N60200.AR.003822
NAS CECIL FIELD, FL
5090.3a

FOURTH QUARTER 2003 OPERATION AND MAINTENANCE STATUS REPORT FOR BIOSPARGING AND SOIL VAPOR EXTRACTION SYSTEM AT DAY TANK 1 SITE NAS CECIL FIELD FL

2/1/2004

TERRAINE INC ENVIRONMENTAL SERVICES

TERRAINE Environmental Consulting

7380 Phillips Highway, Suite 106,
Jacksonville, FL 32256
P: 904-296-6001 • F: 305-513-4902
www.Terraine.com

FOURTH QUARTER 2003
Operation and Maintenance Status Report
October 1, 2003 – December 31, 2003

BIOSPARGING AND SOIL VAPOR EXTRACTION SYSTEM
DAY TANK 1 SITE

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

Naval Air Station Cecil Field
Jacksonville, Florida

Submitted to:

U.S. Naval Facilities Engineering Command Southern Division

Prepared by:

Terraine, Inc.
7380 Phillips Highway . Suite 106 . Jacksonville, Florida . 32256

February 2004

Contents

Signature Page ..... **ii**
Acronyms ..... **iii**
1.0 Introduction **1-1**
1.1 Objective 1-1
1.2 Site History 1-1
1.3 Remediation System/Technology Description 1-2
2.0 System Performance Monitoring **2-1**
2.1 Operational Efficiencies 2-1
2.1.1 Biosparging System 2-1
2.1.2 Vapor Collection System 2-1
2.2 Summary of Maintenance and System Downtime 2-1
2.3 Pressure/Flow Rate Monitoring 2-1
2.3.1 Air Sparge System 2-1
2.3.2 Vapor Extraction System 2-2
2.4 Groundwater Level Measurements 2-2
3.0 Summary of Sampling and Laboratory Analytical Results **3-1**
3.1 Vapor Monitoring 3-1
3.2 Groundwater Monitoring 3-1
4.0 Conclusions and Recommendations **4-1**
5.0 References **5-1**

Tables

2-1 Biosparge Wellhead Pressure/Flow Measurements 2-3
2-2 Vapor Collection System Wellhead Vacuum/Flow Measurements 2-19
2-3 Depth-to-Groundwater/LNAPL Measurements 2-27
3-1 Pre-Treatment Vapor Analytical Results 3-2
3-2 Post-Treatment Vapor Analytical Results 3-3
3-3 Pounds-per-Day Loading/Emissions Rates 3-4
3-4 Groundwater Analytical Results 3-5
3-5 Groundwater Field Analytical Results 3-9

Figures

1-1 Bioventing and Biosparging System Site Map 1-3

Appendices

A Laboratory Analytical Reports for Groundwater Samples
B 4th Quarter 2003 Groundwater Sampling Logs

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.

Acronyms

ABB-ES	ABB Environmental Services, Inc.
acfh	actual cubic feet per hour
acfm	actual cubic feet per minute
AST	Aboveground Storage Tank
bls	below land surface
CCI	CH2M HILL Constructors, Inc.
CLEAN	Comprehensive Long-Term Environmental Action, Navy
CTO	Contract Task Order
DO	Dissolved Oxygen
EPA	U.S. Environmental Protection Agency
FAC	Florida Administrative Code
GCT	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
PRO	Petroleum Range Organics
psi	pounds per square inch
RAP	Remedial Action Plan
SVOA	Semi-Volatile Organic Aromatics
TERRAINE	Terraine Environmental Services, Inc.
TtNUS	TetraTech NUS, Inc.
VCS	Vapor Collection System
VEW	Vapor Extraction Well
VOA	Volatile Organic Aromatics
VOC	Volatile Organic Compounds

1.0 Introduction

Terraine Environmental Services, Inc. (TERRAINE) has been contracted by the Department of the Navy, Southern Division Naval Facilities Engineering Command (NAVFAC), to provide Operation and Maintenance (O&M) services at Day Tank 1, Naval Air Station (NAS) Cecil Field, Jacksonville, Florida, under **Response Action Contract No. N62467-02-G-0352, Contract Task Order (CTO) No. 0001.** The purpose of this O&M Report is to provide a summary of activities performed at the site during the period of October 1, 2003 to December 31, 2003.

1.1 Objective

The objective of the remedial action at the site of Day Tank 1 is to reduce the concentrations of petroleum-related contaminants in the groundwater and unsaturated soils to target levels specified by Chapter 62-777 Florida Administrative Code (FAC). Biosparging/vapor collection is the technology being utilized to achieve this objective.

1.2 Site History

The Day Tank 1 site is located at the former NAS Cecil Field, approximately 1/8 mile south of the “A” Avenue gate on Jet Road. The site formerly contained a 200,000-gallon aboveground storage tank (AST), piping, and associated equipment to supply jet propellant fuel to the high-speed refuelers located on the flightline. It was reported that numerous spills occurred at the site over the course of the operation of the fuel delivery system (ABB Environmental Services, Inc. [ABB-ES], 1997). ABB-ES completed a contamination assessment for the facility in 1996, which documented the presence of petroleum-contaminated soil and groundwater at the site. A Remedial Action Plan (RAP) was subsequently developed by ABB-ES in 1997 for the excavation of 20,000 tons of petroleum-contaminated soil and the installation of a biosparging/vapor collection remediation system to address the contaminated groundwater at the site. In November 1999, CCI/J.A. Jones Environmental Services (J.A. Jones) removed the AST along with 24,000 tons of contaminated soil under Response Action Contract No. N62467-98-D-0995, CTO No. 0002 (CCI, 2000). The biosparge/vapor collection, and start-up was performed on February 29, 2000. The system was operated and maintained by CCI/J.A. Jones under Response Action Contract No. N62467-98-D-0995, Contract Task Order (CTO) No. 0002 for the first year of operation and then operated and maintained by CCI/J.A. Jones under Response Action Contract No. N62467-98-D-0995, CTO No. 0062. Currently, TERRAINE Environmental Services is operating and maintaining the system under Response Action Contract No. N62467-02-G-0352, CTO No. 0001.

Due to the substantial reduction of contaminant concentrations in wells within the area of influence of the biosparge and soil vapor extraction system, FDEP approved deactivating the remediation system on approximately August 15, 2003. Post-active remediation monitoring in accordance with Chapter 62-770.750, Florida Administrative Code began at this time.

As a part of the post-active remediation monitoring, the following wells are to be sampled quarterly for volatile organic aromatics (VOAs) and semi-volatile organic aromatics (SVOAs) for a period of one year to evaluate rebound: CEF-293-9, VEW-7, VEW-2, VEW-3, VEW-4, VEW-5, and CEF-293-22.

Following construction activities at the Day Tank 1 site during the months of October through December 2003, vapor extraction wells VEW-1 and VEW-2 were destroyed. The wells were reinstalled before the 4th quarter sampling event.

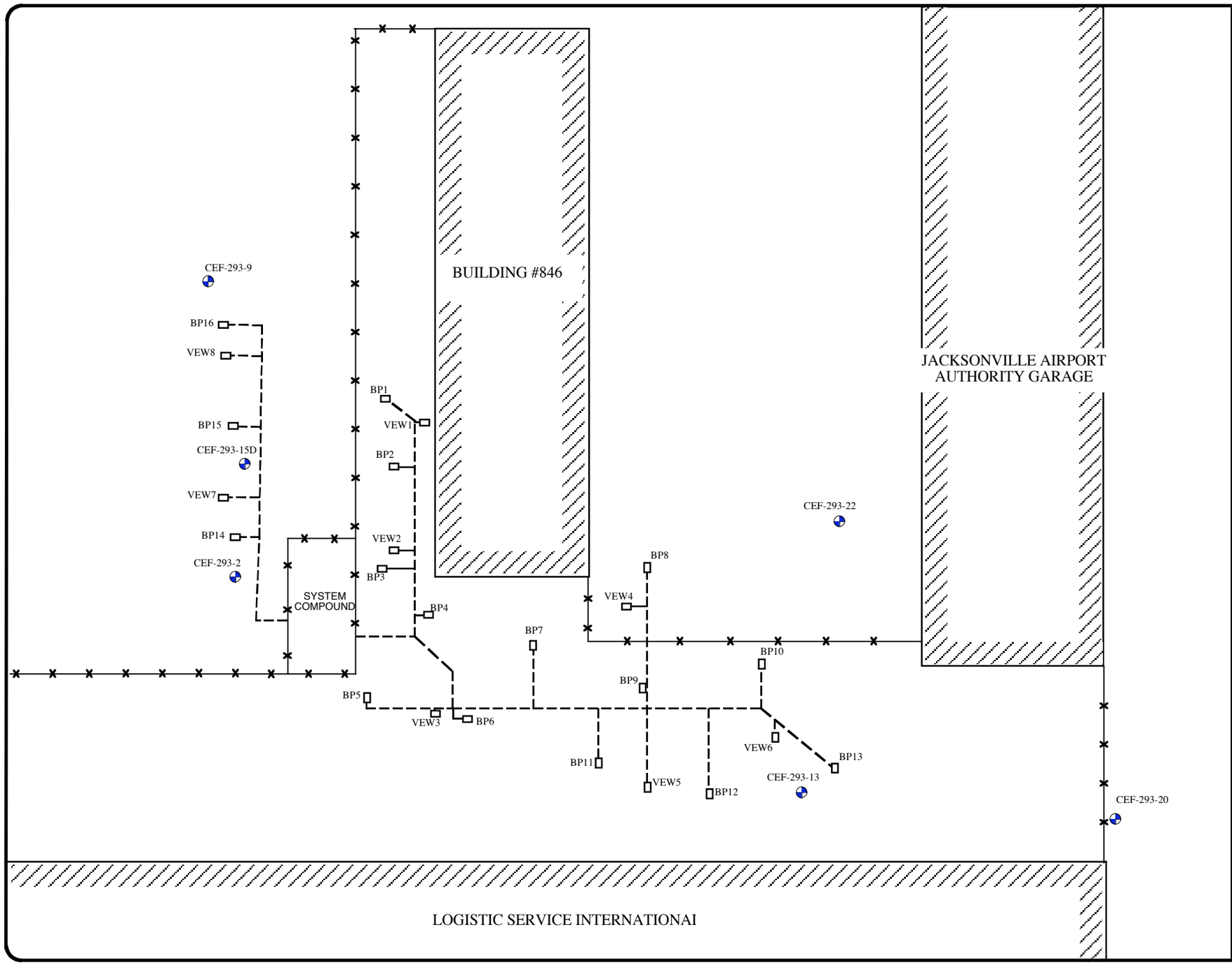
1.3 Remediation System/Technology Description

The chosen Vapor Collection System (VCS) technology utilizes the injection of compressed air into the groundwater to volatilize and promote biodegradation of dissolved organic compounds. The VCS was installed to recover the undissolved portion of the injected air.

The Biosparge System consists of 16 injection wells that are screened from 32 to 35 feet below land surface (bls), a rotary screw-type compressor, a receiver tank, two oil coalescing filters and associated piping and instrumentation. The Biosparge System is designed for each biosparge well to operate at an airflow rate of 60 actual cubic feet per hour (acfh) and at a wellhead pressure of 18 pounds per square inch (psi).

The VCS consists of eight extraction wells that are screened from 3 to 18 feet bls, a regenerative vacuum blower, a moisture separator equipped with a centrifugal transfer pump and storage tank, and associated piping and instrumentation. The VCS was initially equipped with two 1,000-pound granular activated carbon units (installed in series), which were removed after the first 30 days of operation based upon the concentrations of the pre-treatment air stream. The VCS is designed for each vapor extraction well to operate at an airflow rate of 6 actual cubic feet per minute (acfm) and at a vacuum pressure of 23 inches of water (in H_2O).

The locations of the biosparge/vapor extraction wells and the remediation system are shown on **Figure 1-1**.



NOTES

DASHED LINES INDICATE SUBSURFACE FEATURES

LEGEND

- FENCE
- UNDERGROUND LINES
- VAULT COVER
- MONITORING WELL

TERRAINE, Inc.
ENVIRONMENTAL SERVICES

FIGURE 1-1
BIOVENTING AND BIOSPARGING SYSTEM MAP

DAY TANK 1
NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FL

DWN BY: DNH	CHK BY: MJP
SCALE: 1" = 40'	APR BY: JLY
DATE: 12/30/02	FILE:

2.0 System Performance Monitoring

The system was shut down on approximately August 15, 2003 as a result of FDEP approval for system deactivation. Post-active remediation O&M checks were performed on October 21, 2003 and December 9, 2003.

During a post-active remediation O&M check, the system is activated for a period of 15 minutes, a preventative maintenance checklist (based upon manufacturer's recommendations) is completed, and any required maintenance activity is performed.

2.1 Operational Efficiencies

2.1.1 Biosparging System

4th QTR. 2003	Period	To Date
Hours of Possible Operation:	0.5	25,943.5
Hours of Actual Operation:	0.5	*
Percent hours of Operation:	100	*

*Actual hours of operation unknown due to change in subcontractor.

2.1.2 Vapor Collection System

4th QTR. 2003	Period	To Date
Hours of Possible Operation:	0.5	25,943.5
Hours of Actual Operation:	0.5	*
Percent hours of Operation:	100	*

*Actual hours of operation unknown due to change in subcontractor.

2.2 Summary of Maintenance

During the system check on October 21, 2003, a problem was discovered with the control power transformer. The transformer was replaced.

2.3 Pressure/Flow Rate Monitoring

2.3.1 Air Sparge System

As a result of FDEP approval for system deactivation, pressure at each sparge wellhead and airflow rate at each header pipe were not measured during the fourth quarter of 2003. The data from the flow and pressure measurement events from previous quarters are provided in **Table 2-1**. The well head design pressure for the shallow sparge wells is 18psi. The design air injection rate for each sparge well is 60 acfh.

2.3.2 Vapor Extraction System

During the monitoring period of October 1, 2003 to December 31, 2003, vacuum pressure at each vapor extraction wellhead and the airflow rate at each header pipe were not measured as a result of FDEP approval for system deactivation. The data from the flow and vacuum pressure measurement events from previous quarters are provided on **Table 2-2**. The design wellhead vacuum pressure for the vapor extraction wells is 23 inches of water. The design airflow rate for each extraction well is 6 acfm.

2.4 Groundwater Level Measurements

Depth-to-groundwater/Light Non-Aqueous Phase Liquid (LNAPL) measurements were recorded at selected monitoring wells on a quarterly basis during the monitoring period. The top-of-casing elevation, depth-to-LNAPL measurements, depth-to-water measurements, calculated LNAPL thickness and calculated water level elevations are provided on **Table 2-3**.

No LNAPL was discovered in vapor extraction well VEW-1 during the fourth quarter 2003.

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-01	02/29/00	60	3
	03/01/00	60	5
	03/02/00	60	6
	04/07/00	65	NM
	04/24/00	60	12
	05/30/00	60	11
	07/24/00	60	12
	08/22/00	60	12
	10/30/00	60	11
	11/27/00	60	11
	12/11/00	60	10
	01/29/01	60	11
	02/26/01	70	10
	04/16/01	55	11
	05/21/01	55	10.5
	07/03/01	55	10
	07/30/01	50	11
	08/29/01	55	10
	09/18/01	40	10
	10/29/01	60	10
	11/26/01	60	10
	12/12/01	55	10
	01/30/02	50	10
	02/25/02	60	10
	03/28/02	50	12
	04/15/02	60	12
	05/20/02	60	12
	06/26/02	60	12
	07/29/02	60	12
	08/12/02	60	12
	09/23/02	NM	NM
	10/17/02	60	10
	11/14/02	14	15
	12/19/02	60	15
	02/26/03	NM	NM
	03/13/03	12	18
	04/10/03	12	18
	06/27/03	9	14

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-02	02/29/00	60	10
	03/01/00	60	10
	03/02/00	62	10
	04/07/00	65	10
	04/24/00	60	10
	05/30/00	60	10
	07/24/00	55	10
	08/22/00	60	10
	10/30/00	60	10
	11/27/00	60	10
	12/11/00	60	10
	01/29/01	65	10
	02/26/01	75	9
	04/16/01	60	10
	05/21/01	55	10
	07/03/01	45	10
	07/30/01	60	10
	08/29/01	50	10
	09/18/01	55	10
	10/29/01	60	10
	11/26/01	60	10
	12/12/01	55	10
	01/30/02	55	10
	02/25/02	60	10
	03/28/02	60	10
	04/15/02	60	10
	05/20/02	60	10
	06/26/02	60	10
	07/29/02	60	10
	08/12/02	60	10
	09/23/02	NM	NM
	10/17/02	50	14
	11/14/02	16	13
	12/19/02	62	11
	02/26/03	NM	NM
	03/13/03	12	18
	04/10/03	12	18
	06/27/03	9	14

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-03	02/29/00	60	10
	03/01/00	60	10
	03/02/00	64	9.5
	04/07/00	65	8
	04/24/00	60	10
	05/30/00	NM	10
	07/24/00	120	10
	08/22/00	NM	10
	10/30/00	120	10
	11/27/00	120	10
	12/11/00	NM	10
	01/29/01	NM	10
	02/26/01	120	9
	04/16/01	NM	10
	05/21/01	NM	10
	07/03/01	NM	10
	07/30/01	NM	10
	08/29/01	NM	10
	09/18/01	NM	10
	10/29/01	NM	10
	11/26/01	NM	10
	12/12/01	NM	10
	01/30/02	NM	10
	02/25/02	60	10
	03/28/02	NM	10
	04/15/02	60	10
	05/20/02	60	10
	06/26/02	60	10
	07/29/02	60	10
	08/12/02	60	10
	09/23/02	NM	NM
	10/17/02	60	11
	11/14/02	13	13
	12/19/02	62	10
	02/26/03	NM	NM
	03/13/03	12	18
	04/10/03	12	18
	06/27/03	10	16

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-04	02/29/00	60	10
	03/01/00	60	10
	03/02/00	62	10
	04/07/00	65	10
	04/24/00	60	10
	05/30/00	60	10
	07/24/00	50	10
	08/22/00	60	10
	10/30/00	60	11
	11/27/00	60	10
	12/11/00	60	10
	01/29/01	60	10
	02/26/01	50	10
	04/16/01	60	10
	05/21/01	60	10
	07/03/01	60	10
	07/30/01	60	10
	08/29/01	60	10
	09/18/01	60	10
	10/29/01	55	10
	11/26/01	60	10
	12/12/01	65	10
	01/30/02	60	10
	02/25/02	60	10
	03/28/02	60	10
	04/15/02	60	10
	05/20/02	60	10
	06/26/02	55	10
	07/29/02	55	10
	08/12/02	60	12
	09/23/02	NM	NM
	10/17/02	60	12
	11/14/02	15	9
	12/19/02	61	11
	02/26/03	NM	NM
	03/13/03	12	18
	04/10/03	12	18
	06/27/03	10	16

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-05	02/29/00	60	10
	03/01/00	60	10
	03/02/00	60	10
	04/07/00	60	10
	04/24/00	60	10
	05/30/00	60	10
	07/24/00	50	10
	08/22/00	60	10
	10/30/00	60	10
	11/27/00	60	10
	12/11/00	65	10
	01/29/01	60	10
	02/26/01	70	9
	04/16/01	60	10
	05/21/01	60	10
	07/03/01	35	10
	07/30/01	40	10
	08/29/01	45	10
	09/18/01	50	10
	10/29/01	60	10
	11/26/01	60	10
	12/12/01	60	10
	01/30/02	60	10
	02/25/02	60	10
	03/28/02	60	10
	04/15/02	60	10
	05/20/02	40	10
	06/26/02	60	10
	07/29/02	50	10
	08/12/02	60	10
	09/23/02	NM	NM
	10/17/02	50	13
	11/14/02	15	10
	12/19/02	61	10
	02/26/03	NM	NM
	03/13/03	12	16
	04/10/03	11	16
	06/27/03	10	16

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-06	02/29/00	60	10
	03/01/00	60	10
	03/02/00	60	10
	04/07/00	65	10
	04/24/00	60	10
	05/30/00	60	10
	07/24/00	60	10
	08/22/00	60	10
	10/30/00	60	10
	11/27/00	60	10
	12/11/00	70	10
	01/29/01	60	10
	02/26/01	80	10
	04/16/01	60	10
	05/21/01	60	10
	07/03/01	40	10
	07/30/01	50	10
	08/29/01	60	10
	09/18/01	60	10
	10/29/01	50	10
	11/26/01	NA	NA
	12/12/01	60	10
	01/30/02	60	9
	02/25/02	60	10
	03/28/02	60	10
	04/15/02	60	10
	05/20/02	60	10
	06/26/02	50	10
	07/29/02	60	10
	08/12/02	60	10
	09/23/02	NM	NM
	10/17/02	60	11
	11/14/02	15	10
	12/19/02	61	12
	02/26/03	NM	NM
	03/13/03	12	16
	04/10/03	11	16
	06/27/03	9	14

