

**FOCUSED REMEDIAL INVESTIGATION
REPORT**

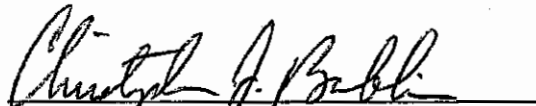
*Northeast Solite Corporation/Industrial
Environmental Systems, Inc.
New York Facility
962 Kings Highway
Mount Marion, New York*

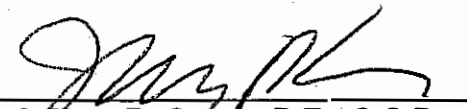
April 5, 2005

**Order on Consent Index # W3-0881-01-02
NYSDEC Site Code #3-56-005**

**Prepared For:
Northeast Solite Corporation
4801 Hermatige Road-Suite 105
Richmond, Virginia 23227**

**Submitted to:
Ms. Tara L. Diaz
Environmental Engineer
New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, New York 12233-7015**


**Christopher J. Bablin, P.G., CPG
Senior Project Geologist**


**Jeffrey R. Sotek, P.E., C.S.P.
Senior Project Manager**

**HRP ASSOCIATES, INC.
100 Saratoga Village Boulevard, Suite 27
Malta, New York 12020
(518) 899-3011**

HRP
Associates, Inc.

TABLE OF CONTENTS

<u>Section</u>		<u>Page</u>
	EXECUTIVE SUMMARY	
1.0	INTRODUCTION.....	1
2.0	FIELD METHODOLOGY.....	6
3.0	PRESENTATION OF RESULTS.....	13
4.0	DATA USABILITY SUMMARY REPORT	18
5.0	FINDINGS AND CONCLUSIONS	19

List of Tables

Table 1	.....	Summary Of Soil Sample Field Review
Table 2	.....	Soil Sample Results-RCRA Metals
Table 3	.....	Soil Sample Results-VOCs
Table 4	.....	Soil Sample Results-Semi-VOCs
Table 5	.....	Soil Sample Results-PCBs
Table 6	.....	Groundwater Sample Results-RCRA Metals
Table 7	.....	Groundwater Sample Results-VOCs
Table 8	.....	Groundwater Sample Results-Semi-VOCs
Table 9	.....	Groundwater Sample Results-PCBs
Table 10	.....	Surface Water Sample Results
Table 11	.....	Sediment Sample Results
Table 12	.....	Elevation Survey

List of Figures

1. Site Location Map	Follows Text
2. Site Plan	Follows Text
3. Soil Boring Locations	Follows Text
4. Groundwater Contour Map	Follows Text

List of Appendices

- A) Soil Boring Logs
- B) Soil Sample Analytical Results
- C) Groundwater Sample Analytical Results
- D) Data Usability Summary Reports (Soil Samples)
- E) Data Usability Summary Reports (Groundwater Samples)

FOCUSED REMEDIAL INVESTIGATION REPORT

*Northeast Solite Corporation/ Former Industrial Environmental Systems
New York Facility
962 Kings Highway
Mount Marion, New York*

Executive Summary

This Report summarizes HRP Associates, Inc.'s (HRP's) Focused Remedial Investigation (FRI) of the Northeast Solite Corporation (NES)/former Industrial Environmental Systems (IES) facility, located at 962 Kings Highway in Mount Marion (Town of Saugerties), Ulster County, New York (referred to herein as the Site). This FRI was conducted in accordance with an approved New York State Department of Environmental Conservation (NYSDEC) Work Plan (approved on March 31, 2004) to fill in a data gap, which has existed at the site since the early 1990s.

Based on HRP's historical review, waste solvents were formerly used as fuel in rotary kilns at the site from 1976 to the early 1980's. Reportedly, the site utilized nine (9) aboveground storage tanks (ASTs) to blend, isolate, and transfer waste solvent fuel to rotary kilns via aboveground and underground piping.

The NYSDEC determined that the facility's use/storage of spent solvents constituted the operation of a hazardous waste storage site requiring a permit (pursuant to Section 360.8(a)(17) of 6 NYCRR. Therefore an Order on Consent was negotiated and signed in 1981. From 1983 to 1987, significant remedial investigations/actions occurred on-site (removal of all underground piping; cleaning/ decommissioning of storage tanks; the excavation and removal of contaminated soil, then the subsequent installation of a macadam cover near the former fuel tanks, fuel lines, and a bedrock seep; the installation and periodic sampling of groundwater monitoring wells; and, the monitoring, treatment, and collection of water from the bedrock seep).

Therefore, to update the site's data set, thus filling in the data gap, this FRI scope was negotiated with the NYSDEC and subsequently implemented. Briefly stated, the FRI/FS scope consisted of the installation of fifteen (15) soil borings; the collection of soil samples; the analysis of 76 soil samples for Volatile Organic Compounds (VOCs), semi-VOCs, and Polychlorinated Biphenyls (PCBs); the analysis of 28 soil samples for 8 RCRA metals; the collection of five (5) grab groundwater samples from soil borings NES-5RR, NES-6RR, NES-7RR, NES-13TF, and NES-15BA; the collection of ten (10) groundwater samples from existing monitoring wells BR-3, DFT-3, DFT-4, DFT-11, DSP-2 (2), DSP-2 (4), DSP-3, DSP-4, DSP-5, and the on-site production well; the collection of a sample from the bedrock seep; and, the collection of one (1) surface water sample and one sediment sample from the northern stormwater pond.

HRP

Associates, Inc.

Briefly stated, the results of the investigation indicated that no obvious indications of gross contamination were observed during the field review. A further discussion of each medium sampled is provided below.

Soil

The soil analytical data indicates that on-site soils have not been significantly impacted by VOCs, Semi-VOCs, metals, or PCBs. Soil samples collected near the polishing ponds detected metals (in particular, Cadmium, Chromium, Lead, and Mercury) slightly above the NYSDEC's TAGM #4046 Recommended Soil Cleanup Objectives (RSCOs).

Groundwater

The groundwater analytical data collected during the FRI indicates that groundwater has not been significantly impacted by metals, VOCs, Semi-VOCs, or PCBs. Groundwater near the railroad siding (specifically NES-5RR, and NES-7RR) detected Cadmium, Chromium, and Lead, at levels marginally above the NYSDEC GWQS. In addition, one groundwater sample (NES-6RR) detected PCBs marginally above the GWQS.

Seep

The analytical data indicates that the seep sample was not significantly impacted with VOCs, Semi-VOCs, or PCBs.

Surface Water

The surface water sample indicated that no detections were reported above any applicable surface water standards.

Sediment

The analytical data indicates that the sediment sample was not significantly impacted with VOCs, Semi-VOCs, or PCBs. Arsenic was detected marginally above the recognized TAGM 4046 RSCO background level of 3-12ppm.

HRP's implementation of this FRI has been successful in filling in the gap in the site's data set from the early 1990s until the present. The data collected from this FRI indicates that the remediation efforts were effective in addressing subsurface contamination issues.

Based on the data collected to date, the site's underlying soils and groundwater are not significantly impacted by metals, VOCs, semi-VOCs, or PCBs. Although some low-level concentrations of PCBs and metals are present at levels marginally above the applicable RSCOs/GWQS in soil and groundwater samples at localized areas on-site [railroad siding (metals, PCBs in groundwater) and Polishing Ponds (metals in soil)], the data and the field observations have demonstrated that these areas are limited in both vertical and horizontal extent. Therefore, HRP does not recommend that any additional investigations be conducted at the Northeast Solite Facility in Mount Marion, New York.

HRP

Associates, Inc.

FOCUSED REMEDIAL INVESTIGATION REPORT

*Northeast Solite Corporation/ Industrial Environmental Systems, Inc.
New York Facility
962 Kings Highway
Mount Marion, New York*

1.0 Introduction

HRP Associates, Inc. (HRP) has prepared this Focused Remedial Investigation (FRI) report for the Northeast Solite Corporation (NES)/former Industrial Environmental Systems, Inc. (IES) facility, located at 962 Kings Highway in Mount Marion (Town of Saugerties), Ulster County, New York (referred to herein as the Site). The investigation was conducted pursuant to the New York State Department of Environmental Conservation's (NYSDEC's) Order on Consent #W3-00881-01-02, which was executed on March 26, 2001 between the NYSDEC and NES/IES, both respondents to the Consent Order.

This FRI was conducted in accordance with a NYSDEC-approved FRI/FS Work Plan (approved on March 31, 2004) to fill in a data gap, which has existed at the site since the early 1990s. Routine groundwater sampling stopped by 1988, when a closure certification was received from the NYSDEC.

Briefly stated, the following tasks were completed during the FRI:

- The installation of fifteen (15) soil borings using a Geoprobe®. Essentially, the borings were installed in the vicinity of the former tank farm, the polishing pond, and downgradient of these areas;
- The collection of soil samples from discrete, 2 ft intervals within each soil boring installed;
- The analysis of a total of 76 soil samples for Target Compound List (TCL) Volatile Organic Compounds (VOCs) by EPA Method 8260, semi-VOCs by EPA Method 8270, and Polychlorinated Biphenyls (PCBs) by EPA Method 8082;
- The analysis of 28 soil samples for 8 RCRA metals (Arsenic [As], Barium [Ba], Cadmium [Cd], Chromium [Cr], Lead [Pb], Mercury [Hg], Silver [Ag], and Selenium [Se] by EPA Methods 6010 and 7471 (Hg only);
- The collection of five (5) grab groundwater samples from soil borings NES-5RR, NES-6RR, NES-7RR, NES-13TF, and NES-15BA;
- The collection of ten (10) groundwater samples from existing monitoring wells BR-3, DFT-3, DFT-4, DFT-11, DSP-2 (2), DSP-2 (4), DSP-3, DSP-4, DSP-5, and the on-site production well;
- The collection of a sample from the bedrock seep; and,
- The collection of one (1) surface water sample and one sediment sample

from the northern stormwater pond.

1.1 Purpose and Goals of the Focused Remedial Investigation Report

The purpose of this FSI was to update the environmental data regarding the site's environmental history. Essentially, a gap existed in the site's data set, going back to the late 1980's, when remedial efforts were conducted. Routine groundwater monitoring was performed at the site, and was stopped, subsequent to the site obtaining closure from the NYSDEC. Therefore, the goal of this FRI is to obtain a delisted status for the NES facility from the NYSDEC's listing of inactive hazardous waste site.

1.2 Site Background

The following subsections discuss the site's description, the surrounding areas, the environmental history, and the geologic/hydrogeologic setting.

1.2.1 Site Description and Current Use

The 300±-acre site is located in Mount Marion, Ulster County, New York (See Figure 1, NYSDOT Topographic map, Saugerties Quadrangle for site location). The site is situated along Kings Highway (County Route 33) approximately two miles south of the Village of Saugerties, between the Esopus Creek to the east, and CSX Railroad tracks to the west (See Figure 2 for site plan).

Currently, the site is utilized by NES for the mining and manufacturing of lightweight aggregate, known as Solite®. Essentially, shale is mined on-site, and subsequently conveyed through a rotary kiln, where it is heated, and expanded. After leaving the kilns, the material is crushed, screened, and sized for various applications.

1.2.2 Topography

Based on HRP's review of the latest NYSDOT topographic map of the site area (Saugerties Quadrangle), the subject site is located on land, which slopes to the northwest. According to the topographic map, site elevation ranges from 270 ft mean sea level (MSL) at the southeastern part of the site, to 170 ft MSL at the northwestern part of the site.

1.2.3 Surface Water Bodies

The site abuts the Esopus Creek to the east, which flows north. In addition, seven (7) ponds are located on-site, including three (3)

settling or scrubber ponds, two (2) stormwater ponds, and two (2) recharge ponds.

1.2.4 Surrounding Land Uses

The surrounding areas are utilized for the following:

North:	Rural-Residential, and commercial/light industrial
South:	Rural-Residential, and commercial/light industrial
East:	Rural-Residential
West:	Consolidated Railroad property, then Kings Highway, then agricultural, light industrial, and commercial

1.3 Environmental History

1.3.1 Background

Based on HRP's review of the available documents, a 0.8±-acre portion of the site was utilized by Industrial Environmental Systems, Inc. (IES) for the storage and blending of industrial waste solvents (see Figure 2 for location of former IES site). These solvents were then used as a fuel in rotary kilns at the adjacent NES site from 1976 to the early 1980's. Reportedly, the IES site utilized nine (9) aboveground storage tanks (ASTs), including four (4) AST area to blend, isolate, and transfer the solvent fuel to the NES rotary kilns via aboveground and underground piping. Solvents at the facility were tested and then off-loaded from tankers into one of two (2) receiving tanks. The receiving tanks were used to blend the solvents and segregate solid materials. Periodically, the receiving tanks were cleaned out and the solid material was drummed. Reportedly, the drums were temporarily stored on-site, then transported off-site for disposal at an approved facility.

The NYSDEC determined that the facility's storage of spent solvents constituted the operation of a hazardous waste storage site requiring a permit (pursuant to Section 360.8(a)(17) of 6 NYCRR. Therefore IES signed an Order on Consent in 1981. As a result of signing the consent order, IES temporarily ceased its hazardous waste storage operations. The order also required NES/IES to submit a waste analysis plan (to test materials prior to incineration, ensuring that the materials are included on the permit) and conduct a subsurface investigation. IES eventually ceased these operations in 1983.

It should be noted that NES/IES followed an approved closure plan for its hazardous waste operations. A professional engineer's closure certification was submitted and subsequently approved by

the NYSDEC on July 6, 1988. Since the 1980's, the site has continued to operate as a lightweight aggregate manufacturing facility, utilizing fossil fuels, such as coal, to operate the kilns.

1.3.2 Remedial Actions to Date

HRP's review of previous documentation indicated that from 1983 to 1987, significant remedial investigations/actions occurred on-site, including the following:

- The removal of all underground piping;
- The cleaning and decommissioning of all storage tanks;
- The excavation and removal of contaminated soil, then the subsequent installation of a four-inch thick, weather-sealed macadam cover in the excavated area. This area was reportedly in the vicinity of fuel tanks, fuel lines, and the bedrock seep;
- The installation and periodic sampling of groundwater monitoring wells; and,
- The monitoring, treatment, and collection of water from the bedrock seep.

1.4 Geologic Setting

1.4.1 Surficial Geology

Based on HRP's review of available documents, the uppermost unconsolidated deposits are comprised of granular fill material, consisting of medium to fine gravel and shale chips. Reportedly, underlying the fill is glaciolacustrine silt and clay, which are described as varved, with medium plasticity.

1.4.2 Bedrock Geology

According to available information, the bedrock underlying the site is classified as belonging to the Middle Devonian-aged, Onondaga Limestone (Dou) which includes two of the formation's members, the Schoharie Formation and the Esopus Shale. The formations are described below as they are identified on-site:

Western Area (NES Product Storage Area)

The western portion of the site is reportedly underlain by the Onondaga Limestone, a Middle-Devonian aged, medium to light grey, medium to coarse-grained limestone. Reportedly, the Onondaga outcrops approximately 2,000 feet north of the kilns.

Eastern Area (Includes IES site)

The eastern portion of the site is said to be underlain by the Schoharie Formation, and the Esopus Shale. The Schoharie Formation, the younger member, is described as a grey, argillaceous (i.e., clay mineral rich) limestone. The Schoharie is reportedly observed in outcrops south of the tank farm area, and forms a low ridge which extends underneath the kilns and outcrops again north of the kilns. The Schoharie beds strike N20°E and dip 35° to the west.

Underlying the Schoharie is the Esopus Shale, which is described as a thick (250-300 feet), gritty siltstone. Reportedly, the Esopus outcrops on a hill east of the tank farm and forms a series of ridges further east and northeast. The Esopus is the source rock for the lightweight aggregate mining operations on-site.

1.4.3 Hydrogeology

According to the available information, the site's historical monitoring wells were installed in two (2) separate water-bearing zones (i.e., overburden and bedrock). Overburden monitoring wells were installed within a granular fill overlying the lacustrine deposits, while the bedrock wells were installed within the Onondaga Formation. Reportedly, a lacustrine clay aquitard separates the site's underlying water bearing zones, and varies in thickness from approximately three feet in BR-4, to over 200 feet in BR-2.

Western Area (NES Product Storage Area)

Reportedly, groundwater in the fill is very limited. Saturated thickness are generally less than two feet. Historical water level information indicates that water levels are below the fill/lacustrine contact, suggesting that fill is dry at these locations. As reported by DGC (February 1984), overburden groundwater flow direction overburden aquifer is principally west and northwest.

Eastern Area (Includes IES site)

Groundwater in the eastern end of the site (vicinity of historical IES site) is reported to exist under perched conditions above a relatively impervious layer of either lacustrine materials or bedrock. Reportedly, in the area that extends from the vertical tanks to the kilns, the granular fill lies directly above a buried bedrock ridge. Water that infiltrates the fill reportedly collects in bedrock depressions or troughs. Based on HRP's review of DGC's 1981 report, groundwater flow in underlying bedrock was not established.

Based on HRP's groundwater contouring of May 2004, GW flow direction at the site is westerly.

2.0 Field Methodology

To prepare this FRI report, several field activities were completed by HRP from the period of May 24 to June 2, 2004. Each task was completed to the specifications of the NYSDEC-approved FRI/FS work plan, and is described in detail below. An HRP geologist supervised the entire boring installation activities, performed the field screening, collected the soil samples and maintained a log of each soil boring. Soil boring logs detailing the on-site geologic descriptions and observations can be reviewed in Appendix A, while a complete summary of the soil sample field review is in Table 1.

2.1 Soil Boring Installations

HRP and Zebra Environmental (Zebra) of Albany, New York mobilized to the site on May 24, 2004. To evaluate potential source areas and areas of concern, HRP installed 15 soil borings on May 24-25, 2004 utilizing vibratory push techniques with a Geoprobe® model 5400 unit. The soil boring locations are illustrated on Figure 3.

During the boring installations, a continuous macrocore soil sample was collected every four feet at each location to a total depth of 16 feet or refusal, whichever was encountered first. Each soil sample was obtained in a new, acetate liner and divided into two (2), two-foot segments.

2.2 Soil Screening

The soil samples were screened (examined) in the field for physical evidence of contamination (i.e., odor, staining). In addition, a portion of each sampled interval was placed in a sealable, polyethylene bag, and subjected to a headspace analysis for gross volatile organics using a Rae Systems Mini Rae 2000 photoionization detector (PID) equipped with a 10.6 electron-volt (eV) bulb. Table 1 summarizes the soil screening results.

2.3 Soil Sampling

At the request of the NYSDEC, soil samples collected from each interval within both the tank farm areas (soil borings with a "TF" designation) and polishing pond areas (soil borings with a "PP" designation) were analyzed for the Target Compound List (TCL) of volatile organic compounds (VOCs) via EPA Method 8260. The tank farm and polishing pond areas were both considered Areas Of Concern (AOC), therefore the rationale for selecting each interval in both the TF and PP borings was to determine the degree and extent of any detections within these AOCs.

In addition, each sample from the TF and PP borings were analyzed for semi-volatiles (SVOCS) via EPA Method 8270, and Polychlorinated Biphenyls (PCBs) via EPA Method 8082. Also, the PP soil boring samples were analyzed for the eight (8) RCRA metals (i.e., As, Ba, Cd, Cr, Pb, Hg, Se, and Ag).

Table 1
SUMMARY OF SOIL SAMPLE FIELD REVIEW
Northeast Solite
Mount Marion, New York

Boring	Location	Soil Sample		PID reading (ppm)	
		Depth (ft)	Odor/Staining	SS	HS
NES-1 BG	Original background loc., east of kilns, IES	0-2	N/N	2.0	0.1
		2-4	N/N	0.0	0.0
NES-2-PP	Southwest corner of polishing pond	0-2	N/N	1.0	0.0
		2-4	N/N	1.5	0.1
		4-6	N/N	0.0	0.2
		6-8	N/N	0.0	0.1
		8-10	N/N	0.0	0.0
		10-12	N/N	0.0	0.0
		12-14	N/N	0.0	0.0
		14-16	N/N	0.0	0.1
NES-3-PP	Northwest corner of polishing pond	2-4	N/N	0.0	0.1
		0-2	N/N	0.0	0.0
		2-4	N/N	0.0	0.1
		4-6	N/N	0.0	0.1
		6-8	N/N	0.0	0.1
		8-10	N/N	0.0	0.1
		10-12	N/N	0.0	0.0
		12-14	N/N	1.0	0.1
NES-4-PP	Northeast corner of polishing pond	14-16	N/N	20.0	0.0
		0-2	N/N	0.0	0.1
		2-4	N/N	0.0	0.0
		4-6	N/N	0.0	0.0
		6-8	N/N	0.0	0.0
		8-10	N/N	0.0	0.0
		10-12	N/N	0.0	0.0
		12-14	N/N	0.0	0.1
NES-5-RR	East of railroad tracks, near production well	14-16	N/N	0.0	0.1
		0-2	N/N	0.0	0.0
		2-4	N/N	0.0	0.1
		4-6	N/N	0.0	0.0
		6-8	N/N	0.0	0.0
		8-10	N/N	0.0	0.2
		10-12	N/N	0.0	0.0
		12-14	N/N	0.0	0.0
		14-16	N/N	0.0	0.0

Table 1
SUMMARY OF SOIL SAMPLE FIELD REVIEW
 Northeast Solite
 Mount Marion, New York

Boring	Location	Soil Sample		PID reading (ppm)	
		Depth (ft)	Odor/Staining	SS	HS
NES-6-RR	East of railroad tracks, near crusher	0-2	N/N	0.0	0.0
		2-4	N/N	0.0	0.2
		4-6	N/N	0.0	0.1
		6-8	N/N	0.0	0.0
		8-10	N/N	0.0	0.0
		10-12	N/N	0.0	0.0
		12-14	N/N	0.0	0.0
		14-16	N/N	0.0	0.0
NES-7-RR	East of railroad tracks, near storage piles	0-2	N/N	0.0	0.0
		2-4	N/N	0.0	0.0
		4-6	N/N	0.0	0.0
		6-8	N/N	0.0	0.1
		8-10	N/N	0.0	0.0
		10-11(r)	N/N	0.0	0.1
NES-8-TF	Tank farm, near large AST	0-2	N/N	1.0	0.5
		2-4	N/N	4.0	2.0
		4-6	N/N	2.0	2.0
		6-8 (r)	Y/N	25.0	21.0
NES-9-TF	Tank farm, near former well DFT-1	0-2	N/N	0.0	0.0
		2-4	N/N	0.0	0.0
		4-6 (r)	N/N	0.0	0.0
NES-10-TF	Tank farm, north of former horizontal ASTs	0-2	N/N	0.0	0.0
		2-4	N/N	0.0	0.0
		4-6	N/N	0.0	0.0
		6-8	N/N	0.0	0.0
		8-10	N/N	0.0	0.0
		10-11 (r)	N/N	0.0	0.0
NES-11-TF	Tank farm, south of former horizontal ASTs	0-2	N/N	0.0	0.0
		2-4	N/N	0.0	0.0
		4-6	N/N	0.0	0.0
		6-8	N/N	0.0	0.0
		8-10	N/N	0.0	0.0
		10-12	N/N	0.0	0.0
		12-14	N/N	0.0	0.0
		14-16	N/N	0.0	0.0
NES-12-TF	Tank farm, up the hill from former well UFT-1/1A	0-2	N/N	0.0	0.0
		2-4	N/N	0.0	0.0
		4-6	N/N	0.0	0.0
		6-8	N/N	0.0	0.0
		8-10	N/N	0.0	0.0
		10-12	N/N	0.0	0.0
		12-14 (r)	N/N	0.0	0.0

Table 1
SUMMARY OF SOIL SAMPLE FIELD REVIEW
 Northeast Solite
 Mount Marion, New York

Boring	Location	Soil Sample		PID reading (ppm)	
		Depth (ft)	Odor/Staining	SS	HS
NES-13-TF	East of tank farm, near former well DFT-1	0-2	N/N	0.1	0.0
		2-4	N/N	0.0	0.0
		4-6	N/N	0.0	0.0
		6-8	N/N	0.5	1.0
		8-10	N/N	0.0	0.0
		10-12	N/N	0.0	0.0
		12-13 (r)	N/N	0.0	0.0
NES-14-Seep	Downgradient of bedrock seep	0-2	N/N	0.0	0.0
		2-4	N/N	0.0	0.0
		4-6	N/N	0.0	0.0
		6-8	N/N	0.0	0.0
		8-10	N/N	0.0	0.0
		10-12	N/N	0.0	0.0
		12-14	N/N	0.0	0.0
NES-15-BA	Re-located background location,	0-4	N/N	0.0	0.0
		4-5 (r)	N/N	0.0	0.0

N = No

Y = Yes

SS-Measured directly from Soil Sample

HS-Head Space

(r)-Refusal encountered

2.4 Soil Boring Completion

Each soil boring was completed by installing a clean sand backfill, then sealed at the surface with a cement/grout slurry. A wooden stake was placed next to the boring, flagged with fluorescent tape and labeled with the boring's designation and the date of installation.

2.5 Investigation Derived Materials (IDMs)

All soil cuttings, and Investigation Derived Materials (IDMs), including gloves, tubing, and spent acetate liners were drummed in DOT-approved 55-gallon steel, open top drums. In addition, groundwater purged from each Geoprobe boring was also be drummed. Drums were properly labeled with the following information: contents, start date, and end date, and staged at an

appropriate on-site location. These wastes will be evaluated and, if necessary, disposed off-site at an approved facility.

2.6 Grab Groundwater Sample Collection

At locations where groundwater was encountered prior to refusal (i.e. NES-5RR, NES-5RR, NES-7RR, NES-13TF), HRP collected a grab groundwater sample directly from the boring (See Figure 3). The grab groundwater samples were collected by installing a temporary 1-inch diameter PVC monitoring well. A stainless steel foot valve was attached to a new length of polyethylene tubing. Samples were collected in laboratory-provided containers, labeled, and placed in an iced cooler for shipment to the laboratory.

Grab Groundwater samples were analyzed for the Target Compound List (TCL) of volatile organic compounds (VOCs) via EPA Method 8260. In addition, samples will be analyzed for semi-volatiles (SVOCS) via EPA Method 8270, and Polychlorinated Biphenyls (PCBs) via EPA Method 8082. Also, groundwater collected in the vicinity of the polishing ponds (i.e., Monitoring wells DSP-3, DSP-4, and DSP-5) were analyzed for the eight (8) RCRA metals (i.e., As, Ba, Cd, Cr, Pb, Hg, Se, and Ag) by EPA Methods 6010 and 7471 (Hg only).

2.7 Groundwater Sampling of Existing Monitoring Well Network

On May 27 and June 2, 2004, a team of HRP technicians reviewed the integrity of the existing monitoring wells, and measured the depth to liquid and depth to bottom in each well from a measuring point (i.e., top of casing). The existing well locations are illustrated on Figure 2. Prior to commencing with the development/sampling activities, HRP checked each monitoring well for both Dense and Light Non-Aqueous Phase Liquids (DNAPLs and LNAPLs) by carefully lowering a clear bailer into the liquid column until the bailer became full. The bailer was raised and the liquids were visually examined for evidence of DNAPL and LNAPL.

The team purged each well by removing approximately 3-6 volumes of groundwater or until the well went dry, using either dedicated polyethylene bailers and a low flow pump. In the case of the production well, HRP documented that the well had been pumping for a minimum of 30 minutes prior to collecting the samples.

Groundwater samples were analyzed for the Target Compound List (TCL) of volatile organic compounds (VOCs) via EPA Method

8260. In addition, samples were analyzed for semi-volatiles (SVOCS) via EPA Method 8270, and Polychlorinated Biphenyls (PCBs) via EPA Method 8082. Also, groundwater collected in the vicinity of the settling ponds (i.e., Monitoring wells DSP-3, DSP-4, and DSP-5) were analyzed for the eight (8) RCRA metals (i.e., As, Ba, Cd, Cr, Pb, Hg, Se, and Ag) by EPA Methods 6010 and 7471 (Hg only).

2.8 Groundwater Elevation Survey

HRP reviewed the historical site elevation data and used a Berger SAL-1 auto level mounted to a tripod to conduct a relative groundwater elevation survey across the site. The elevation of an on-site benchmark (stationary flat surface) was arbitrarily established as 100 ft in elevation. Each monitoring well's measuring point (black mark on casing) was surveyed relative to the benchmark to establish the measuring point's elevation. The acquired groundwater levels, which are measured from the measuring point, were subtracted from each measuring point's elevation to obtain the groundwater elevation at the monitoring well. The groundwater elevations were used to construct a groundwater contour map. The groundwater contour map is illustrated on Figure 4.

2.9 Sampling of On-Site Pond

HRP collected one (1) surface water and one (1) sediment sample from the northernmost stormwater pond (See Figure 2). HRP selected an undisturbed location on the pond's northern shore to collect surface water using a polyethylene dipper bottle, obtained from the laboratory. The dipper was used to fill the sample containers. The containers will be labeled and placed in an iced cooler for preservation until transport to the laboratory.

In addition, one sediment sample was collected from the pond using a stainless steel trowel. The sediment sample was collected at approximately the same location on shore as where the surface water sample was collected. Sediment was transferred into the sample containers using the trowel. The containers were labeled and placed in an iced cooler for preservation until transport to the laboratory.

The surface water and sediment samples obtained from the northern stormwater pond were analyzed for the Target Compound List (TCL) of volatile organic compounds (VOCs) via EPA Method 8260, semi-volatiles (SVOCS) via EPA Method 8270,

Polychlorinated Biphenyls (PCBs) via EPA Method 8082, and the eight (8) RCRA metals by EPA Methods 6010 and 7471 (Hg only). In addition, the surface water sample was analyzed for pH (EPA Method 150.1), total phenols (EPA Method 420.1), chloride (EPA Method 9096), sulfate (EPA Method 9096), and turbidity (EPA Method 180.1).

2.10 Sampling of Seep Face Water

HRP sampled the seep face, located south of the kilns and west of monitoring well BR-1. The seep was sampled by placing an unpreserved sample container under the flowing seep. The container was used to transfer seep water into the various sample containers until they are filled. The containers were labeled and placed in an iced cooler for preservation until transport to the laboratory.

