	3/31/04	0:21
Chrysene	< 0.00010	mg/l	6140	3/31/04	0:21
Dibenz(a,h)anthracene	< 0.00010	mg/l	6140	3/31/04	0:21
Fluoranthene	< 0.00010	mg/l	6140	3/31/04	0:21
Fluorene	< 0.00010	mg/l	6140	3/31/04	0:21
Indeno(1,2,3-cd)pyrene	< 0.00010	mg/l	6140	3/31/04	0:21
2-Methylnaphthalene	< 0.00010	mg/l	6140	3/31/04	0:21
Naphthalene	< 0.00010	mg/l	6140	3/31/04	0:21
Phenanthrene	< 0.00010	mg/l	6140	3/31/04	0:21
Pyrene	< 0.00010	mg/l	6140	3/31/04	0:21
1-Methylnaphthalene	< 0.00010	mg/l	6140	3/31/04	0:21
BNA Surr-Nitrobenzene-d5	121.	% Rec	6140	3/31/04	0:21
BNA Surr-2-Fluorobiphenyl	68.	% Rec	6140	3/31/04	0:21
BNA Surr-Terphenyl-d14	90.	% Rec	6140	3/31/04	0:21
METALS					
Lead	< 0.0029	mg/l	141	3/23/04	18:17

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 368576

Appendix B

March 2004
Groundwater Sampling Logs

GROUNDWATER SAMPLING LOG

TERRAINE
Environmental Consulting

Project Information

Project No: 04-41001/4	Project Name: 103rd Street - Cecil Field LTM/RAO	
Technician 1:	Technician 2: Larry Wolski	Weather: Cool
Sampling ID: 04-41001/4:CEF-103-SMW-03:3/19/04		
Notes:		

Well Information

Well ID: **CEF-103-SMW-03**	Sampling Date: **3/19/2004**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 82.03	Northing: 0	Easting: 0
Static Depth to Water (ft): 4.68	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Nomad Submersible	Tubing Material: PPE		Pump Set at (ft): 7.00
pH Meter: Accumet	Cond. Meter: YSI-33	DO Meter: YSI-51B	Turb. Meter: Hach 2100P
Purge Start: 07:50	Purge End: 08:08	Total Volume Purged (gal): 1.50	

Purging Data

Time	Water Level (ft)	Vol Purged (gal)	Pump Rate (gal/min)	DO (mg/L)	Temp (°C)	SEC (µS/cm)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
08:02	6.75	1.30	0.00	2.30	20.30	698.0	7.11	0.0	29.00	clear	none
08:04	6.96	1.40	0.00	2.20	20.40	699.0	7.10	0.0	27.00		
08:08	6.41	1.50	0.02	2.10	20.40	701.0	7.08	0.0	26.00		

Sampling Data

Sample Information

Sample Date:	3/19/2004
Sample Start Time:	08:08
Sample End Time:	08:38
Field Filtered:	☐
Duplicate:	☐

Final Purge Readings

DO (mg/L):	2.00
Temp (*C):	20.30
SEC (uS/cm):	699.00
pH:	7.08
ORP (mV):	0.00
Turb (NTU):	25.00

Field Test Kit Readings (mg/L)

DO:	0.00	Sulfate:	0.00
CO2:	0.00	Sulfide:	0.00
Alkalinity:	0.00		
Ferrous Iron:	0.00		
H2S:	0.00		
Manganese:	0.00		

Lab Analyses/Methods:

"VOCs, TRPH, PAHs, Lead"

Technician Initials

GROUNDWATER SAMPLING LOG

TERRAINE
Environmental Consulting

Project Information

Project No: 04-41001/4	Project Name: 103rd Street - Cecil Field LTM/RAO	
Technician 1:	Technician 2: Larry Wolski	Weather: Sunny
Sampling ID: 04-41001/4:CEF-103-SMW-04:3/19/04		
Notes:		

Well Information

Well ID: **CEF-103-SMW-04**	Sampling Date: **3/19/2004**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 82.23	Northing: 0	Easting: 0
Static Depth to Water (ft): 5.78	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Nomad Submersible	Tubing Material: PPE		Pump Set at (ft): 8.00
pH Meter: Accumet	Cond. Meter: YSI-33	DO Meter: YSI-51B	Turb. Meter: Hach 2100P
Purge Start: 10:08	Purge End: 10:17	Total Volume Purged (gal): 1.40	

Purging Data

Time	Water Level (ft)	Vol Purged (gal)	Pump Rate (gal/min)	DO (mg/L)	Temp (°C)	SEC (µS/cm)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
10:11	7.36	1.20	0.00	6.60	19.20	221.7	7.39	0.0	6.00	clear	slight HC
10:14	7.39	1.30	0.00	6.40	19.30	221.7	7.45	0.0	6.00		
10:17	7.39	1.40	0.05	6.40	19.40	221.7	7.50	0.0	7.00		