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-07	02/29/00	0	10
	03/01/00	65	10
	03/02/00	60	10
	04/07/00	60	10
	04/24/00	55	10
	05/30/00	60	10
	07/24/00	50	10
	08/22/00	60	10
	10/30/00	60	10
	11/27/00	60	10
	12/11/00	70	10
	01/29/01	60	10
	02/26/01	80	8
	04/16/01	60	10
	05/21/01	65	10
	07/03/01	60	10
	07/30/01	60	10
	08/29/01	60	10
	09/18/01	55	10
	10/29/01	55	10
	11/26/01	60	10
	12/12/01	60	10
	01/30/02	60	10
	02/25/02	60	10
	03/28/02	55	10
	04/15/02	60	10
	05/20/02	50	10
	06/26/02	60	10
	07/29/02	55	10
	08/12/02	60	10
	09/23/02	NM	NM
	10/17/02	50	10
	11/14/02	16	11
	12/19/02	60	10
	02/26/03	NM	NM
	03/13/03	11.5	18
	04/10/03	11	16
	06/27/03	10	16

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-08	02/29/00	65	10
	03/01/00	65	10
	03/02/00	60	10
	04/07/00	60	10
	04/24/00	NM	NM
	05/30/00	50	10
	07/24/00	60	10
	08/22/00	60	10
	10/30/00	60	10
	11/27/00	60	10
	12/11/00	60	10
	01/29/01	50	10
	02/26/01	25	9
	04/16/01	70	10
	05/21/01	55	10
	07/03/01	30	10
	07/30/01	50	10
	08/29/01	60	10
	09/18/01	45	10
	10/29/01	55	10
	11/26/01	60	10
	12/12/01	60	10
	01/30/02	60	10
	02/25/02	60	10
	03/28/02	60	11
	04/15/02	60	10
	05/20/02	60	10
	06/26/02	60	11
	07/29/02	60	10
	08/12/02	NM	NM
	09/23/02	NM	NM
	10/17/02	60	10
	11/14/02	15	10
	12/19/02	60	11
	02/26/03	NM	NM
	03/13/03	12	18
	04/10/03	11	16
	06/27/03	10	16

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-09	02/29/00	60	10
	03/01/00	65	12
	03/02/00	NM	NM
	04/07/00	65	10
	04/24/00	NM	NM
	05/30/00	60	10
	07/24/00	60	10
	08/22/00	60	10
	10/30/00	60	10
	11/27/00	60	10
	12/11/00	60	10
	01/29/01	70	10
	02/26/01	70	10
	04/16/01	65	10
	05/21/01	60	10
	07/03/01	50	10
	07/30/01	60	10
	08/29/01	60	10
	09/18/01	60	10
	10/29/01	55	10
	11/26/01	60	10
	12/12/01	60	10
	01/30/02	65	10
	02/25/02	60	10
	03/28/02	60	10
	04/15/02	60	10
	05/20/02	60	10
	06/26/02	65	10
	07/29/02	60	10
	08/12/02	60	10
	09/23/02	NM	NM
	10/17/02	50	11
	11/14/02	16	10
	12/19/02	61	12
	02/26/03	NM	NM
	03/13/03	12	18
	04/10/03	11	16
	06/27/03	10	16

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-10	02/29/00	60	10
	03/01/00	60	10
	03/02/00	60	10
	04/07/00	NM	10
	04/24/00	NM	NM
	05/30/00	60	10
	07/24/00	50	10
	08/22/00	55	10
	10/30/00	60	10
	11/27/00	60	10
	12/11/00	65	10
	01/29/01	60	10
	02/26/01	80	10
	04/16/01	80	10
	05/21/01	70	10
	07/03/01	40	10
	07/30/01	50	10
	08/29/01	55	10
	09/18/01	60	10
	10/29/01	60	10
	11/26/01	60	10
	12/12/01	60	10
	01/30/02	60	10
	02/25/02	60	9
	03/28/02	60	12
	04/15/02	60	10
	05/20/02	60	12
	06/26/02	50	10
	07/29/02	60	10
	08/12/02	NM	NM
	09/23/02	NM	NM
	10/17/02	60	10
	11/14/02	16	10
	12/19/02	NM	NM
	02/26/03	NM	NM
	03/13/03	12	18
	04/10/03	11.5	18
	06/27/03	10	16

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-11	02/29/00	60	10
	03/01/00	60	10
	03/02/00	60	10
	04/07/00	60	10
	04/24/00	NM	NM
	05/30/00	60	10
	07/24/00	60	10
	08/22/00	60	10
	10/30/00	60	10
	11/27/00	60	10
	12/11/00	60	10
	01/29/01	50	10
	02/26/01	50	10
	04/16/01	55	11
	05/21/01	50	10
	07/03/01	30	10
	07/30/01	60	10
	08/29/01	50	10
	09/18/01	60	10
	10/29/01	55	10
	11/26/01	60	10
	12/12/01	60	10
	01/30/02	60	10
	02/25/02	66	10
	03/28/02	60	10
	04/15/02	60	10
	05/20/02	55	10
	06/26/02	60	11
	07/29/02	60	10
	08/12/02	60	10
	09/23/02	NM	NM
	10/17/02	60	10
	11/14/02	16	9
	12/19/02	NM	NM
	02/26/03	NM	NM
	03/13/03	11.5	16
	04/10/03	11.5	18
	06/27/03	10	14

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-12	02/29/00	NM	NM
	03/01/00	65	NM
	03/02/00	60	NM
	04/07/00	65	NM
	04/24/00	NM	NM
	05/30/00	55	10
	07/24/00	60	10
	08/22/00	60	10
	10/30/00	60	10.5
	11/27/00	60	10
	12/11/00	65	10
	01/29/01	NM	NM
	02/26/01	60	10
	04/16/01	60	10
	05/21/01	50	10
	07/03/01	20	10
	07/30/01	50	10
	08/29/01	50	10
	09/18/01	60	12
	10/29/01	60	10
	11/26/01	40	10
	12/12/01	60	10
	01/30/02	55	10
	02/25/02	60	11
	03/28/02	50	10
	04/15/02	60	12
	05/20/02	40	12
	06/26/02	55	10
	07/29/02	60	10
	08/12/02	60	11
	09/23/02	NM	NM
	10/17/02	60	10
	11/14/02	15	9
	12/19/02	61	14
	02/26/03	NM	NM
	03/13/03	NM	NM
	04/10/03	NM	NM
	06/27/03	9	14

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-13	02/29/00	65	10
	03/01/00	65	10
	03/02/00	60	10
	04/07/00	65	10
	04/24/00	60	10
	05/30/00	60	10
	07/24/00	40	10
	08/22/00	60	10
	10/30/00	65	10
	11/27/00	60	10
	12/11/00	65	10
	01/29/01	50	10
	02/26/01	20	9
	04/16/01	60	10
	05/21/01	65	10
	07/03/01	65	10
	07/30/01	60	10
	08/29/01	60	10
	09/18/01	60	10
	10/29/01	60	10
	11/26/01	60	10
	12/12/01	60	10
	01/30/02	60	10
	02/25/02	60	10
	03/28/02	60	10
	04/15/02	60	10
	05/20/02	70	10
	06/26/02	60	10
	07/29/02	60	10
	08/12/02	60	10
	09/23/02	NM	NM
	10/17/02	50	11
	11/14/02	16	11
	12/19/02	62	15
	02/26/03	NM	NM
	03/13/03	NM	NM
	04/10/03	NM	NM
	06/27/03	9	14

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-14	02/29/00	60	16
	03/01/00	60	16
	03/02/00	60	16
	04/07/00	55	16
	04/24/00	55	16
	05/30/00	NM	10
	07/24/00	60	16
	08/22/00	60	16
	10/30/00	70	18
	11/27/00	60	18
	12/11/00	60	10
	01/29/01	65	10
	02/26/01	70	12
	04/16/01	60	10
	05/21/01	60	16
	07/03/01	50	18
	07/30/01	50	14
	08/29/01	55	15
	09/18/01	60	16
	10/29/01	60	10
	11/26/01	60	15
	12/12/01	60	10
	01/30/02	60	10
	02/25/02	60	16
	03/28/02	55	12
	04/15/02	60	16
	05/20/02	60	14
	06/26/02	60	10
	07/29/02	55	16
	08/12/02	60	17
	09/23/02	NM	NM
	10/17/02	60	14
	11/14/02	NM	NM
	12/19/02	80	18
	02/26/03	NM	NM
	03/13/03	NM	NM
	04/10/03	NM	NM
	06/27/03	10	14

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-15	02/29/00	60	10
	03/01/00	60	10
	03/02/00	60	10
	04/07/00	60	10
	04/24/00	55	10
	05/30/00	60	10
	07/24/00	60	10
	08/22/00	60	10
	10/30/00	60	10
	11/27/00	60	10
	12/11/00	60	10
	01/29/01	60	10
	02/26/01	60	9
	04/16/01	50	10
	05/21/01	50	10
	07/03/01	30	10
	07/30/01	50	10
	08/29/01	50	10
	09/18/01	60	10
	10/29/01	60	10
	11/26/01	60	10
	12/12/01	60	10
	01/30/02	65	10
	02/25/02	60	10
	03/28/02	60	10
	04/15/02	60	10
	05/20/02	55	10
	06/26/02	60	10
	07/29/02	60	10
	08/12/02	60	11
	09/23/02	NM	NM
	10/17/02	50	12
	11/14/02	NM	NM
	12/19/02	80	12
	02/26/03	NM	NM
	03/13/03	11.5	16
	04/10/03	11	16
	06/27/03	NM	NM

TABLE 2-1
BIOSPARGE WELLHEAD PRESSURE/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

AS Well	Date	Wellhead Flow (acfh)	Wellhead Pressure (psi)
BP-16	02/29/00	60	10
	03/01/00	60	10
	03/02/00	60	10
	04/07/00	65	10
	04/24/00	60	10
	05/30/00	60	10
	07/24/00	60	10
	08/22/00	60	10
	10/30/00	70	10
	11/27/00	60	10
	12/11/00	60	10
	01/29/01	60	10
	02/26/01	70	10
	04/16/01	60	10
	05/21/01	60	10
	07/03/01	50	10
	07/30/01	50	10
	08/29/01	60	10
	09/18/01	60	10
	10/29/01	60	10
	11/26/01	60	10
	12/12/01	60	10
	01/30/02	60	10
	02/25/02	60	10
	03/28/02	60	10
	04/15/02	60	10
	05/20/02	55	10
	06/26/02	55	10
	07/29/02	60	10
	08/12/02	60	10
	09/23/02	NM	NM
	10/17/02	60	10
	11/14/02	NM	NM
	12/19/02	60	10
	02/26/03	NM	NM
	03/13/03	11.5	16
	04/10/03	11	16
	06/27/03	NM	NM

NM = Not Measured
psi = pounds per square inch
acfh = actual cubic feet per hour

TABLE 2-2
VAPOR COLLECTION SYSTEM WELLHEAD VACUUM/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Vapor Extraction Well	Date	Wellhead Flow (acfm)	Wellhead Vacuum (in H_2O)
VEW-1	02/29/00	4	38
	03/01/00	4	38
	03/02/00	2	39
	04/07/00	3	41
	04/24/00	2	40
	05/30/00	6	6
	07/24/00	11	2
	08/22/00	7	8
	10/30/00	4	10
	11/27/00	6	10
	12/11/00	5	8
	01/29/01	4	21
	02/26/01	5	15
	04/16/01	6	8
	05/21/01	5	36
	07/03/01	5	42
	07/30/01	6	50
	08/29/01	5	NM
	09/18/01	3	22
	10/29/01	5	45
	11/26/01	6	35
	12/12/01	5	45
	01/30/02	6	44
	02/25/02	8	20
	03/28/02	7	35
	04/15/02	8	40
	05/20/02	9	33
	06/26/02	7	35
	07/29/02	7	40
	08/12/02	8	32
	09/23/02	NM	NM
	10/17/02	6	37
	11/14/02	14	11
	12/19/02	NM	NM
	02/26/03	NM	NM
	03/13/03	16	20
	04/10/03	16	20
	06/27/03	16	18

TABLE 2-2
VAPOR COLLECTION SYSTEM WELLHEAD VACUUM/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Vapor Extraction Well	Date	Wellhead Flow (acfm)	Wellhead Vacuum (in H_2O)
VEW-2	02/29/00	6	26
	03/01/00	6	26
	03/02/00	5	23
	04/07/00	NM	40
	04/24/00	NM	28
	05/30/00	1	26
	07/24/00	2	27
	08/22/00	0	25
	10/30/00	7	26
	11/27/00	4	20
	12/11/00	6	20
	01/29/01	4	25
	02/26/01	8	25
	04/16/01	6	20
	05/21/01	3	34
	07/03/01	4	20
	07/30/01	6	25
	08/29/01	5	20
	09/18/01	4	27
	10/29/01	6	28
	11/26/01	6	32
	12/12/01	5	46
	01/30/02	7	49
	02/25/02	7	32
	03/28/02	6	20
	04/15/02	5	23
	05/20/02	6	23
	06/26/02	6	23
	07/29/02	5	36
	08/12/02	3	23
	09/23/02	NM	NM
	10/17/02	0	22
	11/14/02	16	23
	12/19/02	6	25
	02/26/03	NM	NM
	03/13/03	18	22
	04/10/03	16	20
	06/27/03	16	18

TABLE 2-2
VAPOR COLLECTION SYSTEM WELLHEAD VACUUM/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Vapor Extraction Well	Date	Wellhead Flow (acfm)	Wellhead Vacuum (in H_2O)
VEW-3	02/29/00	8	28
	03/01/00	8	28
	03/02/00	6	19
	04/07/00	6	18
	04/24/00	6	16
	05/30/00	6	13
	07/24/00	2	30
	08/22/00	6	1
	10/30/00	5	10.5
	11/27/00	6	15
	12/11/00	6.5	14
	01/29/01	6	15
	02/26/01	6	15
	04/16/01	5	14
	05/21/01	6	10
	07/03/01	7	8
	07/30/01	6	10
	08/29/01	6	10
	09/18/01	6	10
	10/29/01	6	10
	11/26/01	NA	NA
	12/12/01	8	60
	01/30/02	6	42
	02/25/02	6	27
	03/28/02	8	28
	04/15/02	7	42
	05/20/02	9	25
	06/26/02	8	29
	07/29/02	7	31
	08/12/02	13	23
	09/23/02	NM	NM
	10/17/02	14	11
	11/14/02	16	10
	12/19/02	6	25
	02/26/03	NM	NM
	03/13/03	18	22
	04/10/03	16	20
	06/27/03	16	18

TABLE 2-2
VAPOR COLLECTION SYSTEM WELLHEAD VACUUM/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Vapor Extraction Well	Date	Wellhead Flow (acfm)	Wellhead Vacuum (in H_2O)
VEW-4	02/29/00	8	38
	03/01/00	8	38
	03/02/00	5	37
	04/07/00	7	14
	04/24/00	NM	NM
	05/30/00	6	31
	07/24/00	6	15
	08/22/00	6	8
	10/30/00	7	8
	11/27/00	7	8
	12/11/00	7	7
	01/29/01	6	5
	02/26/01	6	12
	04/16/01	8	5
	05/21/01	10	15
	07/03/01	8	6
	07/30/01	6	10
	08/29/01	8	5
	09/18/01	5	4
	10/29/01	6	12
	11/26/01	6	31
	12/12/01	6	54
	01/30/02	6	40
	02/25/02	6	30
	03/28/02	6	31
	04/15/02	6	32
	05/20/02	6	27
	06/26/02	6	31
	07/29/02	6	36
	08/12/02	NM	NM
	09/23/02	NM	NM
	10/17/02	NM	NM
	11/14/02	15	20
	12/19/02	5	20
	02/26/03	NM	NM
	03/13/03	18	22
	04/10/03	14	18
	06/27/03	16	20

TABLE 2-2
VAPOR COLLECTION SYSTEM WELLHEAD VACUUM/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Vapor Extraction Well	Date	Wellhead Flow (acfm)	Wellhead Vacuum (in H_2O)
VEW-5	02/29/00	5	38
	03/01/00	5	38
	03/02/00	4	37
	04/07/00	6	40
	04/24/00	5	24
	05/30/00	6	5
	07/24/00	6	0
	08/22/00	6	6
	10/30/00	6	32
	11/27/00	6	15
	12/11/00	6	18
	01/29/01	7	10
	02/26/01	7	18
	04/16/01	6	18
	05/21/01	6	24
	07/03/01	6	NM
	07/30/01	6	32
	08/29/01	6	15
	09/18/01	4	29
	10/29/01	6	30
	11/26/01	6	25
	12/12/01	6	51
	01/30/02	10	36
	02/25/02	6	33
	03/28/02	6	38
	04/15/02	6	39
	05/20/02	6	33
	06/26/02	6	34
	07/29/02	5	40
	08/12/02	5	35
	09/23/02	NM	NM
	10/17/02	0	3
	11/14/02	16	21
	12/19/02	8	25
	02/26/03	NM	NM
	03/13/03	18	22
	04/10/03	16	20
	06/27/03	18	20

TABLE 2-2
VAPOR COLLECTION SYSTEM WELLHEAD VACUUM/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Vapor Extraction Well	Date	Wellhead Flow (acfm)	Wellhead Vacuum (in H_2O)
VEW-6	02/29/00	4	38
	03/01/00	4	38
	03/02/00	4	39
	04/07/00	6	43
	04/24/00	6	40
	05/30/00	6	41
	07/24/00	6	40
	08/22/00	6	10
	10/30/00	6	39
	11/27/00	7	13
	12/11/00	8	20
	01/29/01	7	15
	02/26/01	10	56
	04/16/01	6	20
	05/21/01	6	17
	07/03/01	5	NM
	07/30/01	6	45
	08/29/01	6	18
	09/18/01	4	NM
	10/29/01	6	35
	11/26/01	6	15
	12/12/01	6	55
	01/30/02	6	40
	02/25/02	6	33
	03/28/02	6	39
	04/15/02	6	39
	05/20/02	6	35
	06/26/02	9	35
	07/29/02	6	34
	08/12/02	9	32
	09/23/02	NM	NM
	10/17/02	9	32
	11/14/02	16	21
	12/19/02	10	30
	02/26/03	NM	NM
	03/13/03	16	20
	04/10/03	18	20
	06/27/03	18	20

TABLE 2-2
VAPOR COLLECTION SYSTEM WELLHEAD VACUUM/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Vapor Extraction Well	Date	Wellhead Flow (acfm)	Wellhead Vacuum (in H_2O)
VEW-7	02/29/00	11	22
	03/01/00	11	24
	03/02/00	6	18
	04/07/00	6	40
	04/24/00	6	15
	05/30/00	5	32
	07/24/00	6	5
	08/22/00	6	5
	10/30/00	7	5
	11/27/00	7	7
	12/11/00	7	5
	01/29/01	6	6
	02/26/01	10	5
	04/16/01	7	5
	05/21/01	6	16
	07/03/01	10	7
	07/30/01	6	5
	08/29/01	8	6
	09/18/01	5	NM
	10/29/01	5	6
	11/26/01	8	6
	12/12/01	8	58
	01/30/02	6	26
	02/25/02	6	20
	03/28/02	7	23
	04/15/02	7	30
	05/20/02	9	19
	06/26/02	9	23
	07/29/02	7	42
	08/12/02	7	32
	09/23/02	NM	NM
	10/17/02	6	2
	11/14/02	16	20
	12/19/02	5	0
	02/26/03	NM	NM
	03/13/03	NM	NM
	04/10/03	NM	NM
	06/27/03	18	20

TABLE 2-2
VAPOR COLLECTION SYSTEM WELLHEAD VACUUM/FLOW MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Vapor Extraction Well	Date	Wellhead Flow (acfm)	Wellhead Vacuum (in H_2O)
VEW-8	02/29/00	8	24
	03/01/00	8	24
	03/02/00	6	22
	04/07/00	7	20
	04/24/00	6	20
	05/30/00	6	17
	07/24/00	6	14
	08/22/00	6	14
	10/30/00	6	14
	11/27/00	6	15
	12/11/00	6	14
	01/29/01	6	15
	02/26/01	7	15
	04/16/01	6	15
	05/21/01	6	14
	07/03/01	8	25
	07/30/01	6	25
	08/29/01	6	20
	09/18/01	4	6
	10/29/01	5	25
	11/26/01	6	15
	12/12/01	6	53
	01/30/02	6	36
	02/25/02	6	27
	03/28/02	6	31
	04/15/02	6	37
	05/20/02	6	27
	06/26/02	6	27
	07/29/02	6	32
	08/12/02	6	31
	09/23/02	NM	NM
	10/17/02	4	28
	11/14/02	16	21
	12/19/02	6	25
	02/26/03	NM	NM
	03/13/03	16	20
	04/10/03	18	20
	06/27/03	NM	NM