The seep face water sample was analyzed for TCL VOCs via EPA Method 8260, SVOCS via EPA Method 8270, and PCBs via EPA Method 8082.

2.11 Off-site Groundwater Investigation

At the request of the NYSDEC, HRP conduct an off-site groundwater investigation at a location downgradient of the settling/scrubber ponds. The off-site groundwater investigation consisted of evaluating the integrity of off-site monitoring well DFT-3, and subsequently sampling this well. The off-site groundwater sample was analyzed for TCL VOCs via EPA Method 8260, SVOCS via EPA Method 8270, PCBs via EPA Method 8082, and the eight (8) RCRA metals.

2.12 Air Monitoring

Air monitoring was performed by HRP according to the NYSDEC-approved work plan. HRP utilized an MIE dust/mist monitor to perform particulate monitoring and the PID for VOC monitoring. The results of the air monitoring indicated that readings were within background levels during on-site intrusive activities.

3.0 Presentation of Results

The following section is a complete discussion of the Focused Remedial Investigation results, including the analytical results of the soil and groundwater samples submitted.

3.1 Analytical Results

3.1.1 Soil

The soil sample analytical results are summarized in Table 2 (RCRA Metals), Table 3 (VOCs), Table 4 (Semi-VOCs), and Table 5 (PCBs). The laboratory report forms (Form Js) are included in Appendix B. HRP compared the laboratory results to the NYSDEC's Technical Assistance Guidance Memorandum (TAGM) #4046 Recommended Soil Cleanup Objectives (RSCOs).

RCRA Metals

As seen on Table 2, Cadmium (Cd) was detected in one sample above the TAGM RSCO. Cadmium was detected in NES-2 PP, 2-4 ft at a concentration of 7.5 mg/kg (ppm). The TAGM RSCO for Cd is 1 ppm or the site background (0.12 ppm was detected in both background samples). Cadmium was also detected in several samples below the RSCOs, including the site background samples.

In addition, Chromium (Cr) was detected in three (3) samples above the RSCO (40 ppm-background) for this metal. The elevated detections were 43.1 ppm at NES-2PP, 2-4 ft, 43.1 ppm at NES-3PP, 10-12 ft, and 44.3 ppm at NES-3PP, 12-14 ft.

Mercury (Hg) was detected in three (3) three (3) samples above the RSCO (0.1 ppm) for this metal. These elevated detections, which were from the same soil boring (NES-2PP) were 1.1 ppm at 2-4 ft, 0.11 ppm at 6-8 ft, and 0.12 at 12-14 ft.

VOCs

As seen on Table 3, no VOCs were detected above any TAGM RSCO. Acetone was detected in several samples at low levels. Acetone is a common laboratory artifact, and was also detected in the method blanks, according to the DUSR (See Section 4.0 and Appendix D).

Acetone was detected in soil samples NES-3PP, 10-12 ft (90 µg/kg or ppb), NES-7RR, 6-8 ft (95 ppb), NES-13TF, 6-8 ft (87 ppb), NES-14Seep, 4-6 ft (140 ppb). The TAGM 4046 RSCO for acetone

is 200 ppb. It should be noted that NES-15BA, 4-5 ft, the site's background soil sample, contained acetone at 83 ppb.

Toluene was also detected within several samples at trace levels, which were significantly below the TAGM RSCO of 1,500 ppb.

Trace levels of trichloroethene (TCE) and Tetrachloroethene (PCE) were detected in NES-8TF, 6-8 ft (both concentrations at 4 ppb), NES-10TF, 2-4 ft (14 ppb and 54 ppb, respectively), and NES-10TF, 6-8 ft (12 ppb and 10 ppb, respectively). the TAGM RSCOs for these compounds are 700 ppb and 1,400 ppb, respectively.

Semi-VOCs

As seen on Table 4, no semi-VOCs were detected above any TAGM RSCO. Trace concentrations of 1,2,4-trichlorobenzene were detected in NES-8TF, and NES-10TF, located in the tank farm. The detections ranged from 53 ppb in NES-8TF to 760 ppb in NES-10TF. The TAGM RSCO for this compound is 3,400 ppb. Based on discussions with AES, 1,2,4-trichlorobenzene is a lighter-end semi-VOC/heavy-end VOC, and is therefore listed on the TAGM 4046 as a VOC.

PCBs

As seen on Table 5, no PCBs were detected above the TAGM RSCO, which is 10 ppm for a subsurface sample and 1 ppm for a surface soil sample). Trace to low concentrations of PCB arochlors, specifically Arochlor 1260, was detected in several soil samples, including NES-2PP, 2-4 ft (located at the polishing ponds); NES-8TF, 0-2 ft; NES-9TF, 0-2 ft; NES-10 TF, 0-2 ft; NES-10TF, 2-4 ft; NES-10TF, 4-6 ft; NES-10TF, 8-10 ft; and NES-11TF, 0-2 ft (all located in the tank farm). In addition, Arochlor 1248 was detected in samples NES-10TF, 2-4 ft; NES-10TF, 4-6 ft; and NES-10TF, 8-10 ft. Arochlor 1254 was also detected in NES-11TF, 0-2 ft. The TAGM RSCO for PCBs is 10 ppb.

3.1.2 Groundwater

The groundwater sample analytical results are summarized in Tables 6, 7, 8, and 9, while the laboratory report form ls are included in Appendix C. HRP compared the laboratory results to the NYSDEC's Groundwater Quality Standards (GWQS).

RCRA Metals

As seen on Table 6, Cadmium (Cr), Chromium (Cr), and lead (Pb) were detected at concentrations of 43.8 µg/l, 53.2 µg/l, and 57.9 µg/l, respectively in grab groundwater sample NES-5RR. These

concentrations are above the GWQS for these metals (10 µg/l, 50 µg/l, and 25 µg/l, respectively). In addition, lead was detected at a concentration of 27.4 µg/l in grab groundwater sample NES-7RR, which is marginally above the GWQS of 25 µg/l.

VOCs

As seen on Table 7, no VOCs were detected within any of the collected groundwater samples.

Semi-VOCs

As seen on Table 8, no semi-VOCs were detected at concentrations above the GWQS. A low concentration of 4-Nitroaniline was detected in DSP-2-4 at 3 ppb (GWQS is 5 ppb). In addition, Di-n-butylphthalate was detected in BR-3 (at 2 ppb), DFT-4 (at 2 ppb), DSP-2-2 (at 1 ppb), and DSP-2-4 (at 2 ppb). Each of these detections is below the NYSDEC GWQS of 50 ppb for this compound.

PCBs

As seen on Table 9, one trace level detection of PCBs (Arochlor 1260) was reported in grab groundwater sample NES-6RR at 0.13 ppb, which is marginally above the NYSDEC GWQS of 0.1 ppb.

3.1.3 Seep Sample

The analytical data collected during the seep sample indicated that groundwater collected at the seep was not significantly impacted with VOCs, or Semi-VOCs. A low level detection of PCBs (specifically Arochlor 1260) was reported in the seep sample at a concentration of 0.074 ppb, which is below the NYSDEC GWQS of 0.1 ppb for PCBs.

3.1.4 Surface Water (Pond)

The surface water sample results are summarized in Table 10. In general, no detections were reported above any applicable surface water standards.

3.1.5 Sediment (Pond)

The sediment sample results are summarized in Table 11. In general, no detections were reported above any applicable soil cleanup objectives. Arsenic was detected at 19.9 ppm, which is above the recognized TAGM 4046 RSCO background level of 3-12 ppm.

3.2 Discussion of Results

3.2.1 Soil

Polishing Ponds

The analytical data indicates that elevated levels of three (3) metals (Cadmium, Chromium, and Mercury) were detected in two (2) soil borings (NES-2PP and NES-3PP) near the polishing ponds. The remaining soil samples analyzed did not show elevated levels of metals at the polishing ponds. Therefore, the elevated levels of metals appear limited in both vertical and horizontal extent. No VOCs, semi-VOCs, or PCBs were detected above the RSCOs at the polishing ponds.

Based on HRP's review, soils near the polishing ponds have not impacted by VOCs, semi-VOCs, or PCBs, and have not been significantly impacted by metals.

Former tank Farm Area

VOCs, Semi-VOCs

The results have demonstrated that the site has not been significantly impacted by VOCs or semi-VOCs. Trace concentrations (likely residual) VOCs were detected in the vicinity of the tank farm. These detections were well below the RSCOs.

PCBs

No PCBs were detected above the RSCOs in the tank farm area. PCBs, in particular, Arochlor 1260, were detected in seven samples at the tank farm area. These detections were all well below the RSCOs.

3.2.2 Groundwater

The analytical data collected during the FRI indicates that in general, the site's underlying groundwater has not been significantly impacted by metals, VOCs, Semi-VOCs, and PCBs.

Groundwater in the vicinity of the railroad siding (specifically NES-5RR, and NES-7RR) has been marginally impacted by Cadmium, Chromium, Lead, and PCBs.

3.2.3 Seep

The analytical data collected during the FRI indicates that groundwater collected at the seep was not significantly impacted

with VOCs, or Semi-VOCs.

3.2.4 Surface Water

The analytical data collected during the FRI indicates that the surface water sample has not been impacted by metals, VOCs, Semi-VOCs, PCBs, or the various inorganic parameters which were analyzed.

3.2.5 Sediment

The analytical data collected during the FRI indicates that the sediment sample has not been impacted by metals, VOCs, Semi-VOCs, PCBs, or the various inorganic parameters which were analyzed.

4.0 Data Usability Summary Report

4.1 Introduction

HRP completed Data Usability Summary Reports (DUSRs) for this project. The DUSRs were conducted by DATAVAL, Inc. (Dataval) of Endwell, New York, pursuant to the NYSDEC's required elements of the final report. The validated Form I report forms are included as Appendix D and E.

4.2 Results of DUSR

Based on HRP's review of the DUSRs, the data collected during this FRI is considered technically defensible and completely useable in their present form.

5.0 Findings and Conclusions

5.1 Findings

5.1.1 HRP has completed this Focused Remedial Investigation (FRI) report for the Northeast Solite Corporation (NES) facility, located at 962 Kings Highway in Mount Marion, Ulster County, New York. The investigation was conducted pursuant to the New York State Department of Environmental Conservation's (NYSDEC's) Order on Consent #W3-00881-01-02, between the NYSDEC and NES/Industrial Environmental Systems, Inc. (IES), both respondents to the Consent Order.

5.1.2 The FRI activities included: the installation of 15 soil borings; The analysis of 28 soil samples for RCRA metals; The analysis of 76 soil samples for VOCs, semi-VOCs and PCBs; The collection of 5, grab groundwater samples from the soil borings; The collection of 10 groundwater samples from existing monitoring wells, and the on-site production well; The collection of one sample from an off-site monitoring well; The collection of a sample from the bedrock seep; and, The collection of one (1) surface water sample and one sediment sample from the northern stormwater pond.

5.1.3 Based on HRP's field observations, no obvious indications of gross contamination was observed during the field review.

5.1.4 The soil analytical data indicates that three (3) metals (Cadmium, Chromium, and Mercury) were detected marginally above RSCOs in two (2) soil borings (NES-2PP and NES-3PP) located near the polishing ponds.

5.1.5 HRP's review of the soil analytical data collected during this FRI indicates that no significant exceedences to the TAGM 4046 RSCOs were realized. Therefore, based on the analytical data and the field observations, on-site soils have not been significantly impacted by VOCs, Semi-VOCs, metals, or PCBs.

5.1.6 The groundwater analytical data collected during the FRI indicates that groundwater has not been significantly impacted by metals, VOCs, Semi-VOCs, or PCBs. Groundwater near the railroad siding (specifically NES-5RR, and NES-7RR) had Cadmium, Chromium, and Lead, which were marginally above the NYSDEC GWQS. In

addition, one groundwater sample (NES-6RR) detected PCBs marginally above the GWQS.

5.1.7 The seep analytical data collected during the FRI indicates that the seep was not significantly impacted with VOCs, Semi-VOCs, or PCBs. A low level detection of PCBs (Arochlor 1260) was reported in the seep sample below the GWQS.

5.1.8 The surface water sample results indicated that no detections were reported above any applicable surface water standards.

5.1.9 The analytical data collected during the FRI indicates that the sediment sample was not significantly impacted with VOCs, Semi-VOCs, PCBs, or metals.

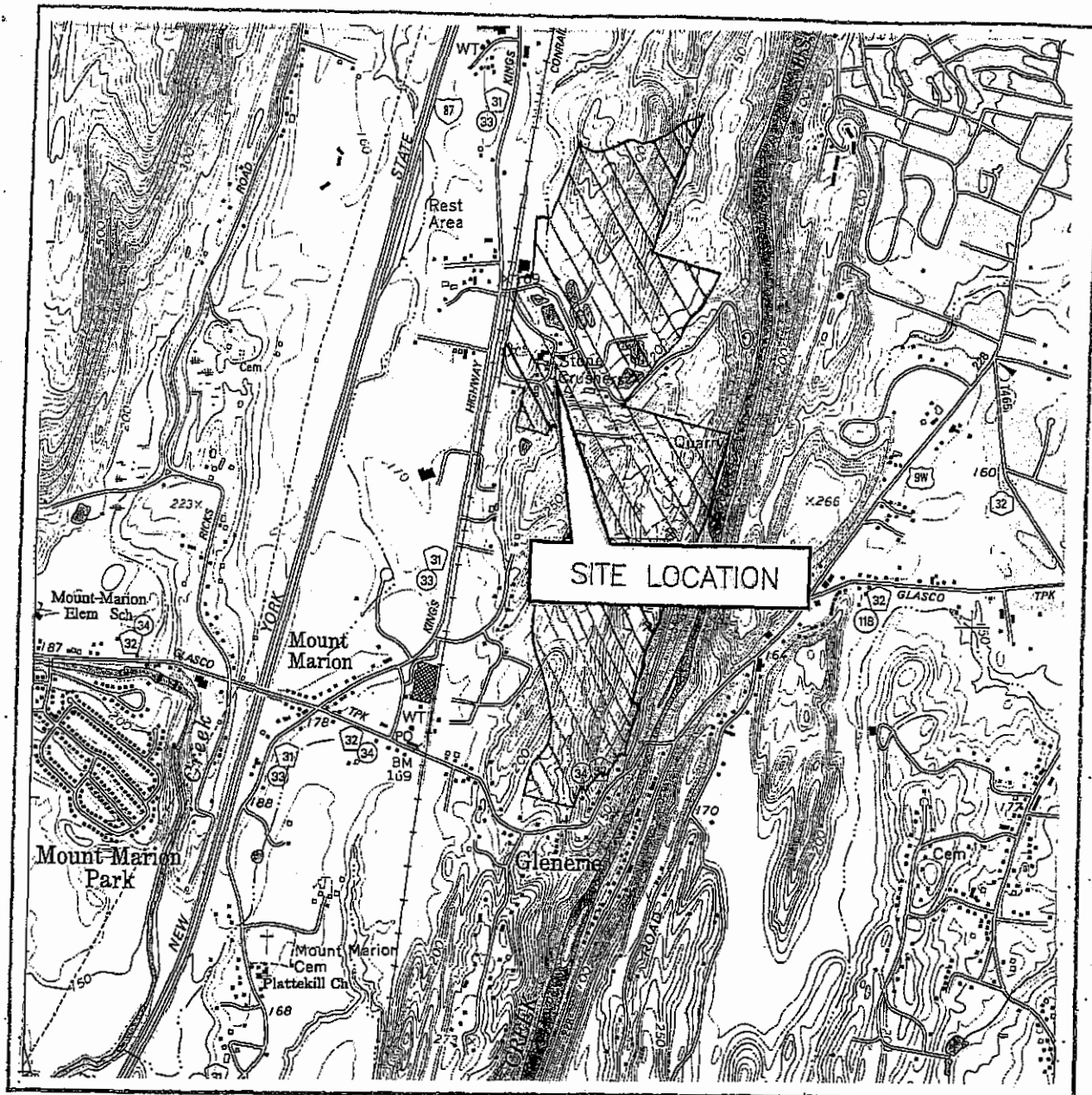
5.2 Conclusions

5.2.1 HRP's implementation of this FRI has been successful in filling in the gap in the site's data set from the early 1990s until the present.

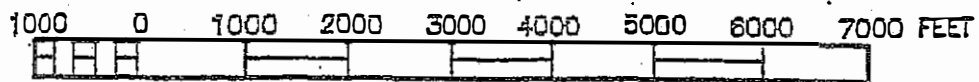
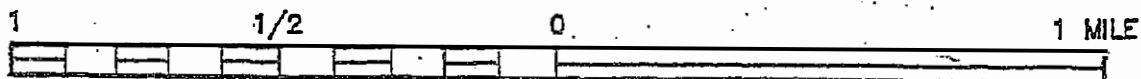
5.2.2 The data collected during this FRI indicates that the remediation efforts completed at the site to date were effective in addressing historical, subsurface contamination issues.

5.2.3 Based on the data collected to date, the site's underlying soils and groundwater are not significantly impacted by metals, VOCs, semi-VOCs, or PCBs. Although some low-level concentrations of PCBs and metals are present above the applicable RSCOs/GWQS in soil and groundwater samples at localized areas on-site [railroad siding (metals, PCBs in groundwater) and Polishing Ponds (metals in soil)], the data and the field observations have demonstrated that these areas are limited in both vertical and horizontal extent.

5.2.4 HRP does not recommend that any additional investigations be conducted at the Northeast Solite Facility in Mount Marion, New York.



SCALE 1 : 24000



CONTOUR INTERVAL 10 FEET

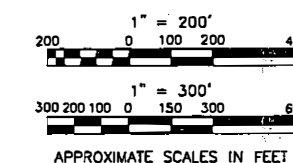
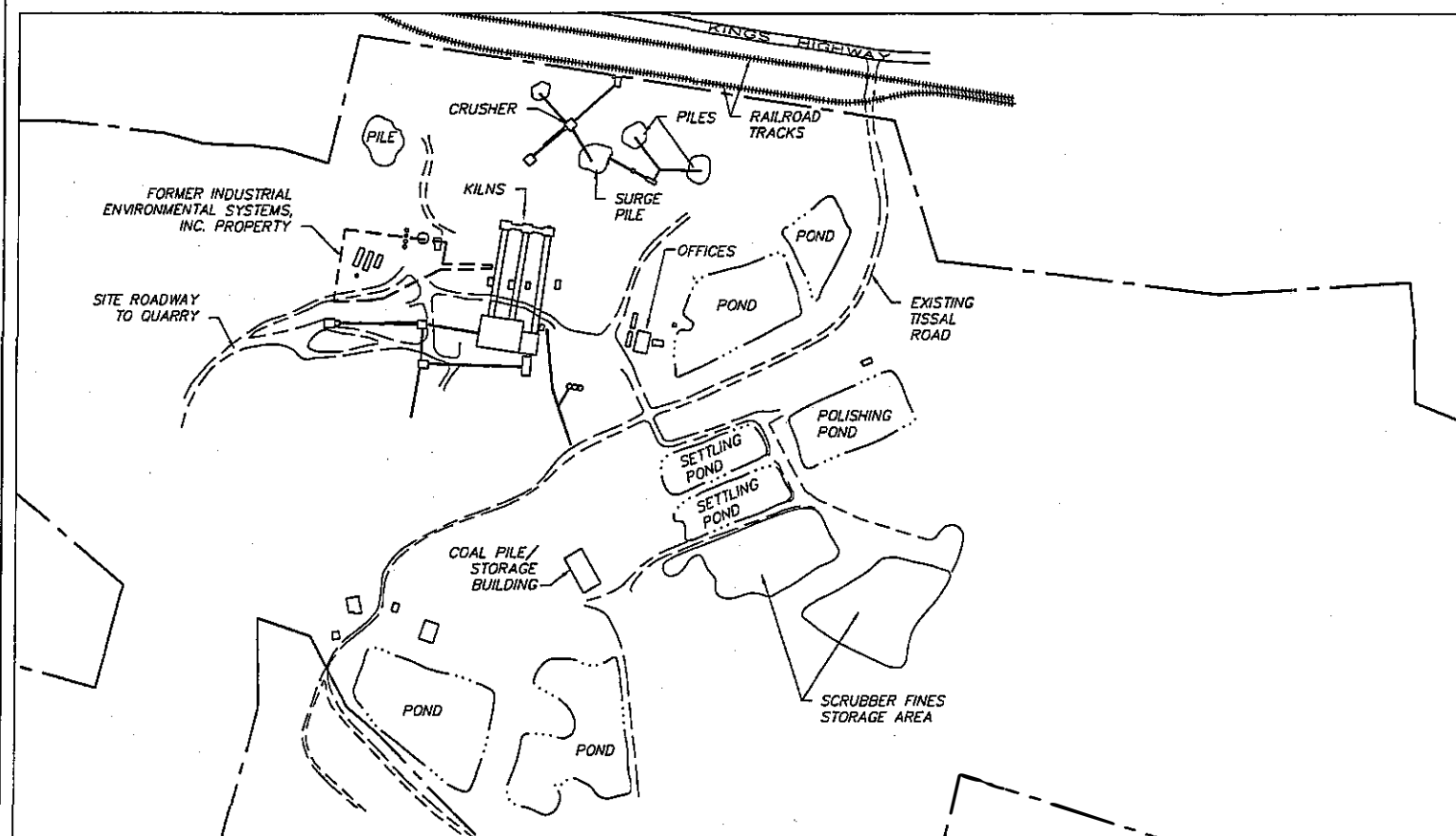
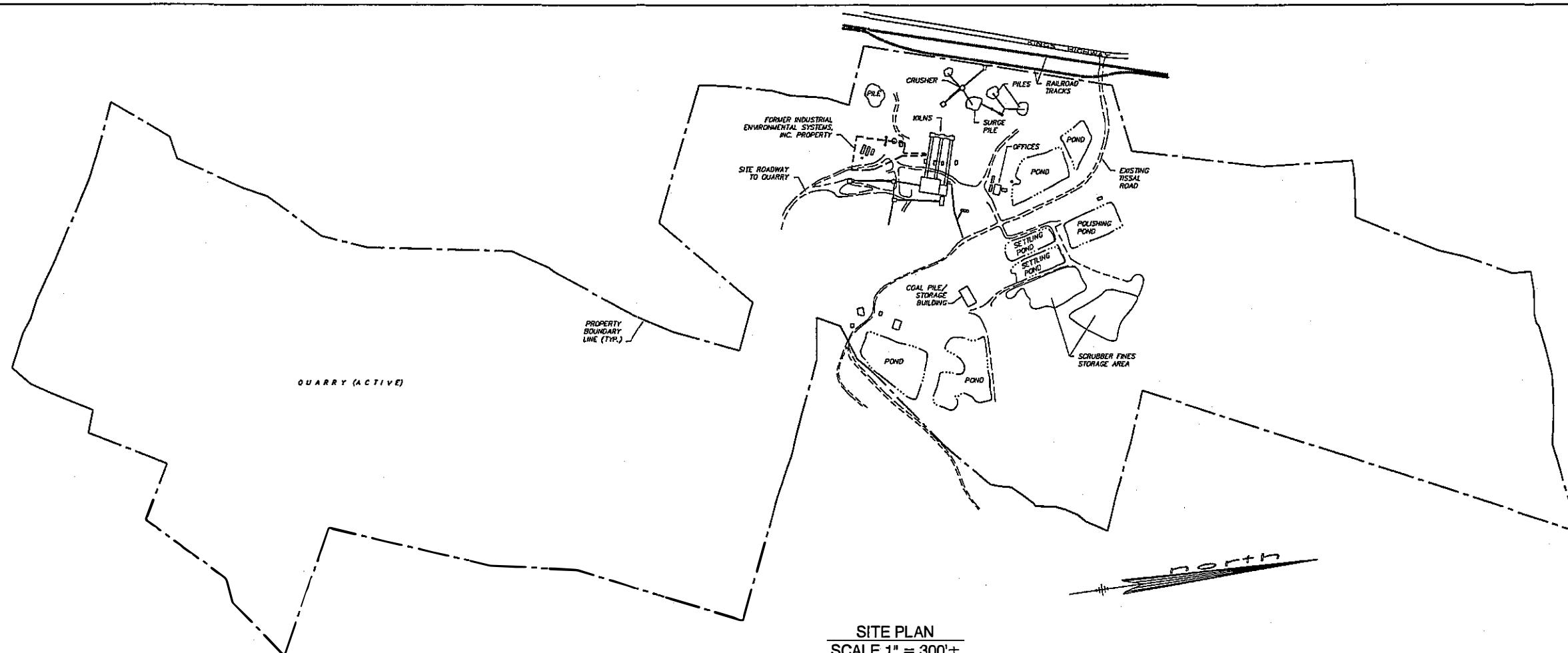


QUADRANGLE LOCATION

FIGURE 1
SITE LOCATION
NORTHEAST SOLITE
962 OLD KINGS HIGHWAY
MT. MARION, NEW YORK

HRP

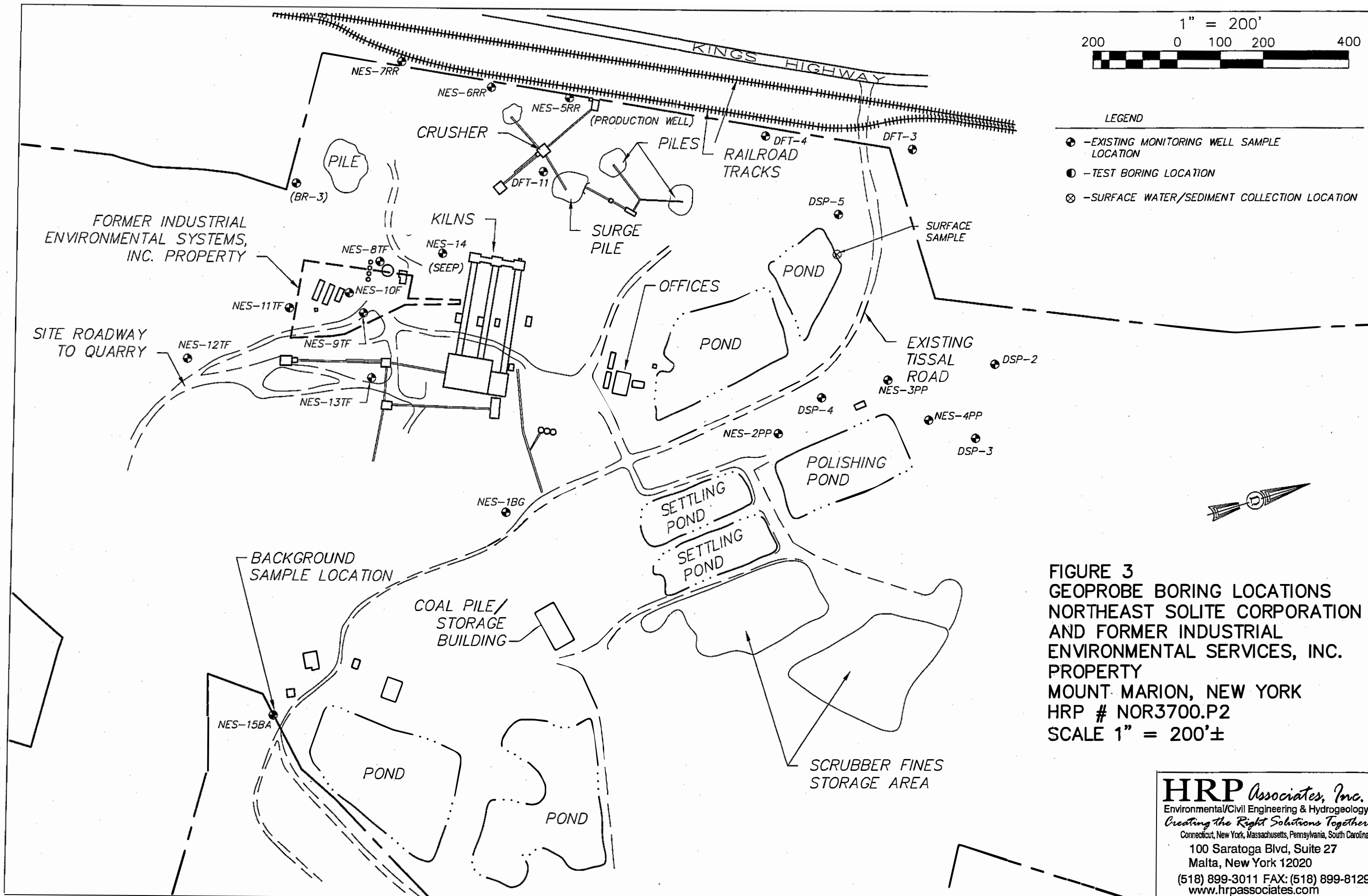
Associates, Inc.



REVISIONS		
NO.	DATE	DESCRIPTION

SITE PLAN				
NORTHEAST SOLITE CORPORATION AND FORMER INDUSTRIAL ENVIRONMENTAL SERVICES INC. PROPERTY MOUNT MARION, NEW YORK				
HRP Associates, Inc. Environmental Engineering & Hydrology Designing the Right Solution Together 100 Scitago Blvd., Suite 27 Mills, New York 12020 (518) 899-3011 FAX: (518) 899-8129 www.hrpassociates.com	CBB DESIGNED B.O.B. DRAWN CBB CHECKED	JRS APPROVED JUNE 4, 2003 DATE NOR3700.P2 PROJECT NO.	SCALE AS NOTED	FIG 2 SHEET NO.