Sampling Data

Sample Information

Sample Date:	3/19/2004
Sample Start Time:	10:17
Sample End Time:	10:51
Field Filtered:	☐
Duplicate:	☐

Final Purge Readings

DO (mg/L):	6.20
Temp (*C):	19.40
SEC (uS/cm):	221.80
pH:	7.52
ORP (mV):	0.00
Turb (NTU):	6.00

Field Test Kit Readings (mg/L)

DO:	0.00	Sulfate:	0.00
CO2:	0.00	Sulfide:	0.00
Alkalinity:	0.00		
Ferrous Iron:	0.00		
H2S:	0.00		
Manganese:	0.00		

Lab Analyses/Methods:

"VOCs, TRPH, PAHs, Lead"

Technician Initials

GROUNDWATER SAMPLING LOG

TERRAINE Environmental Consulting

Project Information

Project No: 04-41001/4	Project Name: 103rd Street - Cecil Field LTM/RAO	
Technician 1:	Technician 2: Larry Wolski	Weather: Sunny
Sampling ID: 04-41001/4:CEF-103-SMW-05:3/19/04		
Notes:		

Well Information

Well ID: **CEF-103-SMW-05**	Sampling Date: **3/19/2004**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 82.37	Northing: 0	Easting: 0
Static Depth to Water (ft): 4.90	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Nomad Submersible	Tubing Material: PPE		Pump Set at (ft): 7.00
pH Meter: Accumet	Cond. Meter: YSI-33	DO Meter: YSI-51B	Turb. Meter: Hach 2100P
Purge Start: 08:42	Purge End: 09:17	Total Volume Purged (gal): 1.60	

Purging Data

Time	Water Level (ft)	Vol Purged (gal)	Pump Rate (gal/min)	DO (mg/L)	Temp (°C)	SEC (µS/cm)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
09:12	6.19	1.40	0.00	0.70	20.50	693.0	7.36	0.0	4.00	clear	none
09:15	6.26	1.50	0.00	0.70	20.50	722.0	7.36	0.0	3.00		
09:17	6.38	1.60	0.05	0.70	20.50	738.0	7.35	0.0	2.00		

Sampling Data

Sample Information

Sample Date:	3/19/2004
Sample Start Time:	09:17
Sample End Time:	09:45
Field Filtered:	☐
Duplicate:	☐

Final Purge Readings

DO (mg/L):	0.70
Temp (*C):	20.50
SEC (uS/cm):	740.00
pH:	7.35
ORP (mV):	0.00
Turb (NTU):	2.00

Field Test Kit Readings (mg/L)

DO:	0.00	Sulfate:	0.00
CO2:	0.00	Sulfide:	0.00
Alkalinity:	0.00		
Ferrous Iron:	0.00		
H2S:	0.00		
Manganese:	0.00		

Lab Analyses/Methods:

"VOCs, TRPH, PAHs, Lead"

Technician Initials

GROUNDWATER SAMPLING LOG

TERRAINE
Environmental Consulting

Project Information

Project No: 04-41001/4	Project Name: 103rd Street - Cecil Field LTM/RAO	
Technician 1: Karen Baer	Technician 2:	Weather: Sunny
Sampling ID: 04-41001/4:CEF-103-SMW-06:3/19/04		
Notes:		

Well Information

Well ID: **CEF-103-SMW-06**	Sampling Date: **3/19/2004**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 77.33	Northing: 0	Easting: 0
Static Depth to Water (ft): 1.22	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Peristaltic	Tubing Material: PPE		Pump Set at (ft): 4.00
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 10:40	Purge End: 10:54	Total Volume Purged (gal): 0.50	

Purging Data

Time	Water Level (ft)	Vol Purged (gal)	Pump Rate (gal/min)	DO (mg/L)	Temp (°C)	SEC (µS/cm)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
10:48	1.72	0.20	0.00	0.00	20.76	999.0	6.31	97.0	28.00	clear	none
10:52	1.72	0.40	0.00	0.00	20.89	999.0	6.33	88.0	26.20		
10:54	1.72	0.50	0.05	0.00	21.09	999.0	6.38	90.0	21.20		

Sampling Data

Sample Information

Sample Date:	3/19/2004
Sample Start Time:	10:54
Sample End Time:	11:15
Field Filtered:	☐
Duplicate:	☐

Final Purge Readings

DO (mg/L):	0.00
Temp (*C):	21.13
SEC (uS/cm):	999.00
pH:	6.35
ORP (mV):	88.00
Turb (NTU):	19.00

Field Test Kit Readings (mg/L)