NM = Not Measured
in H_2O = inches of water
acfm = actual cubic feet per minute

TABLE 2-3
DEPTH TO GROUNDWATER/LNAPL MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Date	Top of Casing Elevation (Feet)	Depth to LNAPL (Feet)	Depth to Water (Feet)	LNAPL Thickness (Feet)	Water Level Elevation (Feet)
CEF-293-01	06/13/00	NA	none present	8.79	0.00	NA
	09/14/00		none present	5.55	0.00	NA
	12/21/00		none present	7.72	0.00	NA
	03/15/01		none present	8.03	0.00	NA
	06/25/01		none present	7.37	0.00	NA
	09/19/01		none present	4.17	0.00	NA
	10/03/01		none present	NM	0.00	NA
	12/19/01		none present	7.43	0.00	NA
	03/20/02		none present	7.00	0.00	NA
	06/04/02		none present	7.99	0.00	NA
	09/23/02		none present	5.69	0.00	NA
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	NM	0.00	NA
CEF-293-02	06/13/00	NA	none present	9.70	0.00	NA
	09/14/00		none present	6.83	0.00	NA
	12/21/00		none present	8.81	0.00	NA
	03/15/01		none present	9.22	0.00	NA
	06/25/01		none present	8.36	0.00	NA
	09/19/01		none present	5.87	0.00	NA
	10/03/01		none present	NM	0.00	NA
	12/19/01		none present	8.53	0.00	NA
	03/20/02		none present	8.06	0.00	NA
	06/04/02		none present	9.00	0.00	NA
	09/23/02		none present	6.50	0.00	NA
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	NM	0.00	NA
CEF-293-04	06/13/00	77.22	none present	9.45	0.00	67.77
	09/14/00		none present	5.44	0.00	71.78
	12/21/00		none present	8.33	0.00	68.89
	03/15/01		none present	8.62	0.00	68.60
	06/25/01		none present	7.75	0.00	69.47
	09/19/01		none present	1.85	0.00	75.37
	10/03/01		none present	6.33	0.00	70.89
	12/19/01		none present	7.74	0.00	69.48
	03/20/02		none present	7.39	0.00	69.83
	06/04/02		none present	8.61	0.00	68.61
	09/23/02		none present	2.85	0.00	74.37
	12/11/02		none present	3.12	0.00	74.10
	03/11/03		none present	0.92	0.00	76.30

TABLE 2-3
DEPTH TO GROUNDWATER/LNAPL MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Date	Top of Casing Elevation (Feet)	Depth to LNAPL (Feet)	Depth to Water (Feet)	LNAPL Thickness (Feet)	Water Level Elevation (Feet)
CEF-293-05	06/13/00	NA	none present	9.01	0.00	NA
	09/14/00		none present	3.18	0.00	NA
	12/21/00		none present	7.95	0.00	NA
	03/15/01		none present	NM	0.00	NA
	06/25/01		none present	NM	0.00	NA
	09/19/01		none present	1.95	0.00	NA
	10/03/01		none present	NM	0.00	NA
	12/19/01		none present	7.59	0.00	NA
	03/20/02		none present	7.26	0.00	NA
	06/04/02		none present	8.22	0.00	NA
	09/23/02		none present	5.81	0.00	NA
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	NM	0.00	NA
CEF-293-06	06/13/00	NA	none present	9.77	0.00	NA
	09/14/00		none present	6.89	0.00	NA
	12/21/00		none present	8.75	0.00	NA
	03/15/01		none present	9.00	0.00	NA
	06/25/01		none present	8.39	0.00	NA
	09/19/01		none present	5.85	0.00	NA
	10/03/01		none present	NM	0.00	NA
	12/19/01		none present	8.44	0.00	NA
	03/20/02		none present	8.15	0.00	NA
	06/04/02		none present	9.03	0.00	NA
	09/23/02		none present	6.99	0.00	NA
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	NM	0.00	NA
CEF-293-07	06/13/00	NA	none present	9.95	0.00	NA
	09/14/00		none present	6.85	0.00	NA
	12/21/00		none present	8.92	0.00	NA
	03/15/01		none present	9.29	0.00	NA
	06/25/01		none present	8.60	0.00	NA
	09/19/01		none present	5.44	0.00	NA
	10/03/01		none present	NM	0.00	NA
	12/19/01		none present	8.55	0.00	NA
	03/20/02		none present	8.21	0.00	NA
	06/04/02		none present	9.10	0.00	NA
	09/23/02		none present	7.21	0.00	NA
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	NM	0.00	NA

TABLE 2-3
DEPTH TO GROUNDWATER/LNAPL MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Date	Top of Casing Elevation (Feet)	Depth to LNAPL (Feet)	Depth to Water (Feet)	LNAPL Thickness (Feet)	Water Level Elevation (Feet)
CEF-293-09	06/13/00	77.36	none present	9.93	0.00	67.43
	09/14/00		none present	7.01	0.00	70.35
	12/21/00		none present	8.96	0.00	68.40
	03/15/01		none present	9.29	0.00	68.07
	06/25/01		none present	8.37	0.00	68.99
	09/19/01		none present	5.81	0.00	71.55
	10/03/01		none present	7.29	0.00	70.07
	12/19/01		none present	8.70	0.00	68.66
	03/20/02		none present	8.13	0.00	69.23
	06/04/02		none present	9.21	0.00	68.15
	09/23/02		none present	7.20	0.00	70.16
	12/11/02		none present	8.19	0.00	69.17
	03/11/03		none present	6.09	0.00	71.27
	06/06/03		none present	7.85	0.00	69.51
	09/02/03		none present	7.29	0.00	70.07
	12/12/03		none present	9.62	0.00	67.74
CEF-293-10	06/13/00	NA	none present	9.46	0.00	NA
	09/14/00		none present	6.75	0.00	NA
	12/21/00		none present	8.52	0.00	NA
	03/15/01		none present	8.80	0.00	NA
	06/25/01		none present	8.21	0.00	NA
	09/19/01		none present	5.69	0.00	NA
	10/03/01		none present	NM	0.00	NA
	12/19/01		none present	8.28	0.00	NA
	03/20/02		none present	8.01	0.00	NA
	06/04/02		none present	8.77	0.00	NA
	09/23/02		none present	6.10	0.00	NA
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	NM	0.00	NA
CEF-293-11	06/13/00	NA	none present	9.62	0.00	NA
	09/14/00		none present	6.91	0.00	NA
	12/21/00		none present	8.70	0.00	NA
	03/15/01		none present	9.12	0.00	NA
	06/25/01		none present	8.46	0.00	NA
	09/19/01		none present	5.85	0.00	NA
	10/03/01		none present	NM	0.00	NA
	12/19/01		none present	8.48	0.00	NA
	03/20/02		none present	8.31	0.00	NA
	06/04/02		none present	8.97	0.00	NA
	09/23/02		none present	7.15	0.00	NA
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	NM	0.00	NA

TABLE 2-3
DEPTH TO GROUNDWATER/LNAPL MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Date	Top of Casing Elevation (Feet)	Depth to LNAPL (Feet)	Depth to Water (Feet)	LNAPL Thickness (Feet)	Water Level Elevation (Feet)
CEF-293-13	06/13/00	75.97	none present	9.05	0.00	66.92
	09/14/00		none present	6.31	0.00	69.66
	12/21/00		none present	8.11	0.00	67.86
	03/15/01		none present	8.63	0.00	67.34
	06/25/01		none present	8.06	0.00	67.91
	09/19/01		none present	7.40	0.00	68.57
	10/03/01		none present	6.67	0.00	69.30
	12/19/01		none present	7.89	0.00	68.08
	03/20/02		none present	7.69	0.00	68.28
	06/04/02		none present	8.32	0.00	67.65
	09/23/02		none present	6.56	0.00	69.41
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	5.47	0.00	70.50
CEF-293-14	06/13/00	NA	none present	9.34	0.00	NA
	09/14/00		none present	6.45	0.00	NA
	12/21/00		none present	8.40	0.00	NA
	03/15/01		none present	9.71	0.00	NA
	06/25/01		none present	8.10	0.00	NA
	09/19/01		none present	5.19	0.00	NA
	10/03/01		none present	NM	0.00	NA
	12/19/01		none present	8.14	0.00	NA
	03/20/02		none present	7.73	0.00	NA
	06/04/02		none present	8.56	0.00	NA
	09/23/02		none present	NM	0.00	NA
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	NM	0.00	NA
CEF-293-19	06/13/00	NA	none present	8.95	0.00	NA
	09/14/00		none present	6.99	0.00	NA
	12/21/00		none present	8.75	0.00	NA
	03/15/01		none present	9.11	0.00	NA
	06/25/01		none present	8.55	0.00	NA
	09/19/01		none present	5.93	0.00	NA
	10/03/01		none present	NM	0.00	NA
	12/19/01		none present	8.54	0.00	NA
	03/20/02		none present	8.26	0.00	NA
	06/04/02		none present	NM	0.00	NA
	09/23/02		none present	7.10	0.00	NA
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	NM	0.00	NA

TABLE 2-3
DEPTH TO GROUNDWATER/LNAPL MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Date	Top of Casing Elevation (Feet)	Depth to LNAPL (Feet)	Depth to Water (Feet)	LNAPL Thickness (Feet)	Water Level Elevation (Feet)
CEF-293-20	06/13/00	76.14	none present	9.40	0.00	66.74
	09/14/00		none present	6.85	0.00	69.29
	12/21/00		none present	8.53	0.00	67.61
	03/15/01		none present	8.81	0.00	67.33
	06/25/01		none present	8.25	0.00	67.89
	09/19/01		none present	5.70	0.00	70.44
	10/03/01		none present	6.98	0.00	69.16
	12/19/01		none present	8.35	0.00	67.79
	03/20/02		none present	7.97	0.00	68.17
	06/04/02		none present	8.76	0.00	67.38
	09/23/02		none present	6.80	0.00	69.34
	12/11/02		none present	7.82	0.00	68.32
	03/11/03		none present	5.92	0.00	70.22
CEF-293-21	06/13/00	NA	none present	9.51	0.00	NA
	09/14/00		none present	6.98	0.00	NA
	12/21/00		none present	8.62	0.00	NA
	03/15/01		none present	8.94	0.00	NA
	06/25/01		none present	8.37	0.00	NA
	09/19/01		none present	5.81	0.00	NA
	10/03/01		none present	NM	0.00	NA
	12/19/01		none present	8.46	0.00	NA
	03/20/02		none present	8.07	0.00	NA
	06/04/02		none present	8.85	0.00	NA
	09/23/02		none present	6.94	0.00	NA
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	NM	0.00	NA
CEF-293-22	06/13/00	75.95	none present	8.88	0.00	67.07
	09/14/00		none present	6.20	0.00	69.75
	12/21/00		none present	7.89	0.00	68.06
	03/15/01		none present	8.34	0.00	67.61
	06/25/01		none present	7.70	0.00	68.25
	09/19/01		none present	5.10	0.00	70.85
	10/03/01		none present	6.51	0.00	69.44
	12/19/01		none present	7.79	0.00	68.16
	03/20/02		none present	7.62	0.00	68.33
	06/04/02		none present	8.27	0.00	67.68
	09/23/02		none present	6.48	0.00	69.47
	12/11/02		none present	NM	0.00	NA
	03/11/03		none present	8.33	0.00	67.62
	06/07/03		none present	7.00	0.00	68.95
	09/02/03		none present	6.34	0.00	69.61
	12/12/03		none present	8.65	0.00	67.30

TABLE 2-3
DEPTH TO GROUNDWATER/LNAPL MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Date	Top of Casing Elevation (Feet)	Depth to LNAPL (Feet)	Depth to Water (Feet)	LNAPL Thickness (Feet)	Water Level Elevation (Feet)
VEW-01	06/13/00	76.32	8.60	10.89	2.29	67.03
	09/14/00		4.85	7.70	2.85	70.62
	10/12/00		6.26	7.39	1.13	69.72
	10/18/00		6.39	7.29	0.90	69.66
	10/24/00		6.55	7.56	1.01	69.47
	10/30/00		6.80	7.70	0.90	69.25
	11/07/00		6.95	7.20	0.25	69.30
	11/13/00		7.05	8.13	1.08	68.95
	11/20/00		7.10	8.30	1.20	68.86
	11/27/00		7.05	9.05	2.00	68.67
	12/06/01		7.25	10.15	2.90	68.20
	12/11/00		7.35	10.10	2.75	68.15
	12/18/00		7.32	10.80	3.48	67.96
	12/21/00		7.80	9.61	1.81	67.98
	01/03/01		7.45	11.85	4.40	67.55
	01/17/01		8.16	9.36	1.20	67.80
	01/29/01		7.68	11.11	3.43	67.61
	02/13/01		7.57	11.48	3.91	67.58
	02/19/01		7.61	11.45	3.84	67.56
	02/26/01		7.70	11.68	3.98	67.43
	03/06/01		7.55	11.10	3.55	67.71
	03/12/01		7.59	11.31	3.72	67.61
	03/15/01		8.34	10.50	2.16	67.33
	04/09/01		7.29	8.08	0.79	68.79
	04/16/01		7.31	8.29	0.98	68.72
	05/03/01		7.20	11.00	3.80	67.98
	05/08/01		7.35	11.10	3.75	67.85
	05/14/01		7.52	11.58	4.06	67.58
	05/21/01		7.59	11.50	3.91	67.56
	06/25/01		7.70	10.55	2.85	67.77
	07/03/01		6.55	10.67	4.12	68.53
	08/06/01		5.60	8.49	2.89	69.85
	09/19/01		5.21	6.15	0.94	70.83
	10/03/01		NM	NM	NM	NM
	12/07/01		4.90	5.70	0.80	71.18
	12/12/01		7.80	10.70	2.90	67.65
	12/19/01		7.48	9.08	1.60	68.36
	03/20/02		7.36	9.21	1.85	68.41
	06/04/02		8.15	9.20	1.05	67.86
	09/23/02		6.21	6.81	0.60	69.93
	12/11/02		7.10	8.05	0.95	68.94
	03/11/03		5.08	5.80	0.72	71.02
	06/07/03		6.90	7.40	0.50	69.27
	09/02/03		4.40	4.90	0.50	71.77
	12/12/03		none present	NM	0.00	NM

TABLE 2-3
DEPTH TO GROUNDWATER/LNAPL MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Date	Top of Casing Elevation (Feet)	Depth to LNAPL (Feet)	Depth to Water (Feet)	LNAPL Thickness (Feet)	Water Level Elevation (Feet)
VEW-02	06/13/00	75.86	7.50	13.02	5.52	62.84
	09/14/00		5.75	5.76	0.01	70.10
	12/21/00		7.70	7.73	0.03	68.13
	03/15/01		8.34	8.36	0.02	67.50
	06/25/01		7.92	7.96	0.04	67.90
	09/19/01		none present	4.98	0.00	70.88
	10/03/01		none present	6.20	0.00	69.66
	12/19/01		none present	7.40	0.00	68.46
	03/20/02		none present	7.42	0.00	68.44
	06/04/02		none present	7.89	0.00	67.97
	09/23/02		none present	6.01	0.00	69.85
	12/11/02		none present	6.69	0.00	69.17
	03/11/03		none present	4.71	0.00	71.15
	06/07/03		none present	6.50	0.00	69.36
	09/02/03		none present	5.96	0.00	69.90
	12/12/03		none present	11.04	0.00	64.82
VEW-03	06/13/00	75.28	none present	8.05	0.00	67.23
	09/14/00		none present	5.25	0.00	70.03
	12/21/00		none present	7.21	0.00	68.07
	03/15/01		none present	7.75	0.00	67.53
	06/25/01		none present	7.06	0.00	68.22
	09/19/01		none present	4.15	0.00	71.13
	10/03/01		none present	5.55	0.00	69.73
	12/19/01		none present	6.93	0.00	68.35
	03/20/02		none present	6.85	0.00	68.43
	06/04/02		none present	7.38	0.00	67.90
	09/23/02		none present	5.60	0.00	69.68
	12/11/02		none present	6.23	0.00	69.05
	03/11/03		none present	4.07	0.00	71.21
	06/06/03		none present	6.10	0.00	69.18
	09/02/03		none present	5.35	0.00	69.93
	12/12/03		none present	7.80	0.00	67.48
VEW-04	06/13/00	75.54	none present	8.38	0.00	67.16
	09/14/00		none present	5.68	0.00	69.86
	12/21/00		none present	7.60	0.00	67.94
	03/15/01		none present	8.07	0.00	67.47
	06/25/01		none present	7.70	0.00	67.84
	09/19/01		none present	4.67	0.00	70.87
	10/03/01		none present	6.04	0.00	69.50
	12/19/01		none present	7.31	0.00	68.23
	03/20/02		none present	7.23	0.00	68.31
	06/04/02		none present	7.78	0.00	67.76
	09/23/02		none present	6.05	0.00	69.49
	12/11/02		none present	6.78	0.00	68.76
	03/11/03		none present	4.66	0.00	70.88
	06/07/03		none present	6.50	0.00	69.04
	09/02/03		none present	5.80	0.00	69.74
	12/12/03		none present	8.12	0.00	67.42

TABLE 2-3
DEPTH TO GROUNDWATER/LNAPL MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Date	Top of Casing Elevation (Feet)	Depth to LNAPL (Feet)	Depth to Water (Feet)	LNAPL Thickness (Feet)	Water Level Elevation (Feet)
VEW-05	06/13/00	74.63	none present	7.53	0.00	67.10
	09/14/00		none present	4.85	0.00	69.78
	12/21/00		none present	6.75	0.00	67.88
	03/15/01		none present	7.18	0.00	67.45
	06/25/01		none present	6.56	0.00	68.07
	09/19/01		none present	3.83	0.00	70.80
	10/03/01		none present	5.16	0.00	69.47
	12/19/01		none present	7.42	0.00	67.21
	03/20/02		none present	6.38	0.00	68.25
	06/04/02		none present	6.91	0.00	67.72
	09/23/02		none present	5.14	0.00	69.49
	12/11/02		none present	5.98	0.00	68.65
	03/11/03		none present	3.80	0.00	70.83
	06/06/06		none present	6.75	0.00	67.88
	09/02/03		none present	4.95	0.00	69.68
	12/12/03		none present	7.40	0.00	67.23
VEW-06	06/13/00	74.31	none present	7.26	0.00	67.05
	09/14/00		none present	4.60	0.00	69.71
	12/21/00		none present	6.40	0.00	67.91
	03/15/01		none present	6.94	0.00	67.37
	06/25/01		none present	6.45	0.00	67.86
	09/19/01		none present	3.72	0.00	70.59
	10/03/01		none present	5.03	0.00	69.28
	12/19/01		none present	6.16	0.00	68.15
	03/20/02		none present	6.13	0.00	68.18
	06/04/02		none present	6.63	0.00	67.68
	09/23/02		none present	4.88	0.00	69.43
	12/11/02		none present	5.75	0.00	68.56
	03/11/03		none present	3.73	0.00	70.58
VEW-07	06/13/00	76.44	none present	9.06	0.00	67.38
	09/14/00		none present	6.15	0.00	70.29
	12/21/00		none present	8.15	0.00	68.29
	03/15/01		none present	8.65	0.00	67.79
	06/25/01		none present	8.36	0.00	68.08
	09/19/01		none present	5.15	0.00	71.29
	10/03/01		none present	6.50	0.00	69.94
	12/19/01		none present	7.80	0.00	68.64
	03/20/02		none present	7.71	0.00	68.73
	06/04/02		none present	8.36	0.00	68.08
	09/23/02		none present	6.29	0.00	70.15
	12/11/02		none present	7.16	0.00	69.28
	03/11/03		none present	5.01	0.00	71.43
	06/07/03		none present	6.97	0.00	69.47
	09/04/03		none present	6.45	0.00	69.99
	12/12/03		none present	8.90	0.00	67.54

TABLE 2-3
DEPTH TO GROUNDWATER/LNAPL MEASUREMENTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Well Identification	Date	Top of Casing Elevation (Feet)	Depth to LNAPL (Feet)	Depth to Water (Feet)	LNAPL Thickness (Feet)	Water Level Elevation (Feet)
VEW-08	06/13/00	76.43	none present	9.06	0.00	67.37
	09/14/00		none present	6.16	0.00	70.27
	12/21/00		none present	8.11	0.00	68.32
	03/15/01		none present	8.57	0.00	67.86
	06/25/01		none present	8.33	0.00	68.10
	09/19/01		none present	5.35	0.00	71.08
	10/03/01		none present	6.41	0.00	70.02
	12/19/01		none present	7.76	0.00	68.67
	03/20/02		none present	7.61	0.00	68.82
	06/04/02		none present	8.30	0.00	68.13
	09/23/02		none present	6.37	0.00	70.06
	12/11/02		none present	7.23	0.00	69.20
	03/11/03		none present	5.13	0.00	71.30

LNAPL = Light Non-Aqueous Phase Liquid
NA = Not Available
NM = Not Measured
Elevation is referenced to National Geodetic Vertical Datum 1929 (NGVD 1929)

Depth to LNAPL is measured from top of casing

Depth to water is measured from top of casing

3.0 Summary of Sampling and Laboratory Analytical Results

3.1 Vapor Monitoring

As a result of FDEP system deactivation approval, the Vapor Collection System (VCS) discharge stack was not sampled during the monitoring period from October 1, 2003 to December 31, 2003. Analytical results from previous sampling events are summarized on **Tables 3-1** and **3-2**. The pounds-per-day loading rate summary from previous sampling events is provided on **Table 3-3**.