J:\NOR3700\J - NORTHEAST SULITE CORPORATION\NORTH EAST SULITE'S NY FACILITY, KINGS HIGHWAY, MT. MARION, NY\NOR3700P2\CAD\Figure 3 geoprobe boring locations.dwg, Layout1, 04/07/2005 04:30:18 PM, Adobe PDF



HRP Associates, Inc.
 Environmental/Civil Engineering & Hydrogeology
Creating the Right Solutions Together
 Connecticut, New York, Massachusetts, Pennsylvania, South Carolina
 100 Saratoga Blvd, Suite 27
 Malta, New York 12020
 (518) 899-3011 FAX: (518) 899-8129
 www.hrpassociates.com

J:\NOR3700\NOR3700P2\CAD\Figure 4 MAY 26-27 2004 GV.dwg, Layout1, 04/07/2005 04:40:56 PM, Adobe PDF

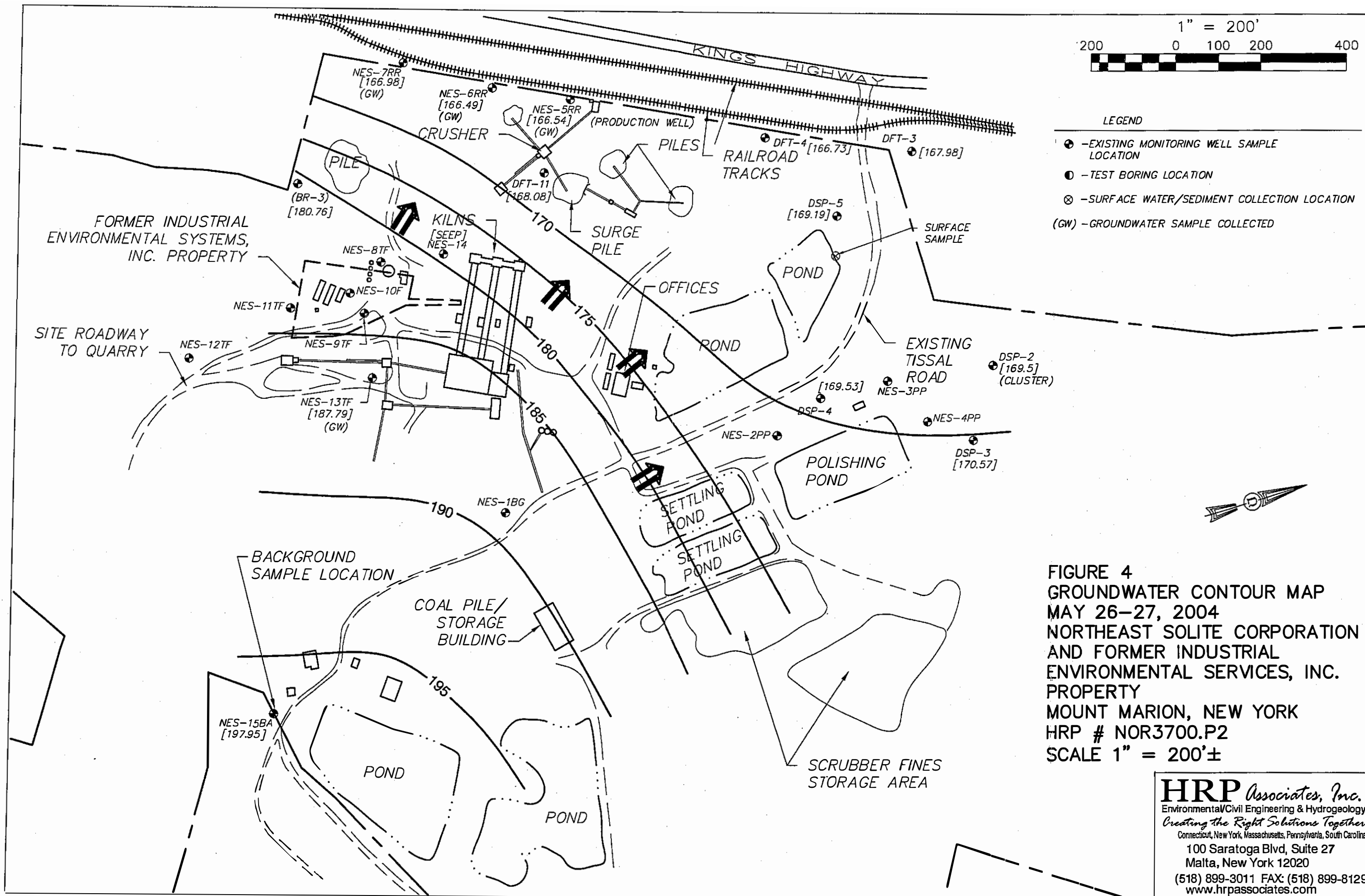


FIGURE 4
GROUNDWATER CONTOUR MAP
MAY 26-27, 2004
NORTHEAST SOLITE CORPORATION
AND FORMER INDUSTRIAL
ENVIRONMENTAL SERVICES, INC.
PROPERTY
MOUNT MARION, NEW YORK
HRP # NOR3700.P2
SCALE 1" = 200'±

HRP Associates, Inc.
 Environmental/Civil Engineering & Hydrogeology
Creating the Right Solutions Together
 Connecticut, New York, Massachusetts, Pennsylvania, South Carolina
 100 Saratoga Blvd, Suite 27
 Malta, New York 12020
 (518) 899-3011 FAX: (518) 899-8129
 www.hrpassociates.com

TABLE 2
Summary of Soil Sample Results-RCRA Metals
Northeast Solite Corporation
Mount Marion, New York

Sample ID (Boring designation and depth)	RCRA Metal (Atomic symbol in parentheses)								Percent Solid (Dry weight basis)
	Arsenic (As)	Barium (Ba)	Cadmium (Cd)	Chromium (Cr)	Lead (Pb)	Mercury (Hg)	Selenium (Se)	Silver (Ag)	
NES-2PP (0-2 ft)	0.77UJ	91.5	0.042	20.6	22.2	0.097	0.96R	0.73UJ	96.0
NES-2PP (2-4 ft)	1.0UJ	168	7.5	43.1	427	1.1	1.2R	0.95UJ	74.0
NES-2PP (4-6 ft)	1.0UJ	126	0.055	27.7	0.77UJ	0.07	1.3R	0.96UJ	73.0
NES-2PP (6-8 ft)	1.1UJ	217	0.058	31.6	1.9J	0.11	1.3R	1.0UJ	69.0
NES-2PP (8-10 ft)	0.91UJ	202	0.049	35.8	0.69UJ	0.062	1.1R	0.86UJ	81.0
NES-2PP (10-12 ft)	0.94	149	0.051	32.8	0.71UJ	0.063	1.2R	0.89UJ	79.0
NES-2PP (12-14 ft)	0.97	160	0.10	39.7	99.9	0.12	1.2R	0.92UJ	76.0
NES-2PP (14-16 ft)	0.99	148	0.0536	28.2	0.75UJ	0.067	1.2R	0.93UJ	75.0
NES-3PP (0-2 ft)	0.99	166	0.053	27.7	5.7J	0.094	1.2R	0.93UJ	75.0
NES-3PP (2-4 ft)	0.92	95.7	0.050	20.8	0.70UJ	0.075	1.2R	0.88UJ	80.0
NES-3PP (4-6 ft)	0.89	90.4	0.048	20.8	0.67UJ	0.060	1.1R	0.84UJ	83.0
NES-3PP (6-8 ft)	0.94	148	0.051	33.7	0.71UJ	0.063	1.2R	0.89UJ	79.0
NES-3PP (8-10 ft)	0.90	145	0.049	32.8	0.68UJ	0.061	1.1R	0.85UJ	82.0
NES-3PP (10-12 ft)	1.0	157	0.056	43.1	0.78UJ	0.069	1.3R	0.97UJ	72.0
NES-3PP (12-14 ft)	0.91	173	0.049	44.3	0.69UJ	0.062	1.1R	0.86UJ	81.0
NES-3PP (14-16 ft)	0.94	117	0.051	30.1	0.71UJ	0.064	1.2R	0.89UJ	79.0
NES-4PP (0-2 ft)	0.90	108	0.049	19.8	0.68UJ	0.079	1.1R	0.85UJ	82.0
NES-4PP (2-4 ft)	0.91	90.4	0.049	22.3	0.69UJ	0.062	1.1R	0.86UJ	81.0
NES-4PP (4-6 ft)	0.92	91.8	0.050	28.5	0.70UJ	0.062	1.2R	0.88UJ	80.0
NES-4PP (8-10 ft)	0.95	86.7	0.13	19.1	0.69UJ	0.064	0.97R	0.72UJ	78.0
NES-4PP (6-8 ft)	0.89	106	0.048	25.3	0.67UJ	0.060	1.1R	0.84UJ	83.0
NES-4PP (10-12 ft)	0.97	162	0.13	30.0	0.71UJ	0.066	1.0R	0.74UJ	76.0
NES-4PP (12-14 ft)	0.97	86.9	0.13	22.0	0.71UJ	0.066	1.0R	0.74UJ	76.0
NES-4PP (14-16 ft)	0.92	73.8	0.12	20.2	0.68UJ	0.062	0.95R	0.70UJ	80.0
NES-15BA (0-2 ft)	0.90	38.5	0.12	9.9	3.2J	0.061	0.93R	0.68UJ	82.0
NES-15 BA (4-5 ft)	0.87	49.4	0.12	18.4	0.64UJ	0.072	0.89R	0.66UJ	85.0
Recommended Soil Cleanup Objective (TAGM 4046)	7.5 or SB (SB for As in NYS is 3-12 PPM)	300 or SB (SB for Ba in NYS is 15-600 PPM)	1 or SB (SB for Cd in NYS is 0.1-1 PPM)	10 or SB (SB for Cr in NYS is 1.5-40 PPM)	SB (SB for Pb in Eastern US is 4-61 PPM [rural], and 200-500 [urban/highway])	0.1	2 or SB (SB for Se in NYS is 0.1-3.9)	SB (no Ag SB is available for NYS)	NA

All results reported in mg/kg (PPM)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

R-Rejected

Sb-site background

*Recommended Soil Cleanup Objective, from Table 4, NYSDEC Technical Assistance Guidance Memorandum 4046 (January 1994)

** RCSOs as reported in TAGM 4046

TABLE 3
Summary of Soil Sample Results-VOCs
 Northeast Solite Corporation
 Mount Marion, New York

Soil Sample ID (Boring designation and depth)	Volatile Organic Compound								% Solid
	2-Butanone	Benzene	Acetone	m,p-Xylene	Trichloroethene	Tetrachlorethene	Toluene	cis-1, 2-Dichloroethene	
NES-2PP (0-2 ft)	10U	5U	10U	5U	5U	5U	5U	5U	96.0
NES-2PP (2-4 ft)	14U	7U	14U	7U	7U	7U	7U	7U	74.0
NES-2PP (4-6 ft)	14U	7U	20U	7U	7U	7U	8	7U	73.0
NES-2PP (6-8 ft)	14U	7U	29U	7U	7U	7U	7J	7U	69.0
NES-2PP (8-10 ft)	12U	6U	12U	6U	6U	6U	6U	6U	81.0
NES-2PP (10-12 ft)	13U	6U	13U	6U	6U	6U	3J	6U	79.0
NES-2PP (12-14 ft)	9J	7U	32U	7U	7U	7U	7U	7U	76.0
NES-2PP (14-16 ft)	13U	7U	13U	7U	7U	7U	7U	7U	75.0
NES-3PP (0-2 ft)	13U	7U	13U	7U	7U	7U	7U	7U	75.0
NES-3PP (2-4 ft)	12U	6U	18U	6U	6U	6U	10	6U	80.0
NES-3PP (4-6 ft)	12U	6U	27U	6U	6U	6U	5J	6U	83.0
NES-3PP (6-8 ft)	28	6U	41U	6U	6U	6U	9	6U	79.0
NES-3PP (8-10 ft)	14	6U	24U	6U	6U	6U	6	6U	82.0
NES-3PP (10-12 ft)	34	7U	90	7U	7U	7U	4J	7U	72.0
NES-3PP (12-14 ft)	11J	6U	33U	6U	6U	6U	3J	6U	81.0
NES-3PP (14-16 ft)	13U	6U	13U	6U	6U	6U	6U	6U	79.0
NES-4PP (0-2 ft)	12U	6U	12U	6U	6U	6U	3J	6U	82.0
NES-4PP (2-4 ft)	12U	6U	12U	6U	6U	6U	6U	6U	81.0
NES-4PP (4-6 ft)	9J	6U	38U	6U	6U	6U	6U	6U	80.0
NES-4PP (8-10 ft)	13U	6U	33U	6U	6U	6U	6U	6U	78.0
NES-4PP (6-8 ft)	12U	6U	12U	6U	6U	6U	6U	6U	83.0
NES-4PP (10-12 ft)	170	7U	230B	7U	7U	7U	7	7U	76.0
NES-4PP (12-14 ft)	13U	7U	34U	7U	7U	7U	7U	7U	76.0
NES-4PP (14-16 ft)	32	6U	59U	6U	6U	6U	6J	6U	80.0
Recommended Soil Cleanup Objective (TAGM 4046)	300	60	200	1,200	700	1,400	1,500	100	NA

All results reported in µg/kg (PPB)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

B-Detected in Blank

*Recommended Soil Cleanup Objective, from Table 4, NYSDEC Technical Assistance Guidance Memorandum 4046 (January 1994)

** RCSOs as reported in TAGM 4046

TABLE 3
Summary of Soil Sample Results-VOCs
 Northeast Solite Corporation
 Mount Marion, New York

Soil Sample ID (Boring designation and depth)	Volatile Organic Compound								% Solid
	2- Butanone	Benzene	Acetone	m,p-Xylene	Trichloroethene	Tetrachlorethene	Toluene	cis-1, 2- Dichloroethene	
NES-5RR (4-8 ft)	51J	6UJ	85J	6UJ	6UJ	6UJ	6UJ	6UJ	90.0
NES-5RR (8-10 ft)	47	7U	100B	7UJ	7U	7U	14	7U	76.0
NES-6RR (8-10 ft)	28	7UJ	61U	7U	7UJ	7U	7U	7U	68.0
NES-6RR (10-12 ft)	48	6U	82B	6U	6U	6U	12	6U	80.0
NES-7RR (6-8 ft)	54	7U	95	7U	7U	7U	13	7U	74.0
NES-7RR (8-10 ft)	150	7U	190B	7U	7U	7U	19	7U	76.0
NES-7RR (10-11ft)	26	6U	40U	6U	6U	6U	10	6U	78.0
NES-8TF (0-2 ft)	11U	5U	11U	5U	5U	5U	5U	5U	95.0
NES-8TF (2-4 ft)	11U	5U	11U	5U	5U	5U	5J	5U	95.0
NES-8TF (4-6 ft)	10U	5U	10U	5U	5U	5U	5U	5U	96.0
NES-8TF (6-8 ft)	11U	3J	23U	29	4J	4J	19	10	93.0
NES-9TF (0-2 ft)	11U	5U	11U	5U	5U	5U	9	5U	91.0
NES-9TF (2-4 ft)	11U	5U	16U	5U	5U	5U	5U	5U	94.0
NES-9TF (4-6 ft)	11U	5U	11U	5U	5U	1J	1J	5U	93.0
NES-10TF (0-2 ft)	11U	5U	11U	5U	5U	5U	5U	5U	94.0
NES-10TF (2-4 ft)	11U	5U	11U	5U	14	54	5U	5U	91.0
NES-10TF (4-6 ft)	11U	6U	11U	6U	6U	6U	6U	6U	89.0
NES-10TF (6-8 ft)	11U	6U	11U	6U	12	10	4J	6U	88.0
NES-10TF (8-10 ft)	12U	6U	12U	6U	6U	6U	6U	6U	82.0
NES-10TF (10-11ft)	12U	6U	26U	6U	6U	6U	6U	6U	84.0
NES-11TF (0-2 ft)	31	5U	60U	5U	5U	5U	6	5U	94.0
NES-11TF (2-4 ft)	12U	6U	26U	6U	6U	6U	8	6U	84.0
NES-11TF (4-6 ft)	11U	5U	16U	5U	5U	5U	3J	5U	95.0
NES-11TF (6-8 ft)	7J	5U	24U	5U	5U	5U	5J	5U	94.0
Recommended Soil Cleanup Objective (TAGM 4046)	300	60	200	1,200	700	1,400	1,500	100	NA

All results reported in µg/kg (PPB)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

B-Detected in Blank

*Recommended Soil Cleanup Objective, from Table 4, NYSDEC Technical Assistance Guidance Memorandum 4046 (January 1994)

** RCSOs as reported in TAGM 4046

TABLE 3
Summary of Soil Sample Results-VOCs
Northeast Solite Corporation
Mount Marion, New York

Soil Sample ID (Boring designation and depth)	Volatile Organic Compound								% Solid
	2-Butanone	Benzene	Acetone	m,p-Xylene	Trichloroethene	Tetrachlorethene	Toluene	cis-1, 2-Dichloroethene	
NES-11TF (8-10 ft)	11U	6U	11U	6U	6U	6U	6U	6U	89.0
NES-11TF (10-12 ft)	14U	7U	14U	7U	7U	7U	7J	7U	69.0
NES-11TF (12-14 ft)	27	6U	71U	6U	6U	6U	11	6U	82.0
NES-11TF (14-16 ft)	23	7U	48U	7U	7U	7U	7	7U	72.0
NES-12TF (0-2 ft)	11U	5U	11U	5U	5U	5U	5U	5U	93.0
NES-12TF (2-4 ft)	11U	5U	11U	5U	5U	5U	5U	5U	93.0
NES-12TF (4-8 ft)	22	5U	26U	5U	5U	5U	21	5U	92.0
NES-12TF (8-10 ft)	11U	5U	11U	5U	5U	5U	9	5U	93.0
NES-12TF (10-12 ft)	13U	6U	13U	6U	6U	6U	8	6U	77.0
NES-12TF (12-14 ft)	12U	6U	12U	6U	6U	6U	6U	6U	81.0
NES-13TF (0-2 ft)	24	6U	29U	6U	6U	6U	7	6U	90.0
NES-13TF (2-4 ft)	11U	5U	11U	5U	5U	5U	5U	5U	93.0
NES-13TF (4-6 ft)	32	6U	48U	6U	6U	6U	13	6U	90.0
NES-13TF (6-8 ft)	34	6U	87	6U	6U	6U	6U	6U	88.0
NES-13TF (8-10 ft)	12U	6U	43U	6U	6U	6U	4J	6U	82.0
NES-13TF (10-12 ft)	12U	6U	83U	6U	6U	6U	10	6U	82.0
NES-13TF (12-13 ft)	30	6U	47U	6U	6U	6U	6U	6U	85.0
NES-14Seep (0-2 ft)	6J	6U	14U	6U	6U	6U	6U	6U	84.0
NES-14Seep (2-4 ft)	47	6U	83U	6U	6U	6U	14	6U	81.0
NES-14Seep (4-6 ft)	110	7U	140	7U	7U	7U	3J	7U	76.0
NES-14Seep (6-8 ft)	16	7U	30U	7U	7U	7U	5J	7U	76.0
NES-14Seep (8-10 ft)	41	6U	63U	6UJ	6U	6UJ	20J	6U	83.0
NES-14Seep (10-12 ft)	9J	6U	22U	6U	6U	6U	6U	6U	77.0
NES-14Seep (12-14 ft)	10J	6U	18U	6U	6U	6U	6U	6U	80.0
NES-14Seep (14-16 ft)	43	6U	61U	6U	6U	6U	8	6U	79.0
NES-15 BA (0-2 ft)	41	6U	12U	6U	6U	6U	6U	6U	82.0
NES-15 BA (2-4 ft)	12U	6U	31U	6U	6U	6U	4J	6U	88.0
NES-15 BA (4-5 ft)	11U	6U	83	6U	6U	6U	10	6U	85.0
Recommended Soil Cleanup Objective (TAGM 4046)	300	60	200	1,200	700	1,400	1,500	100	NA

All results reported in µg/kg (PPB)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

B-Detected in Blank

*Recommended Soil Cleanup Objective, from Table 4, NYSDEC Technical Assistance Guidance Memorandum 4046 (January 1994)

** RCSOs as reported in TAGM 4046

TABLE 4
Summary of Soil Sample Results-Semi-VOCs
Northeast Solite Corporation
Mount Marion, New York

Soil Sample ID (Boring designation and depth)	Semi-volatile Organic Compound								% Solid
	Phenol	1,2,4-Trichlorobenzene	Fluorene	Phenanthrene	Di-n-octylphthalate	Fluoranthene	Pyrene	Bis (2-Ethylhexyl) phthalate	
NES-2PP (0-2 ft)	350U	350U	350U	350U	350U	350U	350U	680U	96.0
NES-2PP (2-4 ft)	450U	450U	450U	450U	1100U	450U	450U	1100U	74.0
NES-2PP (4-6 ft)	460U	460U	460U	460U	100J	460U	460U	670U	73.0
NES-2PP (6-8 ft)	480U	480U	480U	480U	55J	480U	480U	1000U	69.0
NES-2PP (8-10 ft)	410U	410U	410U	410U	410U	410U	410U	1300U	81.0
NES-2PP (10-12 ft)	420U	420U	420U	420U	420U	420U	420U	470U	79.0
NES-2PP (12-14 ft)	440U	440U	440U	440U	58J	440U	440U	450U	76.0
NES-2PP (14-16 ft)	440U	440U	440U	440U	440U	440U	440U	720U	75.0
NES-3PP (0-2 ft)	440U	440U	440U	440U	440U	440U	440U	620U	75.0
NES-3PP (2-4 ft)	420U	420U	420U	420U	420U	420U	420U	1000U	80.0
NES-3PP (4-6 ft)	400U	400U	400U	400U	400U	400U	400U	400U	83.0
NES-3PP (6-8 ft)	440U	440U	440U	440U	420U	440U	440U	600U	79.0
NES-3PP (8-10 ft)	410U	410U	410U	410U	410U	410U	410U	550U	82.0
NES-3PP (10-12 ft)	460U	460U	460U	460U	460U	460U	460U	840U	72.0
NES-3PP (12-14 ft)	410U	410U	410U	410U	410U	410U	410U	620U	81.0
NES-3PP (14-16 ft)	420U	420U	420U	420U	420U	420U	420U	760U	79.0
NES-4PP (0-2 ft)	410U	410U	410U	410U	410U	410U	410U	1100U	82.0
NES-4PP (2-4 ft)	410U	410U	410U	410U	410U	410U	410U	870U	81.0
NES-4PP (4-6 ft)	420U	420U	420U	420U	420U	420U	420U	760U	80.0
NES-4PP (6-8 ft)	430U	430U	430U	430U	400U	430U	430U	600U	78.0
NES-4PP (8-10 ft)	400U	400U	400U	400U	430U	400U	400U	900U	83.0
NES-4PP (10-12 ft)	440U	440U	440U	440U	440U	440U	440U	440U	76.0
NES-4PP (12-14 ft)	440U	440U	440U	440U	440U	440U	440U	440U	76.0
NES-4PP (14-16 ft)	420U	420U	420U	420U	420U	420U	420U	420U	80.0
Recommended Soil Cleanup Objective (TAGM 4046)	30	3,400	50,000	50,000	50,000	50,000	50,000	50,000	NA

All results reported in µg/kg (PPB)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

*Recommended Soil Cleanup Objective, from Table 4, NYSDEC Technical Assistance Guidance Memorandum 4046 (January 1994)

** RCSOs as reported in TAGM 4046

TABLE 4
Summary of Soil Sample Results-Semi-VOCs
 Northeast Solite Corporation
 Mount Marion, New York

Soil Sample ID (Boring designation and depth)	Semi-volatile Organic Compound								% Solid
	Phenol	1,2,4- Trichloro benzene	Fluorene	Phenanthrene	Di-n- octyphthalate	Fluoranthene	Pyrene	Bis (2- Ethylhexyl) phthalate	
NES-5RR (4-8 ft)	370U	370U	370U	370U	370U	370U	370U	400U	90.0
NES-5RR (8-10 ft)	440U	440U	440U	440U	440U	440U	440U	530U	76.0
NES-5RR (10-12 ft)	420U	420U	420U	420U	420U	420U	420U	490U	80.0
NES-6RR (8-10 ft)	490U	490U	490U	490U	490U	490U	490U	730U	68.0
NES-7RR (6-8 ft)	450U	450U	450U	450U	450U	450U	450U	640U	74.0
NES-7RR (8-10 ft)	440U	440U	440U	440U	440U	440U	440U	480U	76.0
NES-7RR (10-11ft)	430U	430U	430U	430U	430U	430U	430U	580U	78.0
NES-8TF (0-2 ft)	350U	73J	350U	350U	350U	350U	350U	350U	95.0
NES-8TF (2-4 ft)	350U	53J	350U	350U	350U	350U	350U	350U	95.0
NES-8TF (4-6 ft)	350U	71J	350U	350U	350U	350U	350U	350U	96.0
NES-8TF (6-8 ft)	360U	59J	130J	190J	360U	110J	360U	610U	93.0
NES-9TF (0-2 ft)	370U	370U	370U	370U	370U	370U	370U	470U	91.0
NES-9TF (2-4 ft)	350U	350U	350U	350U	350U	350U	350U	240U	94.0
NES-9TF (4-6 ft)	360U	360U	360U	360U	360U	360U	360U	360U	93.0
NES-10TF (0-2 ft)	350U	350U	350U	350U	350U	350U	350U	380U	94.0
NES-10TF (2-4 ft)	1500U	760J	1500U	1500U	1500U	1500U	1500UJ	18000U	91.0
NES-10TF (4-6 ft)	370U	370U	370U	370UJ	370U	370U	370UJ	1400U	89.0
NES-10TF (6-8 ft)	380U	380U	380U	380U	380U	380U	380U	500U	88.0
NES-10TF (8-10 ft)	410U	51J	410U	410U	410U	410U	410U	920U	82.0
NES-10TF (10-11ft)	400U	400U	400U	400U	400U	400U	400U	540U	84.0
NES-11TF (0-2 ft)	350U	350U	350U	350U	350U	350U	350U	910U	94.0
NES-11TF (2-4 ft)	400U	400U	400U	400U	400U	400U	400U	540U	84.0
NES-11TF (4-6 ft)	350U	350U	350U	350U	350U	350U	350U	350U	95.0
NES-11TF (6-8 ft)	350U	350U	350U	350U	350U	350U	350U	570U	94.0
Recommended Soil Cleanup Objective (TAGM 4046)	30	3,400	50,000	50,000	50,000	50,000	50,000	50,000	NA

All results reported in µg/kg (PPB)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

*Recommended Soil Cleanup Objective, from Table 4, NYSDEC Technical Assistance Guidance Memorandum 4046 (January 1994)

** RCSOs as reported in TAGM 4046

TABLE 4
Summary of Soil Sample Results-Semi-VOCs
Northeast Solite Corporation
Mount Marion, New York

Soil Sample ID (Boring designation and depth)	Semi-volatile Organic Compound								% Solid
	Phenol	1,2,4-Trichloro benzene	Fluorene	Phenanthrene	Di-n-octyphthalate	Fluoranthene	Pyrene	Bis (2-Ethylhexyl) phthalate	
NES-11TF (8-10 ft)	370U	370U	370U	370U	370U	370U	370U	640U	89.0
NES-11TF (10-12 ft)	480U	480U	480U	480U	480U	480U	480U	690U	69.0
NES-11TF (12-14 ft)	410U	410U	410U	410U	410U	410U	410U	690U	82.0
NES-11TF (14-16 ft)	460U	460U	460U	460U	460U	460U	460U	590U	72.0
NES-12TF (0-2 ft)	360U	360U	360U	360U	360U	360U	360U	360U	93.0
NES-12TF (2-4 ft)	360U	360U	360U	360U	360U	360U	360U	360U	93.0
NES-12TF (4-8 ft)	360U	360U	360U	360U	360U	360U	360U	360U	92.0
NES-12TF (8-10 ft)	360U	360U	360U	360U	360U	360U	360U	360U	93.0
NES-12FT (10-12 ft)	430U	430U	430U	430U	430U	430U	430U	430U	77.0
NES-12FT (12-14 ft)	410U	410U	410U	410U	410U	410U	410U	410U	81.0
NES-13TF (0-2 ft)	370U	370U	370U	370U	370U	370U	370U	370U	90.0
NES-13TF (2-4 ft)	360U	360U	360U	360U	360U	360U	360U	500U	93.0
NES-13TF (4-6 ft)	370U	370U	370U	370U	370U	370U	370U	510U	90.0
NES-13TF (6-8 ft)	380U	380U	380U	380U	380U	380U	380U	380U	88.0
NES-13TF (8-10 ft)	410U	410U	410U	410U	410U	410U	410U	460U	82.0
NES-13TF (10-12 ft)	410U	410U	410U	410U	410U	410U	410U	410U	82.0
NES-13FT (12-13 ft)	390U	390U	390U	390U	390U	390U	390U	390U	85.0
NES-14 Seep (0-2 ft)	400U	400U	400U	400U	400U	400U	400U	400U	84.0
NES-14 Seep (2-4 ft)	410U	410U	410U	410U	410U	410U	410U	410U	81.0
NES-14 Seep (4-6 ft)	440U	440U	440U	440U	440U	440U	440U	440U	76.0
NES-14 Seep (6-8 ft)	440U	440U	440U	440U	440U	440U	440U	440U	76.0
NES-14 Seep (8-10 ft)	400U	400U	400U	400U	400U	400U	400U	400U	83.0
NES-14 Seep (10-12 ft)	430U	430U	430U	430U	430U	430U	430U	430U	77.0
NES-14 Seep (12-14 ft)	420U	420U	420U	420U	420U	420U	420U	420U	80.0
NES-14 Seep (14-16 ft)	420U	420U	420U	420U	420U	420U	420U	420U	79.0
NES-15 BA (0-2 ft)	410U	410U	410U	410U	410U	410U	410U	420U	82.0
NES-15 BA (2-4 ft)	380U	380U	380U	380U	380U	380U	380U	380U	88.0
NES-15 BA (4-5 ft)	390U	390U	390U	390U	390U	390U	390U	390U	85.0
Recommended Soil Cleanup Objective (TAGM 4046)	30	3,400	50,000	50,000	50,000	50,000	50,000	50,000	NA

All results reported in µg/kg (PPB)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

*Recommended Soil Cleanup Objective, from Table 4, NYSDEC Technical Assistance Guidance Memorandum 4046 (January 1994)

** RCSOs as reported in TAGM 4046

TABLE 5
Summary of Soil Sample Results
Polychlorinated Biphenyls (PCBs)
 Northeast Solite Corporation
 Mount Marion, New York

Soil Sample ID (Boring designation and depth)	Arochlor							% Solid	Recommended Soil Cleanup Objective (TAGM 4046)*
	1016	1221	1232	1242	1248	1254	1260		
NES-2PP (2-4 ft)	45U	45U	45U	45U	45U	45U	20J	74.0	10,000
NES-8TF (0-2 ft)	35U	35U	35U	35U	35U	35U	160	95.0	1,000
NES-9TF (0-2 ft)	36U	36U	36U	36U	36U	36U	200	91.0	1,000
NES-10TF (0-2 ft)	35U	35U	35U	35U	35U	35U	30J	94.0	1,000
NES-10TF (2-4 ft)	730U	730U	730U	730U	2200J	730U	1100	91.0	10,000
NES-10TF (4-6 ft)	37U	37U	37U	37U	200J	37U	31J	89.0	10,000
NES-10TF (8-10 ft)	41U	41U	41U	41U	140J	41U	85	82.0	10,000
NES-11TF (0-2 ft)	35U	35U	35U	35U	35U	150J	30J	94.0	1,000

All results reported in $\mu\text{g/kg}$ (PPB)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

*Recommended Soil Cleanup Objective, from Table 3, NYSDEC Technical Assistance Guidance Memorandum 4046 (January 1994), 10,000 ppb for a subsurface soil sample, and 1,000 ppb for a surface soil sample.