DO:	0.00	Sulfate:	0.00
CO2:	0.00	Sulfide:	0.00
Alkalinity:	0.00		
Ferrous Iron:	0.00		
H2S:	0.00		
Manganese:	0.00		

Lab Analyses/Methods:

"VOCs, TRPH, PAHs, Lead"

Technician Initials

GROUNDWATER SAMPLING LOG

TERRAINE Environmental Consulting

Project Information

Project No: 04-41001/4	Project Name: 103rd Street - Cecil Field LTM/RAO	
Technician 1: Karen Baer	Technician 2:	Weather: Sunny
Sampling ID: 04-41001/4:CEF-103-SMW-07:3/19/04		
Notes:		

Well Information

Well ID: **CEF-103-SMW-07**	Sampling Date: **3/19/2004**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 79.35	Northing: 0	Easting: 0
Static Depth to Water (ft): 3.00	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Peristaltic	Tubing Material: PPE		Pump Set at (ft): 5.00
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 07:20	Purge End: 07:43	Total Volume Purged (gal): 0.80	

Purging Data

Time	Water Level (ft)	Vol Purged (gal)	Pump Rate (gal/min)	DO (mg/L)	Temp (°C)	SEC (µS/cm)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
07:29	4.20	0.30	0.00	0.00	17.45	999.0	6.05	-17.0	81.20	yellow	none
07:32	4.10	0.40	0.05	0.00	17.40	999.0	6.15	-31.0	72.10		
07:34	4.10	0.50	0.05	0.00	17.43	990.0	6.32	-37.0	51.00		
07:38	4.05	0.60	0.00	0.00	17.45	999.0	6.34	-45.0	33.40		
07:40	4.04	0.80	0.00	0.00	17.46	999.0	6.38	-48.0	23.20		

Sampling Data

Sample Information		Final Purge Readings		Field Test Kit Readings (mg/L)			
Sample Date:	3/19/2004	DO (mg/L):	0.00	DO:	0.00	Sulfate:	0.00
Sample Start Time:	07:43	Temp (*C):	17.47	CO2:	0.00	Sulfide:	0.00
Sample End Time:	08:00	SEC (uS/cm):	999.00	Alkalinity:	0.00		
Field Filtered:	☐	pH:	6.34	Ferrous Iron:	0.00		
Duplicate:	☐	ORP (mV):	-50.00	H2S:	0.00		
		Turb (NTU):	17.20	Manganese:	0.00		

Lab Analyses/Methods:	Technician Initials
"VOCs, TRPH, PAHs, Lead"	

GROUNDWATER SAMPLING LOG

TERRAINE
Environmental Consulting

Project Information

Project No: 04-41001/4	Project Name: 103rd Street - Cecil Field LTM/RAO	
Technician 1: Karen Baer	Technician 2:	Weather: Sunny
Sampling ID: 04-41001/4:CEF-103-SMW-08:3/19/04		
Notes:		

Well Information

Well ID: **CEF-103-SMW-08**	Sampling Date: **3/19/2004**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 79.55	Northing: 0	Easting: 0
Static Depth to Water (ft): 3.03	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Peristaltic	Tubing Material: PPE		Pump Set at (ft): 5.00
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 08:50	Purge End: 09:22	Total Volume Purged (gal): 1.10	

Purging Data

Time	Water Level (ft)	Vol Purged (gal)	Pump Rate (gal/min)	DO (mg/L)	Temp (°C)	SEC (µS/cm)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
08:59	3.50	0.20	0.00	0.00	18.38	999.0	6.56	-34.0	296.00	orange	none
09:02	3.60	0.30	0.05	0.00	18.72	999.0	6.60	-39.0	245.00		
09:03	3.68	0.40	0.00	0.00	18.91	999.0	6.67	-42.0	189.00		
09:06	3.70	0.50	0.05	0.00	18.96	999.0	6.59	-48.0	151.00		
09:07	3.75	0.60	0.10	0.00	19.09	999.0	6.59	-45.0	134.00		
09:15	3.81	0.90	0.00	0.00	19.74	999.0	6.64	-47.0	89.00		
09:20	3.85	1.00	0.00	0.00	20.04	999.0	6.65	-49.0	71.20		
09:22	3.85	1.10	0.10	0.00	20.14	999.0	6.60	-45.0	66.90		

Sampling Data

Sample Information		Final Purge Readings		Field Test Kit Readings (mg/L)			
Sample Date:	3/19/2004	DO (mg/L):	0.00	DO:	0.00	Sulfate:	0.00
Sample Start Time:	09:22	Temp (*C):	20.18	CO2:	0.00	Sulfide:	0.00
Sample End Time:	10:30	SEC (uS/cm):	999.00	Alkalinity:	0.00		
Field Filtered:	☐	pH:	6.65	Ferrous Iron:	0.00		
Duplicate:	☐	ORP (mV):	-50.00	H2S:	0.00		
		Turb (NTU):	61.80	Manganese:	0.00		