To date, 23.03 pounds of VOCs have been removed from the subsurface via volatilization. It should be noted that this calculation does not take into account the reductions that were a result of biodegradation of the contaminants in the groundwater or the mass removed via recovery of LNAPL.

3.2 Groundwater Monitoring

As a result of substantial reductions in contaminant concentrations in groundwater sampled from monitoring wells at the Day Tank 1 site, the number of required monitoring locations was reduced on May 6, 2003 from twelve to seven by recommendation of the Department of Environmental Protection. Seven monitoring locations (two monitoring wells and five vapor extraction wells) at the site were sampled on December 12, 2003 for Volatile Organic Aromatics (VOA) and semi-volatile organic aromatics (SVOA) using USEPA Methods 8260B and 8270C-SIM, respectively.

All sampling points exhibited decreases in contaminant concentrations compared to the baseline groundwater-sampling event performed on January 25, 2000. Benzene and naphthalene concentrations in groundwater sampled from CEF-293-09 were greater than the Groundwater Cleanup Target Levels (GCTL) per Chapter 62-777 F.A.C, however the concentrations were less than the Natural Attenuation Default Source Concentrations (NADSC). The contaminant concentrations for all other monitoring locations were below the GCTLs for all constituents.

The locations of the monitoring/vapor extraction 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 3-4**.

Field parameters, including pH, temperature and specific conductivity, and dissolved oxygen (DO) were also measured during the sampling event. Temperature, pH, specific conductivity, and DO were measured with a Horibia® water quality meter & flow-through cell. The results are summarized on **Table 3-5.**

TABLE 3-1
Day Tank 1: Pre-Treatment Vapor
Analytical Results
NAS Cecil Field Jacksonville,
Florida

Compound	1/17/2001	2/13/2001	3/12/2001	4/16/2001	5/3/2001	5/29/2001	6/15/2001	7/17/2001	8/14/2001	9/27/2001	10/15/2001	11/20/2001	12/12/2001	1/30/2002	2/19/2002	3/11/2002	04/08/02	05/06/02	06/10/02	07/15/02	08/21/02	09/09/02	10/21/2002	11/22/2002	12/16/2002	1/21/2003	2/26/2003	3/20/2003	4/17/2003	5/21/2003	7/3/2003
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.85	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	550	446	932	317	457	460	170	280	140	ND	ND	40	60	ND	50	420	ND	ND	ND	ND	60	ND	ND	ND	ND	ND	ND	ND	15.0	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	957	662	1320	NA	898	860	380	530	60	ND	100	210	300	100	80	440	70	ND	ND	ND	270	180	ND	ND	ND	11	ND	ND	44.0	ND	ND
2-Chlorotoluene	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	152	144	165	70.3	79.6	430	170	240	160	ND	ND	50	70	ND	50	340	ND	ND	ND	ND	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha-Chlorotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Benzene	12	27	19	12	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.22	2.85	ND	14.9
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.8
Chloroform	ND	ND	ND	3.2	0.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.44	ND	6.39	ND	ND	ND
Chloromethane	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.25	1.88	ND	5.21
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ND	ND	3.1	3.6	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.50	3.00	ND	ND	3.00	ND	ND
Dichlorotetrafluroethane	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	134	213	198	91.9	98.8	190	90	120	ND	ND	ND	ND	ND	ND	ND	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.21	ND	ND
Freon 113	ND	93.6	27	20	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Freon 114	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexane	NA	NA	NA	NA	NA	840	380	410	ND	ND	80	140	150	ND	ND	120	60	ND	ND	ND	ND	99	ND	81	ND	9.68	ND	4.66	ND	ND	ND
m,p-Xylene	451	681	793	405	376	650	290	390	130	ND	120	90	80	ND	ND	250	ND	ND	ND	ND	90	ND	ND	ND	5.74	4.86	ND	125	5.74	ND	ND
m-Dichlorobenzene	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Tert Butyl Ether	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	9.3	2.3	0.41	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Dichlorobenzene	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
o-Xylene	432	370	581	200	344	330	140	170	60	ND	ND	50	60	ND	ND	120	ND	ND	ND	ND	80	ND	ND	ND	16.80	15	ND	ND	10.6	110	ND
p-Dichlorobenzene	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	230	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	39.1	79.4	63.6	32	33	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.2	ND	ND	ND	ND	2.30	ND	ND
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.3	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	1.3	0.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorotrifluoroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	105.0	322.0	156	101	ND	72.4	ND	ND	10.2
1,4-Dioxane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND
Propylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	87.5	2.1	ND	1.58	ND	ND	12.1	ND	66.5
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Butadiene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylisobutyl ketone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	156	39.20	17.10	ND	44.6	ND	ND	ND
Tetrahydrofuran	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	180	ND	1380	ND
Vinyl Acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Acetate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isoprpyl Alcohol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	19.8	ND	23.2	ND	17.9	ND	ND	62.8
2-Butanone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	33.6	ND	ND	7.5	31.2	ND	48.6
Xylenes (total)	880	1050	1370	607	720	980	430	ND	ND	ND	ND	140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	22.54	19.86	ND	125	16.34	110	ND
Total Volatile Organics (ug/m^3)	2727.1	2725.3	4104	1157.91	2327.86	3830	1620	2140	550	0	530	580	720	100	180	1860	130	0	0	0	570	279	192.5	590.1	276.38	189.86	0	517.07	130.88	1490	213

1. Total Volatile Organics = Sum of all detected Volatile Organic Compounds
2. When computing Total Volatile Organics, not detected compounds are assumed to be zero
3. From Feburary 2000 through May 2002, all samples were analyzed by EPA Method 18, TO-14. October 2002 samples were anaylzed by T0-15
4. All concentrations are in micrograms per cubic meter. (ug/m3)
5. ND= Not Detected (please see Appendix D for detection limits)
6. NA= Not Analyzed for listed parameter
7. No data available for period of April 2002 through September 2002
8. Sampling for June was conducted late, therefore data from the July 3, 2003 sampling event is included.

TABLE 3-2
POST-TREATMENT VAPOR ANALYTICAL RESULTS

DAY TANK 1 SVE/AIR SPARGE SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Compound	2/28/2000	3/7/2000	3/16/2000	3/23/2000
1,1,1-Trichloroethane	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND
1,2,4-Trimethylbenzene	1.5	0.74	0.83	ND
1,2-Dibromoethane	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND
2-Chlorotoluene	ND	ND	ND	ND
4-Ethyltoluene	ND	ND	ND	ND
Alpha-Chlorotoluene	ND	ND	ND	ND
Benzene	0.32	ND	0.86	ND
Bromoform	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND
Carbon Disulfide	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND
Chloroform	ND	ND	0.68	ND
Chloromethane	ND	0.63	0.70	0.98
cis-1,2-Dichloroethene	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND
Dichlorodifluoromethane	ND	0.78	1.5	1.6
Dichlorotetrafluroethane	ND	ND	ND	ND
Ethylbenzene	3.8	0.74	0.74	0.65
Freon 113	2.0	1.8	73	7.6
Freon 114	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND
Hexane	ND	ND	ND	ND
m,p-Xylene	5.2	1.1	1.6	1.1
m-Dichlorobenzene	6.6	5.6	5.0	3.9
Methyl Tert Butyl Ether	ND	ND	ND	ND
Methylene Chloride	1.4	ND	2.9	1.2
o-Dichlorobenzene	ND	ND	ND	ND
o-Xylene	1.7	0.56	0.61	0.52
p-Dichlorobenzene	0.66	ND	ND	ND
Styrene	6.8	1.3	1.2	2
Tetrachloroethene	0.94	4.3	3.4	ND
Toluene	13.0	1	34	1.4
trans-1,2-Dichloroethene	ND	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND	ND
Trichlorotrifluoroethane	ND	ND	ND	ND
Vinyl Chloride	ND	0.56	0.25	ND
Xylenes (total)	6.9	1.6	2.2	1.6
Total Volatile Organics	43.92	19.11	127.27	20.95

Note:
1. Total Volatile Organics = Sum of all detected volatile organic compounds
2. In computing Total Volatile Organics not detected compounds were assumed to be zero.
3. All samples were analyzed by EPA Method 18, TO-14.
4. All concentrations are in micrograms per cubic meter.
5. ND= Not Detected, please see Appendix D for detection limits

TABLE 3-3
POUNDS PER DAY LOADING/EMISSIONS RATES
DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

Location	Sample Date	Flow Rate (SCFM)	Total VOC Concentration (mg/m^3)	Loading Rate (lbs/day)
Pre-Treatment	2/28/2000	44	8.842	0.035
	3/7/2000	56	20.54	0.103
	3/16/2000	61	7.399	0.041
	3/23/2000	46	19.26	0.080
	5/30/2000	44	30.42	0.120
	6/19/2000	45	33.25	0.135
	7/24/2000	50	34.08	0.153
	8/15/2000	49	10.55	0.046
	9/18/2000	51	4.13	0.019
	10/18/2000	48	0.79	0.003
	11/13/2000	48	4.69	0.020
	12/11/2000	48	3.78	0.016
	1/17/2001	45	2.27	0.009
	2/13/2001	49	2.730	0.012
	3/12/2001	70	4.104	0.026
	4/16/2001	63	1.764	0.010
	5/3/2001	65	3.047	0.018
	5/29/2001	70	4.810	0.030
	6/15/2001	70	2.050	0.013
	7/17/2001	70	2.140	0.013
	8/14/2001	60	0.550	0.003
	9/27/2001	75	0.000	0.000
	10/15/2001	70	0.530	0.003
	11/20/2001	70	0.580	0.004
	12/12/2001	70	0.720	0.005
	1/30/2002	70	0.100	0.001
	2/19/2002	70	0.180	0.001
	3/11/2002	70	1.860	0.012
	4/8/2002	70	0.130	0.001
	5/6/2002	77	0.000	0.000
	6/10/2002	77	0.000	0.000
	7/15/2002	75	0.000	0.000
	8/21/2002	70	0.570	0.004
	9/9/2002	65	0.279	0.002
	10/21/2002	39	0.193	0.001
	11/22/2002	125	0.590	0.007
	12/16/2002	46	0.276	0.001
	1/21/2003	NM	0.189	--
	2/24/2003	NM	0.000	--
	3/20/2003	120	0.517	0.006
	4/17/2003	114	0.131	0.001
	5/21/2003	NM	1.490	--
	7/3/2003	118	0.213	0.002
Post-Treatment	2/28/2000	44	0.044	0.00017
	3/7/2000	56	0.019	0.00010
	3/16/2000	61	0.127	0.00070
	3/23/2000	46	0.030	0.00012

NOTE: Sample date for 10/21/02-7/3/03 is the date of Total VOC sample, Flow Rate sample data is 10/17/02, 11/14/02, 12/19/02, 3/13/03, 4/10/03, and 6/27/03. June air sampling event was not performed, therefore July 3, 2002 data is included.

TABLE 3-4
Groundwater Analytical Results
NAS Cecil Field, Jacksonville, Florida

Sample I.D.	Date	Benzene	Ethylbenzene	Toluene	Xylenes (total)	Acenapthylene	Acenapthene	Fluoranthene	Pyrene	Chrysene	Benzo (a) anthracene	Benzo(b) Fluoranthene	Benzo(k) Fluoranthene	Benzo(a) Pyrene	Benzo(g,h,i) Perylene	Indeno (1,2,3-cd) Pyrene	Naphthalene by Method 8270C-SIM	Napthalene by Method 8260	1-Methylnapthalene	2-Methylnapthalene	Phenanthrene	Fluorene	Isopropylbenzene	Chloroform	n-Propylbenzene	sec-Butylbenzene	n-Butylbenzene	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene
CEF-293-04	01/25/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/21/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/25/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/19/01	0.18	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/19/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/20/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/04/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/23/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/09/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
CEF 293-09	01/25/00	43.1	602	826	2150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	378	--	128	182	ND	--	--	--	--	--	--	--	--
	06/13/00	ND	1.4	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/21/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/25/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/19/01	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/19/01	ND	0.28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/20/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/05/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/23/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/09/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/06/03	3.8	4.3	ND	20.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.9	--	ND	ND	ND	ND	5.8	ND	--	--	ND	ND	ND
	09/02/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.36	--	0.20	ND	ND	ND	ND	ND	--	--	ND	ND	ND
	12/12/03	2.9	5.8	ND	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47.5	98	19.4	18.4	ND	ND	11.8	ND	12.5	3.3	1.9	2.3	ND
CEF 293-13	01/25/00	57.6	43	2.3	70.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	124	--	54.2	68	ND	--	--	--	--	--	--	--	--
	06/13/00	128	124	3.1	193	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	157	--	64.2	82.2	ND	--	--	--	--	--	--	--	--
	09/14/00	112	106	2.2	161	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	163	--	61.1	75	ND	--	--	--	--	--	--	--	--
	12/21/00	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40.7	--	29.6	39.2	ND	--	--	--	--	--	--	--	--
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6	--	15.5	20.6	ND	--	--	--	--	--	--	--	--
	06/25/01	0.24	1.3	ND	0.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	--	7	11	0.22	--	--	--	--	--	--	--	--
	09/19/01	ND	0.13	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	0.86	1.9	ND	--	--	--	--	--	--	--	--
	12/19/01	ND	0.53	ND	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38	--	0.97	1.8	0.3	--	--	--	--	--	--	--	--
	03/20/02	ND	0.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	0.61	ND	--	--	--	--	--	--	--	--
	06/04/02	ND	0.44	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	0.63	0.26	--	--	--	--	--	--	--	--
	09/23/02	ND	0.4	ND	0.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	0.34	ND	0.26	--	--	--	--	--	--	--	--
	12/09/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/11/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
CEF 293-20	01/25/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/21/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/25/01	0.67	0.25	0.37	0.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	54	--	19	21	0.34	--	--	--	--	--	--	--	--
	09/19/01	0.72	0.35	ND	1.13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/19/01	0.68	ND	0.52	0.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/20/02	0.45	ND	ND	0.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/04/02	0.77	0.39	0.47	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.99	--	ND	0.24	ND	--	--	--	--	--	--	--	--
	09/23/02	0.55	0.3	0.24	0.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.61	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/11/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--

TABLE 3-4
Groundwater Analytical Results
NAS Cecil Field, Jacksonville, Florida

Sample I.D.	Date	Benzene	Ethylbenzene	Toluene	Xylenes (total)	Acenapthylene	Acenapthene	Fluoranthene	Pyrene	Chrysene	Benzo (a) anthracene	Benzo(b) Fluoranthene	Benzo(k) Fluoranthene	Benzo(a) Pyrene	Benzo(g,h,i) Perylene	Indeno (1,2,3-cd) Pyrene	Naphthalene by Method 8270C-SIM	Napthalene by Method 8260	1-Methylnapthalene	2-Methylnapthalene	Phenanthrene	Fluorene	Isopropylbenzene	Chloroform	n-Propylbenzene	sec-Butylbenzene	n-Butylbenzene	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene
CEF 293-22	01/25/00	24.2	19.4	0.88	47.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	142	--	59.6	67	ND	--	--	--	--	--	--	--	--
	06/13/00	43.2	60.6	5.5	218	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	188	--	80.3	95.4	ND	--	--	--	--	--	--	--	--
	09/14/00	6.4	8.4	ND	20.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	38.7	--	22	25.1	ND	--	--	--	--	--	--	--	--
	12/21/00	19.7	9.7	<1	11.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	95	--	31.6	42.4	ND	--	--	--	--	--	--	--	--
	03/15/01	32.6	28.2	0.97	72.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	148	--	49.7	71.3	ND	--	--	--	--	--	--	--	--
	06/25/01	25	12	ND	18.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	45	--	16	22	ND	--	--	--	--	--	--	--	--
	09/19/01	1.9	0.44	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.9	--	4.8	6.8	ND	--	--	--	--	--	--	--	--
	12/19/01	8.7	1.2	ND	1.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34.2	--	13.4	17	0.57	--	--	--	--	--	--	--	--
	03/20/02	2.2	0.43	ND	0.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.8	--	14	17.8	0.57	--	--	--	--	--	--	--	--
	06/04/02	1	0.92	ND	0.6	0.28	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	20.5	--	21.6	26.2	2.3	--	--	--	--	--	--	--	--
	09/23/02	0.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	--	5.9	8.5	0.52	--	--	--	--	--	--	--	--
	12/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	2.66	1.79	ND	--	--	--	--	--	--	--	--
	03/11/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	2.4	ND	--	--	--	--	--	--	--	--
	06/09/03	ND	ND	ND	ND	ND	ND	ND	0.11	ND	ND	ND	ND	ND	ND	ND	0.64	--	4.97	3.76	0.21	0.13	ND	ND	--	--	ND	ND	ND
	09/02/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	1.34	0.96	0.12	ND	ND	ND	--	--	ND	ND	ND
	12/12/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.07	0.88	0.23	ND	ND	ND	ND	ND	ND	ND	ND
VEW-01	01/25/00	18.5	257	59.4	726	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	350	--	220	307	ND	--	--	--	--	--	--	--	--
	06/13/00	FREE PRODUCT																											
	09/14/00	FREE PRODUCT																											
	12/21/00	FREE PRODUCT																											
	03/15/01	FREE PRODUCT																											
	06/25/01	FREE PRODUCT																											
	09/19/01	FREE PRODUCT																											
	10/03/01	FREE PRODUCT																											
	12/19/01	FREE PRODUCT																											
	03/20/02	FREE PRODUCT																											
	06/04/02	FREE PRODUCT																											
	09/23/02	FREE PRODUCT																											
	12/10/02	FREE PRODUCT																											
	03/11/03	FREE PRODUCT																											
	06/07/03	FREE PRODUCT																											
VEW-02	01/25/00	91.6	149	29.2	573	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	283		118	139	ND	--	--	--	--	--	--	--	--
	06/13/00	FREE PRODUCT																				--	--	--	--	--	--	--	--
	09/14/00	ND	ND	ND	156	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/21/00	FREE PRODUCT																				--	--	--	--	--	--	--	--
	03/15/01	FREE PRODUCT																				--	--	--	--	--	--	--	--
	06/25/01	FREE PRODUCT																				--	--	--	--	--	--	--	--
	09/19/01	ND	14	ND	7.1	NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	ND	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	2.1	ND	5.9	0.28	0.69	ND	0.76	0.49	0.51	1.8	ND	ND	--	4.6	2.2	2.1	--	--	--	--	--	--	--	--
	12/19/01	ND	22	ND	12.6	8.9	2.2	11.6	18.2	1.3	1.2	0.93	0.86	ND	0.34	0.38	ND	--	19.3	18.7	7.5	--	--	--	--	--	--	--	--
	03/20/02	ND	ND	ND	0.85	ND	0.39	0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	0.84	0.96	ND	--	--	--	--	--	--	--	--
	06/05/02	ND	0.45	ND	0.62	0.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	0.42	--	--	--	--	--	--	--	--
	09/23/02	ND	ND	ND	0.21	0.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	0.24	0.3	--	--	--	--	--	--	--	--
	12/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/11/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/07/03	ND	ND	ND	ND	ND	ND	ND	0.16	ND	ND	ND	ND	ND	ND	ND	ND	--	1.06	0.42	ND	ND	ND	ND	--	--	3.2	2.3	6.00
	09/04/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	1.4	0.54	ND	ND	ND	ND	--	--	ND	ND	3.90
	12/12/03	ND	ND	ND	3.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	0.18	ND	ND	ND	3.2	ND	ND	ND	ND	2.2	1.60
VEW-03	01/25/00	24.4	85.6	11.5	128	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	220	--	78	102	ND	--	--	--	--	--	--	--	--
	06/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/21/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/25/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/19/01	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/19/01	ND	ND	ND	0.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/20/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/04/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	0.22	ND	--	--	--	--	--	--	--	--
	09/23/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/09/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/11/03	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/06/03	ND	ND	ND	4.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	1.8	--	--	ND	ND	ND
	09/02/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND
	12/12/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	ND	ND	ND	ND	ND	ND