TABLE 6
Summary of Groundwater Sample Results-RCRA Metals
 Northeast Solite Corporation
 Mount Marion, New York

Groundwater Sample ID	RCRA Metal (Atomic symbol in parentheses)							
	Arsenic (As)	Barium (Ba)	Cadmium (Cd)	Chromium (Cr)	Lead (Pb)	Mercury (Hg)	Selenium (Se)	Silver (Ag)
DFT-3	3.7R	75.6	0.5UJ	2.3UJ	2.7UJ	0.1U	3.8R	2.8U
DSP-2-2	3.7R	28.1	0.5UJ	2.3UJ	3.6J	0.1U	3.8R	2.8U
DSP-2-4	3.7R	214	0.65BJ	7.0BJ	2.7UJ	0.1U	3.8R	2.8U
DSP-3	3.7R	43.2B	6.1J	2.3UJ	22.4J	0.1U	11.6R	2.8U
DSP-4	3.7R	53.8B	2.8BJ	2.3UJ	9.9J	0.1U	3.8R	2.8U
DSP-5	3.7U	527	0.50U	2.3U	7.6	0.13B	3.8UJ	2.8U
NES-5RR	3.7R	159B	43.8J	53.2	57.9J	0.1U	3.8R	2.8U
NES-6RR	3.7R	174B	0.5UJ	2.3UJ	2.7UJ	0.1U	3.8R	2.8U
NES-7RR	3.7R	91.0B	0.91BJ	36.4J	27.4J	0.1U	3.8R	2.8U
NES-13TF	3.7R	134B	0.5UJ	15.4J	3.8J	0.1U	3.8R	2.8U
NES-15BA	3.7R	391	0.5UJ	6.6BJ	19.5J	0.1U	3.8R	2.8U
NYSDEC Groundwater Quality Standard*	25	1,000	10	50	25	2	10	50

All results reported in µg/l (ppb)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

*Derived from Article 17 of the Environmental Conservation Law and 6 NYCRR Parts 700-705, Water Quality Regulations

TABLE 7
Summary of Groundwater Sample Results-VOCs
Northeast Solite Corporation
Mount Marion, New York

Groundwater Sample ID	Volatile Organic Compound							
	Vinyl Chloride	Methylene Chloride	Acetone	trans-1,2- Dichloroethene	Trichloroethene	Tetrachloroethene	Toluene	cis-1, 2- Dichloroethene
BR-3	10U	5U	10U	5U	5U	5U	5U	5U
DFT-3	10U	5U	10U	5U	5U	5U	5U	5U
DFT-4	10U	5U	10U	5U	5U	5U	5U	5U
DFT-11	10U	5U	10U	5U	5U	5U	5U	5U
DSP-2-2	10U	5U	10U	5U	5U	5U	5U	5U
DSP-2-4	10U	5U	10U	5U	5U	5U	5U	5U
DSP-3	10U	5U	10U	5U	5U	5U	5U	5U
DSP-4	10U	5U	10U	5U	5U	5U	5U	5U
DSP-5	10UJ	5UJ	10UJ	5UJ	5UJ	5UJ	5UJ	5UJ
NES-5RR	10U	5U	10U	5U	5U	5U	5U	5U
NES-6RR	10U	5U	10U	5U	5U	5U	5U	5U
NES-7RR	10U	5U	10U	5U	5U	5U	5U	5U
NES-13TF	10U	5U	10U	5U	5U	5U	5U	5U
NES-15BA	10U	5U	10U	5U	5U	5U	5U	5U
Production Well	10U	5U	10U	5U	5U	5U	5U	5U
Seep	10UJ	5U	10U	5U	5U	5U	5U	5U
NYSDEC Groundwater Quality Standard*	5	5	5	5	5	5	5	5

All results reported in µg/l (ppb)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

*-Derived from Article 17 of the Environmental Conservation Law and 6 NYCRR Parts 700-705, Water Quality Regulations

TABLE 8
Summary of Groundwater/Surface Water Sample Results-Semi-VOCs

Northeast Solite Corporation
Mount Marion, New York

Groundwater Sample ID	Semi-volatile Organic Compound								
	Phenol	Fluorene	4-Nitroaniline	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Di-n- butylphthalate	Bis (2- Ethylhexyl) phthalate
BR-3	5U	5U	25U	5U	5U	5U	5U	2J	5U
DFT-3	5U	5U	25U	5U	5U	5U	5UJ	5U	5U
DFT-4	5UJ	5U	25U	5U	5U	5U	5UJ	2J	5U
DFT-11	5U	5U	25U	5U	5U	5U	5UJ	5U	5U
DSP-2-2	5U	5U	27U	5U	5U	5U	5UJ	1J	5U
DSP-2-4	5U	5U	3J	5U	5U	5U	5UJ	2J	5U
DSP-3	5UJ	5U	25U	5U	5U	5U	5U	5U	5U
DSP-4	5UJ	5U	25U	5U	5U	5U	5U	5U	5U
DSP-5	5UJ	5UJ	26UJ	5UJ	5UJ	5UJ	5UJ	5UJ	5UJ
NES-5RR	5U	5U	25U	5U	5U	5U	5U	5U	5U
NES-6RR	5U	5U	25U	5U	5U	5U	5U	5U	5U
NES-7RR	5U	5U	25U	5U	5U	5U	5U	5U	5U
NES-13TF	5U	5U	25U	5U	5U	5U	5U	5U	6U
NES-15BA	5U	5U	25U	5U	5U	5U	5U	5U	5U
Production Well	5U	5U	25U	5U	5U	5U	5U	5U	5U
Seep	5U	5U	25U	5U	5U	5U	5U	5U	6U
NYSDEC Groundwater Quality Standard*	1	50	5	50	50	50	50	50	50

All results reported in µg/l (PPB)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

* Derived from Article 17 of the Environmental Conservation Law and 6 NYCRR Parts 700-705, Water Quality Regulations

TABLE 9
Summary of Groundwater Sample Results-Polychlorinated Biphenyls (PCBs)
 Northeast Solite Corporation
 Mount Marion, New York

Groundwater Sample ID	Arochlor						
	1016	1221	1232	1242	1248	1254	1260
BR-3	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U
DFT-3	0.065U	0.065U	0.065U	0.065U	0.065U	0.065U	0.041J
DFT-4	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U
DFT-11	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U
DSP-2-2	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U
DSP-2-4	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U
DSP-3	0.065U	0.065U	0.065U	0.065U	0.065U	0.065U	0.065U
DSP-4	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U
DSP-5	0.062UJ	0.062UJ	0.062UJ	0.062UJ	0.062UJ	0.062UJ	0.062UJ
NES-5RR	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U
NES-6RR	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.13
NES-7RR	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.025J
NES-13TF	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U
NES-15BA	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U
Production Well	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U
Seep	0.062U	0.062U	0.062U	0.062U	0.062U	0.062U	0.074
Surface Water	0.065U	0.065U	0.065U	0.065U	0.065U	0.065U	0.065U
NYSDEC Groundwater Quality Standard*	0.1	0.1	0.1	0.1	0.1	0.1	0.1

All results reported in mg/kg (PPM)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

*Derived from Article 17 of the Environmental Conservation Law and 6 NYCRR Parts 700-705, Water Quality Regulations

TABLE 10
Summary of Surface Water Sample Results

Northeast Solite Corporation
 Mount Marion, New York

Analyte	Surface Water	NYSDEC Surface Water Quality Standard
Arsenic (As)	3.7U	50
Barium (Ba)	34.9B	1,000
Cadmium (Cd)	0.50U	10
Chromium (Cr)	2.3UJ	50
Lead (Pb)	2.7UJ	50
Mercury (Hg)	0.10U	2
Selenium (Se)	3.8U	10
Silver (Ag)	2.8U	50
VOCs	All undetected	Various
Semi-VOCs	All undetected	Various
PCBs	All undetected	0.001

All results reported in $\mu\text{g/l}$ (ppb)

u-undetected at the MDL

j-detected below quantitation limit

uj-undetected with trace amount

B-detected in blank

*Derived from Article 17 of the Environmental Conservation Law and 6 NYCRR Parts 700-705, Water Quality Regulations

TABLE 11
Summary of Sediment Sample Results
 Northeast Solite Corporation
 Mount Marion, New York

Analyte	Sediment	NYSDEC Recommended Soil Cleanup Objectives
Arsenic (As)	19.9	7.5 or SB (SB for As in NYS is 3-12 PPM)
Barium (Ba)	156	300 or SB (SB for Ba in NYS is 15-600 PPM)
Cadmium (Cd)	0.15U	1 or SB (SB for Cd in NYS is 0.1-1 PPM)
Chromium (Cr)	18.0	10 or SB (SB for Cr in NYS is 1.5-40 PPM)
Lead (Pb)	33.8R	SB (SB for Pb in Eastern US is 4-61 PPM [rural], and 200-500 [urban/highway])
Mercury (Hg)	0.07U	0.1
Selenium (Se)	1.1R	2 or SB (SB for Se in NYS is 0.1-3.9)
Silver (Ag)	0.82U	SB (no Ag SB is available for NYS)
VOCs	All undetect	Various
Semi-VOCs	All undetect	Various
PCBs	All undetect	1.0
All results reported in mg/kg (ppm) u-undetected at the MDL j-detected below quantitation limit uj-undetected with trace amount B-detected in blank R-Rejected		

TABLE 12
GROUNDWATER SURVEY
 May 26-27, 2004

Northeast Solite Corporation
 962 Kings Highway
 Mount Marion, New York

Location (Well)	Depth to Groundwater	Measuring Point Elevation	Groundwater Elevation
BR-3	1.10	181.86	180.76
DFT-3	4.55	172.53	167.98
DFT-4	5.14	171.87	166.73
DFT-11	7.60	175.68	168.08
DSP-2-2	1.80	171.16	169.36
DSP-2-4	2.02	171.55	169.53
DSP-3	2.12	172.69	170.57
DSP-4	1.90	171.43	169.53
DSP-5	3.88	164.31	168.19
NES-5RR	2.11	164.43	166.54
NES-6RR	2.02	164.47	166.49
NES-7RR	2.26	164.72	166.98
NES-13TF	2.76	190.55	187.79
NES-15BA	3.22	201.17	197.95

All measurements recorded in feet.

DTW = depth to groundwater

*Depth to groundwater recorded using Solinst 200 ft water level indicator.

APPENDIX A
Soil Boring Logs

HRP

Associates, Inc.

Project: NE Solite HRP Job #: Nor3700.P2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-1BG Well # NA Sheet No. 1				
Type: Macrocore I.D.: 1.75" Location: Background location, south of settling ponds				Hammer (wt/Fall): Rig Type: Geoprobe		Start: 5/24/2004 Finish: 5/24/2004 Driller: Jared/Will HRP Rep: CJB/CEB				
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)			
1		0-4'	2.7'	m. dense/dry	2.5'	Brown SANDY SILT; some fine gravel; (fill) no odor	0-2 = 2.0			
2							2-4 = 0			
3										
4									Gray SHALE no odor (bedrock)	
5									Refusal, boring abandoned at 4 ft	
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions			
Depth	Date	Casing/ Screen	Stability Time	Cohesionless Density	Cohesive Consistence					
				0 - 4 very loose	0 - 2 very soft	/trace 0-10% little 10-20% some 20-35% and 30-50%				
				5 - 9 loose	3 - 4 soft					
				10 - 29 med. dense	5 - 8 m/stiff					
				30 - 49 dense	9 - 15 stiff					
				50+ very dense	16 - 30 v/stiff					
					31+ hard					

Project: NE Solite HRP Job #: Nor3700.P2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-2PP Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: SW corner of polishing pond				Hammer (wt/Fall): Rig Type: Geoprobe		Start: 5/24/2004 Finish: 5/24/2004 Driller: Jared/Will HRP Rep: CJB/CEB	
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
1		0-4'	3.3'	med. dense/dry	0-1	<u>Grey weathered Shale;</u> <u>Brown Clayey SILT;</u> Little fire sand; some fire Gravel; No odor	0-2 = 1ppm
2							
3							
4	▼						
5		4-8'	4'	m. stiff/moist		<u>Grey-brown Clayey SILT, trace sand;</u> No Odor	4-6 = 0ppm
6							
7							
8	▼						
9		8-12'	4'	m. stiff/moist		<u>Grey-brown Clayey SILT, trace sand;</u> No Odor	8-10 = 0ppm
10							
11							
12	▼						
13		12-16'	4'	m. stiff/moist		<u>Grey-brown Clayey SILT, trace sand;</u> No Odor	12-14 = 0ppm
14							
15							
16	▼						
17						End of boring TD = 16' Install temp well	SS-Soil Sample HS-Head Space
18							
19							
20							
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/ Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose	0 - 2 very soft	trace 0-10% little 10-20% some 20-35% and 30-50%	
				5 - 9 loose	3 - 4 soft		
				10 - 29 med. dense	5 - 8 m/stiff		
				30 - 49 dense	9 - 15 stiff		
				50+ very dense	16 - 30 v/stiff		
					31+ hard		

Project: NE Solite HRP Job #: Nor3700.P2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-3PP Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: NW corner of Polishing Pond				Hammer (wt/Fall): NA Rig Type: Geoprobe ATV		Start: 5/24/2004 Finish: 5/24/2004 Driller: Will/Ethan HRP Rep: CJB/CEB	
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
1		0'-4'	3'	m. stiff/moist	1'	Brown clayey SILT; No odor	0-2 = 0
2							
3							
4							
5		4'-8'	4'	m. stiff/moist	6'	Brown clayey SILT; No odor	4-6 = 0
6							
7							
8							
9		8'-12'	4'	m. stiff/moist		Brown clayey SILT, varied; No odor	8-10 = 0
10							
11							
12							
13		12'-16'	4'	m. stiff/moist			12-14 = 1
14							
15							
16							
17						End of boring TD = 16' Install temp well	SS-Soil Sample HS-Head Space
18							
19							
20							
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/ Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose	0 - 2 very soft		trace 0-10% little 10-20% some 20-35% and 30-50%
				5 - 9 loose	3 - 4 soft		
				10 - 29 med. dense	5 - 8 m/stiff		
				30 - 49 dense	9 - 15 stiff		
				50+ very dense	16 - 30 v/stiff		
					31+ hard		

Project: NE Solite HRP Job #: Nor3700.P2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-4PP Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: N of Polishing Ponds				Hammer (wt/Fall): NA Rig Type: Geoprobe ATV		Start: 5/24/2004 Finish: 5/24/2004 Driller: Will/Ethan HRP Rep: CJB/CEB	
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
1		0'-4'	3.8'	Stiff/Dry	2'	Brown Clayey SILT No Odor	0-2 = 0
2							
3							
4							
5		4'-8'	4'	Stiff/Dry		Brown Clayey SILT No Odor	4-6 = 0
6							
7							
8							
9		8'-12'	4'	Stiff/Wet ! = 8'		Brown SILT Clay, some m-f Gravel; No odor	8-10 = 0
10							
11							
12							
13		12'-16'	3.8'	(12-14) Soft		Brown SILT Clay, some m-f Gravel; No odor	10-12 = 0
14							
15							
16							
17				(14-16) Stiff/Wet			12-14 = 0
18							14-16 = 0
19							
20							
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density		Cohesive Consistence	
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense		0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard	
				Proportions			
				trace 0-10% little 10-20% some 20-35% and 30-50%			

Project: NE Solite HRP Job#: NOR3700.p2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-5RR Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Western end of site, adjacent to RR siding, and Production well				Hammer (wt/Fall): NA Rig Type: Geoprobe ATV		Start: 5/24/2004 Finish: 5/24/2004 Driller: Will/Ethan HRP Rep: CJB/CEB	
Depth (6" intervals)	Marco-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
1		0'-4'	4'	m. dense moist		<u>Brown-grey c-f SAND, some m-f Gravel;</u> No odor (fill)	0-2 = 0
2							
3							
4							
5		4'-8'	2'	m. dense moist to wet	4.5'	<u>Grey c-f Gravel some f-m sand</u> No odor (fill)	4-8 = 0
6							
7							
8							
9		8'-12'	3.4'	dense/wet		<u>Grey c-f Gravel some f-m sand</u> No odor	8-10 = 0
10							
11							
12							
13		12'-16'	3' 11"	m. dense/wet stiff/wet	12' 13'	<u>Brown Clay</u> No odor	10-12 = 0
14							
15							
16							
17							12-14 = 0
18							14-16 = 0
19							
20						End of Boring TD=16' Install temp well	SS-Soil Sample HS-Head Space
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/ Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose	0 - 2 very soft		trace 0-10% little 10-20% some 20-35% and 30-50%
				5 - 9 loose	3 - 4 soft		
				10 - 29 med. dense	5 - 8 m/stiff		
				30 - 49 dense	9 - 15 stiff		
				50+ very dense	16 - 30 v/stiff		
					31+ hard		

Project: NE Solite HRP Job#: NOR3700.p2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-6RR Well # NA Sheet No. 1				
Type: Macrocore I.D.: 1.75" Location: Western end of site, adjacent to RR siding, S of NES-5RR				Hammer (wt/Fall): NA Rig Type: Geoprobe ATV		Start: 5/24/2004 Finish: 5/24/2004 Driller: Will/Ethan HRP Rep: CJB/CEB				
Depth (6" intervals)	Marco-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)			
1		0'-4'	4'	Med. Dense/dry		Dark Grey-black c-f Gravel m-f sand No odor	0-2 = 0			
2										
3										
4										
5		4'-8'	3.2'	m. dense moist to wet		Dark Grey-black c-f Gravel m-f sand No odor	2-4 = 0			
6										
7										
8										
9		8'-11'	3'	dense/wet		Brown-grey clayey silt No odor	8-10 = 0			
10										
11										
12										
13						Refused at 11'	collect grab GW sample Install temp well			SS-Soil Sample HS-Head Space
14										
15										
16										
17										
18										
19										
20										
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler		Proportions				
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence					
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard	trace 0-10% little 10-20% some 20-35% and 30-50%				

Project: NE Solite HRP Job#: Nor3700.P2 Contractor: Zebra	HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG	Hole # NES-7RR Well # NA Sheet No. 1
Type: Macrocore I.D.: 1.75" Location: Western end of site, adjacent to RR siding, S of NES-6RR	Hammer (wt/Fall): NA Rig Type: Geoprobe ATV	Start: 5/24/2004 Finish: 5/24/2004 Driller: Will/Ethan HRP Rep: CJB/CEB

Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
1		0'-4'	4'	Loose/dry		Dark Grey c-m GRAVEL some fire Sand No odor (fill)	0-2 = 0 2-4 = 0
2							
3							
4							
5		4'-8'	2'	very dense/wet		Fractured shale fragments	4-8 = 0 No jar samples collected
6							
7							
8							
9		8'-12'	2.7'	stiff/wet		Brown Clayey SILT	8-10 = 0 10-12 = 0
10							
11							
12							
13		12'-16'	2'	stiff/wet		Brown CLAYEY SILT some m-c gravel	1 jar collected 14-16 = 0
14							
15							
16							
17						End of Boring TD=16' Install temp well collect grab GW sample	SS-Soil Sample HS-Head Space
18							
19							
20							

GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler		Proportions
Depth	Date	Casing/ Screen	Stability Time	Cohesionless Density	Cohesive Consistence	
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard	trace 0-10% little 10-20% some 20-35% and 30-50%

Project: NE Solite HRP Job#: Nor3700.P2 Contractor: Zebra		HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-8TF Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Former tank farm, SW of large AST		Hammer (w/Fall): NA Rig Type: Geoprobe ATV		Start: 5/25/2004 Finish: 5/25/2004 Driller: Will HRP Rep: CJB/CEB	

Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
1		0'-4'	2.5'	Dense/Dry		Grey coarse to fine GRAVEL little fine sand, little silt fragments of shale	0-2 = 1
2							2-4 = 4
3							
4	▼						
5		4'-8'	3'	Dense/Dry		Grey coarse to fine GRAVEL little fine sand, little silt fragments of shale	4-6 = 2
6							6-8 = 25
7							
8	▼						
9						refused at 8' No ground water encountered or collected	SS-Soil Sample HS-Head Space
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler		Proportions
Depth	Date	Casing/ Screen	Stability Time	Cohesionless Density	Cohesive Consistence	
				0 - 4 very loose	0 - 2 very soft	trace 0-10%
				5 - 9 loose	3 - 4 soft	little 10-20%
				10 - 29 med. dense	5 - 8 m/stiff	some 20-35%
				30 - 49 dense	9 - 15 stiff	and 30-50%
				50+ very dense	16 - 30 v/stiff	
					31+ hard	

Project: NE Solite HRP Job #: Nor3700.P2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-9TF Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Former tank farm, adjacent to DFT-2				Hammer (wt/Fall): NA Rig Type: Geoprobe ATV		Start: 5/25/2004 Finish: 5/25/2004 Driller: Will/Ethan HRP Rep: CJB/CEB	
Depth (6" intervals)	Marco-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, staining, odor, PID)	PID (ppm)
1		0'-4'	3'	m. dense dry		Grey, c-f GRAVEL <u>trace sand</u> little silt no odor (fill/shale fragments)	0-2 = 0
2							
3							
4							
5		4'-6'	2'	m. dense dry		Grey-brown clayey <u>silt</u> some c-f gravel	4-6 = 0
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
						refused	SS-Soil Sample HS-Head Space
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler		Proportions	
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose	0 - 2 very soft	trace 0-10% little 10-20% some 20-35% and 30-50%	
				5 - 9 loose	3 - 4 soft		
				10 - 29 med. dense	5 - 8 m/stiff		
				30 - 49 dense	9 - 15 stiff		
				50+ very dense	16 - 30 v/stiff		
					31+ hard		

Project: NE Solite HRP Job #: Nor3700.P2 Contractor: Zebra		HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-10TF Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75"		Hammer (wt/Fall): NA Rig Type: Geoprobe ATV		Start: 5/25/2004 Finish: 5/25/2004 Driller: Ethan/Will HRP Rep: CJB/CEB	
Location: Former tank farm, and IES parcel, near former tank saddles					

Depth (6" intervals)	Marco-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
1		0'-4'	3.4'	m. stiff/moist		Grey c-f GRAVEL shade fragments trace fine sand some clayey silt no odor (fill)	0-2 = 0
2							2-4 = 0
3							
4	▼						
5		4'-8'	2.9'	m. stiff/moist		Grey c-f GRAVEL shade fragments trace fine sand some clayey silt no odor (fill)	4-6 = 0
6							
7							
8	▼						6-8 = 0
9		8'-11'	3'	m. stiff moist/wet soft at 8.5-8.8'		Grey-brown clayey silt some c-f gravel organic odors brown mottles dessication fractures	8-10 = 0
10							10-11 = 0
11	▼						
12							
13						Refusal at 11 ft.	
14							
15							
16							
17							
18							
19							
20							

SS-Soil Sample
HS-Head Space

GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler		Proportions
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence	
				0 - 4 very loose	0 - 2 very soft	trace 0-10%
				5 - 9 loose	3 - 4 soft	little 10-20%
				10 - 29 med. dense	5 - 8 m/stiff	some 20-35%
				30 - 49 dense	9 - 15 stiff	and 30-50%
				50+ very dense	16 - 30 v/stiff	
					31+ hard	

Project: NE Solite HRP Job #: NOR3700.P2 Contractor: Zebra	HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG	Hole # NES-11TF Well # NA Sheet No. 1
Type: Macrocore I.D.: 1.75" Location: Southern edge of IES parcel	Hammer (wt/Fall): NA Rig Type: Geoprobe ATV	Start: 5/25/2004 Finish: 5/25/2004 Driller: Will/Ethan HRP Rep: CJB/CEB

Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, staining, odor, PID)	PID (ppm)
1		0'-4'	2.7'	soft/moist	3	<u>Grey c-f GRAVEL</u> <u>Some clayey silt</u> <u>Brown clayey silt</u> no odor	0-2 = 0
2							2-4 = 0
3							
4	▼						
5		4'-8'	2.3'	m. dense/ moist		<u>Grey c-f GRAVEL</u> <u>Some clayey silt</u> <u>Brown clayey silt</u> no odor	4-6 = 0
6							6-8 = 0
7							
8	▼						
9		8'-12'	3'	m. dense/moist		<u>Grey-Brown c-f GRAVEL</u> <u>some clayey silt</u> no odor	8-10 = 0
10							10-12 = 0
11							
12	▼						
13		12'-16'	4'	stiff/moist	14' 15.5-15.7	Dark grey clayey silt no odor redbrown organics (wood)	12-14 = 0
14							14-16 = 0
15							
16	▼						
17							
18							
19							
20							
						End of boring TD= 16 ft	SS-Soil Sample HS-Head Space

GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler		Proportions
Depth	Date	Casing/ Screen	Stability Time	Cohesionless Density	Cohesive Consistence	
				0 - 4 very loose	0 - 2 very soft	trace 0-10% little 10-20% some 20-35% and 30-50%
				5 - 9 loose	3 - 4 soft	
				10 - 29 med. dense	5 - 8 m/stiff	
				30 - 49 dense	9 - 15 stiff	
				50+ very dense	16 - 30 v/stiff	
					31+ hard	

Project: NE Solite HRP Job #: Nor3700.P2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-12TF Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Tank farm area, near former well VFT 1A				Hammer (wt/Fall): NA Rig Type: Geoprobe ATV		Start: 5/25/2004 Finish: 5/25/2004 Driller: Ethan/Will HRP Rep: CJB/CEB	
Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/Moisture	Profile Change	Remarks [color, structure, grain size, stating, odor, PID]	PID (ppm)
1		0'-4'	2.6'	dense/dry		<u>Grey-lt brown</u> <u>coarse GRAVEL</u> <u>little fine sand</u> some silt no odor (fill)	0-2 = 0
2							
3							
4	▼						
5		4'-8'	2.2'	dense/dry		<u>Grey-lt brown</u> <u>coarse GRAVEL</u> <u>little fine sand</u> some silt no odor (fill)	4-6 = 0
6							
7							
8	▼						
9		8'-12'	2.1'	dense/dry		<u>Grey-lt brown</u> <u>coarse GRAVEL</u> <u>little fine sand</u> some silt no odor (fill) some organic layers noted organic odor <u>Brown clayey silt</u>	8-10 = 0
10							
11							
12	▼						
13		12'-14'	2'	dense/dry	12'		12-14 = 3
14	▼						
15							
16							
17						Refusal at 14 ft	SS-Soil Sample HS-Head Space
18							
19							
20							
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose	0 - 2 very soft		trace 0-10% little 10-20% some 20-35% and 30-50%
				5 - 9 loose	3 - 4 soft		
				10 - 29 med. dense	5 - 8 m/stiff		
				30 - 49 dense	9 - 15 stiff		
				50+ very dense	16 - 30 v/stiff		
					31+ hard		

Project: NE Solite HRP Job #: Nor 3700.P2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-13TF Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Former Tank farm area, adjacent to former DFT-1				Hammer (wt/Fall): NA Rig Type: Geoprobe ATV		Start: 5/25/2004 Finish: 5/25/2004 Driller: Will/Ethan HRP Rep: CJB/CEB	
Depth (6" intervals)	Marco-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
1		0'-4'	3.5'	m. stiff/moist		Grey-brown clayey silt some m-f gravel no odor (fill)	0-2 = 0.1 2-4 = 0
2							
3							
4							
5		4'-8'	3.5'	m. dense/dry		Brown-grey clayey SILT little fine sand some f-m gravel no odor	4-6 = 0 6-8 = 0.5
6							
7							
8							
9		8'-12'	4'	stiff moist to wet at 10.5 ft		brown clayey SILT	8-10 = 0 10-12 = 0
10							
11							
12							
13		12'-13'	3' 12'	m. stiff/ wet		refused at 13' collect grab GWsample	12-13 = 0 SS-Soil Sample HS-Head Space
14							
15							
16							
17							
18							
19							
20							
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/ Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose 5 - 9 loose 10 - 29 med. dense 30 - 49 dense 50+ very dense	0 - 2 very soft 3 - 4 soft 5 - 8 m/stiff 9 - 15 stiff 16 - 30 v/stiff 31+ hard	trace 0-10% little 10-20% some 20-35% and 30-50%	

Project: NE Solite HRP Job #: Nor3700.P2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-14 Seep Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Adjacent and downgradient to the seep				Hammer (wt/Fall): NA Rig Type: Geoprobe ATV		Start: 5/25/2004 Finish: 5/25/2004 Driller: Will/Ethan HRP Rep: CJB/CEB	