Lab Analyses/Methods:	Technician Initials
"VOCs, TRPH, PAHs, Lead"	

GROUNDWATER SAMPLING LOG

TERRAINE
Environmental Consulting

Project Information

Project No: 04-41001/4	Project Name: 103rd Street - Cecil Field LTM/RAO	
Technician 1:	Technician 2:	Weather: Sunny
Sampling ID: 04-41001/4:CEF-103-SMW-09:3/19/04		
Notes:		

Well Information

Well ID: **CEF-103-SMW-09**	Sampling Date: **3/19/2004**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 79.67	Northing: 0	Easting: 0
Static Depth to Water (ft): 3.72	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Peristaltic	Tubing Material: PPE		Pump Set at (ft): 7.00
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 11:20	Purge End: 11:58	Total Volume Purged (gal): 1.70	

Purging Data

Time	Water Level (ft)	Vol Purged (gal)	Pump Rate (gal/min)	DO (mg/L)	Temp (°C)	SEC (µS/cm)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
11:50	4.82	1.50	0.00	0.00	21.66	999.0	6.52	-8.0	8.17	clear	none
11:55	4.75	1.60	0.00	0.00	22.20	999.0	6.46	2.0	4.34		
11:58	4.72	1.70	0.03	0.00	22.48	999.0	6.48	10.0	3.72		

Sampling Data

Sample Information

Sample Date:	3/19/2004
Sample Start Time:	11:58
Sample End Time:	12:20
Field Filtered:	☐
Duplicate:	☐

Final Purge Readings

DO (mg/L):	0.00
Temp (*C):	22.66
SEC (uS/cm):	999.00
pH:	6.47
ORP (mV):	13.00
Turb (NTU):	3.03

Field Test Kit Readings (mg/L)

DO:	0.00	Sulfate:	0.00
CO2:	0.00	Sulfide:	0.00
Alkalinity:	0.00		
Ferrous Iron:	0.00		
H2S:	0.00		
Manganese:	0.00		

Lab Analyses/Methods:

"VOCs, TRPH, PAHs, Lead"

Technician Initials

GROUNDWATER SAMPLING LOG

TERRAINE
Environmental Consulting

Project Information

Project No: 04-41001/4	Project Name: 103rd Street - Cecil Field LTM/RAO	
Technician 1:	Technician 2: Larry Wolski	Weather: Sunny
Sampling ID: 04-41001/4:CEF-103-SMW-11:3/19/04		
Notes:		

Well Information

Well ID: **CEF-103-SMW-11**	Sampling Date: **3/19/2004**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 82.48	Northing: 0	Easting: 0
Static Depth to Water (ft): 6.16	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Nomad Submersible	Tubing Material: PPE		Pump Set at (ft): 8.50
pH Meter: Accumet	Cond. Meter: YSI-33	DO Meter: YSI-51B	Turb. Meter: Hach 2100P
Purge Start: 10:50	Purge End: 11:29	Total Volume Purged (gal): 3.00	

Purging Data

Time	Water Level (ft)	Vol Purged (gal)	Pump Rate (gal/min)	DO (mg/L)	Temp (°C)	SEC (µS/cm)	pH	ORP (mV)	Turbidity (NTU)	Color	Odor
11:16	7.18	1.70	0.00	0.90	21.40	627.0	6.72	0.0	176.00	turbid	organic
11:19	7.14	2.00	0.00	0.90	21.50	627.0	6.72	0.0	126.00		
11:22	7.18	2.25	0.08	0.90	21.40	628.0	6.70	0.0	107.00		
11:24	7.20	2.50	0.12	0.90	21.30	629.0	6.73	0.0	82.00		
11:27	7.11	2.75	0.12	0.80	21.40	630.0	6.72	0.0	69.00		
11:29	7.15	3.00	0.12	0.80	21.30	634.0	6.73	0.0	69.00		

Sampling Data

Sample Information

Sample Date:	3/19/2004
Sample Start Time:	11:29
Sample End Time:	11:46
Field Filtered:	☐
Duplicate:	☐

Final Purge Readings

DO (mg/L):	0.90
Temp (*C):	21.30
SEC (uS/cm):	635.00
pH:	6.71
ORP (mV):	0.00
Turb (NTU):	69.00

Field Test Kit Readings (mg/L)

DO:	0.00	Sulfate:	0.00
CO2:	0.00	Sulfide:	0.00
Alkalinity:	0.00		
Ferrous Iron:	0.00		
H2S:	0.00		
Manganese:	0.00		

Lab Analyses/Methods:

"VOCs, TRPH, PAHs, Lead"

Technician Initials