TABLE 3-4
Groundwater Analytical Results
NAS Cecil Field, Jacksonville, Florida

Sample I.D.	Date	Benzene	Ethylbenzene	Toluene	Xylenes (total)	Acenapthylene	Acenapthene	Fluoranthene	Pyrene	Chrysene	Benzo (a) anthracene	Benzo(b) Fluoranthene	Benzo(k) Fluoranthene	Benzo(a) Pyrene	Benzo(g,h,i) Perylene	Indeno (1,2,3-cd) Pyrene	Naphthalene by Method 8270C-SIM	Napthalene by Method 8260	1-Methylnapthalene	2-Methylnapthalene	Phenanthrene	Fluorene	Isopropylbenzene	Chloroform	n-Propylbenzene	sec-Butylbenzene	n-Butylbenzene	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene
VEW-04	01/25/00	81	138	7.8	288	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	232	--	88.7	108	ND	--	--	--	--	--	--	--	--
	06/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/21/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/25/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/19/01	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/19/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/20/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/04/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/23/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/11/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/07/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND
	09/02/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND
	12/12/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VEW-05	01/25/00	118	72.5	11.3	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	194	--	59.8	86.1	ND	--	--	--	--	--	--	--	--
	06/13/00	33.2	ND	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/21/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/25/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/19/01	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/19/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/20/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/04/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/23/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/09/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/11/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/06/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND
	09/02/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	--	--	ND	ND	ND
	12/12/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VEW-06	01/25/00	31.1	97.9	12.7	283	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	189	--	64.6	77.2	ND	--	--	--	--	--	--	--	--
	06/13/00	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/21/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/25/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/19/01	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/19/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/20/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/04/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/23/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/09/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/11/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
VEW-07	01/25/00	48	213	97.8	459	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	481	--	172	210	ND	--	--	--	--	--	--	--	--
	06/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/21/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/15/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/25/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/19/01	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/19/01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/20/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/05/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/23/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/09/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/11/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	06/07/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	1.6	--	--	ND	ND	ND
	09/02/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	0.13	ND	ND	ND	ND	ND	--	--	ND	ND	ND
	12/12/03	ND	ND	ND	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2	ND	ND	ND	ND	ND	ND

TABLE 3-4
Groundwater Analytical Results
NAS Cecil Field, Jacksonville, Florida

Sample I.D.	Date	Benzene	Ethylbenzene	Toluene	Xylenes (total)	Acenapthylene	Acenapthene	Fluoranthene	Pyrene	Chrysene	Benzo (a) anthracene	Benzo(b) Fluoranthene	Benzo(k) Fluoranthene	Benzo(a) Pyrene	Benzo(g,h,i) Perylene	Indeno (1,2,3-cd) Pyrene	Naphthalene by Method 8270C-SIM	Napthalene by Method 8260	1-Methylnapthalene	2-Methylnapthalene	Phenanthrene	Fluorene	Isopropylbenzene	Chloroform	n-Propylbenzene	sec-Butylbenzene	n-Butylbenzene	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene
VEW-08	01/25/00	53.4	242	4.5	451	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	393	--	124	162	ND	--	--	--	--	--	--	--	--
	06/13/00	4	41.8	1.4	37.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	86.6	--	44.9	39.6	ND	--	--	--	--	--	--	--	--
	09/14/00	ND	4.8	ND	5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.5	--	6.5	5.2	ND	--	--	--	--	--	--	--	--
	12/21/00	ND	10.6	<1	9.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.7	--	16	17.1	ND	--	--	--	--	--	--	--	--
	03/15/01	ND	6.4	ND	5.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.7	--	3.7	3.8	ND	--	--	--	--	--	--	--	--
	06/25/01	ND	1.5	ND	0.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.36	--	0.46	0.96	ND	--	--	--	--	--	--	--	--
	09/19/01	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	--	--	--	--	--	--	--	--
	10/03/01	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.16	--	ND	0.5	ND	--	--	--	--	--	--	--	--
	12/19/01	ND	1.9	ND	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	0.84	0.67	ND	--	--	--	--	--	--	--	--
	03/20/02	ND	0.89	ND	0.88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	--	0.95	1.2	ND	--	--	--	--	--	--	--	--
	06/05/02	ND	1.7	ND	2.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	09/23/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	12/10/02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
	03/11/03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	--	--	--	--	--	--	--	--
Cleanup Goal - RAP		1	NA	NA	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GCTL		1	30	40	20	210	20	280	210	4.8	0.2	0.2	0.5	0.2	210	0.2	20	20	20	20	210	280	--	5.7	--	--	--	10	10
NADSC		100	300	400	200	2100	200	2800	2100	480	20	20	50	20	2100	20	200	200	200	200	2100	2800	--	570	--	--	--	100	100

Notes:
1. All concentrations are in µg/L.
2. No data for June, September, and October 2002 has been received.
3. ND= Not Detected, please see Appendix C for detection limits
4. NS = Not Sampled
5. NA = Not Analyzed

= Greater than GCTL
= Greater than NADSC

TABLE 3-5
GROUNDWATER FIELD ANALYTICAL RESULTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

	Date	ph (s. u.)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Temperature (^oC)
CEF-293-4	1/25/2000	6.69	0.218	NM	21.3
	6/13/2000	6.15	0.259	-0.50	26.3
	9/14/2000	6.30	0.246	1.94	27.4
	12/21/2000	8.44	0.263	2.90	20.5
	3/15/2001	6.30	0.247	1.22	20.6
	6/25/2001	6.22	0.259	NM	25.2
	9/19/2001	6.06	0.416	0.57	26.3
	12/19/2001	7.22	0.232	3.75	22.7
	3/20/2002	6.19	0.244	3.19	21.2
	6/4/2002	6.23	0.241	3.09	26.4
	9/24/2002	6.23	0.212	1.44	27.4
	12/9/2002	5.51	NM	2.80	24.6
	3/11/2003	4.74	0.225	1.11	18.43
CEF-293-9	1/25/2000	5.99	0.088	NM	21.4
	6/13/2000	5.55	0.068	-0.36	24.6
	9/14/2000	6.03	0.830	2.82	26.0
	12/21/2000	7.71	0.075	5.50	22.4
	3/15/2001	6.29	0.066	7.80	20.7
	6/25/2001	6.31	0.094	NM	23.3
	9/19/2001	5.94	0.244	4.93	25.0
	12/19/2001	7.19	0.079	5.88	23.2
	3/20/2002	7.03	0.119	6.33	21.8
	6/4/2002	7.00	0.235	3.90	24.2
	9/23/2002	6.70	0.221	5.99	26.1
	12/9/2002	5.48	NM	6.60	24.0
	3/11/2003	5.90	0.29	4.29	20.9
	6/6/2003	6.00	0.472	0.00	23.26
	9/2/2003	5.84	0.730	0.93	26.10
	9/2/2003	5.84	0.730	0.93	26.1
CEF-293-13	1/25/2000	5.64	0.039	NM	21.4
	6/13/2000	4.99	0.068	-0.33	24.4
	9/14/2000	4.87	0.054	2.14	26.1
	12/21/2000	7.41	0.075	1.42	21.5
	3/15/2001	5.50	0.063	2.14	19.8
	6/25/2001	5.01	0.069	NM	24.4
	9/19/2001	5.43	0.157	2.34	26.9
	12/19/2001	6.22	0.068	2.22	23.0
	3/20/2002	5.44	0.099	1.32	21.1
	6/4/2002	5.79	0.115	1.54	26.1
	9/23/2002	5.18	0.112	0.55	28.2
	12/9/2002	4.98	NM	0.50	23.9
	3/11/2003	5.30	0.105	1.7	20.0

TABLE 3-5
GROUNDWATER FIELD ANALYTICAL RESULTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

	Date	ph (s. u.)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Temperature (^oC)
CEF-293-20	1/25/2000	5.96	0.062	NM	20.8
	6/13/2000	5.04	0.083	-0.16	27.0
	9/14/2000	5.19	0.100	1.38	29.3
	12/21/2000	7.65	0.101	2.24	24.6
	3/15/2001	5.49	0.105	2.78	23.4
	6/25/2001	4.83	0.103	NM	26.3
	9/19/2001	5.34	0.149	2.00	29.0
	12/19/2001	7.17	0.113	2.34	24.8
	3/20/2002	5.99	0.234	1.90	23.6
	6/4/2002	5.84	0.198	1.49	27.7
	9/23/2002	5.99	0.317	0.17	30.2
	12/10/2002	3.90	NM	0.55	24.2
	3/11/2003	6.09	0.098	1.22	24.0
CEF-293-22	1/25/2000	6.44	0.126	NM	23.0
	6/13/2000	5.71	0.180	-0.47	27.7
	9/14/2000	5.74	0.812	1.83	28.0
	12/21/2000	8.14	0.573	2.80	23.1
	3/15/2001	5.86	0.230	2.27	22.0
	6/25/2001	5.55	0.365	NM	25.2
	9/19/2001	5.69	1.030	3.22	27.6
	12/19/2001	6.91	0.416	2.30	24.0
	3/20/2002	5.87	0.463	6.50	21.8
	6/4/2002	5.80	0.345	1.74	26.8
	9/23/2002	5.74	0.677	0.58	28.5
	12/9/2002	5.00	NM	0.60	24.8
	3/11/2003	3.95	0.51	3.13	21.5
	6/7/2003	5.72	0.43	0.12	25.9
	9/2/2003	5.57	0.93	0.72	28.75
	12/12/2003	5.63	0.626	4.24	24.35
VEW-1	1/25/2000	5.33	0.057	NM	23.0
	6/13/2000	NM	NM	NM	NM
	9/14/2000	NM	NM	NM	NM
	12/21/2000	NM	NM	NM	NM
	3/15/2001	NM	NM	NM	NM
	6/25/2001	NM	NM	NM	NM
	9/19/2001	NM	NM	NM	NM
	12/19/2001	NM	NM	NM	NM
	3/20/2002	NM	NM	NM	NM
	6/4/2002	NM	NM	NM	NM
	9/23/2002	NM	NM	NM	NM
	12/9/2002	NM	NM	NM	NM
	3/11/2003	NM	NM	NM	NM
	6/7/2003	NM	NM	NM	NM

TABLE 3-5
GROUNDWATER FIELD ANALYTICAL RESULTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

	Date	ph (s. u.)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Temperature (^oC)
VEW-2	1/25/2000	5.63	0.085	NM	22.7
	6/13/2000	NM	NM	NM	NM
	9/14/2000	6.20	0.114	2.26	26.2
	12/21/2000	NM	NM	NM	NM
	3/15/2001	NM	NM	NM	NM
	6/25/2001	NM	NM	NM	NM
	9/19/2001	6.04	0.137	5.06	26.7
	12/19/2001	7.00	0.095	2.26	24.8
	3/20/2002	6.47	0.084	3.82	23.5
	6/5/2002	6.46	0.096	2.89	25.5
	9/23/2002	6.46	0.102	2.40	27.6
	12/10/2002	5.20	NM	0.80	25.2
	3/11/2003	5.90	0.11	2.51	21.1
	6/7/2003	6.09	0.13	0.00	22.9
	9/4/2003	5.60	0.34	1.34	26.85
	12/12/2003	5.82	0.563	4.01	22.78
VEW-3	1/25/2000	5.90	0.070	NM	22.1
	6/13/2000	4.86	0.034	-0.57	26.2
	9/14/2000	5.44	0.040	5.23	26.8
	12/21/2000	7.74	0.047	6.02	22.8
	3/15/2001	6.24	0.047	8.02	21.8
	6/25/2001	4.80	0.056	NM	24.7
	9/19/2001	6.38	0.130	5.86	26.9
	12/19/2001	6.94	0.057	6.79	23.9
	3/20/2002	5.64	0.081	5.91	23.0
	6/4/2002	5.51	0.089	5.35	25.7
	9/23/2002	6.57	0.130	5.33	28.1
	12/9/2002	4.56	NM	7.40	24.9
	3/11/2003	4.84	0.17	6.06	21.3
	6/7/2003	5.61	0.16	0.34	25.1
	9/2/2003	5.06	0.31	0.51	27.4
	12/12/2003	5.1	0.354	0.66	24.6
VEW-4	1/25/2000	5.59	0.078	NM	23.0
	6/13/2000	NM	NM	NM	NM
	9/14/2000	6.48	0.086	2.48	26.6
	12/21/2000	7.92	0.045	4.55	23.8
	3/15/2001	5.31	0.045	6.81	22.2
	6/25/2001	5.40	0.045	NM	24.8
	9/19/2001	6.59	0.098	5.64	26.8
	12/19/2001	7.42	0.050	5.34	24.0
	3/20/2002	6.54	0.060	5.96	22.5
	6/4/2002	5.27	0.054	4.77	27.6
	9/23/2002	5.77	0.056	5.93	27.8
	12/10/2002	5.00	NM	5.60	25.1
	3/11/2003	4.35	0.126	5.85	22.4
	6/7/2003	5.60	0.109	0.00	25.1
	9/2/2003	5.35	0.277	0.00	27.53
	12/12/2003	5.37	0.358	0.28	24.34

TABLE 3-5
GROUNDWATER FIELD ANALYTICAL RESULTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

	Date	ph (s. u.)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Temperature (^oC)
VEW-5	1/25/2000	6.28	0.113	NM	21.5
	6/13/2000	4.87	0.080	-0.59	25.5
	9/14/2000	5.96	0.066	3.23	26.8
	12/21/2000	7.84	0.069	3.42	21.6
	3/15/2001	5.58	0.061	5.80	20.7
	6/25/2001	5.35	0.060	NM	24.7
	9/19/2001	6.14	0.106	4.78	27.4
	12/19/2001	6.74	0.057	5.03	22.9
	3/20/2002	6.17	0.074	6.85	21.7
	6/4/2002	5.52	0.082	3.81	25.6
	9/23/2002	6.23	0.094	4.51	28.3
	12/9/2002	NM	NM	5.80	24.1
	3/11/2003	4.35	0.104	5.25	20.7
	6/6/2003	5.10	0.122	0.02	24.7
	9/2/2003	4.84	0.319	0.08	27.7
	12/12/2003	4.68	0.278	0.36	23.62
VEW-6	1/25/2000	5.78	0.076	NM	21.4
	6/13/2000	5.28	0.151	-0.60	26.0
	9/14/2000	8.81	0.066	3.08	26.9
	12/21/2000	7.37	0.083	4.33	22.3
	3/15/2001	6.57	0.127	7.26	20.9
	6/25/2001	5.54	0.064	NM	25.3
	9/19/2001	6.30	0.145	5.18	27.3
	12/19/2001	6.61	0.050	5.76	23.8
	3/20/2002	6.39	0.120	5.98	22.5
	6/4/2002	6.08	0.160	4.25	26.0
	9/23/2002	6.10	0.171	4.80	28.2
	12/9/2002	4.61	NM	6.10	24.7
	3/11/2003	4.37	0.158	5.15	21.4
VEW-7	1/25/2000	5.63	0.074	NM	21.8
	6/13/2000	5.12	0.126	-0.56	24.9
	9/14/2000	5.52	0.070	2.22	25.8
	12/21/2000	7.78	0.700	2.67	22.5
	3/15/2001	5.96	0.068	6.65	21.5
	6/25/2001	5.60	0.078	NM	24.0
	9/19/2001	5.49	0.109	8.56	25.4
	12/19/2001	6.83	0.064	3.04	23.3
	3/20/2002	6.20	0.075	4.71	22.5
	6/5/2002	6.24	0.083	2.60	24.5
	9/24/2002	5.76	0.071	0.66	25.8
	12/10/2002	4.90	NM	0.65	24.3
	3/11/2003	4.98	0.111	2.69	18.5
	6/7/2003	5.70	0.134	0.00	22.0
	9/4/2003	5.01	0.318	2.26	25.3
	12/12/2003	5.07	0.469	0.17	23.18

TABLE 3-5
GROUNDWATER FIELD ANALYTICAL RESULTS

DAY TANK 1 BIOSPARGE/VAPOR COLLECTION SYSTEM
NAS CECIL FIELD
JACKSONVILLE, FLORIDA

	Date	ph (s. u.)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	Temperature (^oC)
VEW-8	1/25/2000	6.29	0.206	NM	22.1
	6/13/2000	5.60	0.219	-0.60	24.2
	9/14/2000	5.77	0.118	1.92	25.9
	12/21/2000	7.87	0.156	1.31	22.5
	3/15/2001	6.35	0.137	2.06	21.2
	6/25/2001	5.86	0.128	NM	23.4
	9/19/2001	4.69	0.162	7.21	25.5
	12/19/2001	5.5	0.089	3.75	23.0
	3/20/2002	6.14	0.134	1.41	22.3
	6/5/2002	6.11	0.153	1.83	24.4
	9/23/2002	5.45	0.145	1.09	26.3
	12/10/2002	5.10	NM	0.20	24.6
	3/11/2003	3.58	0.108	2.95	18.68

s. u. = standard units
mS/cm = milli siemens per centimeter
mg/L = Milligrams per liter
^oC = degrees Centigrade
NM = not measured

4.0 Conclusions and Recommendations

Groundwater sampled from one monitoring wells (CEF-293-22) and five vapor extraction wells (VEW-2, -3, -4, -5, and -7) were found to have contaminant concentrations less than the GCTL specified by Chapter 62-777 FAC. Groundwater sampled from one monitoring well (CEF-293-09) had benzene and naphthalene concentrations greater than the GCTL.

Vapor extraction well VEW-1 was not sampled during the monitoring period due to the presence of LNAPL during previous quarters. LNAPL has been bailed periodically from VEW-1 since October 2000, and a total of approximately 18.9 gallons has been recovered to date. No LNAPL was discovered in VEW-1 during the fourth quarter 2003.

It is recommended that the wells should continue to be sampled and analyzed quarterly for VOAs and SVOAs to evaluate rebound, and that VEW-1 be sampled during the 1st quarter 2004 sampling event to ensure that the groundwater in this area has indeed been remediated.

5.0 References

ABB Environmental Services, Inc. January 1997. Remedial Action Plan, Day Tank 1, Facility 293, Naval Air Station Cecil Field, Jacksonville, Florida.

CH2M HILL Constructors, Inc. January 2000. Work Plan Addendum No. 03, Day Tank 1 Biosparge and Vapor Collection System Installation, Naval Air Station Cecil Field, Jacksonville, Florida.