Depth (6" intervals)	Macro-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
1							
2		0'-4'	3' 7"	Loose/dry		Grey-Brown SANDY GRAVEL	0-2 = 0
3						no odor (fill)	2-4 = 0
4	▼				4'		
5							4-6 = 0
6		4'-8'	4'	V/stiff/dry		Brown CLAY	
7						no odor	6-8 = 0
8	▼						
9						Brown Clay	8-10 = 0
10		8'-12'	4'	stiff/moist	10'	Black-Grey fill	
11	▼					no odor	10-12 = 0
12							
13							12-14 = 0
14		12'-16'	4'	stiff/moist		Black-Grey fill	
15						no odor	14-16 = 0
16	▼						
17						End Boring	
18						TD = 16	
19							SS-Soil Sample
20							HS-Head Space

GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler		Proportions
Depth	Date	Casing/ Screen	Stability Time	Cohesionless Density	Cohesive Consistence	
				0 - 4 very loose	0 - 2 very soft	trace 0-10%
				5 - 9 loose	3 - 4 soft	little 10-20%
				10 - 29 med. dense	5 - 8 m/stiff	some 20-35%
				30 - 49 dense	9 - 15 stiff	and 30-50%
				50+ very dense	16 - 30 v/stiff	
					31+ hard	

Project: NE Solite HRP Job #: Nor3700.P2 Contractor: Zebra				HRP ASSOCIATES, INC. ENGINEERING & GEOLOGY DRILLING LOG		Hole # NES-15BA Well # NA Sheet No. 1	
Type: Macrocore I.D.: 1.75" Location: Background sample				Hammer (wt/Fall): NA Rig Type: Geoprobe ATV		Start: 5/25/2004 Finish: 5/25/2004 Driller: Will/Ethan HRP Rep: CJB/CEB	
Depth (6" intervals)	Marco-core Samples	Sample Interval	Recovery (ft)	Density or Consistency/ Moisture	Profile Change	Remarks (color, structure, grain size, stating, odor, PID)	PID (ppm)
1		0'-4'	2.4'	med dense/dry		<u>Brown SANDY SILT;</u> <u>some fine gravel;</u> (fill) no odor	0
2							
3							
4		4'-5'	1.4'	dense/moist		<u>Gray SHALE</u> no odor (bedrock)	0
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
GROUNDWATER OBSERVATIONS				SAMPLE PENETRATION RESISTANCE 140 lb. Wt. Falling 30" on 2" O.D. Sampler			Proportions
Depth	Date	Casing/ Screen	Stability Time	Cohesionless Density	Cohesive Consistence		
				0 - 4 very loose	0 - 2 very soft	trace 0-10% little 10-20% some 20-35% and 30-50%	
				5 - 9 loose	3 - 4 soft		
				10 - 29 med. dense	5 - 8 m/stiff		
				30 - 49 dense	9 - 15 stiff		
				50+ very dense	16 - 30 v/stiff		
					31+ hard		

APPENDIX B
Soil Sample Analytical Results

HRP

Associates, Inc.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(0-2)

Name: AES, Inc. Contract: .
Lab Code: AES Case No.: HRP0404 SAS No.: .
Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(0-2)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1411
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 4. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

3/90

000191

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(2-4)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(2-4)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1412
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 26. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	14.	U
74-83-9-----	Bromomethane	14.	U
75-01-4-----	Vinyl Chloride	14.	U
75-00-3-----	Chloroethane	14.	U
75-09-2-----	Methylene Chloride	7.	U
67-64-1-----	Acetone	14.	U
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	14.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	14.	U
591-78-6-----	2-Hexanone	14.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	7.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(4-6)

Name: AES, Inc.	Contract:	SDG No.: NES-2PP(0-2)
Lab Code: AES	Case No.: HRP0404 SAS No.:	Lab Sample ID: NES-2PP(4-6)
Matrix: (soil/water) SOIL		Lab File ID: D1434
Sample wt/vol: 5.000 (g/mL) G		Date Received: 05/25/04
Level: (low/med) LOW		Date Analyzed: 05/29/04
% Moisture: not dec. 27.		Dilution Factor: 1.0
GC Column: RTX502.2 ID: .32 (mm)		Soil Aliquot Volume: _____ (uL)
Soil Extract Volume: _____ (uL)		

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	14.	U
74-83-9-----	Bromomethane	14.	U
75-01-4-----	Vinyl Chloride	14.	U
75-00-3-----	Chloroethane	14.	U
75-09-2-----	Methylene Chloride	7.	U
67-64-1-----	Acetone	20.	U
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	14.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	14.	U
591-78-6-----	2-Hexanone	14.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	8.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(6-8)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0404 SAS No.:
 Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(6-8)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1414
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: not dec. 31. Date Analyzed: 05/28/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	14.	U
74-83-9-----	Bromomethane	14.	U
75-01-4-----	Vinyl Chloride	14.	U
75-00-3-----	Chloroethane	14.	U
75-09-2-----	Methylene Chloride	7.	U
67-64-1-----	Acetone	29.	BU
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	WJ
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	14.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	14.	U
591-78-6-----	2-Hexanone	14.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	WJ
108-88-3-----	Toluene	7.	J
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(8-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1415
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 19. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(10-12)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(10-12)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1416
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: not dec. 21. Date Analyzed: 05/28/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	-----Chloromethane	13.	U
74-83-9	-----Bromomethane	13.	U
75-01-4	-----Vinyl Chloride	13.	U
75-00-3	-----Chloroethane	13.	U
75-09-2	-----Methylene Chloride	6.	U
67-64-1	-----Acetone	13.	U
75-15-0	-----Carbon Disulfide	6.	U
75-35-4	-----1,1-Dichloroethene	6.	U
75-34-3	-----1,1-Dichloroethane	6.	U
156-60-5	-----trans-1,2-Dichloroethene	6.	U
67-66-3	-----Chloroform	6.	U
107-06-2	-----1,2-Dichloroethane	6.	U
78-93-3	-----2-Butanone	13.	U
71-55-6	-----1,1,1-Trichloroethane	6.	U
56-23-5	-----Carbon Tetrachloride	6.	U
75-27-4	-----Bromodichloromethane	6.	U
78-87-5	-----1,2-Dichloropropane	6.	U
10061-01-5	-----cis-1,3-Dichloropropene	6.	U
79-01-6	-----Trichloroethene	6.	U
124-48-1	-----Dibromochloromethane	6.	U
79-00-5	-----1,1,2-Trichloroethane	6.	U
71-43-2	-----Benzene	6.	U
10061-02-6	-----trans-1,3-Dichloropropene	6.	U
75-25-2	-----Bromoform	6.	U
108-10-1	-----4-Methyl-2-Pentanone	13.	U
591-78-6	-----2-Hexanone	13.	U
127-18-4	-----Tetrachloroethene	6.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	6.	U
108-88-3	-----Toluene	3.	U
108-90-7	-----Chlorobenzene	6.	U
100-41-4	-----Ethylbenzene	6.	U
100-42-5	-----Styrene	6.	U
156-59-2	-----cis-1,2-Dichloroethene	6.	U
106-42-3	-----m,p-Xylene	6.	U
95-47-6	-----o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(12-14)

Name: AES, Inc. Contract:
 L. Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(12-14)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1417
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: not dec. 24. Date Analyzed: 05/28/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	7.	U
67-64-1-----	Acetone	32.	U
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	9.	J
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	7.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(14-16)

Name: AES, Inc. Contract: SDG No.: NES-2PP(0-2)
 Lab Code: AES Case No.: HRP0404 SAS No.: Lab Sample ID: NES-2PP(14-16)
 Matrix: (soil/water) SOIL Lab File ID: D1418
 Sample wt/vol: 5.000 (g/mL) G Date Received: 05/25/04
 Level: (low/med) LOW Date Analyzed: 05/28/04
 % Moisture: not dec. 25. Dilution Factor: 1.0
 GC Column: RTX502.2 ID: .32 (mm) Soil Aliquot Volume: (uL)
 Soil Extract Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q



74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	7.	U
67-64-1-----	Acetone	13.	U
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	13.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	7.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(0-2)

Name: AES, Inc. Contract: _____
 L Code: AES Case No.: HRP0404 SAS No.: _____ SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(0-2)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1419
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: not dec. 25. Date Analyzed: 05/28/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	-----Chloromethane	13.	U
74-83-9	-----Bromomethane	13.	U
75-01-4	-----Vinyl Chloride	13.	U
75-00-3	-----Chloroethane	13.	U
75-09-2	-----Methylene Chloride	7.	U
67-64-1	-----Acetone	13.	U
75-15-0	-----Carbon Disulfide	7.	U
75-35-4	-----1,1-Dichloroethene	7.	U
75-34-3	-----1,1-Dichloroethane	7.	U
156-60-5	-----trans-1,2-Dichloroethene	7.	U
67-66-3	-----Chloroform	7.	U
107-06-2	-----1,2-Dichloroethane	7.	U
78-93-3	-----2-Butanone	13.	U
71-55-6	-----1,1,1-Trichloroethane	7.	U
56-23-5	-----Carbon Tetrachloride	7.	U
75-27-4	-----Bromodichloromethane	7.	U
78-87-5	-----1,2-Dichloropropane	7.	U
10061-01-5	-----cis-1,3-Dichloropropene	7.	U
79-01-6	-----Trichloroethene	7.	U
124-48-1	-----Dibromochloromethane	7.	U
79-00-5	-----1,1,2-Trichloroethane	7.	U
71-43-2	-----Benzene	7.	U
10061-02-6	-----trans-1,3-Dichloropropene	7.	U
75-25-2	-----Bromoform	7.	U
108-10-1	-----4-Methyl-2-Pentanone	13.	U
591-78-6	-----2-Hexanone	13.	U
127-18-4	-----Tetrachloroethene	7.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	7.	U
108-88-3	-----Toluene	7.	U
108-90-7	-----Chlorobenzene	7.	U
100-41-4	-----Ethylbenzene	7.	U
100-42-5	-----Styrene	7.	U
156-59-2	-----cis-1,2-Dichloroethene	7.	U
106-42-3	-----m,p-Xylene	7.	U
95-47-6	-----o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(2-4)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0404 SAS No.:
 Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(0-2)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1435
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: not dec. 20. Date Analyzed: 05/29/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	18.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(4-6)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(4-6)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1421
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 17. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	27.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	5.	J
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(6-8)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(6-8)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1436
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: not dec. 21. Date Analyzed: 05/29/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	41.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	28.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	9.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(8-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1423
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 18. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	24.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	14.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(10-12)

Name: AES, Inc. Contract:
 L. Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(10-12)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1437
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: not dec. 28. Date Analyzed: 05/29/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	14.	U
74-83-9-----	Bromomethane	14.	U
75-01-4-----	Vinyl Chloride	14.	U
75-00-3-----	Chloroethane	14.	U
75-09-2-----	Methylene Chloride	7.	U
67-64-1-----	Acetone	90.	B
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	34.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	14.	U
591-78-6-----	2-Hexanone	14.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	4.	J
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(12-14)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(12-14)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1438
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: not dec. 19. Date Analyzed: 05/29/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	33.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	J
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	3.	J
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

FORM I VOA

3/90

000254

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(14-16)

Name: AES, Inc. Contract:
 L. Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(14-16)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1426
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: not dec. 21. Date Analyzed: 05/28/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	13.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	13.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(0-2)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1427
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 18. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	3.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(2-4)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(2-4)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1428
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: not dec. 19. Date Analyzed: 05/28/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(4-6)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(4-6)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1429
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 20. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	38.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	9.	J
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(8-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0930
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 22. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

Q

/

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	6.	BU
67-64-1-----	Acetone	33.	BU
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	13.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

373

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(0-2)

I Name: AES, Inc. Lab Code: AES Matrix: (soil/water) SOIL Sample wt/vol: 30.0 (g/mL) G Level: (low/med) LOW % Moisture: 4. decanted: (Y/N) N Concentrated Extract Volume: 1000.0 (uL) Injection Volume: 2.0 (uL) GPC Cleanup: (Y/N) N	Contract: Case No.: HRP0404 SAS No.: Lab Sample ID: NES-2PP(0-2) Lab File ID: B1354 Date Received: 05/25/04 Date Extracted: 06/01/04 Date Analyzed: 06/03/04 Dilution Factor: 1.0 pH: 8.4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	350.	U
111-44-4-----bis(2-Chloroethyl) ether	350.	U
95-57-8-----2-Chlorophenol	350.	U
541-73-1-----1,3-Dichlorobenzene	350.	U
106-46-7-----1,4-Dichlorobenzene	350.	U
95-50-1-----1,2-Dichlorobenzene	350.	U
95-48-7-----2-Methylphenol	350.	U
108-60-1-----bis(2-chloroisopropyl) ether	350.	U
106-44-5-----4-Methylphenol	350.	U
621-64-7-----n-Nitroso-di-n-propylamine	350.	U
67-72-1-----Hexachloroethane	350.	U
98-95-3-----Nitrobenzene	350.	U
78-59-1-----Isophorone	350.	U
88-75-5-----2-Nitrophenol	350.	U
105-67-9-----2,4-Dimethylphenol	350.	U
111-91-1-----bis(2-Chloroethoxy) methane	350.	U
120-83-2-----2,4-Dichlorophenol	350.	U
120-82-1-----1,2,4-Trichlorobenzene	350.	U
91-20-3-----Naphthalene	350.	U
106-47-8-----4-Chloroaniline	350.	U
87-68-3-----Hexachlorobutadiene	350.	U
59-50-7-----4-Chloro-3-methylphenol	350.	U
91-57-6-----2-Methylnaphthalene	350.	U
77-47-4-----Hexachlorocyclopentadiene	350.	U
88-06-2-----2,4,6-Trichlorophenol	350.	U
95-95-4-----2,4,5-Trichlorophenol	350.	U
91-58-7-----2-Chloronaphthalene	350.	U
88-74-4-----2-Nitroaniline	1700.	U
131-11-3-----Dimethylphthalate	350.	U
208-96-8-----Acenaphthylene	350.	U
606-20-2-----2,6-Dinitrotoluene	350.	U
99-09-2-----3-Nitroaniline	1700.	U
83-32-9-----Acenaphthene	350.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(0-2)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1354
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 4. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	1700.	U
100-02-7-----	4-Nitrophenol	1700.	U
132-64-9-----	Dibenzofuran	350.	U
121-14-2-----	2,4-Dinitrotoluene	350.	U
84-66-2-----	Diethylphthalate	350.	U
7005-72-3-----	4-Chlorophenyl-phenylether	350.	U
86-73-7-----	Fluorene	350.	U
100-01-6-----	4-Nitroaniline	1700.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1700.	U
86-30-6-----	n-Nitrosodiphenylamine	350.	U
101-55-3-----	4-Bromophenyl-phenylether	350.	U
118-74-1-----	Hexachlorobenzene	350.	U
87-86-5-----	Pentachlorophenol	1700.	U
85-01-8-----	Phenanthrene	350.	U
120-12-7-----	Anthracene	350.	U
86-74-8-----	Carbazole	350.	U
84-74-2-----	Di-n-butylphthalate	350.	U
206-44-0-----	Fluoranthene	350.	U
129-00-0-----	Pyrene	350.	U
85-68-7-----	Butylbenzylphthalate	350.	U
91-94-1-----	3,3'-Dichlorobenzidine	690.	U
56-55-3-----	Benzo(a)anthracene	350.	U
218-01-9-----	Chrysene	350.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	680.	U
117-84-0-----	Di-n-octylphthalate	350.	U
205-99-2-----	Benzo(b)fluoranthene	350.	U
207-08-9-----	Benzo(k)fluoranthene	350.	U
50-32-8-----	Benzo(a)pyrene	350.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3-----	Dibenzo(a,h)anthracene	350.	U
191-24-2-----	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000386

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(2-4)

Name: AES, Inc.	Contract:	
Lab Code: AES	Case No.: HRP0404	SAS No.:
Matrix: (soil/water) SOIL		SDG No.: NES-2PP(0-2)
Sample wt/vol: 30.0 (g/mL) G		Lab Sample ID: NES-2PP(2-4)
Level: (low/med) LOW		Lab File ID: B1355
% Moisture: 26. decanted: (Y/N) N		Date Received: 05/25/04
Concentrated Extract Volume: 1000.0 (uL)		Date Extracted: 06/01/04
Injection Volume: 2.0 (uL)		Date Analyzed: 06/03/04
GPC Cleanup: (Y/N) N	pH: 7.7	Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	450.	U
111-44-4-----	bis(2-Chloroethyl)ether	450.	U
95-57-8-----	2-Chlorophenol	450.	U
541-73-1-----	1,3-Dichlorobenzene	450.	U
106-46-7-----	1,4-Dichlorobenzene	450.	U
95-50-1-----	1,2-Dichlorobenzene	450.	U
95-48-7-----	2-Methylphenol	450.	U
108-60-1-----	bis(2-chloroisopropyl) ether	450.	U
106-44-5-----	4-Methylphenol	450.	U
621-64-7-----	n-Nitroso-di-n-propylamine	450.	U
67-72-1-----	Hexachloroethane	450.	U
98-95-3-----	Nitrobenzene	450.	U
78-59-1-----	Isophorone	450.	U
88-75-5-----	2-Nitrophenol	450.	U
105-67-9-----	2,4-Dimethylphenol	450.	U
111-91-1-----	bis(2-Chloroethoxy)methane	450.	U
120-83-2-----	2,4-Dichlorophenol	450.	U
120-82-1-----	1,2,4-Trichlorobenzene	450.	U
91-20-3-----	Naphthalene	450.	U
106-47-8-----	4-Chloroaniline	450.	U
87-68-3-----	Hexachlorobutadiene	450.	U
59-50-7-----	4-Chloro-3-methylphenol	450.	U
91-57-6-----	2-Methylnaphthalene	450.	U
77-47-4-----	Hexachlorocyclopentadiene	450.	U
88-06-2-----	2,4,6-Trichlorophenol	450.	U
95-95-4-----	2,4,5-Trichlorophenol	450.	U
91-58-7-----	2-Chloronaphthalene	450.	U
88-74-4-----	2-Nitroaniline	2300.	U
131-11-3-----	Dimethylphthalate	450.	U
208-96-8-----	Acenaphthylene	450.	U
606-20-2-----	2,6-Dinitrotoluene	450.	U
99-09-2-----	3-Nitroaniline	2300.	U
83-32-9-----	Acenaphthene	450.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(2-4)

Name: AES, Inc.	Contract:	SDG No.: NES-2PP(0-2)
Code: AES	Case No.: HRP0404 SAS No.:	
Matrix: (soil/water) SOIL	Lab Sample ID: NES-2PP(2-4)	
Sample wt/vol: 30.0 (g/mL) G	Lab File ID: B1355	
Level: (low/med) LOW	Date Received: 05/25/04	
% Moisture: 26. decanted: (Y/N) N	Date Extracted: 06/01/04	
Concentrated Extract Volume: 1000.0 (uL)	Date Analyzed: 06/03/04	
Injection Volume: 2.0 (uL)	Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 7.7	

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2300.	U
100-02-7-----	4-Nitrophenol	2300.	U
132-64-9-----	Dibenzofuran	450.	U
121-14-2-----	2,4-Dinitrotoluene	450.	U
84-66-2-----	Diethylphthalate	450.	U
7005-72-3-----	4-Chlorophenyl-phenylether	450.	U
86-73-7-----	Fluorene	450.	U
100-01-6-----	4-Nitroaniline	2300.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2300.	U
86-30-6-----	n-Nitrosodiphenylamine	450.	U
101-55-3-----	4-Bromophenyl-phenylether	450.	U
118-74-1-----	Hexachlorobenzene	450.	U
87-86-5-----	Pentachlorophenol	2300.	U
85-01-8-----	Phenanthrene	450	U
120-12-7-----	Anthracene	450.	U
86-74-8-----	Carbazole	450.	U
84-74-2-----	Di-n-butylphthalate	450.	U
206-44-0-----	Fluoranthene	450.	U
129-00-0-----	Pyrene	450.	U
85-68-7-----	Butylbenzylphthalate	450.	U
91-94-1-----	3,3'-Dichlorobenzidine	900.	U
56-55-3-----	Benzo (a) anthracene	450.	U
218-01-9-----	Chrysene	450.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	1100.	U
117-84-0-----	Di-n-octylphthalate	450.	U
205-99-2-----	Benzo (b) fluoranthene	450.	U
207-08-9-----	Benzo (k) fluoranthene	450.	U
50-32-8-----	Benzo (a) pyrene	450.	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	450.	U
53-70-3-----	Dibenzo (a,h) anthracene	450.	U
191-24-2-----	Benzo (g,h,i) perylene	450.	U

(1) - Cannot be separated from diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(4-6)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(4-6)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1356
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 27. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.4

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	460.	U
111-44-4-----	bis(2-Chloroethyl) ether	460.	U
95-57-8-----	2-Chlorophenol	460.	U
541-73-1-----	1,3-Dichlorobenzene	460.	U
106-46-7-----	1,4-Dichlorobenzene	460.	U
95-50-1-----	1,2-Dichlorobenzene	460.	U
95-48-7-----	2-Methylphenol	460.	U
108-60-1-----	bis(2-chloroisopropyl) ether	460.	U
106-44-5-----	4-Methylphenol	460.	U
621-64-7-----	n-Nitroso-di-n-propylamine	460.	U
67-72-1-----	Hexachloroethane	460.	U
98-95-3-----	Nitrobenzene	460.	U
78-59-1-----	Isophorone	460.	U
88-75-5-----	2-Nitrophenol	460.	U
105-67-9-----	2,4-Dimethylphenol	460.	U
111-91-1-----	bis(2-Chloroethoxy) methane	460.	U
120-83-2-----	2,4-Dichlorophenol	460.	U
120-82-1-----	1,2,4-Trichlorobenzene	460.	U
91-20-3-----	Naphthalene	460.	U
106-47-8-----	4-Chloroaniline	460.	U
87-68-3-----	Hexachlorobutadiene	460.	U
59-50-7-----	4-Chloro-3-methylphenol	460.	U
91-57-6-----	2-Methylnaphthalene	460.	U
77-47-4-----	Hexachlorocyclopentadiene	460.	U
88-06-2-----	2,4,6-Trichlorophenol	460.	U
95-95-4-----	2,4,5-Trichlorophenol	460.	U
91-58-7-----	2-Chloronaphthalene	460.	U
88-74-4-----	2-Nitroaniline	2300.	U
131-11-3-----	Dimethylphthalate	460.	U
208-96-8-----	Acenaphthylene	460.	U
606-20-2-----	2,6-Dinitrotoluene	460.	U
99-09-2-----	3-Nitroaniline	2300.	U
83-32-9-----	Acenaphthene	460.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(4-6)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(4-6)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1356
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 27. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----2,4-Dinitrophenol	2300.	U
100-02-7-----4-Nitrophenol	2300.	U
132-64-9-----Dibenzofuran	460.	U
121-14-2-----2,4-Dinitrotoluene	460.	U
84-66-2-----Diethylphthalate	460.	U
7005-72-3-----4-Chlorophenyl-phenylether	460.	U
86-73-7-----Fluorene	460.	U
100-01-6-----4-Nitroaniline	2300.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2300.	U
86-30-6-----n-Nitrosodiphenylamine	460.	U
101-55-3-----4-Bromophenyl-phenylether	460.	U
118-74-1-----Hexachlorobenzene	460.	U
87-86-5-----Pentachlorophenol	2300.	U
85-01-8-----Phenanthrene	460.	U
120-12-7-----Anthracene	460.	U
86-74-8-----Carbazole	460.	U
84-74-2-----Di-n-butylphthalate	460.	U
206-44-0-----Fluoranthene	460.	U
129-00-0-----Pyrene	460.	U
85-68-7-----Butylbenzylphthalate	460.	U
91-94-1-----3,3'-Dichlorobenzidine	910.	U
56-55-3-----Benzo(a)anthracene	460.	U
218-01-9-----Chrysene	460.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	670.	U
117-84-0-----Di-n-octylphthalate	100.	U
205-99-2-----Benzo(b)fluoranthene	460.	U
207-08-9-----Benzo(k)fluoranthene	460.	U
50-32-8-----Benzo(a)pyrene	460.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	460.	U
53-70-3-----Dibenzo(a,h)anthracene	460.	U
191-24-2-----Benzo(g,h,i)perylene	460.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000396

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(6-8)

Name: AES, Inc.	Contract:	
Lab Code: AES	Case No.: HRP0404	SAS No.:
Matrix: (soil/water) SOIL		SDG No.: NES-2PP(0-2)
Sample wt/vol: 30.0 (g/mL) G		Lab Sample ID: NES-2PP(6-8)
Level: (low/med) LOW		Lab File ID: B1357
% Moisture: 31. decanted: (Y/N) N		Date Received: 05/25/04
Concentrated Extract Volume: 1000.0 (uL)		Date Extracted: 06/01/04
Injection Volume: 2.0 (uL)		Date Analyzed: 06/03/04
GPC Cleanup: (Y/N) N	pH: 6.7	Dilution Factor: 1.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----Phenol	480.	U
111-44-4-----bis(2-Chloroethyl) ether	480.	U
95-57-8-----2-Chlorophenol	480.	U
541-73-1-----1,3-Dichlorobenzene	480.	U
106-46-7-----1,4-Dichlorobenzene	480.	U
95-50-1-----1,2-Dichlorobenzene	480.	U
95-48-7-----2-Methylphenol	480.	U
108-60-1-----bis(2-chloroisopropyl) ether	480.	U
106-44-5-----4-Methylphenol	480.	U
621-64-7-----n-Nitroso-di-n-propylamine	480.	U
67-72-1-----Hexachloroethane	480.	U
98-95-3-----Nitrobenzene	480.	U
78-59-1-----Isophorone	480.	U
88-75-5-----2-Nitrophenol	480.	U
105-67-9-----2,4-Dimethylphenol	480.	U
111-91-1-----bis(2-Chloroethoxy)methane	480.	U
120-83-2-----2,4-Dichlorophenol	480.	U
120-82-1-----1,2,4-Trichlorobenzene	480.	U
91-20-3-----Naphthalene	480.	U
106-47-8-----4-Chloroaniline	480.	U
87-68-3-----Hexachlorobutadiene	480.	U
59-50-7-----4-Chloro-3-methylphenol	480.	U
91-57-6-----2-Methylnaphthalene	480.	U
77-47-4-----Hexachlorocyclopentadiene	480.	U
88-06-2-----2,4,6-Trichlorophenol	480.	U
95-95-4-----2,4,5-Trichlorophenol	480.	U
91-58-7-----2-Chloronaphthalene	480.	U
88-74-4-----2-Nitroaniline	2400.	U
131-11-3-----Dimethylphthalate	480.	U
208-96-8-----Acenaphthylene	480.	U
606-20-2-----2,6-Dinitrotoluene	480.	U
99-09-2-----3-Nitroaniline	2400.	U
83-32-9-----Acenaphthene	480.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(6-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(6-8)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1357
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 31. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.7

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	2400.	U
100-02-7-----4-Nitrophenol	2400.	U
132-64-9-----Dibenzofuran	480.	U
121-14-2-----2,4-Dinitrotoluene	480.	U
84-66-2-----Diethylphthalate	480.	U
7005-72-3-----4-Chlorophenyl-phenylether	480.	U
86-73-7-----Fluorene	480.	U
100-01-6-----4-Nitroaniline	2400.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2400.	U
86-30-6-----n-Nitrosodiphenylamine	480.	U
101-55-3-----4-Bromophenyl-phenylether	480.	U
118-74-1-----Hexachlorobenzene	480.	U
87-86-5-----Pentachlorophenol	2400.	U
85-01-8-----Phenanthrene	480.	U
120-12-7-----Anthracene	480.	U
86-74-8-----Carbazole	480.	U
84-74-2-----Di-n-butylphthalate	480.	U
206-44-0-----Fluoranthene	480.	U
129-00-0-----Pyrene	480.	U
85-68-7-----Butylbenzylphthalate	480.	U
91-94-1-----3,3'-Dichlorobenzidine	970.	U
56-55-3-----Benzo(a)anthracene	480.	U
218-01-9-----Chrysene	480.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	1000.	U
117-84-0-----Di-n-octylphthalate	55.	U
205-99-2-----Benzo(b)fluoranthene	480.	U
207-08-9-----Benzo(k)fluoranthene	480.	U
50-32-8-----Benzo(a)pyrene	480.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	480.	U
53-70-3-----Dibenzo(a,h)anthracene	480.	U
191-24-2-----Benzo(g,h,i)perylene	480.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000401

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1358
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 19. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.2

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	410.	U
111-44-4-----	bis(2-Chloroethyl) ether	410.	U
95-57-8-----	2-Chlorophenol	410.	U
541-73-1-----	1,3-Dichlorobenzene	410.	U
106-46-7-----	1,4-Dichlorobenzene	410.	U
95-50-1-----	1,2-Dichlorobenzene	410.	U
95-48-7-----	2-Methylphenol	410.	U
108-60-1-----	bis(2-chloroisopropyl) ether	410.	U
106-44-5-----	4-Methylphenol	410.	U
621-64-7-----	n-Nitroso-di-n-propylamine	410.	U
67-72-1-----	Hexachloroethane	410.	U
98-95-3-----	Nitrobenzene	410.	U
78-59-1-----	Isophorone	410.	U
88-75-5-----	2-Nitrophenol	410.	U
105-67-9-----	2,4-Dimethylphenol	410.	U
111-91-1-----	bis(2-Chloroethoxy)methane	410.	U
120-83-2-----	2,4-Dichlorophenol	410.	U
120-82-1-----	1,2,4-Trichlorobenzene	410.	U
91-20-3-----	Naphthalene	410.	U
106-47-8-----	4-Chloroaniline	410.	U
87-68-3-----	Hexachlorobutadiene	410.	U
59-50-7-----	4-Chloro-3-methylphenol	410.	U
91-57-6-----	2-Methylnaphthalene	410.	U
77-47-4-----	Hexachlorocyclopentadiene	410.	U
88-06-2-----	2,4,6-Trichlorophenol	410.	U
95-95-4-----	2,4,5-Trichlorophenol	410.	U
91-58-7-----	2-Chloronaphthalene	410.	U
88-74-4-----	2-Nitroaniline	2100.	U
131-11-3-----	Dimethylphthalate	410.	U
208-96-8-----	Acenaphthylene	410.	U
606-20-2-----	2,6-Dinitrotoluene	410.	U
99-09-2-----	3-Nitroaniline	2100.	U
83-32-9-----	Acenaphthene	410.	U

FORM I SV-1

3/90

000405

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1358
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 19. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 05/03/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.2

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	410.	U
121-14-2-----	2,4-Dinitrotoluene	410.	U
84-66-2-----	Diethylphthalate	410.	U
7005-72-3-----	4-Chlorophenyl-phenylether	410.	U
86-73-7-----	Fluorene	410.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	410.	U
101-55-3-----	4-Bromophenyl-phenylether	410.	U
118-74-1-----	Hexachlorobenzene	410.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	410.	U
120-12-7-----	Anthracene	410.	U
86-74-8-----	Carbazole	410.	U
84-74-2-----	Di-n-butylphthalate	410.	U
206-44-0-----	Fluoranthene	410.	U
129-00-0-----	Pyrene	410.	U
85-68-7-----	Butylbenzylphthalate	410.	U
91-94-1-----	3,3'-Dichlorobenzidine	820.	U
56-55-3-----	Benzo(a)anthracene	410.	U
218-01-9-----	Chrysene	410.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	1300.	U
117-84-0-----	Di-n-octylphthalate	410.	U
205-99-2-----	Benzo(b)fluoranthene	410.	U
207-08-9-----	Benzo(k)fluoranthene	410.	U
50-32-8-----	Benzo(a)pyrene	410.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	410.	U
53-70-3-----	Dibenzo(a,h)anthracene	410.	U
191-24-2-----	Benzo(g,h,i)perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000406

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(10-12)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0404	SAS No.:	SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-2PP(10-12)	
Sample wt/vol: 30.0 (g/mL)	G	Lab File ID: B1359	
Level: (low/med) LOW		Date Received: 05/25/04	
% Moisture: 21.	decanted: (Y/N) N	Date Extracted: 06/01/04	
Concentrated Extract Volume: 1000.0 (uL)		Date Analyzed: 06/03/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 8.0		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	420.	U
111-44-4-----bis(2-Chloroethyl) ether	420.	U
95-57-8-----2-Chlorophenol	420.	U
541-73-1-----1,3-Dichlorobenzene	420.	U
106-46-7-----1,4-Dichlorobenzene	420.	U
95-50-1-----1,2-Dichlorobenzene	420.	U
95-48-7-----2-Methylphenol	420.	U
108-60-1-----bis(2-chloroisopropyl) ether	420.	U
106-44-5-----4-Methylphenol	420.	U
621-64-7-----n-Nitroso-di-n-propylamine	420.	U
67-72-1-----Hexachloroethane	420.	U
98-95-3-----Nitrobenzene	420.	U
78-59-1-----Isophorone	420.	U
88-75-5-----2-Nitrophenol	420.	U
105-67-9-----2,4-Dimethylphenol	420.	U
111-91-1-----bis(2-Chloroethoxy) methane	420.	U
120-83-2-----2,4-Dichlorophenol	420.	U
120-82-1-----1,2,4-Trichlorobenzene	420.	U
91-20-3-----Naphthalene	420.	U
106-47-8-----4-Chloroaniline	420.	U
87-68-3-----Hexachlorobutadiene	420.	U
59-50-7-----4-Chloro-3-methylphenol	420.	U
91-57-6-----2-Methylnaphthalene	420.	U
77-47-4-----Hexachlorocyclopentadiene	420.	U
88-06-2-----2,4,6-Trichlorophenol	420.	U
95-95-4-----2,4,5-Trichlorophenol	420.	U
91-58-7-----2-Chloronaphthalene	420.	U
88-74-4-----2-Nitroaniline	2100.	U
131-11-3-----Dimethylphthalate	420.	U
208-96-8-----Acenaphthylene	420.	U
606-20-2-----2,6-Dinitrotoluene	420.	U
99-09-2-----3-Nitroaniline	2100.	U
83-32-9-----Acenaphthene	420.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(10-12)

Name: AES, Inc. Contract:
 L Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(10-12)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1359
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 21. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	2100.	U
100-02-7-----4-Nitrophenol	2100.	U
132-64-9-----Dibenzofuran	420.	U
121-14-2-----2,4-Dinitrotoluene	420.	U
84-66-2-----Diethylphthalate	420.	U
7005-72-3-----4-Chlorophenyl-phenylether	420.	U
86-73-7-----Fluorene	420.	U
100-01-6-----4-Nitroaniline	2100.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----n-Nitrosodiphenylamine	420.	U
101-55-3-----4-Bromophenyl-phenylether	420.	U
118-74-1-----Hexachlorobenzene	420.	U
87-86-5-----Pentachlorophenol	2100.	U
85-01-8-----Phenanthrene	420.	U
120-12-7-----Anthracene	420.	U
86-74-8-----Carbazole	420.	U
84-74-2-----Di-n-butylphthalate	420.	U
206-44-0-----Fluoranthene	420.	U
129-00-0-----Pyrene	420.	U
85-68-7-----Butylbenzylphthalate	420.	U
91-94-1-----3,3'-Dichlorobenzidine	840.	U
56-55-3-----Benzo(a)anthracene	420.	U
218-01-9-----Chrysene	420.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	470.	U
117-84-0-----Di-n-octylphthalate	420.	U
205-99-2-----Benzo(b)fluoranthene	420.	U
207-08-9-----Benzo(k)fluoranthene	420.	U
50-32-8-----Benzo(a)pyrene	420.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	420.	U
53-70-3-----Dibenzo(a,h)anthracene	420.	U
191-24-2-----Benzo(g,h,i)perylene	420.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000411

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(12-14)

Name: AES, Inc.	Contract:	
Code: AES	Case No.: HRP0404	SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-2PP(12-14)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1360
Level: (low/med) LOW		Date Received: 05/25/04
% Moisture: 24. decanted: (Y/N) N		Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL)		Date Analyzed: 06/03/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 7.3	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	440.	U
111-44-4-----bis(2-Chloroethyl)ether	440.	U
95-57-8-----2-Chlorophenol	440.	U
541-73-1-----1,3-Dichlorobenzene	440.	U
106-46-7-----1,4-Dichlorobenzene	440.	U
95-50-1-----1,2-Dichlorobenzene	440.	U
95-48-7-----2-Methylphenol	440.	U
108-60-1-----bis(2-chloroisopropyl) ether	440.	U
106-44-5-----4-Methylphenol	440.	U
621-64-7-----n-Nitroso-di-n-propylamine	440.	U
67-72-1-----Hexachloroethane	440.	U
98-95-3-----Nitrobenzene	440.	U
78-59-1-----Isophorone	440.	U
88-75-5-----2-Nitrophenol	440.	U
105-67-9-----2,4-Dimethylphenol	440.	U
111-91-1-----bis(2-Chloroethoxy)methane	440.	U
120-83-2-----2,4-Dichlorophenol	440.	U
120-82-1-----1,2,4-Trichlorobenzene	440.	U
91-20-3-----Naphthalene	440.	U
106-47-8-----4-Chloroaniline	440.	U
87-68-3-----Hexachlorobutadiene	440.	U
59-50-7-----4-Chloro-3-methylphenol	440.	U
91-57-6-----2-Methylnaphthalene	440.	U
77-47-4-----Hexachlorocyclopentadiene	440.	U
88-06-2-----2,4,6-Trichlorophenol	440.	U
95-95-4-----2,4,5-Trichlorophenol	440.	U
91-58-7-----2-Chloronaphthalene	440.	U
88-74-4-----2-Nitroaniline	2200.	U
131-11-3-----Dimethylphthalate	440.	U
208-96-8-----Acenaphthylene	440.	U
606-20-2-----2,6-Dinitrotoluene	440.	U
99-09-2-----3-Nitroaniline	2200.	U
83-32-9-----Acenaphthene	440.	U

FORM I SV-1

3/90

000415

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(12-14)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(12-14)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1360
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 24. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2200.	U
100-02-7-----	4-Nitrophenol	2200.	U
132-64-9-----	Dibenzofuran	440.	U
121-14-2-----	2,4-Dinitrotoluene	440.	U
84-66-2-----	Diethylphthalate	440.	U
7005-72-3-----	4-Chlorophenyl-phenylether	440.	U
86-73-7-----	Fluorene	440.	U
100-01-6-----	4-Nitroaniline	2200.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	n-Nitrosodiphenylamine	440.	U
101-55-3-----	4-Bromophenyl-phenylether	440.	U
118-74-1-----	Hexachlorobenzene	440.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	440.	U
120-12-7-----	Anthracene	440.	U
86-74-8-----	Carbazole	440.	U
84-74-2-----	Di-n-butylphthalate	440.	U
206-44-0-----	Fluoranthene	440.	U
129-00-0-----	Pyrene	440.	U
85-68-7-----	Butylbenzylphthalate	440.	U
91-94-1-----	3,3'-Dichlorobenzidine	880.	U
56-55-3-----	Benzo(a)anthracene	440.	U
218-01-9-----	Chrysene	440.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	450.	U
117-84-0-----	Di-n-octylphthalate	58.	U
205-99-2-----	Benzo(b)fluoranthene	440.	U
207-08-9-----	Benzo(k)fluoranthene	440.	U
50-32-8-----	Benzo(a)pyrene	440.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	440.	U
53-70-3-----	Dibenzo(a,h)anthracene	440.	U
191-24-2-----	Benzo(g,h,i)perylene	440.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000416

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(14-16)

Name: AES, Inc.	Contract:	SDG No.: NES-2PP(0-2)
Code: AES	Case No.: HRP0404 SAS No.:	Lab Sample ID: NES-2PP(14-16)
Matrix: (soil/water) SOIL		Lab File ID: B1361
Sample wt/vol: 30.0 (g/mL) G		Date Received: 05/25/04
Level: (low/med) LOW		Date Extracted: 06/01/04
% Moisture: 25. decanted: (Y/N) N		Date Analyzed: 06/03/04
Concentrated Extract Volume: 1000.0 (uL)		Dilution Factor: 1.0
Injection Volume: 2.0 (uL)		
GPC Cleanup: (Y/N) N	pH: 8.0	

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

108-95-2-----Phenol	440.	U
111-44-4-----bis(2-Chloroethyl) ether	440.	U
95-57-8-----2-Chlorophenol	440.	U
541-73-1-----1,3-Dichlorobenzene	440.	U
106-46-7-----1,4-Dichlorobenzene	440.	U
95-50-1-----1,2-Dichlorobenzene	440.	U
95-48-7-----2-Methylphenol	440.	U
108-60-1-----bis(2-chloroisopropyl) ether	440.	U
106-44-5-----4-Methylphenol	440.	U
621-64-7-----n-Nitroso-di-n-propylamine	440.	U
67-72-1-----Hexachloroethane	440.	U
98-95-3-----Nitrobenzene	440.	U
78-59-1-----Isophorone	440.	U
88-75-5-----2-Nitrophenol	440.	U
105-67-9-----2,4-Dimethylphenol	440.	U
111-91-1-----bis(2-Chloroethoxy) methane	440.	U
120-83-2-----2,4-Dichlorophenol	440.	U
120-82-1-----1,2,4-Trichlorobenzene	440.	U
91-20-3-----Naphthalene	440.	U
106-47-8-----4-Chloroaniline	440.	U
87-68-3-----Hexachlorobutadiene	440.	U
59-50-7-----4-Chloro-3-methylphenol	440.	U
91-57-6-----2-Methylnaphthalene	440.	U
77-47-4-----Hexachlorocyclopentadiene	440.	U
88-06-2-----2,4,6-Trichlorophenol	440.	U
95-95-4-----2,4,5-Trichlorophenol	440.	U
91-58-7-----2-Chloronaphthalene	440.	U
88-74-4-----2-Nitroaniline	2200.	U
131-11-3-----Dimethylphthalate	440.	U
208-96-8-----Acenaphthylene	440.	U
606-20-2-----2,6-Dinitrotoluene	440.	U
99-09-2-----3-Nitroaniline	2200.	U
83-32-9-----Acenaphthene	440.	U

FORM I SV-1

3/90

000420

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(14-16)

Name: AES, Inc. Contract: _____
 Code: AES Case No.: HRP0404 SAS No.: _____ SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-2PP(14-16)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1361
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 25. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2200.	U
100-02-7-----	4-Nitrophenol	2200.	U
132-64-9-----	Dibenzofuran	440.	U
121-14-2-----	2,4-Dinitrotoluene	440.	U
84-66-2-----	Diethylphthalate	440.	U
7005-72-3-----	4-Chlorophenyl-phenylether	440.	U
86-73-7-----	Fluorene	440.	U
100-01-6-----	4-Nitroaniline	2200.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	n-Nitrosodiphenylamine	440.	U
101-55-3-----	4-Bromophenyl-phenylether	440.	U
118-74-1-----	Hexachlorobenzene	440.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	440.	U
120-12-7-----	Anthracene	440.	U
86-74-8-----	Carbazole	440.	U
84-74-2-----	Di-n-butylphthalate	440.	U
206-44-0-----	Fluoranthene	440.	U
129-00-0-----	Pyrene	440.	U
85-68-7-----	Butylbenzylphthalate	440.	U
91-94-1-----	3,3'-Dichlorobenzidine	890.	U
56-55-3-----	Benzo(a)anthracene	440.	U
218-01-9-----	Chrysene	440.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	720.	U
117-84-0-----	Di-n-octylphthalate	440.	U
205-99-2-----	Benzo(b)fluoranthene	440.	U
207-08-9-----	Benzo(k)fluoranthene	440.	U
50-32-8-----	Benzo(a)pyrene	440.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	440.	U
53-70-3-----	Dibenzo(a,h)anthracene	440.	U
191-24-2-----	Benzo(g,h,i)perylene	440.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000421

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(0-2)

Name: AES, Inc.	Contract:	
Lab Code: AES	Case No.: HRP0404 SAS No.:	SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-3PP(0-2)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1362
Level: (low/med) LOW		Date Received: 05/25/04
% Moisture: 25. decanted: (Y/N) N		Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL)		Date Analyzed: 06/03/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 3.9	

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

108-95-2-----Phenol	440.	U
111-44-4-----bis(2-Chloroethyl)ether	440.	U
95-57-8-----2-Chlorophenol	440.	U
541-73-1-----1,3-Dichlorobenzene	440.	U
106-46-7-----1,4-Dichlorobenzene	440.	U
95-50-1-----1,2-Dichlorobenzene	440.	U
95-48-7-----2-Methylphenol	440.	U
108-60-1-----bis(2-chloroisopropyl) ether	440.	U
106-44-5-----4-Methylphenol	440.	U
621-64-7-----n-Nitroso-di-n-propylamine	440.	U
67-72-1-----Hexachloroethane	440.	U
98-95-3-----Nitrobenzene	440.	U
78-59-1-----Isophorone	440.	U
88-75-5-----2-Nitrophenol	440.	U
105-67-9-----2,4-Dimethylphenol	440.	U
111-91-1-----bis(2-Chloroethoxy)methane	440.	U
120-83-2-----2,4-Dichlorophenol	440.	U
120-82-1-----1,2,4-Trichlorobenzene	440.	U
91-20-3-----Naphthalene	440.	U
106-47-8-----4-Chloroaniline	440.	U
87-68-3-----Hexachlorobutadiene	440.	U
59-50-7-----4-Chloro-3-methylphenol	440.	U
91-57-6-----2-Methylnaphthalene	440.	U
77-47-4-----Hexachlorocyclopentadiene	440.	U
88-06-2-----2,4,6-Trichlorophenol	440.	U
95-95-4-----2,4,5-Trichlorophenol	440.	U
91-58-7-----2-Chloronaphthalene	440.	U
88-74-4-----2-Nitroaniline	2200.	U
131-11-3-----Dimethylphthalate	440.	U
208-96-8-----Acenaphthylene	440.	U
606-20-2-----2,6-Dinitrotoluene	440.	U
99-09-2-----3-Nitroaniline	2200.	U
83-32-9-----Acenaphthene	440.	U

FORM I SV-1

3/90

000425

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(0-2)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1362
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 25. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 3.9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2200.	U
100-02-7-----	4-Nitrophenol	2200.	U
132-64-9-----	Dibenzofuran	440.	U
121-14-2-----	2,4-Dinitrotoluene	440.	U
84-66-2-----	Diethylphthalate	440.	U
7005-72-3-----	4-Chlorophenyl-phenylether	440.	U
86-73-7-----	Fluorene	440.	U
100-01-6-----	4-Nitroaniline	2200.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	n-Nitrosodiphenylamine	440.	U
101-55-3-----	4-Bromophenyl-phenylether	440.	U
118-74-1-----	Hexachlorobenzene	440.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	440.	U
120-12-7-----	Anthracene	440.	U
86-74-8-----	Carbazole	440.	U
84-74-2-----	Di-n-butylphthalate	440.	U
206-44-0-----	Fluoranthene	440.	U
129-00-0-----	Pyrene	440.	U
85-68-7-----	Butylbenzylphthalate	440.	U
91-94-1-----	3,3'-Dichlorobenzidine	890.	U
56-55-3-----	Benzo(a)anthracene	440.	U
218-01-9-----	Chrysene	440.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	620.	U
117-84-0-----	Di-n-octylphthalate	440.	U
205-99-2-----	Benzo(b)fluoranthene	440.	U
207-08-9-----	Benzo(k)fluoranthene	440.	U
50-32-8-----	Benzo(a)pyrene	440.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	440.	U
53-70-3-----	Dibenzo(a,h)anthracene	440.	U
191-24-2-----	Benzo(g,h,i)perylene	440.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000426

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(2-4)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(2-4)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1363
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 20. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	420.	U
111-44-4-----	bis(2-Chloroethyl) ether	420.	U
95-57-8-----	2-Chlorophenol	420.	U
541-73-1-----	1,3-Dichlorobenzene	420.	U
106-46-7-----	1,4-Dichlorobenzene	420.	U
95-50-1-----	1,2-Dichlorobenzene	420.	U
95-48-7-----	2-Methylphenol	420.	U
108-60-1-----	bis(2-chloroisopropyl) ether	420.	U
106-44-5-----	4-Methylphenol	420.	U
621-64-7-----	n-Nitroso-di-n-propylamine	420.	U
67-72-1-----	Hexachloroethane	420.	U
98-95-3-----	Nitrobenzene	420.	U
78-59-1-----	Isophorone	420.	U
88-75-5-----	2-Nitrophenol	420.	U
105-67-9-----	2,4-Dimethylphenol	420.	U
111-91-1-----	bis(2-Chloroethoxy)methane	420.	U
120-83-2-----	2,4-Dichlorophenol	420.	U
120-82-1-----	1,2,4-Trichlorobenzene	420.	U
91-20-3-----	Naphthalene	420.	U
106-47-8-----	4-Chloroaniline	420.	U
87-68-3-----	Hexachlorobutadiene	420.	U
59-50-7-----	4-Chloro-3-methylphenol	420.	U
91-57-6-----	2-Methylnaphthalene	420.	U
77-47-4-----	Hexachlorocyclopentadiene	420.	U
88-06-2-----	2,4,6-Trichlorophenol	420.	U
95-95-4-----	2,4,5-Trichlorophenol	420.	U
91-58-7-----	2-Chloronaphthalene	420.	U
88-74-4-----	2-Nitroaniline	2100.	U
131-11-3-----	Dimethylphthalate	420.	U
208-96-8-----	Acenaphthylene	420.	U
606-20-2-----	2,6-Dinitrotoluene	420.	U
99-09-2-----	3-Nitroaniline	2100.	U
83-32-9-----	Acenaphthene	420.	U

FORM I SV-1

3/90

000430

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(2-4)

Name: AES, Inc.	Contract:	SDG No.: NES-2PP(0-2)
Code: AES	Case No.: HRP0404	SAS No.:
Matrix: (soil/water) SOIL		Lab Sample ID: NES-3PP(2-4)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1363
Level: (low/med) LOW		Date Received: 05/25/04
% Moisture: 20. decanted: (Y/N) N		Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL)		Date Analyzed: 06/03/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 6.9	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

51-28-5-----2,4-Dinitrophenol	2100.	U
100-02-7-----4-Nitrophenol	2100.	U
132-64-9-----Dibenzofuran	420.	U
121-14-2-----2,4-Dinitrotoluene	420.	U
84-66-2-----Diethylphthalate	420.	U
7005-72-3-----4-Chlorophenyl-phenylether	420.	U
86-73-7-----Fluorene	420.	U
100-01-6-----4-Nitroaniline	2100.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----n-Nitrosodiphenylamine	420.	U
101-55-3-----4-Bromophenyl-phenylether	420.	U
118-74-1-----Hexachlorobenzene	420.	U
87-86-5-----Pentachlorophenol	2100.	U
85-01-8-----Phenanthrene	420.	U
120-12-7-----Anthracene	420.	U
86-74-8-----Carbazole	420.	U
84-74-2-----Di-n-butylphthalate	420.	U
206-44-0-----Fluoranthene	420.	U
129-00-0-----Pyrene	420.	U
85-68-7-----Butylbenzylphthalate	420.	U
91-94-1-----3,3'-Dichlorobenzidine	830.	U
56-55-3-----Benzo(a)anthracene	420.	U
218-01-9-----Chrysene	420.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	1000.	U
117-84-0-----Di-n-octylphthalate	420.	U
205-99-2-----Benzo(b)fluoranthene	420.	U
207-08-9-----Benzo(k)fluoranthene	420.	U
50-32-8-----Benzo(a)pyrene	420.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	420.	U
53-70-3-----Dibenzo(a,h)anthracene	420.	U
191-24-2-----Benzo(g,h,i)perylene	420.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000431

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(4-6)

Name: AES, Inc. Contract: _____
 Code: AES Case No.: HRP0404 SAS No.: _____ SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(4-6)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1364
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 17. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	400.	U
111-44-4-----	bis(2-Chloroethyl)ether	400.	U
95-57-8-----	2-Chlorophenol	400.	U
541-73-1-----	1,3-Dichlorobenzene	400.	U
106-46-7-----	1,4-Dichlorobenzene	400.	U
95-50-1-----	1,2-Dichlorobenzene	400.	U
95-48-7-----	2-Methylphenol	400.	U
108-60-1-----	bis(2-chloroisopropyl)ether	400.	U
106-44-5-----	4-Methylphenol	400.	U
621-64-7-----	n-Nitroso-di-n-propylamine	400.	U
67-72-1-----	Hexachloroethane	400.	U
98-95-3-----	Nitrobenzene	400.	U
78-59-1-----	Isophorone	400.	U
88-75-5-----	2-Nitrophenol	400.	U
105-67-9-----	2,4-Dimethylphenol	400.	U
111-91-1-----	bis(2-Chloroethoxy)methane	400.	U
120-83-2-----	2,4-Dichlorophenol	400.	U
120-82-1-----	1,2,4-Trichlorobenzene	400.	U
91-20-3-----	Naphthalene	400.	U
106-47-8-----	4-Chloroaniline	400.	U
87-68-3-----	Hexachlorobutadiene	400.	U
59-50-7-----	4-Chloro-3-methylphenol	400.	U
91-57-6-----	2-Methylnaphthalene	400.	U
77-47-4-----	Hexachlorocyclopentadiene	400.	U
88-06-2-----	2,4,6-Trichlorophenol	400.	U
95-95-4-----	2,4,5-Trichlorophenol	400.	U
91-58-7-----	2-Chloronaphthalene	400.	U
88-74-4-----	2-Nitroaniline	2000.	U
131-11-3-----	Dimethylphthalate	400.	U
208-96-8-----	Acenaphthylene	400.	U
606-20-2-----	2,6-Dinitrotoluene	400.	U
99-09-2-----	3-Nitroaniline	2000.	U
83-32-9-----	Acenaphthene	400.	U

FORM I SV-1

3/90

000435

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(4-6)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(4-6)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1364
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 17. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.7

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2000.	U
100-02-7-----	4-Nitrophenol	2000.	U
132-64-9-----	Dibenzofuran	400.	U
121-14-2-----	2,4-Dinitrotoluene	400.	U
84-66-2-----	Diethylphthalate	400.	U
7005-72-3-----	4-Chlorophenyl-phenylether	400.	U
86-73-7-----	Fluorene	400.	U
100-01-6-----	4-Nitroaniline	2000.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----	n-Nitrosodiphenylamine	400.	U
101-55-3-----	4-Bromophenyl-phenylether	400.	U
118-74-1-----	Hexachlorobenzene	400.	U
87-86-5-----	Pentachlorophenol	2000.	U
85-01-8-----	Phenanthrene	400.	U
120-12-7-----	Anthracene	400.	U
86-74-8-----	Carbazole	400.	U
84-74-2-----	Di-n-butylphthalate	400.	U
206-44-0-----	Fluoranthene	400.	U
129-00-0-----	Pyrene	400.	U
85-68-7-----	Butylbenzylphthalate	400.	U
91-94-1-----	3,3'-Dichlorobenzidine	800.	U
56-55-3-----	Benzo(a)anthracene	400.	U
218-01-9-----	Chrysene	400.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	400-330.	U
117-84-0-----	Di-n-octylphthalate	400.	U
205-99-2-----	Benzo(b)fluoranthene	400.	U
207-08-9-----	Benzo(k)fluoranthene	400.	U
50-32-8-----	Benzo(a)pyrene	400.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	400.	U
53-70-3-----	Dibenzo(a,h)anthracene	400.	U
191-24-2-----	Benzo(g,h,i)perylene	400.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000436

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(6-8)

Name: AES, Inc.	Contract:	SDG No.: NES-2PP(0-2)
Code: AES	Case No.: HRP0404 SAS No.:	
Matrix: (soil/water) SOIL	Lab Sample ID: NES-3PP(6-8)	
Sample wt/vol: 30.0 (g/mL) G	Lab File ID: B1365	
Level: (low/med) LOW	Date Received: 05/25/04	
% Moisture: 21. decanted: (Y/N) N	Date Extracted: 06/01/04	
Concentrated Extract Volume: 1000.0 (uL)	Date Analyzed: 06/03/04	
Injection Volume: 2.0 (uL)	Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 5.6	

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

108-95-2-----Phenol	420.	U
111-44-4-----bis(2-Chloroethyl) ether	420.	U
95-57-8-----2-Chlorophenol	420.	U
541-73-1-----1,3-Dichlorobenzene	420.	U
106-46-7-----1,4-Dichlorobenzene	420.	U
95-50-1-----1,2-Dichlorobenzene	420.	U
95-48-7-----2-Methylphenol	420.	U
108-60-1-----bis(2-chloroisopropyl) ether	420.	U
106-44-5-----4-Methylphenol	420.	U
621-64-7-----n-Nitroso-di-n-propylamine	420.	U
67-72-1-----Hexachloroethane	420.	U
98-95-3-----Nitrobenzene	420.	U
78-59-1-----Isophorone	420.	U
88-75-5-----2-Nitrophenol	420.	U
105-67-9-----2,4-Dimethylphenol	420.	U
111-91-1-----bis(2-Chloroethoxy) methane	420.	U
120-83-2-----2,4-Dichlorophenol	420.	U
120-82-1-----1,2,4-Trichlorobenzene	420.	U
91-20-3-----Naphthalene	420.	U
106-47-8-----4-Chloroaniline	420.	U
87-68-3-----Hexachlorobutadiene	420.	U
59-50-7-----4-Chloro-3-methylphenol	420.	U
91-57-6-----2-Methylnaphthalene	420.	U
77-47-4-----Hexachlorocyclopentadiene	420.	U
88-06-2-----2,4,6-Trichlorophenol	420.	U
95-95-4-----2,4,5-Trichlorophenol	420.	U
91-58-7-----2-Chloronaphthalene	420.	U
88-74-4-----2-Nitroaniline	2100.	U
131-11-3-----Dimethylphthalate	420.	U
208-96-8-----Acenaphthylene	420.	U
606-20-2-----2,6-Dinitrotoluene	420.	U
99-09-2-----3-Nitroaniline	2100.	U
83-32-9-----Acenaphthene	420.	U

FORM I SV-1

3/90

000440

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(6-8)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(6-8)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1365
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 21. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/03/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5.6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----2,4-Dinitrophenol	2100.	U
100-02-7-----4-Nitrophenol	2100.	U
132-64-9-----Dibenzofuran	420.	U
121-14-2-----2,4-Dinitrotoluene	420.	U
84-66-2-----Diethylphthalate	420.	U
7005-72-3-----4-Chlorophenyl-phenylether	420.	U
86-73-7-----Fluorene	420.	U
100-01-6-----4-Nitroaniline	2100.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----n-Nitrosodiphenylamine	420.	U
101-55-3-----4-Bromophenyl-phenylether	420.	U
118-74-1-----Hexachlorobenzene	420.	U
87-86-5-----Pentachlorophenol	2100.	U
85-01-8-----Phenanthrene	420.	U
120-12-7-----Anthracene	420.	U
86-74-8-----Carbazole	420.	U
84-74-2-----Di-n-butylphthalate	420.	U
206-44-0-----Fluoranthene	420.	U
129-00-0-----Pyrene	420.	U
85-68-7-----Butylbenzylphthalate	420.	U
91-94-1-----3,3'-Dichlorobenzidine	840.	U
56-55-3-----Benzo(a)anthracene	420.	U
218-01-9-----Chrysene	420.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	600.	U
117-84-0-----Di-n-octylphthalate	420.	U
205-99-2-----Benzo(b)fluoranthene	420.	U
207-08-9-----Benzo(k)fluoranthene	420.	U
50-32-8-----Benzo(a)pyrene	420.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	420.	U
53-70-3-----Dibenzo(a,h)anthracene	420.	U
191-24-2-----Benzo(g,h,i)perylene	420.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000441