APPENDICES

A	*December 2003 Laboratory Analytical Reports for Groundwater Samples*
B	*4th Quarter 2003 Groundwater Sampling Logs*

APPENDIX A

December 2003 Laboratory Analytical Reports for Groundwater Samples

---

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 0 0 0 1	DATE: 12/15/03
TAI QUOTE NO: 09230210902	PURCHASE ORDER NO 04-4001/5.4.2	TERRAINE TASK NO.	PAGE: 1 of 1
		[redacted] 5.4.2	

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

QC DELIVERABLES
- ☒ STANDARD
- ☐ LEVEL 2
- ☐ LEVEL 3
- ☐ LEVEL 4

SITE DESCRIPTION: Day Tank 1
SITE ADDRESS (STREET, CITY, STATE): NAS Cecil Field, Jacksonville, Florida
PROJECT CONTACT (PRINT): James L. Young | PROJECT CONTACT TELEPHONE: 305-490-7702 | PROJECT CONTACT E-MAIL: jy@terraine.com
PROJECT ID #:
CONTRACT NO / CONTRACT TASK ORDER NO (IF REQUIRED): N62467-02-G-0352 / CTO#0001
SAMPLES SAMPLED BY (PRINT): K. Baer / L. Wolski
SAMPLES SAMPLED BY (Signature):
LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): ☒ STD ☐ 10 DAYS ☐ 5 DAYS ☐ 3 DAYS ☐ <24 HRS
ELECTRONIC DELIVERABLES: ☒ FAX RESULTS ☒ E-MAIL PDF ☒ 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	DTBX / MTBE (8021B, 602, 8260B)	BTEX / MTBE + Oxygenates (8260B)	VOCs (8260B)	VOCs Aromatic (8021B)	VOCs Halogenated (8021B)	PAH (8270)	Metals (6010/7)	THPH (418.1, FL-PRO)	Vapor VOCs (BTEX, MTBE/GRO (EPA-18, TO-15)	Vapor VOCs Full List (EPA-18, TO-15)	Pre Burn (8021, Halogenated, FL-Pro, As, Cd, Cr, Pb)	8 RCRA Metals	4 RCRA Metals (As, Cd, Cr, Pb)						Container PID Readings or Laboratory Notes/Remarks
	CEF-293-22	12/12/03	16:40	GW	3			2		5					X			X													
	CEF-293-9	12/12/03	15:43	GW	3			2		5					X			X													
	VEW-7	12/12/03	17:43	GW	3			2		5					X			X													
	VEW-2	12/12/03	18:15	GW	3			2		5					X			X													
	VEW-3	12/12/03	16:14	GW	3			2		5					X			X													
	VEW-4	12/12/03	17:32	GW	3			2		5					X			X													
	VEW-5	12/12/03	17:02	GW	3			2		5					X			X													
	Trip Blank	12/12/03		DI	1					1					X																
	EB-DAYTANK1	12/12/03	18:04	GW	3			1		4					X			X													

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]			
Relinquished by (Signature)	Received by (Signature)	Date	Time
Relinquished by (Signature)	Received by (Signature)	Date	Time

(5/01 Revision)

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

TAI ACCOUNT NO: 9463 | NAME OF PM TO BILL: James L. Young
TAI QUOTE NO: 09230210902 | PURCHASE ORDER NO 04-40001/5.4.2

TERRAINE PROJECT NO. 0 4 - 4 0 0 0 1

TERRAINE TASK NO. [redacted] 5.4.2

DATE: 12/15/03
PAGE: 1 of 1

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: jy@terraine.com

QC DELIVERABLES
- ☑ STANDARD
- ☐ LEVEL 2
- BATCH QC
- ☐ LEVEL 3
- ☐ LEVEL 4

SITE DESCRIPTION: Day Tank 1
SITE ADDRESS (STREET, CITY, STATE): NAS Cecil Field, Jacksonville, Florida
PROJECT CONTACT (Report to): James L. Young | PROJECT CONTACT TELEPHONE: 305-490-7702 | PROJECT CONTACT EMAIL: jy@terraine.com
FACILITY ID NO.:
CONTRACT ID / CONTRACT TASK ORDER NO (for Federal Projects): N62467-02-G-0352 / CTO#0001
SAMPLER NAME (Print): K. Baer / L. Nolaki
SAMPLER NAME (Signature): K Baer
LAB USE ONLY: 358003

TURNAROUND TIME (BUSINESS DAYS): ☑ STD ☐ 10 DAYS ☐ 5 DAYS ☐ 3 DAYS ☐ <24 HRS
ELECTRONIC DELIVERABLES: ☑ FAX RESULTS ☑ E-MAIL PDF ☑ 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, SOIL, SOIL, SLUDGE, WATER, ETC)	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purgeable (8015) GRO	TPH - Extractable (8015) DRO	BTEX / MTBE (8021B, 602, 624/8260)	BTEX / MTBE + Oxygenates (8260B)	VOCs (8260B)	VOCs Aromatic (8021B)	VOCs Halogenated (8021B)	PAH (8270)	Metals (Specify)	TRPH (418.1, FL-PRO)	Vapor VOCs BTEX, MTBE/GRO (EPA-18)	Vapor VOCs Full List (EPA-18, TO-15)	Fire burn (8021, Halogenated, FL-Pro, As, Cd, Cr, Pb)	8 RCRA Metals	4 RCRA Metals (As, Cd, Cr, Pb)						Container PID Readings or Laboratory Notes/Remarks
	CEF-293-22	12/12/03	16:40	GW	3			2		5					X			X													195567
	CEF-293-9	12/12/03	15:43	GW	3			2		5					X			X													68
	VEW-7	12/12/03	17:43	GW	3			2		5					X			X													69
	VEW-2	12/12/03	18:15	GW	3			2		5					X			X													70
	VEW-3	12/12/03	16:14	GW	3			2		5					X			X													71
	VEW-4	12/12/03	17:32	GW	3			2		5					X			X													72
	VEW-5	12/12/03	17:02	GW	3			2		5					X			X													73
	Trip Blank	12/12/03		GW	3					3					X																74
	EB-DAYTANK1	12/12/03	18:04	GW	3			1		4					X			X													195575

Relinquished by (Signature)	Received by (Signature)	Date	Time
K Baer	J Jones	12/16/03	815
Relinquished by (Signature)	Received by (Signature)	Date	Time
Relinquished by (Signature)	Received by (Signature)	Date	Time

GI 01 Revision

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

COOLER RECEIPT FORM BC# 358003

Client: Terraine

Cooler Received On: 12/16/03 **And Opened On:** 12/16/03 **By:** James Jacobs

(Signature)

1. Temperature of Cooler when opened 2.4 **Degrees Celsius**
2. Were custody seals on outside of cooler?.....YES...NO...NA
   a. If yes, how many, what kind and where: 1 Tape Front
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. See attached for resolution of non-conformance: Seal not signed or dated 1 liter for CEF-293-22

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

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 03

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

12/23/03 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: DAY TANK 1
Project Number: 04-40001.
Laboratory Project Number: 358003.

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-293-22	03-A195567	12/12/03
CEF-293-9	03-A195568	12/12/03
VEW-7	03-A195569	12/12/03
VEW-2	03-A195570	12/12/03
VEW-3	03-A195571	12/12/03
VEW-4	03-A195572	12/12/03
VEW-5	03-A195573	12/12/03
Trip Blank	03-A195574	12/12/03
EB-DAYTANK1	03-A195575	12/12/03

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

Sample Identification	Lab Number	Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory

Report Approved By: Roxanne L Connor Report Date: 12/23/03

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

Laboratory Certification Number: E87358

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

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

Project: 04-40001
Project Name: DAY TANK 1
Sampler: K.BAER/L.WOLSKI

Lab Number: 03-A195567
Sample ID: CEF-293-22
Sample Type: Water
Site ID:

Date Collected: 12/12/03
Time Collected: 16:40
Date Received: 12/16/03
Time Received: 8:15
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Acenaphthylene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Anthracene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Benzo(a)anthracene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Benzo(a)pyrene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Benzo(b)fluoranthene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Benzo(g,h,i)perylene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Benzo(k)fluoranthene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Chrysene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Dibenz(a,h)anthracene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Fluoranthene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Fluorene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
2-Methylnaphthalene	0.88	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Naphthalene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Phenanthrene	0.23	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
Pyrene	ND	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
1-Methylnaphthalene	1.07	ug/L	0.10	1.0	12/19/03	22:09	D. Harris	8270C-SIM	814
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Toluene	ND	ug/L	1.0	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Ethylbenzene	ND	ug/L	1.0	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Xylenes (Total)	ND	ug/L	1.0	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,2-Dibromoethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Naphthalene	ND	ug/L	5.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195567
Sample ID: CEF-293-22
Project: 04-40001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Acetone	ND	ug/L	250.	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Bromobenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Bromochloromethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Bromoform	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Bromomethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
2-Butanone	ND	ug/L	25.0	1.0	12/20/03	23:35	S. Roberts	8260B	2509
n-Butylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
sec-Butylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
tert-Butylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Carbon disulfide	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Carbon tetrachloride	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Chlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Chloroethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Chloroform	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Chloromethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
2-Chlorotoluene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
4-Chlorotoluene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,2-Dibromo 3 chloropropane	ND	ug/L	5.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Dibromochloromethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Dibromomethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,1-Dichloroethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,2-Dichloroethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,1-Dichloroethene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,2-Dichloropropane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,3-Dichloropropane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
2,2-Dichloropropane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,1-Dichloropropene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Hexachlorobutadiene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509

Sample report continued . . .

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 07

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195567
Sample ID: CEF-293-22
Project: 04-40001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2-Hexanone	ND	ug/L	5.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Isopropylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
p-Isopropyltoluene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Methylene chloride	ND	ug/L	2.50	1.0	12/20/03	23:35	S. Roberts	8260B	2509
n-Propylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Styrene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Tetrachloroethene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Trichloroethene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	12/20/03	23:35	S. Roberts	8260B	2509
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Vinyl chloride	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Bromodichloromethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509
Trichlorofluoromethane	ND	ug/L	1.00	1.0	12/20/03	23:35	S. Roberts	8260B	2509

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	1000 ml	1.0 ml	12/17/03		K. Turner	3510C

Surrogate	% Recovery	Target Range

Sample report continued . . .

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 08

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195567
Sample ID: CEF-293-22
Project: 04-40001

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	89.	70. - 133.
VOA Surr Toluene-d8	96.	75. - 123.
VOA Surr, 4-BFB	98.	71. - 132.
VOA Surr, DBFM	94.	74. - 128.
BNA Surr-Nitrobenzene-d5	82.	34. - 107.
BNA Surr-2-Fluorobiphenyl	60.	40. - 96.
BNA Surr-Terphenyl-d14	77.	26. 106.

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.

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 09

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

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

Project: 04-40001
Project Name: DAY TANK 1
Sampler: K.BAER/L.WOLSKI

Lab Number: 03-A195568
Sample ID: CEF-293-9
Sample Type: Water
Site ID:

Date Collected: 12/12/03
Time Collected: 15:43
Date Received: 12/16/03
Time Received: 8:15
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Acenaphthylene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Anthracene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Benzo(a)anthracene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Benzo(a)pyrene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Benzo(b)fluoranthene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Benzo(g,h,i)perylene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Benzo(k)fluoranthene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Chrysene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Dibenz(a,h)anthracene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Fluoranthene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Fluorene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
2-Methylnaphthalene	18.4	ug/L	0.50	5.0	12/21/03	12:29	D. Harris	8270C-SIM	814
Naphthalene	47.5	ug/L	0.50	5.0	12/21/03	12:29	D. Harris	8270C-SIM	814
Phenanthrene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
Pyrene	ND	ug/L	0.10	1.0	12/19/03	22:42	D. Harris	8270C-SIM	814
1-Methylnaphthalene	19.4	ug/L	0.50	5.0	12/21/03	12:29	D. Harris	8270C-SIM	814
VOLATILE ORGANICS									
Benzene	2.9	ug/L	1.0	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Toluene	ND	ug/L	1.0	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Ethylbenzene	5.8	ug/L	1.0	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Xylenes (Total)	3.5	ug/L	1.0	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,2-Dibromoethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Naphthalene	98.0	ug/L	5.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195568
Sample ID: CEF-293-9
Project: 04-40001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Acetone	ND	ug/L	250.	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Bromobenzene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Bromochloromethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Bromoform	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Bromomethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
2-Butanone	ND	ug/L	25.0	1.0	12/21/03	0:07	S. Roberts	8260B	2509
n-Butylbenzene	1.90	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
sec-Butylbenzene	3.30	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
tert-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Carbon disulfide	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Carbon tetrachloride	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Chlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Chloroethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Chloroform	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Chloromethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
2-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
4-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,2-Dibromo 3 chloropropane	ND	ug/L	5.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Dibromochloromethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Dibromomethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,1-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,2-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,1-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,3-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
2,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,1-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Hexachlorobutadiene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509

Sample report continued . . .

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 11

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195568
Sample ID: CEF-293-9
Project: 04-40001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2-Hexanone	ND	ug/L	5.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Isopropylbenzene	11.8	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
p-Isopropyltoluene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Methylene chloride	ND	ug/L	2.50	1.0	12/21/03	0:07	S. Roberts	8260B	2509
n-Propylbenzene	12.5	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Styrene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Tetrachloroethene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Trichloroethene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,2,4-Trimethylbenzene	2.3	ug/L	1.0	1.0	12/21/03	0:07	S. Roberts	8260B	2509
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Vinyl chloride	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Bromodichloromethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509
Trichlorofluoromethane	ND	ug/L	1.00	1.0	12/21/03	0:07	S. Roberts	8260B	2509

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH SIM	1000 ml	1.0 ml	12/17/03		K. Turner	3510C

Surrogate	% Recovery	Target Range

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195568
Sample ID: CEF-293-9
Project: 04-40001

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	88.	70. - 133.
VOA Surr Toluene-d8	97.	76. - 123.
VOA Surr, 4-BFB	99.	71. - 132.
VOA Surr, DBFM	94.	74. - 128.
BNA Surr-Nitrobenzene-d5	75.	34. - 107.
BNA Surr-2-Fluorobiphenyl	57.	40. - 96.
BNA Surr-Terphenyl-d14	112. #	26. - 106.

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.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

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

Project: 04-40001
Project Name: DAY TANK 1
Sampler: K.BAER/L.WOLSKI

Lab Number: 03-A195569
Sample ID: VEW-7
Sample Type: Water
Site ID:

Date Collected: 12/12/03
Time Collected: 17:43
Date Received: 12/16/03
Time Received: 8:15
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Acenaphthylene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Anthracene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Benzo(a)anthracene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Benzo(a)pyrene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Benzo(b)fluoranthene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Benzo(g,h,i)perylene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Benzo(k)fluoranthene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Chrysene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Dibenz(a,h)anthracene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Fluoranthene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Fluorene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
2-Methylnaphthalene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Naphthalene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Phenanthrene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
Pyrene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
1-Methylnaphthalene	ND	ug/L	0.10	1.0	12/19/03	23:14	D. Harris	8270C-SIM	814
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Toluene	ND	ug/L	1.0	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Ethylbenzene	ND	ug/L	1.0	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Xylenes (Total)	3.4	ug/L	1.0	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,2-Dibromoethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Naphthalene	ND	ug/L	5.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195569
Sample ID: VEW-7
Project: 04-40001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Acetone	ND	ug/L	250.	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Bromobenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Bromochloromethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Bromoform	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Bromomethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
2-Butanone	ND	ug/L	25.0	1.0	12/21/03	0:38	S. Roberts	8260B	2509
n-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
sec-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
tert-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Carbon disulfide	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Carbon tetrachloride	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Chlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Chloroethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Chloroform	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Chloromethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
2-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
4-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Dibromochloromethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Dibromomethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,1-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,2-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,1-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,3-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
2,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,1-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Hexachlorobutadiene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195569
Sample ID: VEW-7
Project: 04-40001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2-Hexanone	ND	ug/L	5.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Isopropylbenzene	3.20	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
p-Isopropyltoluene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Methylene chloride	ND	ug/L	2.50	1.0	12/21/03	0:38	S. Roberts	8260B	2509
n-Propylbenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Styrene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Tetrachloroethene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Trichloroethene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	12/21/03	0:38	S. Roberts	8260B	2509
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Vinyl chloride	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Bromodichloromethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509
Trichlorofluoromethane	ND	ug/L	1.00	1.0	12/21/03	0:38	S. Roberts	8260B	2509

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAN-SIM	1000 ml	1.0 ml	12/17/03		K. Turner	3510C

Surrogate	% Recovery	Target Range

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195569
Sample ID: VEW-7
Project: 04-40001

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	89.	70. - 133.
VOA Surr Toluene-d8	95.	76. - 123.
VOA Surr, 4-BFB	97.	71. - 132.
VOA Surr, DBFM	97.	74. - 128.
BNA Surr-Nitrobenzene-d5	85.	34. - 107.
BNA Surr-2-Fluorobiphenyl	64.	40. - 96.
BNA Surr-Terphenyl-d14	72.	30. 106.

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.

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 17

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

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

Project: 04-40001
Project Name: DAY TANK 1
Sampler: K.BAER/L.WOLGKI

Lab Number: 03-A195570
Sample ID: VEW-2
Sample Type: Water
Site ID:

Date Collected: 12/12/03
Time Collected: 18:15
Date Received: 12/16/03
Time Received: 8:15
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Acenaphthylene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Anthracene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Benzo(a)anthracene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Benzo(a)pyrene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Benzo(b)fluoranthene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Benzo(g,h,i)perylene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Benzo(k)fluoranthene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Chrysene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Dibenz(a,h)anthracene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Fluoranthene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Fluorene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
2-Methylnaphthalene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Naphthalene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Phenanthrene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
Pyrene	ND	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
1-Methylnaphthalene	0.18	ug/L	0.10	1.0	12/19/03	23:47	D. Harris	8270C-SIM	814
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Toluene	ND	ug/L	1.0	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Ethylbenzene	ND	ug/L	1.0	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Xylenes (Total)	3.7	ug/L	1.0	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,2-Dibromoethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Naphthalene	ND	ug/L	5.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195570
Sample ID: VEW-2
Project: 04-40001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Acetone	ND	ug/L	250.	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Bromobenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Bromochloromethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Bromoform	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Bromomethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
2-Butanone	ND	ug/L	25.0	1.0	12/21/03	1:10	S. Roberts	8260B	2509
n-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
sec-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
tert-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Carbon disulfide	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Carbon tetrachloride	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Chlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Chloroethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Chloroform	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Chloromethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
2-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
4-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Dibromochloromethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Dibromomethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,1-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,2-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,1-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,3-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
2,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,1-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Hexachlorobutadiene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195570
Sample ID: VEW-2
Project: 04-40001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2-Hexanone	ND	ug/L	5.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Isopropylbenzene	3.20	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
p-Isopropyltoluene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Methylene chloride	ND	ug/L	2.50	1.0	12/21/03	1:10	S. Roberts	8260B	2509
n-Propylbenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Styrene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Tetrachloroethene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Trichloroethene	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,2,4-Trimethylbenzene	2.2	ug/L	1.0	1.0	12/21/03	1:10	S. Roberts	8260B	2509
1,3,5-Trimethylbenzene	1.60	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Vinyl chloride	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Bromodichloromethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509
Trichlorofluoromethane	ND	ug/L	1.00	1.0	12/21/03	1:10	S. Roberts	8260B	2509

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	1000 ml	1.0 ml	12/17/03		K. Turner	3510C

Surrogate	% Recovery	Target Range

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195570
Sample ID: VEW-2
Project: 04-40001
Page 4

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	89.	70. - 133.
VOA Surr Toluene-d8	96.	76. - 123.
VOA Surr, 4-BFB	95.	71. - 132.
VOA Surr, DBFM	98.	74. - 128.
BNA Surr-Nitrobenzene-d5	83.	34. - 107.
BNA Surr-2-Fluorobiphenyl	62.	40. - 96.
BNA Surr-Terphenyl-d14	100.	26. - 106.

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.

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

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

Lab Number: 03-A195571
Sample ID: VEW-3
Sample Type: Water
Site ID:

Date Collected: 12/12/03
Time Collected: 16:14
Date Received: 12/16/03
Time Received: 8:15
Page: 1

Project: 04-40001
Project Name: DAY TANK 1
Sampler: K.BAER/L.WOLSKI

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Acenaphthylene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Anthracene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Benzo(a)anthracene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Benzo(a)pyrene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Benzo(b)fluoranthene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Benzo(g,h,i)perylene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Benzo(k)fluoranthene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Chrysene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Dibenz(a,h)anthracene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Fluoranthene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Fluorene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
2-Methylnaphthalene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Naphthalene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Phenanthrene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
Pyrene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
1-Methylnaphthalene	ND	ug/L	0.10	1.0	12/20/03	0:20	D. Harris	8270C-SIM	814
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Toluene	ND	ug/L	1.0	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Ethylbenzene	ND	ug/L	1.0	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Xylenes (Total)	ND	ug/L	1.0	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,2-Dibromoethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Naphthalene	ND	ug/L	5.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195571
Sample ID: VEW-3
Project: 04-40001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Acetone	ND	ug/L	250.	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Bromobenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Bromochloromethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Bromoform	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Bromomethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
2-Butanone	ND	ug/L	25.0	1.0	12/21/03	1:42	S. Roberts	8260B	2509
n-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
sec-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
tert-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Carbon disulfide	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Carbon tetrachloride	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Chlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Chloroethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Chloroform	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Chloromethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
2-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
4-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Dibromochloromethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Dibromomethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,1-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,2-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,1-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,3-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
2,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,1-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Hexachlorobutadiene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195571
Sample ID: VEW-3
Project: 04-40001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2-Hexanone	ND	ug/L	5.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Isopropylbenzene	3.20	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
p-Isopropyltoluene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Methylene chloride	ND	ug/L	2.50	1.0	12/21/03	1:42	S. Roberts	8260B	2509
n-Propylbenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Styrene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Tetrachloroethene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Trichloroethene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	12/21/03	1:42	S. Roberts	8260B	2509
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Vinyl chloride	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Bromodichloromethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509
Trichlorofluoromethane	ND	ug/L	1.00	1.0	12/21/03	1:42	S. Roberts	8260B	2509

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	1000 ml	1.0 ml	12/17/03		K. Turner	3510C

Surrogate	% Recovery	Target Range

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195571
Sample ID: VEW-3
Project: 04-40001
Page 4

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	92.	70. - 133.
VOA Surr Toluene-d8	96.	76. - 123.
VOA Surr, 4-BFB	100.	71. - 132.
VOA Surr, DBFM	94.	74. - 128.
BNA Surr-Nitrobenzene-d5	76.	34. - 107.
BNA Surr-2-Fluorobiphenyl	57.	40. - 96.
BNA Surr-Terphenyl-d14	72.	26. - 106.

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.

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

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

Lab Number: 03-A195572
Sample ID: VEW-4
Sample Type: Water
Site ID:

Date Collected: 12/12/03
Time Collected: 17:32
Date Received: 12/16/03
Time Received: 8:15
Page: 1

Project: 04-40001
Project Name: DAY TANK 1
Sampler: K.BAER/L.WOLSKI

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Acenaphthylene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Anthracene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Benzo(a)anthracene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Benzo(a)pyrene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Benzo(b)fluoranthene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Benzo(g,h,i)perylene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Benzo(k)fluoranthene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Chrysene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Dibenz(a,h)anthracene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Fluoranthene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Fluorene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
2-Methylnaphthalene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Naphthalene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Phenanthrene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
Pyrene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
1-Methylnaphthalene	ND	ug/L	0.10	1.0	12/20/03	0:52	D. Harris	8270C-SIM	814
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Toluene	ND	ug/L	1.0	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Ethylbenzene	ND	ug/L	1.0	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Xylenes (Total)	ND	ug/L	1.0	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,2-Dibromoethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Naphthalene	ND	ug/L	5.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195572
Sample ID: VEW-4
Project: 04-40001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Acetone	ND	ug/L	250.	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Bromobenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Bromochloromethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Bromoform	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Bromomethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
2-Butanone	ND	ug/L	25.0	1.0	12/21/03	2:13	S. Roberts	8260B	2509
n-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
sec-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
tert-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Carbon disulfide	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Carbon tetrachloride	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Chlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Chloroethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Chloroform	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Chloromethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
2-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
4-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Dibromochloromethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Dibromomethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,1-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,2-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,1-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,3-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
2,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,1-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Hexachlorobutadiene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195572
Sample ID: VEW-4
Project: 04-40001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2-Hexanone	ND	ug/L	5.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Isopropylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
p-Isopropyltoluene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Methylene chloride	ND	ug/L	2.50	1.0	12/21/03	2:13	S. Roberts	8260B	2509
n-Propylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Styrene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Tetrachloroethene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Trichloroethene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	12/21/03	2:13	S. Roberts	8260B	2509
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Vinyl chloride	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Bromodichloromethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509
Trichlorofluoromethane	ND	ug/L	1.00	1.0	12/21/03	2:13	S. Roberts	8260B	2509

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	1000 ml	1.0 ml	12/17/03		K. Turner	3510C

Surrogate	% Recovery	Target Range

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195572
Sample ID: VEW-4
Project: 04-40001
Page 4

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	90.	70. - 133.
VOA Surr Toluene-d8	96.	76. - 123.
VOA Surr, 4-BFB	97.	71. - 132.
VOA Surr, DBFM	94.	74. - 128.
BNA Surr-Nitrobenzene-d5	59.	34. - 107.
BNA Surr-2-Fluorobiphenyl	40.	40. - 96.
BNA Surr-Terphenyl-d14	49.	26. - 106.

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.

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

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

Project: 04-40001
Project Name: DAY TANK 1
Sampler: K.BAER/L.WOLSKI

Lab Number: 03-A195573
Sample ID: VEW-5
Sample Type: Water
Site ID:

Date Collected: 12/12/03
Time Collected: 17:02
Date Received: 12/16/03
Time Received: 8:15
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Acenaphthylene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Anthracene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Benzo(a)anthracene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Benzo(a)pyrene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Benzo(b)fluoranthene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Benzo(g,h,i)perylene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Benzo(k)fluoranthene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Chrysene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Dibenz(a,h)anthracene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Fluoranthene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Fluorene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Indeno(1,2,3-cd)pyrene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
2-Methylnaphthalene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Naphthalene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Phenanthrene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
Pyrene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
1-Methylnaphthalene	ND	ug/L	0.10	1.0	12/20/03	1:25	D. Harris	8270C-SIM	814
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Toluene	ND	ug/L	1.0	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Ethylbenzene	ND	ug/L	1.0	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Xylenes (Total)	ND	ug/L	1.0	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,2-Dibromoethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Naphthalene	ND	ug/L	5.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195573
Sample ID: VEW-5
Project: 04-40001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Acetone	ND	ug/L	250.	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Bromobenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Bromochloromethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Bromoform	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Bromomethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
2-Butanone	ND	ug/L	25.0	1.0	12/21/03	2:45	S. Roberts	8260B	2509
n-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
sec-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
tert-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Carbon disulfide	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Carbon tetrachloride	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Chlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Chloroethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Chloroform	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Chloromethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
2-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
4-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Dibromochloromethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Dibromomethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,1-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,2-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,1-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,3-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
2,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,1-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Hexachlorobutadiene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195573
Sample ID: VEW-5
Project: 04-40001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2-Hexanone	ND	ug/L	5.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Isopropylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
p-Isopropyltoluene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Methylene chloride	ND	ug/L	2.50	1.0	12/21/03	2:45	S. Roberts	8260B	2509
n-Propylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Styrene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Tetrachloroethene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,1,1 Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Trichloroethene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	12/21/03	2:45	S. Roberts	8260B	2509
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Vinyl chloride	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Bromodichloromethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509
Trichlorofluoromethane	ND	ug/L	1.00	1.0	12/21/03	2:45	S. Roberts	8260B	2509

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
DAI GTM	1000 ml	1.0 ml	12/27/03		K. Turner	3510C

Surrogate	% Recovery	Target Range

Sample report continued . . .

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 32

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195573
Sample ID: VEW-5
Project: 04-40001

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	90.	70. - 133.
VOA Surr Toluene-d8	97.	76. - 123.
VOA Surr, 4-BFB	98.	71. - 132.
VOA Surr, DBFM	95.	74. - 128.
BNA Surr-Nitrobenzene-d5	148. #	34. - 107.
BNA Surr-2-Fluorobiphenyl	129. #	40. - 96.
BNA Surr-Terphenyl-d14	164. #	26. - 106.

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.
The sample extract was possible injected with 2 ml of
SIMS 8270 surrogate.

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

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

Lab Number: 03-A195574
Sample ID: Trip Blank
Sample Type: Water
Site ID:

Date Collected: 12/12/03
Time Collected:
Date Received: 12/16/03
Time Received: 8:15
Page: 1

Project: 04-40001
Project Name: DAY TANK 1
Sampler: K.BAER/L.WOLSKI

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Toluene	ND	ug/L	1.0	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Ethylbenzene	ND	ug/L	1.0	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Xylenes (Total)	ND	ug/L	1.0	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,2-Dibromoethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Naphthalene	ND	ug/L	5.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Acetone	ND	ug/L	250.	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Bromobenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Bromochloromethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Bromoform	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Bromomethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
2-Butanone	ND	ug/L	25.0	1.0	12/20/03	23:03	S. Roberts	8260B	2509
n-Butylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
sec-Butylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
tert-Butylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Carbon disulfide	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Carbon tetrachloride	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Chlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Chloroethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Chloroform	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Chloromethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
2-Chlorotoluene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
4-Chlorotoluene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Dibromochloromethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Dibromomethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195574
Sample ID: Trip Blank
Project: 04-40001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,1-Dichloroethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,2-Dichloroethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,1-Dichloroethene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,2-Dichloropropane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,3-Dichloropropane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
2,2-Dichloropropane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,1-Dichloropropene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Hexachlorobutadiene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
2-Hexanone	ND	ug/L	5.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Isopropylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
p-Isopropyltoluene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Methylene chloride	ND	ug/L	2.50	1.0	12/20/03	23:03	S. Roberts	8260B	2509
n-Propylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Styrene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Tetrachloroethene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Trichloroethene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	12/20/03	23:03	S. Roberts	8260B	2509
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Vinyl chloride	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509
Bromodichloromethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509

Sample report continued . . .

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 35

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195574
Sample ID: Trip Blank
Project: 04-40001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Trichlorofluoromethane	ND	ug/L	1.00	1.0	12/20/03	23:03	S. Roberts	8260B	2509

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	89.	70. - 133.
VOA Surr Toluene-d8	95.	76. - 123.
VOA Surr, 4-BFB	97.	71. - 132.
VOA Surr, DBFM	94.	74. - 128.

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.

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

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

Project: 04-40001
Project Name: DAY TANK 1
Sampler: K.BAER/L.WOLSKI

Lab Number: 03-A195575
Sample ID: EB-DAYTANK1
Sample Type: Water
Site ID:

Date Collected: 12/12/03
Time Collected: 18:04
Date Received: 12/16/03
Time Received: 8:15
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Acenaphthylene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Anthracene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Benzo(a)anthracene	0.43	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Benzo(a)pyrene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Benzo(b)fluoranthene	0.33	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Benzo(g,h,i)perylene	0.36	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Benzo(k)fluoranthene	0.31	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Chrysene	0.25	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Dibenz(a,h)anthracene	0.45	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Fluoranthene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Fluorene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Indeno(1,2,3-cd)pyrene	0.42	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
2-Methylnaphthalene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Naphthalene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Phenanthrene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
Pyrene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
1-Methylnaphthalene	ND	ug/L	0.10	1.0	12/20/03	1:58	D. Harris	8270C-SIM	814
VOLATILE ORGANICS									
Benzene	ND	ug/L	1.0	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Toluene	ND	ug/L	1.0	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Ethylbenzene	ND	ug/L	1.0	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Xylenes (Total)	ND	ug/L	1.0	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,2-Dibromoethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Naphthalene	ND	ug/L	5.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195575
Sample ID: EB-DAYTANK1
Project: 04-40001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Acetone	ND	ug/L	250.	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Bromobenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Bromochloromethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Bromoform	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Bromomethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
2-Butanone	ND	ug/L	25.0	1.0	12/21/03	3:17	S. Roberts	8260B	2509
n-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
sec-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
tert-Butylbenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Carbon disulfide	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Carbon tetrachloride	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Chlorobenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Chloroethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Chloroform	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Chloromethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
2-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
4-Chlorotoluene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,2-Dibromo-3-chloropropane	ND	ug/L	5.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Dibromochloromethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Dibromomethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,2-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,3-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,4-Dichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Dichlorodifluoromethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,1-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,2-Dichloroethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,1-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
cis-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
trans-1,2-Dichloroethene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,3-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
2,2-Dichloropropane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,1-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
cis-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
trans-1,3-Dichloropropene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Hexachlorobutadiene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195575
Sample ID: EB-DAYTANK1
Project: 04-40001

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
2-Hexanone	ND	ug/L	5.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Isopropylbenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
p-Isopropyltoluene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
4-Methyl-2-pentanone	ND	ug/L	5.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Methylene chloride	ND	ug/L	2.50	1.0	12/21/03	3:17	S. Roberts	8260B	2509
n-Propylbenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Styrene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,1,1,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,1,2,2-Tetrachloroethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Tetrachloroethene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,2,3-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,2,4-Trichlorobenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,1,1-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,1,2-Trichloroethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Trichloroethene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,2,3-Trichloropropane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,2,4-Trimethylbenzene	ND	ug/L	1.0	1.0	12/21/03	3:17	S. Roberts	8260B	2509
1,3,5-Trimethylbenzene	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Vinyl chloride	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Bromodichloromethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509
Trichlorofluoromethane	ND	ug/L	1.00	1.0	12/21/03	3:17	S. Roberts	8260B	2509

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
PAH-SIM	1000 ml	1.0 ml	12/17/03		K. Turner	3510C

Surrogate	% Recovery	Target Range

Sample report continued . . .

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 39

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

Laboratory Number: 03-A195575
Sample ID: EB-DAYTANK1
Project: 04-40001
Page 4

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	91.	70. - 133.
VOA Surr Toluene-d8	96.	76. - 123.
VOA Surr, 4-BFB	95.	71. - 132.
VOA Surr, DBFM	95.	74. - 128.
BNA Surr-Nitrobenzene-d5	80.	34. - 107.
BNA Surr-2-Fluorobiphenyl	69.	40. - 96.
BNA Surr-Terphenyl-d14	100.	26. - 106.

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.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 04-40001
Project Name: DAY TANK 1
Page: 1
Laboratory Receipt Date: 12/16/03

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
VOA PARAMETERS								
Benzene	mg/l	< 0.0010	0.0533	0.0500	107	68 - 136	2509	03-A195611
Chlorobenzene	mg/l	< 0.00100	0.0596	0.0500	119	78 - 125	2509	03-A195611
1,1 Dichloroethene	mg/l	< 0.00100	0.0471	0.0500	94	67 - 141	2509	03-A195611
Toluene	mg/l	< 0.0010	0.0548	0.0500	110	73 - 133	2509	03-A195611
Trichloroethene	mg/l	< 0.00100	0.0538	0.0500	108	69 - 141	2509	03-A195611
Tetrachloroethene	mg/l	< 0.00100	0.0561	0.0500	112	71 - 134	2509	03-A195611
VOA Surr 1,2-DCA-d4	% Rec				88	70 - 133	2509	
VOA Surr Toluene-d8	% Rec				99	76 - 123	2509	
VOA Surr, 4-BFB	% Rec				91	71 - 132	2509	
VOA Surr, DBFM	% Rec				97	74 - 128	2509	
EXTRACTABLE PARAMETERS								
Acenaphthene	mg/l	< 0.00010	0.00070	0.00100	70	28 - 106	814	BLANK
Pyrene	mg/l	< 0.00010	0.00093	0.00100	93	35 - 118	814	BLANK
BNA Surr-Nitrobenzene-d5	% Rec				82	34 - 107	814	
BNA Surr-2-Fluorobiphenyl	% Rec				62	40 - 96	814	
BNA Surr-Terphenyl-d14	% Rec				90	26 - 106	814	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 04-40001
Project Name: DAY TANK 1
Page: 2
Laboratory Receipt Date: 12/16/03

VOA PARAMETERS						
Benzene	mg/l	0.0533	0.0583	8.96	22.	2509
Chlorobenzene	mg/l	0.0596	0.0651	8.82	17.	2509
1,1-Dichloroethene	mg/l	0.0471	0.0502	6.37	21.	2509
Toluene	mg/l	0.0548	0.0592	7.72	22.	2509
Trichloroethene	mg/l	0.0538	0.0584	8.20	22.	2509
Tetrachloroethene	mg/l	0.0561	0.0603	7.22	19.	2509
VOA Surr 1,2-DCA-d4	% Rec		00.			2509
VOA Surr Toluene-d8	% Rec		97.			2509
VOA Surr, 4-BFB	% Rec		93.			2509
VOA Surr, DBFM	% Rec		96.			2509
EXTRACTABLE PARAMETERS						
Acenaphthene	mg/l	0.00070	0.00060	15.38	33.	814
Pyrene	mg/l	0.00093	0.00081	13.79	33.	814
BNA Surr-Nitrobenzene-d5	% Rec		72.			814
BNA Surr-2-Fluorobiphenyl	% Rec		49.			814
BNA Surr-Terphenyl-d14	% Rec		65.			814

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Acetone	mg/l	0.250	0.192	77	52 - 151	2509
Benzene	mg/l	0.0500	0.0502	100	78 - 125	2509
Bromobenzene	mg/l	0.0500	0.0482	96	75 - 127	2509
Bromochloromethane	mg/l	0.0500	0.0519	104	72 - 136	2509
Bromoform	mg/l	0.0500	0.0422	84	62 - 130	2509
Bromomethane	mg/l	0.0500	0.0552	110	46 - 156	2509
2-Butanone	mg/l	0.250	0.244	98	67 - 143	2509
n-Butylbenzene	mg/l	0.0500	0.0528	106	65 - 132	2509
sec-Butylbenzene	mg/l	0.0500	0.0521	104	72 - 139	2509
tert Butylbenzene	mg/l	0.0500	0.0516	103	43 - 138	2509

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 04-40001
Project Name: DAY TANK 1
Page: 3
Laboratory Receipt Date: 12/16/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Carbon disulfide	mg/l	0.0500	0.0468	94	68 - 139	2509
Carbon tetrachloride	mg/l	0.0500	0.0458	92	62 - 140	2509
Chlorobenzene	mg/l	0.0500	0.0502	100	82 - 120	2509
Chloroethane	mg/l	0.0500	0.0446	89	61 - 142	2509
Chloroform	mg/l	0.0500	0.0489	98	75 - 129	2509
Chloromethane	mg/l	0.0500	0.0357	71	46 - 147	2509
2-Chlorotoluene	mg/l	0.0500	0.0480	96	76 - 126	2509
4-Chlorotoluene	mg/l	0.0500	0.0495	99	77 - 125	2509
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0453	91	64 - 132	2509
Dibromochloromethane	mg/l	0.0500	0.0447	89	74 - 132	2509
1,2-Dibromoethane	mg/l	0.0500	0.0484	97	77 - 128	2509
Dibromomethane	mg/l	0.0500	0.0494	99	74 - 133	2509
1,2-Dichlorobenzene	mg/l	0.0500	0.0502	100	77 - 129	2509
1,3-Dichlorobenzene	mg/l	0.0500	0.0511	102	79 - 125	2509
1,4-Dichlorobenzene	mg/l	0.0500	0.0490	98	78 - 121	2509
Dichlorodifluoromethane	mg/l	0.0500	0.0385	77	45 - 149	2509
1,1-Dichloroethane	mg/l	0.0500	0.0424	85	75 - 129	2509
1,2-Dichloroethane	mg/l	0.0500	0.0460	92	69 - 135	2509
1,1-Dichloroethene	mg/l	0.0500	0.0428	86	73 - 132	2509
cis-1,2-Dichloroethene	mg/l	0.0500	0.0483	97	72 - 132	2509
trans-1,2-Dichloroethene	mg/l	0.0500	0.0428	86	71 - 134	2509
1,2-Dichloropropane	mg/l	0.0500	0.0499	100	81 - 126	2509
1,3-Dichloropropane	mg/l	0.0500	0.0483	97	83 - 127	2509
2,2-Dichloropropane	mg/l	0.0500	0.0499	100	39 - 151	2509
1,1-Dichloropropene	mg/l	0.0500	0.0524	105	77 - 128	2509
cis-1,3-Dichloropropene	mg/l	0.0500	0.0443	89	71 - 133	2509
trans-1,3-Dichloropropene	mg/l	0.0500	0.0418	84	69 - 131	2509
Ethylbenzene	mg/l	0.0500	0.0512	102	79 - 125	2509
Hexachlorobutadiene	mg/l	0.0500	0.0549	110	60 - 134	2509
2-Hexanone	mg/l	0.250	0.209	84	68 - 145	2509
Isopropylbenzene	mg/l	0.0500	0.0453	91	75 - 128	2509

Project QC continued . . .

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 43

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 04-40001
Project Name: DAY TANK 1
Page: 4
Laboratory Receipt Date: 12/16/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
p-Isopropyltoluene	mg/l	0.0500	0.0450	90	73 - 128	2509
4-Methyl-2-pentanone	mg/l	0.250	0.238	95	71 - 143	2509
Methylene chloride	mg/l	0.0500	0.0435	87	74 - 131	2509
Naphthalene	mg/l	0.0500	0.0507	101	62 - 142	2509
n-Propylbenzene	mg/l	0.0500	0.0520	104	73 - 128	2509
Styrene	mg/l	0.0500	0.0445	89	80 - 126	2509
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0463	93	78 - 132	2509
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0466	93	70 - 135	2509
Tetrachloroethene	mg/l	0.0500	0.0531	106	74 - 128	2509
Toluene	mg/l	0.0500	0.0504	101	79 - 125	2509
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0513	103	69 - 136	2509
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0516	103	69 - 131	2509
1,1,1-Trichloroethane	mg/l	0.0500	0.0510	102	72 - 132	2509
1,1,2-Trichloroethane	mg/l	0.0500	0.0445	89	80 - 133	2509
Trichloroethene	mg/l	0.0500	0.0511	102	74 - 133	2509
1,2,3-Trichloropropane	mg/l	0.0500	0.0436	87	69 - 136	2509
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0511	102	73 - 130	2509
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0511	102	73 - 130	2509
Vinyl chloride	mg/l	0.0500	0.0437	87	63 - 140	2509
Xylenes (Total)	mg/l	0.150	0.148	99	78 - 127	2509
Bromodichloromethane	mg/l	0.0500	0.0453	91	77 - 132	2509
Trichlorofluoromethane	mg/l	0.0500	0.0442	88	59 - 142	2509
VOA Surr 1,2-DCA-d4	% Rec			87	70 - 133	2509
VOA Surr Toluene-d8	% Rec			98	76 - 123	2509
VOA Surr, 4-BFB	% Rec			94	71 - 132	2509
VOA Surr, DBFM	% Rec			98	74 - 128	2509

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 04-40001
Project Name: DAY TANK 1
Page: 5
Laboratory Receipt Date: 12/16/03

EXTRACTABLE PARAMETERS						
Acenaphthene	mg/l	0.00100	0.00070	70	28 - 106	814
Acenaphthylene	mg/l	0.00100	0.00080	80	26 - 106	814
Anthracene	mg/l	0.00100	0.00087	87	30 - 116	814
Benzo(a)anthracene	mg/l	0.00100	0.00105	105	38 - 128	814
Benzo(a)pyrene	mg/l	0.00100	0.00092	92	34 - 117	814
Benzo(b)fluoranthene	mg/l	0.00100	0.00088	88	37 - 132	814
Benzo(g,h,i)perylene	mg/l	0.00100	0.00083	83	38 - 123	814
Benzo(k)fluoranthene	mg/l	0.00100	0.00077	77	35 - 128	814
Chrysene	mg/l	0.00100	0.00067	67	42 - 126	814
Dibenz(a,h)anthracene	mg/l	0.00100	0.00073	73	35 - 124	814
Fluoranthene	mg/l	0.00100	0.00088	88	35 - 125	814
Fluorene	mg/l	0.00100	0.00070	70	30 - 112	814
Indeno(1,2,3-cd)pyrene	mg/l	0.00100	0.00085	85	34 - 121	814
2-Methylnaphthalene	mg/l	0.00100	0.00061	61	31 - 108	814
Naphthalene	mg/l	0.00100	0.00060	60	9 - 120	814
Phenanthrene	mg/l	0.00100	0.00075	75	34 - 116	814
Pyrene	mg/l	0.00100	0.00086	86	35 - 118	814
1-Methylnaphthalene	mg/l	0.00100	0.00063	63	31 - 112	814
BNA Surr-Nitrobenzene-d5	% Rec			78	34 - 107	814
BNA Surr-2-Fluorobiphenyl	% Rec			67	40 - 96	814
BNA Surr-Terphenyl-d14	% Rec			71	26 - 106	814