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(8-10)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0404 SAS No.: _____ SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(8-10)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1366
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 18. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/04/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	410.	U
111-44-4-----	bis(2-Chloroethyl)ether	410.	U
95-57-8-----	2-Chlorophenol	410.	U
541-73-1-----	1,3-Dichlorobenzene	410.	U
106-46-7-----	1,4-Dichlorobenzene	410.	U
95-50-1-----	1,2-Dichlorobenzene	410.	U
95-48-7-----	2-Methylphenol	410.	U
108-60-1-----	bis(2-chloroisopropyl)ether	410.	U
106-44-5-----	4-Methylphenol	410.	U
621-64-7-----	n-Nitroso-di-n-propylamine	410.	U
67-72-1-----	Hexachloroethane	410.	U
98-95-3-----	Nitrobenzene	410.	U
78-59-1-----	Isophorone	410.	U
88-75-5-----	2-Nitrophenol	410.	U
105-67-9-----	2,4-Dimethylphenol	410.	U
111-91-1-----	bis(2-Chloroethoxy)methane	410.	U
120-83-2-----	2,4-Dichlorophenol	410.	U
120-82-1-----	1,2,4-Trichlorobenzene	410.	U
91-20-3-----	Naphthalene	410.	U
106-47-8-----	4-Chloroaniline	410.	U
87-68-3-----	Hexachlorobutadiene	410.	U
59-50-7-----	4-Chloro-3-methylphenol	410.	U
91-57-6-----	2-Methylnaphthalene	410.	U
77-47-4-----	Hexachlorocyclopentadiene	410.	U
88-06-2-----	2,4,6-Trichlorophenol	410.	U
95-95-4-----	2,4,5-Trichlorophenol	410.	U
91-58-7-----	2-Chloronaphthalene	410.	U
88-74-4-----	2-Nitroaniline	2000.	U
131-11-3-----	Dimethylphthalate	410.	U
208-96-8-----	Acenaphthylene	410.	U
606-20-2-----	2,6-Dinitrotoluene	410.	U
99-09-2-----	3-Nitroaniline	2000.	U
83-32-9-----	Acenaphthene	410.	U

FORM I SV-1

3/90

000445

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1366
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 18. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/04/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----2,4-Dinitrophenol	2000.	U
100-02-7-----4-Nitrophenol	2000.	U
132-64-9-----Dibenzofuran	410.	U
121-14-2-----2,4-Dinitrotoluene	410.	U
84-66-2-----Diethylphthalate	410.	U
7005-72-3-----4-Chlorophenyl-phenylether	410.	U
86-73-7-----Fluorene	410.	U
100-01-6-----4-Nitroaniline	2000.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----n-Nitrosodiphenylamine	410.	U
101-55-3-----4-Bromophenyl-phenylether	410.	U
118-74-1-----Hexachlorobenzene	410.	U
87-86-5-----Pentachlorophenol	2000.	U
85-01-8-----Phenanthrene	410.	U
120-12-7-----Anthracene	410.	U
86-74-8-----Carbazole	410.	U
84-74-2-----Di-n-butylphthalate	410.	U
206-44-0-----Fluoranthene	410.	U
129-00-0-----Pyrene	410.	U
85-68-7-----Butylbenzylphthalate	410.	U
91-94-1-----3,3'-Dichlorobenzidine	810.	U
56-55-3-----Benzo(a)anthracene	410.	U
218-01-9-----Chrysene	410.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	550.	U
117-84-0-----Di-n-octylphthalate	410.	U
205-99-2-----Benzo(b)fluoranthene	410.	U
207-08-9-----Benzo(k)fluoranthene	410.	U
50-32-8-----Benzo(a)pyrene	410.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	410.	U
53-70-3-----Dibenzo(a,h)anthracene	410.	U
191-24-2-----Benzo(g,h,i)perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000446

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(10-12)

Name: AES, Inc.	Contract:	SDG No.: NES-2PP(0-2)
Lab Code: AES	Case No.: HRP0404	SAS No.:
Matrix: (soil/water) SOIL	Lab Sample ID: NES-3PP(10-12)	
Sample wt/vol: 30.0 (g/mL) G	Lab File ID: B1376	
Level: (low/med) LOW	Date Received: 05/25/04	
% Moisture: 28. decanted: (Y/N) N	Date Extracted: 06/01/04	
Concentrated Extract Volume: 1000.0 (uL)	Date Analyzed: 06/04/04	
Injection Volume: 2.0 (uL)	Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 5.4	

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

108-95-2-----Phenol	460.	U
111-44-4-----bis(2-Chloroethyl) ether	460.	U
95-57-8-----2-Chlorophenol	460.	U
541-73-1-----1,3-Dichlorobenzene	460.	U
106-46-7-----1,4-Dichlorobenzene	460.	U
95-50-1-----1,2-Dichlorobenzene	460.	U
95-48-7-----2-Methylphenol	460.	U
108-60-1-----bis(2-chloroisopropyl) ether	460.	U
106-44-5-----4-Methylphenol	460.	U
621-64-7-----n-Nitroso-di-n-propylamine	460.	U
67-72-1-----Hexachloroethane	460.	U
98-95-3-----Nitrobenzene	460.	U
78-59-1-----Isophorone	460.	U
88-75-5-----2-Nitrophenol	460.	U
105-67-9-----2,4-Dimethylphenol	460.	U
111-91-1-----bis(2-Chloroethoxy) methane	460.	U
120-83-2-----2,4-Dichlorophenol	460.	U
120-82-1-----1,2,4-Trichlorobenzene	460.	U
91-20-3-----Naphthalene	460.	U
106-47-8-----4-Chloroaniline	460.	U
87-68-3-----Hexachlorobutadiene	460.	U
59-50-7-----4-Chloro-3-methylphenol	460.	U
91-57-6-----2-Methylnaphthalene	460.	U
77-47-4-----Hexachlorocyclopentadiene	460.	U
88-06-2-----2,4,6-Trichlorophenol	460.	U
95-95-4-----2,4,5-Trichlorophenol	460.	U
91-58-7-----2-Chloronaphthalene	460.	U
88-74-4-----2-Nitroaniline	2300.	U
131-11-3-----Dimethylphthalate	460.	U
208-96-8-----Acenaphthylene	460.	U
606-20-2-----2,6-Dinitrotoluene	460.	U
99-09-2-----3-Nitroaniline	2300.	U
83-32-9-----Acenaphthene	460.	U

FORM I SV-1

3/90

000450

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(10-12)

Name: AES, Inc.	Contract:	
Lab Code: AES	Case No.: HRP0404 SAS No.:	SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-3PP(10-12)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1376
Level: (low/med) LOW		Date Received: 05/25/04
% Moisture: 28. decanted: (Y/N) N		Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL)		Date Analyzed: 06/04/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 5.4	

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2300.	U
100-02-7-----	4-Nitrophenol	2300.	U
132-64-9-----	Dibenzofuran	460.	U
121-14-2-----	2,4-Dinitrotoluene	460.	U
84-66-2-----	Diethylphthalate	460.	U
7005-72-3-----	4-Chlorophenyl-phenylether	460.	U
86-73-7-----	Fluorene	460.	U
100-01-6-----	4-Nitroaniline	2300.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2300.	U
86-30-6-----	n-Nitrosodiphenylamine	460.	U
101-55-3-----	4-Bromophenyl-phenylether	460.	U
118-74-1-----	Hexachlorobenzene	460.	U
87-86-5-----	Pentachlorophenol	2300.	U
85-01-8-----	Phenanthrene	460.	U
120-12-7-----	Anthracene	460.	U
86-74-8-----	Carbazole	460.	U
84-74-2-----	Di-n-butylphthalate	460.	U
206-44-0-----	Fluoranthene	460.	U
129-00-0-----	Pyrene	460.	U
85-68-7-----	Butylbenzylphthalate	460.	U
91-94-1-----	3,3'-Dichlorobenzidine	930.	U
56-55-3-----	Benzo(a)anthracene	460.	U
218-01-9-----	Chrysene	460.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	840.	U
117-84-0-----	Di-n-octylphthalate	460.	U
205-99-2-----	Benzo(b)fluoranthene	460.	U
207-08-9-----	Benzo(k)fluoranthene	460.	U
50-32-8-----	Benzo(a)pyrene	460.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	460.	U
53-70-3-----	Dibenzo(a,h)anthracene	460.	U
191-24-2-----	Benzo(g,h,i)perylene	460.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

C00451

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(12-14)

Name: AES, Inc.	Contract:	SDG No.: NES-2PP(0-2)
Code: AES	Case No.: HRP0404 SAS No.:	
Matrix: (soil/water) SOIL	Lab Sample ID: NES-3PP(12-14)	
Sample wt/vol: 30.0 (g/mL) G	Lab File ID: B1377	
Level: (low/med) LOW	Date Received: 05/25/04	
% Moisture: 19. decanted: (Y/N) N	Date Extracted: 06/01/04	
Concentrated Extract Volume: 1000.0 (uL)	Date Analyzed: 06/04/04	
Injection Volume: 2.0 (uL)	Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 5.8	

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	410.	U
111-44-4-----	bis(2-Chloroethyl) ether	410.	U
95-57-8-----	2-Chlorophenol	410.	U
541-73-1-----	1,3-Dichlorobenzene	410.	U
106-46-7-----	1,4-Dichlorobenzene	410.	U
95-50-1-----	1,2-Dichlorobenzene	410.	U
95-48-7-----	2-Methylphenol	410.	U
108-60-1-----	bis(2-chloroisopropyl) ether	410.	U
106-44-5-----	4-Methylphenol	410.	U
621-64-7-----	n-Nitroso-di-n-propylamine	410.	U
67-72-1-----	Hexachloroethane	410.	U
98-95-3-----	Nitrobenzene	410.	U
78-59-1-----	Isophorone	410.	U
88-75-5-----	2-Nitrophenol	410.	U
105-67-9-----	2,4-Dimethylphenol	410.	U
111-91-1-----	bis(2-Chloroethoxy)methane	410.	U
120-83-2-----	2,4-Dichlorophenol	410.	U
120-82-1-----	1,2,4-Trichlorobenzene	410.	U
91-20-3-----	Naphthalene	410.	U
106-47-8-----	4-Chloroaniline	410.	U
87-68-3-----	Hexachlorobutadiene	410.	U
59-50-7-----	4-Chloro-3-methylphenol	410.	U
91-57-6-----	2-Methylnaphthalene	410.	U
77-47-4-----	Hexachlorocyclopentadiene	410.	U
88-06-2-----	2,4,6-Trichlorophenol	410.	U
95-95-4-----	2,4,5-Trichlorophenol	410.	U
91-58-7-----	2-Chloronaphthalene	410.	U
88-74-4-----	2-Nitroaniline	2100.	U
131-11-3-----	Dimethylphthalate	410.	U
208-96-8-----	Acenaphthylene	410.	U
606-20-2-----	2,6-Dinitrotoluene	410.	U
99-09-2-----	3-Nitroaniline	2100.	U
83-32-9-----	Acenaphthene	410.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(12-14)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(12-14)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1377
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 19. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/04/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 5.8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	410.	U
121-14-2-----	2,4-Dinitrotoluene	410.	U
84-66-2-----	Diethylphthalate	410.	U
7005-72-3-----	4-Chlorophenyl-phenylether	410.	U
86-73-7-----	Fluorene	410.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	410.	U
101-55-3-----	4-Bromophenyl-phenylether	410.	U
118-74-1-----	Hexachlorobenzene	410.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	410.	U
120-12-7-----	Anthracene	410.	U
86-74-8-----	Carbazole	410.	U
84-74-2-----	Di-n-butylphthalate	410.	U
206-44-0-----	Fluoranthene	410.	U
129-00-0-----	Pyrene	410.	U
85-68-7-----	Butylbenzylphthalate	410.	U
91-94-1-----	3,3'-Dichlorobenzidine	820.	U
56-55-3-----	Benzo(a)anthracene	410.	U
218-01-9-----	Chrysene	410.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	620.	U
117-84-0-----	Di-n-octylphthalate	410.	U
205-99-2-----	Benzo(b)fluoranthene	410.	U
207-08-9-----	Benzo(k)fluoranthene	410.	U
50-32-8-----	Benzo(a)pyrene	410.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	410.	U
53-70-3-----	Dibenzo(a,h)anthracene	410.	U
191-24-2-----	Benzo(g,h,i)perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000456

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(14-16)

Name: AES, Inc.	Contract:	
Code: AES	Case No.: HRP0404	SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-3PP(14-16)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1378
Level: (low/med) LOW		Date Received: 05/25/04
% Moisture: 21. decanted: (Y/N) N		Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL)		Date Analyzed: 06/04/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 7.1	

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

108-95-2-----Phenol	420.	U	✓
111-44-4-----bis (2-Chloroethyl) ether	420.	U	
95-57-8-----2-Chlorophenol	420.	U	
541-73-1-----1,3-Dichlorobenzene	420.	U	
106-46-7-----1,4-Dichlorobenzene	420.	U	
95-50-1-----1,2-Dichlorobenzene	420.	U	
95-48-7-----2-Methylphenol	420.	U	
108-60-1-----bis (2-chloroisopropyl) ether	420.	U	
106-44-5-----4-Methylphenol	420.	U	
621-64-7-----n-Nitroso-di-n-propylamine	420.	U	U
67-72-1-----Hexachloroethane	420.	U	
98-95-3-----Nitrobenzene	420.	U	
78-59-1-----Isophorone	420.	U	
88-75-5-----2-Nitrophenol	420.	U	
105-67-9-----2,4-Dimethylphenol	420.	U	
111-91-1-----bis (2-Chloroethoxy) methane	420.	U	
120-83-2-----2,4-Dichlorophenol	420.	U	
120-82-1-----1,2,4-Trichlorobenzene	420.	U	
91-20-3-----Naphthalene	420.	U	
106-47-8-----4-Chloroaniline	420.	U	
87-68-3-----Hexachlorobutadiene	420.	U	
59-50-7-----4-Chloro-3-methylphenol	420.	U	
91-57-6-----2-Methylnaphthalene	420.	U	
77-47-4-----Hexachlorocyclopentadiene	420.	U	
88-06-2-----2,4,6-Trichlorophenol	420.	U	
95-95-4-----2,4,5-Trichlorophenol	420.	U	
91-58-7-----2-Chloronaphthalene	420.	U	
88-74-4-----2-Nitroaniline	2100.	U	
131-11-3-----Dimethylphthalate	420.	U	
208-96-8-----Acenaphthylene	420.	U	
606-20-2-----2,6-Dinitrotoluene	420.	U	
99-09-2-----3-Nitroaniline	2100.	U	
83-32-9-----Acenaphthene	420.	U	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(14-16)

Name: AES, Inc. Contract: _____
 Code: AES Case No.: HRP0404 SAS No.: _____ SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-3PP(14-16)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1378
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 21. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/04/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	420.	U
121-14-2-----	2,4-Dinitrotoluene	420.	U
84-66-2-----	Diethylphthalate	420.	U
7005-72-3-----	4-Chlorophenyl-phenylether	420.	U
86-73-7-----	Fluorene	420.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	420.	U
101-55-3-----	4-Bromophenyl-phenylether	420.	U
118-74-1-----	Hexachlorobenzene	420.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	420.	U
120-12-7-----	Anthracene	420.	U
86-74-8-----	Carbazole	420.	U
84-74-2-----	Di-n-butylphthalate	420.	U
206-44-0-----	Fluoranthene	420.	U
129-00-0-----	Pyrene	420.	U
85-68-7-----	Butylbenzylphthalate	420.	U
91-94-1-----	3,3'-Dichlorobenzidine	840.	U
56-55-3-----	Benzo(a)anthracene	420.	U
218-01-9-----	Chrysene	420.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	760.	U
117-84-0-----	Di-n-octylphthalate	420.	U
205-99-2-----	Benzo(b)fluoranthene	420.	U
207-08-9-----	Benzo(k)fluoranthene	420.	U
50-32-8-----	Benzo(a)pyrene	420.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	420.	U
53-70-3-----	Dibenzo(a,h)anthracene	420.	U
191-24-2-----	Benzo(g,h,i)perylene	420.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000461

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(0-2)

Name: AES, Inc.	Contract:	
Code: AES	Case No.: HRP0404 SAS No.:	SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-4PP(0-2)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1379
Level: (low/med) LOW		Date Received: 05/25/04
% Moisture: 18. decanted: (Y/N) N		Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL)		Date Analyzed: 06/04/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 7.9	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	410.	U
111-44-4-----bis(2-Chloroethyl)ether	410.	U
95-57-8-----2-Chlorophenol	410.	U
541-73-1-----1,3-Dichlorobenzene	410.	U
106-46-7-----1,4-Dichlorobenzene	410.	U
95-50-1-----1,2-Dichlorobenzene	410.	U
95-48-7-----2-Methylphenol	410.	U
108-60-1-----bis(2-chloroisopropyl) ether	410.	U
106-44-5-----4-Methylphenol	410.	U
621-64-7-----n-Nitroso-di-n-propylamine	410.	U
67-72-1-----Hexachloroethane	410.	U
98-95-3-----Nitrobenzene	410.	U
78-59-1-----Isophorone	410.	U
88-75-5-----2-Nitrophenol	410.	U
105-67-9-----2,4-Dimethylphenol	410.	U
111-91-1-----bis(2-Chloroethoxy)methane	410.	U
120-83-2-----2,4-Dichlorophenol	410.	U
120-82-1-----1,2,4-Trichlorobenzene	410.	U
91-20-3-----Naphthalene	410.	U
106-47-8-----4-Chloroaniline	410.	U
87-68-3-----Hexachlorobutadiene	410.	U
59-50-7-----4-Chloro-3-methylphenol	410.	U
91-57-6-----2-Methylnaphthalene	410.	U
77-47-4-----Hexachlorocyclopentadiene	410.	U
88-06-2-----2,4,6-Trichlorophenol	410.	U
95-95-4-----2,4,5-Trichlorophenol	410.	U
91-58-7-----2-Chloronaphthalene	410.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	410.	U
208-96-8-----Acenaphthylene	410.	U
606-20-2-----2,6-Dinitrotoluene	410.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	410.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(0-2)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0404 SAS No.: _____ SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(0-2)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1379
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 18. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/04/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2000.	U
100-02-7-----	4-Nitrophenol	2000.	U
132-64-9-----	Dibenzofuran	410.	U
121-14-2-----	2,4-Dinitrotoluene	410.	U
84-66-2-----	Diethylphthalate	410.	U
7005-72-3-----	4-Chlorophenyl-phenylether	410.	U
86-73-7-----	Fluorene	410.	U
100-01-6-----	4-Nitroaniline	2000.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----	n-Nitrosodiphenylamine	410.	U
101-55-3-----	4-Bromophenyl-phenylether	410.	U
118-74-1-----	Hexachlorobenzene	410.	U
87-86-5-----	Pentachlorophenol	2000.	U
85-01-8-----	Phenanthrene	410.	U
120-12-7-----	Anthracene	410.	U
86-74-8-----	Carbazole	410.	U
84-74-2-----	Di-n-butylphthalate	410.	U
206-44-0-----	Fluoranthene	410.	U
129-00-0-----	Pyrene	410.	U
85-68-7-----	Butylbenzylphthalate	410.	U
91-94-1-----	3,3'-Dichlorobenzidine	810.	U
56-55-3-----	Benzo(a)anthracene	410.	U
218-01-9-----	Chrysene	410.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	1100.	U
117-84-0-----	Di-n-octylphthalate	410.	U
205-99-2-----	Benzo(b)fluoranthene	410.	U
207-08-9-----	Benzo(k)fluoranthene	410.	U
50-32-8-----	Benzo(a)pyrene	410.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	410.	U
53-70-3-----	Dibenzo(a,h)anthracene	410.	U
191-24-2-----	Benzo(g,h,i)perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000466

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(2-4)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0404 SAS No.: _____ SDG No.: NES-2PP(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(2-4)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1380
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 19. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/04/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.9

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	410.	U	✓
111-44-4-----	bis(2-Chloroethyl) ether	410.	U	
95-57-8-----	2-Chlorophenol	410.	U	
541-73-1-----	1,3-Dichlorobenzene	410.	U	
106-46-7-----	1,4-Dichlorobenzene	410.	U	
95-50-1-----	1,2-Dichlorobenzene	410.	U	
95-48-7-----	2-Methylphenol	410.	U	
108-60-1-----	bis(2-chloroisopropyl) ether	410.	U	
106-44-5-----	4-Methylphenol	410.	U	
621-64-7-----	n-Nitroso-di-n-propylamine	410.	U	WJ
67-72-1-----	Hexachloroethane	410.	U	
98-95-3-----	Nitrobenzene	410.	U	
78-59-1-----	Isophorone	410.	U	
88-75-5-----	2-Nitrophenol	410.	U	
105-67-9-----	2,4-Dimethylphenol	410.	U	
111-91-1-----	bis(2-Chloroethoxy) methane	410.	U	
120-83-2-----	2,4-Dichlorophenol	410.	U	
120-82-1-----	1,2,4-Trichlorobenzene	410.	U	
91-20-3-----	Naphthalene	410.	U	
106-47-8-----	4-Chloroaniline	410.	U	
87-68-3-----	Hexachlorobutadiene	410.	U	
59-50-7-----	4-Chloro-3-methylphenol	410.	U	
91-57-6-----	2-Methylnaphthalene	410.	U	
77-47-4-----	Hexachlorocyclopentadiene	410.	U	
88-06-2-----	2,4,6-Trichlorophenol	410.	U	
95-95-4-----	2,4,5-Trichlorophenol	410.	U	
91-58-7-----	2-Chloronaphthalene	410.	U	
88-74-4-----	2-Nitroaniline	2100.	U	
131-11-3-----	Dimethylphthalate	410.	U	
208-96-8-----	Acenaphthylene	410.	U	
606-20-2-----	2,6-Dinitrotoluene	410.	U	
99-09-2-----	3-Nitroaniline	2100.	U	
83-32-9-----	Acenaphthene	410.	U	

FORM I SV-1

3/90

000470

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(2-4)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0404	SAS No.:	SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-4PP(2-4)	
Sample wt/vol: 30.0	(g/mL) G	Lab File ID: B1380	
Level: (low/med) LOW		Date Received: 05/25/04	
% Moisture: 19.	decanted: (Y/N) N	Date Extracted: 06/01/04	
Concentrated Extract Volume: 1000.0 (uL)		Date Analyzed: 06/04/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 7.9		

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	410.	U
121-14-2-----	2,4-Dinitrotoluene	410.	U
84-66-2-----	Diethylphthalate	410.	U
7005-72-3-----	4-Chlorophenyl-phenylether	410.	U
86-73-7-----	Fluorene	410.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	410.	U
101-55-3-----	4-Bromophenyl-phenylether	410.	U
118-74-1-----	Hexachlorobenzene	410.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	410.	U
120-12-7-----	Anthracene	410.	U
86-74-8-----	Carbazole	410.	U
84-74-2-----	Di-n-butylphthalate	410.	U
206-44-0-----	Fluoranthene	410.	U
129-00-0-----	Pyrene	410.	U
85-68-7-----	Butylbenzylphthalate	410.	U
91-94-1-----	3,3'-Dichlorobenzidine	820.	U
56-55-3-----	Benzo(a)anthracene	410.	U
218-01-9-----	Chrysene	410.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	870.	U
117-84-0-----	Di-n-octylphthalate	410.	U
205-99-2-----	Benzo(b)fluoranthene	410.	U
207-08-9-----	Benzo(k)fluoranthene	410.	U
50-32-8-----	Benzo(a)pyrene	410.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	410.	U
53-70-3-----	Dibenzo(a,h)anthracene	410.	U
191-24-2-----	Benzo(g,h,i)perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000471

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(4-6)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0404 SAS No.:
 Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(4-6)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1381
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 20. decanted: (Y/N) N Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/04/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.1

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	420.	U
111-44-4-----bis(2-Chloroethyl) ether	420.	U
95-57-8-----2-Chlorophenol	420.	U
541-73-1-----1,3-Dichlorobenzene	420.	U
106-46-7-----1,4-Dichlorobenzene	420.	U
95-50-1-----1,2-Dichlorobenzene	420.	U
95-48-7-----2-Methylphenol	420.	U
108-60-1-----bis(2-chloroisopropyl) ether	420.	U
106-44-5-----4-Methylphenol	420.	U
621-64-7-----n-Nitroso-di-n-propylamine	420.	U
67-72-1-----Hexachloroethane	420.	U
98-95-3-----Nitrobenzene	420.	U
78-59-1-----Isophorone	420.	U
88-75-5-----2-Nitrophenol	420.	U
105-67-9-----2,4-Dimethylphenol	420.	U
111-91-1-----bis(2-Chloroethoxy)methane	420.	U
120-83-2-----2,4-Dichlorophenol	420.	U
120-82-1-----1,2,4-Trichlorobenzene	420.	U
91-20-3-----Naphthalene	420.	U
106-47-8-----4-Chloroaniline	420.	U
87-68-3-----Hexachlorobutadiene	420.	U
59-50-7-----4-Chloro-3-methylphenol	420.	U
91-57-6-----2-Methylnaphthalene	420.	U
77-47-4-----Hexachlorocyclopentadiene	420.	U
88-06-2-----2,4,6-Trichlorophenol	420.	U
95-95-4-----2,4,5-Trichlorophenol	420.	U
91-58-7-----2-Chloronaphthalene	420.	U
88-74-4-----2-Nitroaniline	2100.	U
131-11-3-----Dimethylphthalate	420.	U
208-96-8-----Acenaphthylene	420.	U
606-20-2-----2,6-Dinitrotoluene	420.	U
99-09-2-----3-Nitroaniline	2100.	U
83-32-9-----Acenaphthene	420.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(4-6)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(4-6)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1381
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 20. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/04/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	420.	U
121-14-2-----	2,4-Dinitrotoluene	420.	U
84-66-2-----	Diethylphthalate	420.	U
7005-72-3-----	4-Chlorophenyl-phenylether	420.	U
86-73-7-----	Fluorene	420.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	420.	U
101-55-3-----	4-Bromophenyl-phenylether	420.	U
118-74-1-----	Hexachlorobenzene	420.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	420.	U
120-12-7-----	Anthracene	420.	U
86-74-8-----	Carbazole	420.	U
84-74-2-----	Di-n-butylphthalate	420.	U
206-44-0-----	Fluoranthene	420.	U
129-00-0-----	Pyrene	420.	U
85-68-7-----	Butylbenzylphthalate	420.	U
91-94-1-----	3,3'-Dichlorobenzidine	830.	U
56-55-3-----	Benzo(a)anthracene	420.	U
218-01-9-----	Chrysene	420.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	760.	U
117-84-0-----	Di-n-octylphthalate	420.	U
205-99-2-----	Benzo(b)fluoranthene	420.	U
207-08-9-----	Benzo(k)fluoranthene	420.	U
50-32-8-----	Benzo(a)pyrene	420.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	420.	U
53-70-3-----	Dibenzo(a,h)anthracene	420.	U
191-24-2-----	Benzo(g,h,i)perylene	420.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000476

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1410
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 22. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/07/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	430.	U
111-44-4-----bis(2-Chloroethyl) ether	430.	U
95-57-8-----2-Chlorophenol	430.	U
541-73-1-----1,3-Dichlorobenzene	430.	U
106-46-7-----1,4-Dichlorobenzene	430.	U
95-50-1-----1,2-Dichlorobenzene	430.	U
95-48-7-----2-Methylphenol	430.	U
108-60-1-----bis(2-chloroisopropyl) ether	430.	U
106-44-5-----4-Methylphenol	430.	U
621-64-7-----n-Nitroso-di-n-propylamine	430.	U
67-72-1-----Hexachloroethane	430.	U
98-95-3-----Nitrobenzene	430.	U
78-59-1-----Isophorone	430.	U
88-75-5-----2-Nitrophenol	430.	U
105-67-9-----2,4-Dimethylphenol	430.	U
111-91-1-----bis(2-Chloroethoxy) methane	430.	U
120-83-2-----2,4-Dichlorophenol	430.	U
120-82-1-----1,2,4-Trichlorobenzene	430.	U
91-20-3-----Naphthalene	430.	U
106-47-8-----4-Chloroaniline	430.	U
87-68-3-----Hexachlorobutadiene	430.	U
59-50-7-----4-Chloro-3-methylphenol	430.	U
91-57-6-----2-Methylnaphthalene	430.	U
77-47-4-----Hexachlorocyclopentadiene	430.	U
88-06-2-----2,4,6-Trichlorophenol	430.	U
95-95-4-----2,4,5-Trichlorophenol	430.	U
91-58-7-----2-Chloronaphthalene	430.	U
88-74-4-----2-Nitroaniline	2100.	U
131-11-3-----Dimethylphthalate	430.	U
208-96-8-----Acenaphthylene	430.	U
606-20-2-----2,6-Dinitrotoluene	430.	U
99-09-2-----3-Nitroaniline	2100.	U
83-32-9-----Acenaphthene	430.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(8-10)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1410
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 22. decanted: (Y/N) N Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/07/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	430.	U
121-14-2-----	2,4-Dinitrotoluene	430.	U
84-66-2-----	Diethylphthalate	430.	U
7005-72-3-----	4-Chlorophenyl-phenylether	430.	U
86-73-7-----	Fluorene	430.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	430.	U
101-55-3-----	4-Bromophenyl-phenylether	430.	U
118-74-1-----	Hexachlorobenzene	430.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	430.	U
120-12-7-----	Anthracene	430.	U
86-74-8-----	Carbazole	430.	U
84-74-2-----	Di-n-butylphthalate	430.	U
206-44-0-----	Fluoranthene	430.	U
129-00-0-----	Pyrene	430.	U
85-68-7-----	Butylbenzylphthalate	430.	U
91-94-1-----	3,3'-Dichlorobenzidine	850.	U
56-55-3-----	Benzo(a)anthracene	430.	U
218-01-9-----	Chrysene	430.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	600.	U
117-84-0-----	Di-n-octylphthalate	430.	U
205-99-2-----	Benzo(b)fluoranthene	430.	U
207-08-9-----	Benzo(k)fluoranthene	430.	U
50-32-8-----	Benzo(a)pyrene	430.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	430.	U
53-70-3-----	Dibenzo(a,h)anthracene	430.	U
191-24-2-----	Benzo(g,h,i)perylene	430.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000481

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(0-2)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-2PP(0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1159

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 4. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/02/04

GPC Cleanup: (Y/N) N pH: 8.4

Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

CAS NO.

COMPOUND

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

35.
35.
35.
35.
35.
35.
35.

U
U
U
U
U
U
U

FORM I PEST

1/87 Rev.