Duplicates

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

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 04-40001
Project Name: DAY TANK 1
Page: 6
Laboratory Receipt Date: 12/16/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Acetone	< 0.00470	mg/l	2509	12/20/03	19:53
Benzene	< 0.0005	mg/l	2509	12/20/03	19:53
Bromobenzene	< 0.00030	mg/l	2509	12/20/03	19:53
Bromochloromethane	< 0.00030	mg/l	2509	12/20/03	19:53
Bromoform	< 0.00060	mg/l	2509	12/20/03	19:53
Bromomethane	< 0.00060	mg/l	2509	12/20/03	19:53
2-Butanone	< 0.00310	mg/l	2509	12/20/03	19:53
n-Butylbenzene	< 0.00010	mg/l	2509	12/20/03	19:53
sec Butylbenzene	< 0.00030	mg/l	2509	12/20/03	19:53
tert-Butylbenzene	< 0.00030	mg/l	2509	12/20/03	19:53
Carbon disulfide	< 0.00020	mg/l	2509	12/20/03	19:53
Carbon tetrachloride	< 0.00040	mg/l	2509	12/20/03	19:53
Chlorobenzene	< 0.00020	mg/l	2509	12/20/03	19:53
Chloroethane	< 0.00100	mg/l	2509	12/20/03	19:53
Chloroform	< 0.00080	mg/l	2509	12/20/03	19:53
Chloromethane	< 0.00070	mg/l	2509	12/20/03	19:53
2-Chlorotoluene	< 0.00040	mg/l	2509	12/20/03	19:53
4-Chlorotoluene	< 0.00050	mg/l	2509	12/20/03	19:53
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	2509	12/20/03	19:53
Dibromochloromethane	< 0.00050	mg/l	2509	12/20/03	19:53
1,2-Dibromoethane	< 0.00040	mg/l	2509	12/20/03	19:53
Dibromomethane	< 0.00090	mg/l	2509	12/20/03	19:53
1,2-Dichlorobenzene	< 0.00020	mg/l	2509	12/20/03	19:53
1,3-Dichlorobenzene	< 0.00030	mg/l	2509	12/20/03	19:53
1,4-Dichlorobenzene	< 0.00040	mg/l	2509	12/20/03	19:53
Dichlorodifluoromethane	< 0.00050	mg/l	2509	12/20/03	19:53
1,1-Dichloroethane	< 0.00020	mg/l	2509	12/20/03	19:53

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 04-40001
Project Name: DAY TANK 1
Page: 7
Laboratory Receipt Date: 12/16/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2-Dichloroethane	< 0.00060	mg/l	2509	12/20/03	19:53
1,1-Dichloroethene	< 0.00060	mg/l	2509	12/20/03	19:53
cis-1,2-Dichloroethene	< 0.00060	mg/l	2509	12/20/03	19:53
trans-1,2-Dichloroethene	< 0.00050	mg/l	2509	12/20/03	19:53
1,2-Dichloropropane	< 0.00040	mg/l	2509	12/20/03	19:53
1,3-Dichloropropane	< 0.00040	mg/l	2509	12/20/03	19:53
2,2-Dichloropropane	< 0.00060	mg/l	2509	12/20/03	19:53
1,1-Dichloropropene	< 0.00050	mg/l	2509	12/20/03	19:53
cis-1,3-Dichloropropene	< 0.00030	mg/l	2509	12/20/03	19:53
trans-1,3-Dichloropropene	< 0.00050	mg/l	2509	12/20/03	19:53
Ethylbenzene	< 0.0003	mg/l	2509	12/20/03	19:53
Hexachlorobutadiene	< 0.00080	mg/l	2509	12/20/03	19:53
2 Hexanone	< 0.00420	mg/l	2509	12/20/03	19:53
Isopropylbenzene	< 0.00040	mg/l	2509	12/20/03	19:53
p-Isopropyltoluene	< 0.00060	mg/l	2509	12/20/03	19:53
4-Methyl-2-pentanone	< 0.00490	mg/l	2509	12/20/03	19:53
Methylene chloride	< 0.00240	mg/l	2509	12/20/03	19:53
Naphthalene	< 0.00120	mg/l	2509	12/20/03	19:53
n-Propylbenzene	< 0.00030	mg/l	2509	12/20/03	19:53
Styrene	< 0.00040	mg/l	2509	12/20/03	19:53
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	2509	12/20/03	19:53
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	2509	12/20/03	19:53
Tetrachloroethene	< 0.00040	mg/l	2509	12/20/03	19:53
Toluene	< 0.0006	mg/l	2509	12/20/03	19:53
1,2,3-Trichlorobenzene	< 0.00100	mg/l	2509	12/20/03	19:53
1,2,4-Trichlorobenzene	< 0.00060	mg/l	2509	12/20/03	19:53
1,1,1-Trichloroethane	< 0.00070	mg/l	2509	12/20/03	19:53
1,1,2-Trichloroethane	< 0.00040	mg/l	2509	12/20/03	19:53
Trichloroethene	< 0.00040	mg/l	2509	12/20/03	19:53
1,2,3-Trichloropropane	< 0.00060	mg/l	2509	12/20/03	19:53
1,2,4-Trimethylbenzene	< 0.0003	mg/l	2509	12/20/03	19:53

Project QC continued . . .

02/20/2004 09:21 305-513-4902 MFC MIAMI - TERRAINE PAGE 47

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-8404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 04-40001
Project Name: DAY TANK 1
Page: 8
Laboratory Receipt Date: 12/16/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,3,5-Trimethylbenzene	< 0.00100	mg/l	2509	12/20/03	19:53
Vinyl chloride	< 0.00050	mg/l	2509	12/20/03	19:53
Xylenes (Total)	< 0.0009	mg/l	2509	12/20/03	19:53
Bromodichloromethane	< 0.00030	mg/l	2509	12/20/03	19:53
Trichlorofluoromethane	< 0.00040	mg/l	2509	12/20/03	19:53
VOA Surr 1,2-DCA-d4	89.	% Rec	2509	12/20/03	19:53
VOA Surr Toluene-d8	97.	% Rec	2509	12/20/03	19:53
VOA Surr, 4-BFB	99.	% Rec	2509	12/20/03	19:53
VOA Surr, DBFM	94.	% Rec	2509	12/20/03	19:53
EXTRACTABLE PARAMETERS					
Acenaphthene	< 0.00010	mg/l	814	12/19/03	19:58
Acenaphthylene	< 0.00010	mg/l	814	12/19/03	19:58
Anthracene	< 0.00010	mg/l	814	12/19/03	19:58
Benzo(a)anthracene	< 0.00010	mg/l	814	12/19/03	19:58
Benzo(a)pyrene	< 0.00010	mg/l	814	12/19/03	19:58
Benzo(b)fluoranthene	< 0.00010	mg/l	814	12/19/03	19:58
Benzo(g,h,i)perylene	< 0.00010	mg/l	814	12/19/03	19:58
Benzo(k)fluoranthene	< 0.00010	mg/l	814	12/19/03	19:58
Chrysene	< 0.00010	mg/l	814	12/19/03	19:58
Dibenz(a,h)anthracene	< 0.00010	mg/l	814	12/19/03	19:58
Fluoranthene	< 0.00010	mg/l	814	12/19/03	19:58
Fluorene	< 0.00010	mg/l	814	12/19/03	19:58
Indeno(1,2,3-cd)pyrene	< 0.00010	mg/l	814	12/19/03	19:58
2-Methylnaphthalene	< 0.00010	mg/l	814	12/19/03	19:58
Naphthalene	< 0.00010	mg/l	814	12/19/03	19:58
Phenanthrene	< 0.00010	mg/l	814	12/19/03	19:58
Pyrene	< 0.00010	mg/l	814	12/19/03	19:58
1-Methylnaphthalene	< 0.00010	mg/l	814	12/19/03	19:58

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

3960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number: 04-40001
Project Name: DAY TANK 1
Page: 9
Laboratory Receipt Date: 12/16/03

BNA Surr-Nitrobenzene-d5	86.	% Rec	814	12/19/03	19:58
BNA Surr-2-Fluorobiphenyl	59.	% Rec	814	12/19/03	19:58
BNA Surr-Terphenyl-d14	77.	% Rec	814	12/19/03	19:58

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 368003

APPENDIX B

4th Quarter 2003 Groundwater Sampling Logs

GROUNDWATER SAMPLING LOG

TERRAINE

Project Information

Project No: 04-41001/5	Project Name: Day Tank 1 - Cecil Field LTM/RAO	
Technician 1:	Technician 2: Larry Wolski	Weather: Cloudy
Sampling ID: 04-41001/5:CEF-293-09:12/12/2003		
Notes:		

Well Information

Well ID: **CEF-293-09**	Sampling Date: **12/12/2003**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 77.36	Northing: 0	Easting: 0
Static Depth to Water (ft): 9.62	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Peristaltic	Tubing Material: PPE		Pump Set at (ft): 12.00
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 15:12	Purge End: 15:37	Total Volume Purged (gal): 0.00	

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
15:29	9.77	0.90	0.00	0.33	23.10	94.3	5.99	-36.0	14.50	clear	sulfuric
15:36	9.78	1.60	0.00	0.03	23.22	98.1	5.88	-40.0	10.50		
15:37	9.78	1.70	0.10	0.00	23.21	98.9	5.86	-40.0	7.53		

Sampling Data

Sample Information		Final Purge Readings		Field Test Kit Readings (mg/L)			
Sample Date:	12/12/2003	DO (mg/L):	0.01	DO:	0.00	Sulfate:	0.00
Sample Start Time:	15:37	Temp (*C):	23.22	CO2:	0.00	Sulfide:	0.00
Sample End Time:	15:53	SEC (uS/cm):	98.80	Alkalinity:	0.00		
Field Filtered:	☐	pH:	5.86	Ferrous Iron:	0.00		
Duplicate:	☐	ORP (mV):	-41.00	H2S:	0.00		
		Turb (NTU):	7.42	Manganese:	0.00		

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

GROUNDWATER SAMPLING LOG

TERRAINE

Project Information

Project No: 04-41001/5	Project Name: Day Tank 1 - Cecil Field LTM/RAO	
Technician 1:	Technician 2: Larry Wolski	Weather: Sunny
Sampling ID: 04-41001/5:CEF-293-22:12/12/2003		
Notes:		

Well Information

Well ID: **CEF-293-22**	Sampling Date: **12/12/2003**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 75.95	Northing: 0	Easting: 0
Static Depth to Water (ft): 8.65	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Peristaltic	Tubing Material: PPE		Pump Set at (ft): 11.00
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 16:27	Purge End: 16:33	Total Volume Purged (gal): 0.00	

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
16:29	9.17	1.10	0.00	4.24	24.43	63.3	5.62	113.0	169.00	brown	none
16:31	9.19	1.20	0.00	4.33	24.43	63.3	5.63	107.0	177.00		
16:33	9.18	1.30	0.10	4.23	24.41	63.1	5.63	102.0	179.00		

Sampling Data

Sample Information

Sample Date:	12/12/2003
Sample Start Time:	16:33
Sample End Time:	16:58
Field Filtered:	☐
Duplicate:	☐

Final Purge Readings

DO (mg/L):	4.24
Temp (*C):	24.35
SEC (uS/cm):	62.60
pH:	5.63
ORP (mV):	99.00
Turb (NTU):	175.00

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:

"PAHs, VOCs"

Technician Initials

GROUNDWATER SAMPLING LOG

TERRAINE

Project Information

Project No: 04-41001/5	Project Name: Day Tank 1 - Cecil Field LTM/RAO	
Technician 1:	Technician 2: Larry Wolski	Weather: Cloudy
Sampling ID: 04-41001/5:VEW-02:12/12/2003		
Notes:		

Well Information

Well ID: **VEW-02**	Sampling Date: **12/12/2003**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 75.86	Northing: 0	Easting: 0
Static Depth to Water (ft): 11.04	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Peristaltic	Tubing Material: PPE		Pump Set at (ft): 13.00
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 17:48	Purge End: 18:06	Total Volume Purged (gal): 0.00	

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
18:01	11.11	0.90	0.00	4.52	22.67	55.7	5.85	25.0	263.00	brown	sulfuric
18:04	11.12	1.00	0.00	4.31	22.72	54.1	5.83	21.0	269.00		
18:06	11.10	1.20	0.20	4.16	22.76	56.5	5.83	22.0	257.00		

Sampling Data

Sample Information		Final Purge Readings		Field Test Kit Readings (mg/L)			
Sample Date:	12/12/2003	DO (mg/L):	4.01	DO:	0.00	Sulfate:	0.00
Sample Start Time:	18:06	Temp (*C):	22.78	CO2:	0.00	Sulfide:	0.00
Sample End Time:	18:32	SEC (uS/cm):	56.30	Alkalinity:	0.00		
Field Filtered:	☐	pH:	5.82	Ferrous Iron:	0.00		
Duplicate:	☐	ORP (mV):	23.00	H2S:	0.00		
		Turb (NTU):	225.00	Manganese:	0.00		

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

GROUNDWATER SAMPLING LOG

TERRAINE

Project Information

Project No: 04-41001/5	Project Name: Day Tank 1 - Cecil Field LTM/RAO	
Technician 1: Karen Baer	Technician 2:	Weather: Sunny
Sampling ID: 04-41001/5:VEW-03:12/12/2003		
Notes:		

Well Information

Well ID: **VEW-03**	Sampling Date: **12/12/2003**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 75.28	Northing: 0	Easting: 0
Static Depth to Water (ft): 7.80	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Nomad Submersible	Tubing Material: PPE		Pump Set at (ft): 9.00
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 15:40	Purge End: 16:14	Total Volume Purged (gal): 0.00	

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
15:42	7.95	0.20	0.00	2.48	23.48	370.0	5.25	-167.0	827.00	brown	none
15:45	7.95	0.50	0.00	1.71	23.87	368.0	5.21	-185.0	715.00		
15:49	7.95	0.60	0.00	1.21	23.91	366.0	5.19	-194.0	515.00		
15:52	7.95	0.70	0.00	1.06	23.89	364.0	5.20	-210.0	374.00		
15:56	7.95	0.90	0.00	1.04	23.88	364.0	5.20	-219.0	235.00		
16:00	7.95	1.00	0.00	0.95	23.96	365.0	5.17	-225.0	108.00		
16:06	7.95	1.40	0.00	0.89	24.25	360.0	5.13	-209.0	68.80		
16:12	7.95	1.80	0.00	0.66	24.50	355.0	5.09	-223.0	29.80		

Sampling Data

Sample Information		Final Purge Readings		Field Test Kit Readings (mg/L)			
Sample Date:	12/12/2003	DO (mg/L):	0.66	DO:	0.00	Sulfate:	0.00
Sample Start Time:	16:14	Temp (*C):	24.55	CO2:	0.00	Sulfide:	0.00
Sample End Time:	16:25	SEC (uS/cm):	354.00	Alkalinity:	0.00		
Field Filtered:	☐	pH:	5.10	Ferrous Iron:	0.00		
Duplicate:	☐	ORP (mV):	-223.00	H2S:	0.00		
		Turb (NTU):	24.10	Manganese:	0.00		

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

GROUNDWATER SAMPLING LOG

TERRAINE

Project Information

Project No: 04-41001/5	Project Name: Day Tank 1 - Cecil Field LTM/RAO	
Technician 1:	Technician 2: Larry Wolski	Weather: Cloudy
Sampling ID: 04-41001/5:VEW-04:12/12/2003		
Notes:		

Well Information

Well ID: **VEW-04**	Sampling Date: **12/12/2003**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 75.54	Northing: 0	Easting: 0
Static Depth to Water (ft): 8.12	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Peristaltic	Tubing Material: PPE		Pump Set at (ft): 10.50
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 17:05	Purge End: 17:24	Total Volume Purged (gal): 0.00	

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
17:20	8.21	1.20	0.00	0.59	24.37	36.1	5.46	186.0	69.60	milky	organic
17:22	8.22	1.40	0.00	0.37	24.37	36.0	5.38	182.0	70.40		
17:24	8.21	1.50	0.10	0.28	24.35	35.9	5.39	181.0	70.80		

Sampling Data

Sample Information		Final Purge Readings		Field Test Kit Readings (mg/L)			
Sample Date:	12/12/2003	DO (mg/L):	0.28	DO:	0.00	Sulfate:	0.00
Sample Start Time:	17:24	Temp (*C):	24.34	CO2:	0.00	Sulfide:	0.00
Sample End Time:	17:42	SEC (uS/cm):	35.80	Alkalinity:	0.00		
Field Filtered:	☐	pH:	5.37	Ferrous Iron:	0.00		
Duplicate:	☐	ORP (mV):	182.00	H2S:	0.00		
		Turb (NTU):	68.10	Manganese:	0.00		

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

GROUNDWATER SAMPLING LOG

TERRAINE

Project Information

Project No: 04-41001/5	Project Name: Day Tank 1 - Cecil Field LTM/RAO	
Technician 1: Karen Baer	Technician 2:	Weather: Sunny
Sampling ID: 04-41001/5:VEW-05:12/12/2003		
Notes:		

Well Information

Well ID: **VEW-05**	Sampling Date: **12/12/2003**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 74.63	Northing: 0	Easting: 0
Static Depth to Water (ft): 7.40	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Peristaltic	Tubing Material: PPE		Pump Set at (ft): 9.00
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 16:50	Purge End: 17:02	Total Volume Purged (gal): 0.00	

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
16:54	7.50	2.70	0.00	0.45	23.94	278.0	4.69	-216.0	38.40	clear	none
16:58	7.45	3.00	0.00	0.36	23.76	277.0	4.70	-233.0	34.90		
17:00	7.45	3.30	0.15	0.36	23.65	278.0	4.69	-214.0	34.40		

Sampling Data

Sample Information

Sample Date:	12/12/2003
Sample Start Time:	17:02
Sample End Time:	17:07
Field Filtered:	☐
Duplicate:	☐

Final Purge Readings

DO (mg/L):	0.36
Temp (*C):	23.62
SEC (uS/cm):	278.00
pH:	4.68
ORP (mV):	-214.00
Turb (NTU):	31.00

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, PAHs"

Technician Initials

GROUNDWATER SAMPLING LOG

TERRAINE

Project Information

Project No: 04-41001/5	Project Name: Day Tank 1 - Cecil Field LTM/RAO	
Technician 1: Karen Baer	Technician 2:	Weather: Sunny
Sampling ID: 04-41001/5:VEW-07:12/12/2003		
Notes:		

Well Information

Well ID: **VEW-07**	Sampling Date: **12/12/2003**	
Well Diam (in): 0.0	Total Well Depth (ft): 0.00	Well Screen Interval (ft):
TOC Elevation (ft msl): 76.44	Northing: 0	Easting: 0
Static Depth to Water (ft): 8.90	Well Capacity (gal): 0.00	

Purge Setup

Purge Method: Peristaltic	Tubing Material: PPE		Pump Set at (ft): 12.00
pH Meter: Horiba U-22	Cond. Meter: Horiba U-22	DO Meter: Horiba U-22	Turb. Meter: Hach 2100P
Purge Start: 17:35	Purge End: 17:45	Total Volume Purged (gal): 0.00	

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
17:37	8.80	2.50	0.00	0.22	23.75	469.0	5.05	-308.0	35.40	brown	organic
17:40	8.90	2.60	0.03	0.19	23.54	469.0	5.07	-310.0	46.20		
17:43	8.90	2.70	0.00	0.17	23.27	469.0	5.07	-305.0	37.50		

Sampling Data

Sample Information		Final Purge Readings		Field Test Kit Readings (mg/L)			
Sample Date:	12/12/2003	DO (mg/L):	0.17	DO:	0.00	Sulfate:	0.00
Sample Start Time:	17:45	Temp (*C):	23.18	CO2:	0.00	Sulfide:	0.00
Sample End Time:	17:55	SEC (uS/cm):	469.00	Alkalinity:	0.00		
Field Filtered:	☐	pH:	5.07	Ferrous Iron:	0.00		
Duplicate:	☐	ORP (mV):	-307.00	H2S:	0.00		
		Turb (NTU):	35.40	Manganese:	0.00		

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