000604

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(2-4)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-2PP(2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1160

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 26. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/02/04

GPC Cleanup: (Y/N) N pH: 7.7

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

45. U
45. U
45. U
45. U
45. U
45. U
20. J

FORM I PEST

1/87 Rev.

000607

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(4-6)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-2PP(4-6)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1161

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 27. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/02/04

GPC Cleanup: (Y/N) N pH: 7.4

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

46. U
46. U
46. U
46. U
46. U
46. U
46. U

FORM I PEST

1/87 Rev.

000512

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(6-8)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-2PP(6-8)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1162

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 31. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/02/04

GPC Cleanup: (Y/N) N pH: 6.7

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	48.	U
11104-28-2-----Aroclor-1221	48.	U
11141-16-5-----Aroclor-1232	48.	U
53469-21-9-----Aroclor-1242	48.	U
12672-29-6-----Aroclor-1248	48.	U
11097-69-1-----Aroclor-1254	48.	U
11096-82-5-----Aroclor-1260	48.	U

MB

FORM I PEST

1/87 Rev.

000615

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(8-10)

Name: AES

Contract:

Lab Code: AES Case No.: HRP0404 SAS No.: SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-2PP(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1163

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 19. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/02/04

GPC Cleanup: (Y/N) N pH: 7.2

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	41.	U
11104-28-2-----	Aroclor-1221	41.	U
11141-16-5-----	Aroclor-1232	41.	U
53469-21-9-----	Aroclor-1242	41.	U
12672-29-6-----	Aroclor-1248	41.	U
11097-69-1-----	Aroclor-1254	41.	U
11096-82-5-----	Aroclor-1260	41.	U

FORM I PEST

1/87 Rev.

000618

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(10-12)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-2PP(10-12)

Sample wt/vol: .30.0 (g/mL) G

Lab File ID: G1164

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 21. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/02/04

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

42.	U
42.	U
42.	U
42.	U
42.	U
42.	U
42.	U

FORM I PEST

1/87 Rev.

000621

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(12-14)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-2PP(12-14)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1165

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 24. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/02/04

GPC Cleanup: (Y/N) N pH: 7.3

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

44. U
44. U
44. U
44. U
44. U
44. U
44. U

AB

FORM I PEST

1/87 Rev.

000624

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(14-16)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-2PP(14-16)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1168

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 25. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	44.	U
11104-28-2-----Aroclor-1221	44.	U
11141-16-5-----Aroclor-1232	44.	U
53469-21-9-----Aroclor-1242	44.	U
12672-29-6-----Aroclor-1248	44.	U
11097-69-1-----Aroclor-1254	44.	U
11096-82-5-----Aroclor-1260	44.	U

gmb

FORM I PEST

1/87 Rev.

000627

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(0-2)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-3PP(0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1169

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 25. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 3.9

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	44.	U
11104-28-2-----Aroclor-1221	44.	U
11141-16-5-----Aroclor-1232	44.	U
53469-21-9-----Aroclor-1242	44.	U
12672-29-6-----Aroclor-1248	44.	U
11097-69-1-----Aroclor-1254	44.	U
11096-82-5-----Aroclor-1260	44.	U

FORM I PEST

1/87 Rev.

000630

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(2-4)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-3PP(2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1170

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 20. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 6.9

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	42.	U
11104-28-2-----Aroclor-1221	42.	U
11141-16-5-----Aroclor-1232	42.	U
53469-21-9-----Aroclor-1242	42.	U
12672-29-6-----Aroclor-1248	42.	U
11097-69-1-----Aroclor-1254	42.	U
11096-82-5-----Aroclor-1260	42.	U

MB

FORM I PEST

1/87 Rev.

000633

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(4-6)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-3PP(4-6)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1171

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 17. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 7.7

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	40.	U
11104-28-2-----Aroclor-1221	40.	U
11141-16-5-----Aroclor-1232	40.	U
53469-21-9-----Aroclor-1242	40.	U
12672-29-6-----Aroclor-1248	40.	U
11097-69-1-----Aroclor-1254	40.	U
11096-82-5-----Aroclor-1260	40.	U

FORM I PEST

1/87 Rev.

000636

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(6-8)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-3PP(6-8)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1174

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 21. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 5.6

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	42.	U
11104-28-2-----Aroclor-1221	42.	U
11141-16-5-----Aroclor-1232	42.	U
53469-21-9-----Aroclor-1242	42.	U
12672-29-6-----Aroclor-1248	42.	U
11097-69-1-----Aroclor-1254	42.	U
11096-82-5-----Aroclor-1260	42.	U

FORM I PEST

1/87 Rev.

000639

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(8-10)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-3PP(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1175

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 18. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 6.3

Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	41.	U
11104-28-2-----Aroclor-1221	41.	U
11141-16-5-----Aroclor-1232	41.	U
53469-21-9-----Aroclor-1242	41.	U
12672-29-6-----Aroclor-1248	41.	U
11097-69-1-----Aroclor-1254	41.	U
11096-82-5-----Aroclor-1260	41.	U

MB

FORM I PEST

1/87 Rev.

000642

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(10-12)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-3PP(10-12)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1176

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 28. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 5.4

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

46. U
46. U
46. U
46. U
46. U
46. U
46. U

FORM I PEST

1/87 Rev.

000645

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(12-14)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-3PP(12-14)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1177

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 19. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 5.8

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	41.	U
11104-28-2-----Aroclor-1221	41.	U
11141-16-5-----Aroclor-1232	41.	U
53469-21-9-----Aroclor-1242	41.	U
12672-29-6-----Aroclor-1248	41.	U
11097-69-1-----Aroclor-1254	41.	U
11096-82-5-----Aroclor-1260	41.	U

313

FORM I PEST

1/87 Rev.

000648

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(14-16)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-3PP(14-16)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1180

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 21. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 7.1

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

42. U
42. U
42. U
42. U
42. U
42. U
42. U

FORM I PEST

1/87 Rev.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(0-2)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-4PP(0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1181

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 18. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 7.9

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	41.	U
11104-28-2-----	Aroclor-1221	41.	U
11141-16-5-----	Aroclor-1232	41.	U
53469-21-9-----	Aroclor-1242	41.	U
12672-29-6-----	Aroclor-1248	41.	U
11097-69-1-----	Aroclor-1254	41.	U
11096-82-5-----	Aroclor-1260	41.	U

313

FORM I PEST

1/87 Rev.

000653

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(2-4)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-4PP(2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1182

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 19. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 7.9

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----Aroclor-1016	41.	U
11104-28-2-----Aroclor-1221	41.	U
11141-16-5-----Aroclor-1232	41.	U
53469-21-9-----Aroclor-1242	41.	U
12672-29-6-----Aroclor-1248	41.	U
11097-69-1-----Aroclor-1254	41.	U
11096-82-5-----Aroclor-1260	41.	U

FORM I PEST

1/87 Rev.

000656

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(4-6)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-4PP(4-6)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1183

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 20. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 6.1

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	42.	U
11104-28-2-----	Aroclor-1221	42.	U
11141-16-5-----	Aroclor-1232	42.	U
53469-21-9-----	Aroclor-1242	42.	U
12672-29-6-----	Aroclor-1248	42.	U
11097-69-1-----	Aroclor-1254	42.	U
11096-82-5-----	Aroclor-1260	42.	U

FORM I PEST

1/87 Rev.

000659

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(8-10)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0404 SAS No.:

SDG No.: NES-2PP(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-4PP(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1185

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 22. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

43. U
43. U
43. U
43. U
43. U
43. U
43. U

FORM I PEST

1/87 Rev.

000662

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(0-2)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-2PP(0-2)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 96.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.77	U	AVJ	P
7440-39-3	Barium	91.5			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.042	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	20.6			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	22.2		A	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.097	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.96	U	N R	P
7440-22-4	Silver	0.73	U	AVJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

OK JSD

JTB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(2-4)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-2PP(2-4)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 74.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	1.0	✓	NR	P
7440-39-3	Barium	168			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	7.5			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	43.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	427			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	1.1			AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.2	U	NR	P
7440-22-4	Silver	0.95	U	NR	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

JB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(4-6)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-2PP(4-6)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 73.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	1.0	✓	NUJ	P
7440-39-3	Barium	126			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.055	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	27.7			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.77	✓	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.070	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.3	U	NR	P
7440-22-4	Silver	0.96	✓	NUJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

JB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(6-8)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-2PP(6-8)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 69.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	1.1	U	NR	P
7440-39-3	Barium	217			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.058	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	31.6			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1.9		J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.3	U	NR	P
7440-22-4	Silver	1.0	U	NR	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

JB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(8-10)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-2PP(8-10)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.91	✓	✓	P
7440-39-3	Barium	202			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.049	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	35.8			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.69	✓	✓	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.062	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.1	U	NR	P
7440-22-4	Silver	0.86	✓	✓	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(10-12)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-2PP(10-12)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 79.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.94	U	N	P
7440-39-3	Barium	149			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.051	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	32.8			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.71	U	U	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.063	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.2	U	NR	P
7440-22-4	Silver	0.89	U	NR	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

MB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(12-14)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-2PP(12-14)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 76.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.97	U	N	P
7440-39-3	Barium	160			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.10	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	39.7			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	99.9			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.12	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.2	U	NR	P
7440-22-4	Silver	0.92	U	NR	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

733

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-2PP(14-16)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-2PP(14-16)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 75.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.99	U	N	P
7440-39-3	Barium	148			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.053	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	28.2			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.75	U	U	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.2	U	N	P
7440-22-4	Silver	0.93	U	U	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

383

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(0-2)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-3PP(0-2)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 75.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.99	U	N	P
7440-39-3	Barium	166			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.053	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	27.7			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	5.7		J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.094	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.2	U	NR	P
7440-22-4	Silver	0.93	U	NR	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

373

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(2-4)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-3PP(2-4)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 80.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.92	U	N	P
7440-39-3	Barium	95.7			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.050	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	20.8			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.70	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.075	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.2	U	NR	P
7440-22-4	Silver	0.88	U	UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(4-6)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-3PP(4-6)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 83.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.89	U	N	P
7440-39-3	Barium	90.4			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.048	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	20.8			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.67	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.060	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.1	U	NR	P
7440-22-4	Silver	0.84	U	UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

MB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(6-8)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-3PP(6-8)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 79.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.94	U	N	P
7440-39-3	Barium	148			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.051	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	33.7			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.71	U	US	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.063	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.2	U	NR	P
7440-22-4	Silver	0.89	U	NR	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(8-10)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-3PP(8-10)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.90	U	N	P
7440-39-3	Barium	145			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.049	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	32.8			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.68	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.061	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.1	U	NR	P
7440-22-4	Silver	0.85	U	UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

JTB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(10-12)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-3PP(10-12)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 72.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	1.0	U	N	P
7440-39-3	Barium	157			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.056	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	43.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.78	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.069	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.3	U	NR	P
7440-22-4	Silver	0.97	U	UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(12-14)

Lab Name: ADIRONDACK_ENVIRONMENTAL

Contract: _____

Lab Code: AES_____

Case No.: HRP_0404

SAS No.: _____

SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL_____

Lab Sample ID: NES-3PP(12-14)

Level (low/med): LOW_____

Date Received: 05/25/04

% Solids: 81.0_____

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.91	U	N	P
7440-39-3	Barium	173			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.049	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	44.3			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.69	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.062	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.1	U	NR	P
7440-22-4	Silver	0.86	U	NR	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

MB

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-3PP(14-16)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-3PP(14-16)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 79.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.94	U	N	P
7440-39-3	Barium	117			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.051	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	30.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.71	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.064	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.2	U	NR	P
7440-22-4	Silver	0.89	U	UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(0-2)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-4PP(0-2)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.90	U	N	P
7440-39-3	Barium	108			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.049	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	19.8			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.68	U	U	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.079	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.1	U	NR	P
7440-22-4	Silver	0.85	U	NUJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(2-4)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-4PP(2-4)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.91	U	N	P
7440-39-3	Barium	90.4			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.049	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	22.3			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.69	U	U	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.062	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.1	U	N R	P
7440-22-4	Silver	0.86	U	U	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

383

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(4-6)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-4PP(4-6)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 80.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.92	U	N	P
7440-39-3	Barium	91.8			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.050	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	28.5			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.70	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.062	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.2	U	NR	P
7440-22-4	Silver	0.88	U	UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(8-10)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0404 SAS No.: _____ SDG No.: NES-2PP(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-4PP(8-10)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 78.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.95	U	N	P
7440-39-3	Barium	86.7			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.13	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	19.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.69	U	U	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.064	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.97	U	NR	P
7440-22-4	Silver	0.72	U	NUJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

JB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(6-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(6-8)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1430
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 17. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(10-12)

Name: AES, Inc. Lab Code: AES Case No.: HRP0405 SAS No.: Matrix: (soil/water) SOIL Sample wt/vol: 5.000 (g/mL) G Level: (low/med) LOW % Moisture: not dec. 24. GC Column: RTX502.2 ID: .32 (mm) Soil Extract Volume: _____ (uL)	Contract: SDG No.: NES-4PP(6-8) Lab Sample ID: NES-4PP(10-12) Lab File ID: C0931 Date Received: 05/25/04 Date Analyzed: 05/28/04 Dilution Factor: 1.0 Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	7.5	BU
67-64-1-----	Acetone	230	B
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	170.	
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	7.	
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(10-12) DL

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(10-12) DL
Sample wt/vol: 2.500 (g/mL) G Lab File ID: C0952
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 24. Date Analyzed: 05/30/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	26.	U
74-83-9-----	Bromomethane	26.	U
75-01-4-----	Vinyl Chloride	26.	U
75-00-3-----	Chloroethane	26.	U
75-09-2-----	Methylene Chloride	13.	U
67-64-1-----	Acetone	230	B
75-15-0-----	Carbon Disulfide	13.	U
75-35-4-----	1,1-Dichloroethene	13.	U
75-34-3-----	1,1-Dichloroethane	13.	U
156-60-5-----	trans-1,2-Dichloroethene	13.	U
67-66-3-----	Chloroform	13.	U
107-06-2-----	1,2-Dichloroethane	13.	U
78-93-3-----	2-Butanone	170.	U
71-55-6-----	1,1,1-Trichloroethane	13.	U
56-23-5-----	Carbon Tetrachloride	13.	U
75-27-4-----	Bromodichloromethane	13.	U
78-87-5-----	1,2-Dichloropropane	13.	U
10061-01-5-----	cis-1,3-Dichloropropene	13.	U
79-01-6-----	Trichloroethene	13.	U
124-48-1-----	Dibromochloromethane	13.	U
79-00-5-----	1,1,2-Trichloroethane	13.	U
71-43-2-----	Benzene	13.	U
10061-02-6-----	trans-1,3-Dichloropropene	13.	U
75-25-2-----	Bromoform	13.	U
108-10-1-----	4-Methyl-2-Pentanone	8.	J
591-78-6-----	2-Hexanone	26.	U
127-18-4-----	Tetrachloroethene	13.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	13.	U
108-88-3-----	Toluene	25.	U
108-90-7-----	Chlorobenzene	13.	U
100-41-4-----	Ethylbenzene	13.	U
100-42-5-----	Styrene	13.	U
156-59-2-----	cis-1,2-Dichloroethene	13.	U
106-42-3-----	m,p-Xylene	13.	U
95-47-6-----	o-Xylene	13.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(12-14)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(12-14)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0932
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 24. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	72.	U
67-64-1-----	Acetone	34.	U
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	13.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	7.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

343

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(14-16)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(14-16)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0933
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 20. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.8.	U
67-64-1-----	Acetone	59.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	32.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	J
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(4-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-5RR(4-8)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0956
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 10. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.7.	U
67-64-1-----	Acetone	85.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	51.	U
71-55-6-----	✓1,1,1-Trichloroethane	6.	U
56-23-5-----	✓Carbon Tetrachloride	6.	U
75-27-4-----	✓Bromodichloromethane	6.	U
78-87-5-----	✓1,2-Dichloropropane	6.	U
10061-01-5-----	✓cis-1,3-Dichloropropene	6.	U
79-01-6-----	✓Trichloroethene	6.	U
124-48-1-----	✓Dibromochloromethane	6.	U
79-00-5-----	✓1,1,2-Trichloroethane	6.	U
71-43-2-----	✓Benzene	6.	U
10061-02-6-----	✓trans-1,3-Dichloropropene	6.	U
75-25-2-----	✓Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	46.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

FORM I VOA

3/90

000230

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(4-8) RE

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-5RR(4-8) RE
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0976
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 10. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	8.	B
67-64-1-----	Acetone	38.	
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	J
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	18.	
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-5RR(5-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0937
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 24. Date Analyzed: 05/28/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	8.	U
67-64-1-----	Acetone	100.	B
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	47.	
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	14.	
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-6RR(8-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0957
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 32. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	15.	U
74-83-9-----	Bromomethane	15.	U
75-01-4-----	Vinyl Chloride	15.	U
75-00-3-----	Chloroethane	15.	U
75-09-2-----	Methylene Chloride	7.8	U
67-64-1-----	Acetone	61.	U
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	28.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	15.	U
591-78-6-----	2-Hexanone	15.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	7.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR(8-10) DL

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-6RR(8-10) DL
Sample wt/vol: 1.000 (g/mL) G Lab File ID: C0947
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 32. Date Analyzed: 05/30/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3	Chloromethane	74.	U
74-83-9	Bromomethane	74.	U
75-01-4	Vinyl Chloride	74.	U
75-00-3	Chloroethane	74.	U
75-09-2	Methylene Chloride	37.	U
67-64-1	Acetone	190.	B
75-15-0	Carbon Disulfide	37.	U
75-35-4	1,1-Dichloroethene	37.	U
75-34-3	1,1-Dichloroethane	37.	U
156-60-5	trans-1,2-Dichloroethene	37.	U
67-66-3	Chloroform	37.	U
107-06-2	1,2-Dichloroethane	37.	U
78-93-3	2-Butanone	85.	U
71-55-6	1,1,1-Trichloroethane	37.	U
56-23-5	Carbon Tetrachloride	37.	U
75-27-4	Bromodichloromethane	37.	U
78-87-5	1,2-Dichloropropane	37.	U
10061-01-5	cis-1,3-Dichloropropene	37.	U
79-01-6	Trichloroethene	37.	U
124-48-1	Dibromochloromethane	37.	U
79-00-5	1,1,2-Trichloroethane	37.	U
71-43-2	Benzene	37.	U
10061-02-6	trans-1,3-Dichloropropene	37.	U
75-25-2	Bromoform	37.	U
108-10-1	4-Methyl-2-Pentanone	74.	U
591-78-6	2-Hexanone	74.	U
127-18-4	Tetrachloroethene	37.	U
79-34-5	1,1,2,2-Tetrachloroethane	37.	U
108-88-3	Toluene	37.	U
108-90-7	Chlorobenzene	37.	U
100-41-4	Ethylbenzene	37.	U
100-42-5	Styrene	37.	U
156-59-2	cis-1,2-Dichloroethene	37.	U
106-42-3	m,p-Xylene	37.	U
95-47-6	o-Xylene	37.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR(10-12)

Name: AES, Inc. Contract: SDG No.: NES-4PP(6-8)
 Lab Code: AES Case No.: HRP0405 SAS No.: Lab Sample ID: NES-6RR(10-12)
 Matrix: (soil/water) SOIL Lab File ID: C0948
 Sample wt/vol: 5.000 (g/mL) G Date Received: 05/25/04
 Level: (low/med) LOW Date Analyzed: 05/30/04
 % Moisture: not dec. 20. Dilution Factor: 1.0
 GC Column: RTX502.2 ID: .32 (mm) Soil Aliquot Volume: _____ (uL)
 Soil Extract Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	82.	B
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	48.	
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	12.	
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(6-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-7RR(6-8)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0958
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 26. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	14.	U
74-83-9-----	Bromomethane	14.	U
75-01-4-----	Vinyl Chloride	14.	U
75-00-3-----	Chloroethane	14.	U
75-09-2-----	Methylene Chloride	74.	BAU
67-64-1-----	Acetone	95.	
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	54.	
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	14.	U
591-78-6-----	2-Hexanone	14.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	13.	
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-7RR(8-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0950
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 24. Date Analyzed: 05/30/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	7.	U
67-64-1-----	Acetone	190.	B
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	150.	
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	19.	
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

783

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(10-11)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-7RR(10-11)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0951
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. 22. Date Analyzed: 05/30/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	40.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	25.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(0-2)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0967
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 6. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	8.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

000287 3/90

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(0-2)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0959
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 6. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	54.	DO U
67-64-1-----	Acetone	60.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	31.	
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	6.	
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(2-4)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(2-4)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0977
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: not dec. 16. Date Analyzed: 06/02/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	12.	U
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl Chloride	12.	U
75-00-3	Chloroethane	12.	U
75-09-2	Methylene Chloride	6.	U
67-64-1	Acetone	26.	U
75-15-0	Carbon Disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
156-60-5	trans-1,2-Dichloroethene	6.	U
67-66-3	Chloroform	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone	12.	U
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon Tetrachloride	6.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
75-25-2	Bromoform	6.	U
108-10-1	4-Methyl-2-Pentanone	12.	U
591-78-6	2-Hexanone	12.	U
127-18-4	Tetrachloroethene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
108-88-3	Toluene	8.	U
108-90-7	Chlorobenzene	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
156-59-2	cis-1,2-Dichloroethene	6.	U
106-42-3	m,p-Xylene	6.	U
95-47-6	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(4-6)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(4-6)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0961
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: not dec. 5. Date Analyzed: 06/01/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	52.	U
67-64-1-----	Acetone	16.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	3.	J
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

3/90

000304

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(6-8)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(6-8)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0978
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: not dec. 6. Date Analyzed: 06/02/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	24.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	7.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(8-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0963
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 11. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	15.	U
67-64-1-----	Acetone	11.8	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(10-12)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(10-12)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0993
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 31. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	14.	U
74-83-9-----	Bromomethane	14.	U
75-01-4-----	Vinyl Chloride	14.	U
75-00-3-----	Chloroethane	14.	U
75-09-2-----	Methylene Chloride	7.4.	DU
67-64-1-----	Acetone	14.1.	DU
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	14.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	14.	U
591-78-6-----	2-Hexanone	14.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	7.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

FORM I VOA

3/90

000322

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(12-14)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(12-14)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0965
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: not dec. 18. Date Analyzed: 06/01/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	14.	U
67-64-1-----	Acetone	71.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	27.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	11.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(14-16)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(14-16)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0966
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 28. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	14.	U
74-83-9-----	Bromomethane	14.	U
75-01-4-----	Vinyl Chloride	14.	U
75-00-3-----	Chloroethane	14.	U
75-09-2-----	Methylene Chloride	14.	U
67-64-1-----	Acetone	48.	U
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	23.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	14.	U
591-78-6-----	2-Hexanone	14.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	7.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(6-8)

Name: AES, Inc. Contract:
Lap Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(10-12)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1382
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 17. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/04/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.1

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	400.	U
111-44-4-----	bis(2-Chloroethyl) ether	400.	U
95-57-8-----	2-Chlorophenol	400.	U
541-73-1-----	1,3-Dichlorobenzene	400.	U
106-46-7-----	1,4-Dichlorobenzene	400.	U
95-50-1-----	1,2-Dichlorobenzene	400.	U
95-48-7-----	2-Methylphenol	400.	U
108-60-1-----	bis(2-chloroisopropyl) ether	400.	U
106-44-5-----	4-Methylphenol	400.	U
621-64-7-----	n-Nitroso-di-n-propylamine	400.	U
67-72-1-----	Hexachloroethane	400.	U
98-95-3-----	Nitrobenzene	400.	U
78-59-1-----	Isophorone	400.	U
88-75-5-----	2-Nitrophenol	400.	U
105-67-9-----	2,4-Dimethylphenol	400.	U
111-91-1-----	bis(2-Chloroethoxy) methane	400.	U
120-83-2-----	2,4-Dichlorophenol	400.	U
120-82-1-----	1,2,4-Trichlorobenzene	400.	U
91-20-3-----	Naphthalene	400.	U
106-47-8-----	4-Chloroaniline	400.	U
87-68-3-----	Hexachlorobutadiene	400.	U
59-50-7-----	4-Chloro-3-methylphenol	400.	U
91-57-6-----	2-Methylnaphthalene	400.	U
77-47-4-----	Hexachlorocyclopentadiene	400.	U
88-06-2-----	2,4,6-Trichlorophenol	400.	U
95-95-4-----	2,4,5-Trichlorophenol	400.	U
91-58-7-----	2-Chloronaphthalene	400.	U
88-74-4-----	2-Nitroaniline	1900.	U
131-11-3-----	Dimethylphthalate	400.	U
208-96-8-----	Acenaphthylene	400.	U
606-20-2-----	2,6-Dinitrotoluene	400.	U
99-09-2-----	3-Nitroaniline	1900.	U
83-32-9-----	Acenaphthene	400.	U

FORM I SV-1

3/90

000472

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(6-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(10-12)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1382
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 17. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/04/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	1900.	U
100-02-7-----	4-Nitrophenol	1900.	U
132-64-9-----	Dibenzofuran	400.	U
121-14-2-----	2,4-Dinitrotoluene	400.	U
84-66-2-----	Diethylphthalate	400.	U
7005-72-3-----	4-Chlorophenyl-phenylether	400.	U
86-73-7-----	Fluorene	400.	U
100-01-6-----	4-Nitroaniline	1900.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1900.	U
86-30-6-----	n-Nitrosodiphenylamine	400.	U
101-55-3-----	4-Bromophenyl-phenylether	400.	U
118-74-1-----	Hexachlorobenzene	400.	U
87-86-5-----	Pentachlorophenol	1900.	U
85-01-8-----	Phenanthrene	400.	U
120-12-7-----	Anthracene	400.	U
86-74-8-----	Carbazole	400.	U
84-74-2-----	Di-n-butylphthalate	400.	U
206-44-0-----	Fluoranthene	400.	U
129-00-0-----	Pyrene	400.	U
85-68-7-----	Butylbenzylphthalate	400.	U
91-94-1-----	3,3'-Dichlorobenzidine	880.	U
56-55-3-----	Benzo(a)anthracene	400.	U
218-01-9-----	Chrysene	400.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	900.	U
117-84-0-----	Di-n-octylphthalate	400.	U
205-99-2-----	Benzo(b)fluoranthene	400.	U
207-08-9-----	Benzo(k)fluoranthene	400.	U
50-32-8-----	Benzo(a)pyrene	400.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	400.	U
53-70-3-----	Dibenzo(a,h)anthracene	400.	U
191-24-2-----	Benzo(g,h,i)perylene	400.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000473

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(10-12)

Name: AES, Inc.		Contract:
Lap Code: AES	Case No.: HRP0405	SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-4PP(10-12)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1384
Level: (low/med) LOW		Date Received: 05/25/04
% Moisture: 24. decanted: (Y/N) N		Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/04/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 6.1	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	440.	U
111-44-4-----bis(2-Chloroethyl) ether	440.	U
95-57-8-----2-Chlorophenol	440.	U
541-73-1-----1,3-Dichlorobenzene	440.	U
106-46-7-----1,4-Dichlorobenzene	440.	U
95-50-1-----1,2-Dichlorobenzene	440.	U
95-48-7-----2-Methylphenol	440.	U
108-60-1-----bis(2-chloroisopropyl) ether	440.	U
106-44-5-----4-Methylphenol	440.	U
621-64-7-----n-Nitroso-di-n-propylamine	440.	U
67-72-1-----Hexachloroethane	440.	U
98-95-3-----Nitrobenzene	440.	U
78-59-1-----Isophorone	440.	U
88-75-5-----2-Nitrophenol	440.	U
105-67-9-----2,4-Dimethylphenol	440.	U
111-91-1-----bis(2-Chloroethoxy) methane	440.	U
120-83-2-----2,4-Dichlorophenol	440.	U
120-82-1-----1,2,4-Trichlorobenzene	440.	U
91-20-3-----Naphthalene	440.	U
106-47-8-----4-Chloroaniline	440.	U
87-68-3-----Hexachlorobutadiene	440.	U
59-50-7-----4-Chloro-3-methylphenol	440.	U
91-57-6-----2-Methylnaphthalene	440.	U
77-47-4-----Hexachlorocyclopentadiene	440.	U
88-06-2-----2,4,6-Trichlorophenol	440.	U
95-95-4-----2,4,5-Trichlorophenol	440.	U
91-58-7-----2-Chloronaphthalene	440.	U
88-74-4-----2-Nitroaniline	2200.	U
131-11-3-----Dimethylphthalate	440.	U
208-96-8-----Acenaphthylene	440.	U
606-20-2-----2,6-Dinitrotoluene	440.	U
99-09-2-----3-Nitroaniline	2200.	U
83-32-9-----Acenaphthene	440.	U

FORM I SV-1

3/90

000477

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(10-12)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(10-12)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1384
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 24. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/04/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.1

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2200.	U
100-02-7-----	4-Nitrophenol	2200.	U
132-64-9-----	Dibenzofuran	440.	U
121-14-2-----	2,4-Dinitrotoluene	440.	U
84-66-2-----	Diethylphthalate	440.	U
7005-72-3-----	4-Chlorophenyl-phenylether	440.	U
86-73-7-----	Fluorene	440.	U
100-01-6-----	4-Nitroaniline	2200.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	n-Nitrosodiphenylamine	440.	U
101-55-3-----	4-Bromophenyl-phenylether	440.	U
118-74-1-----	Hexachlorobenzene	440.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	440.	U
120-12-7-----	Anthracene	440.	U
86-74-8-----	Carbazole	440.	U
84-74-2-----	Di-n-butylphthalate	440.	U
206-44-0-----	Fluoranthene	440.	U
129-00-0-----	Pyrene	440.	U
85-68-7-----	Butylbenzylphthalate	440.	U
91-94-1-----	3,3'-Dichlorobenzidine	880.	U
56-55-3-----	Benzo(a)anthracene	440.	U
218-01-9-----	Chrysene	440.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	440 440	U
117-84-0-----	Di-n-octylphthalate	440.	U
205-99-2-----	Benzo(b)fluoranthene	440.	U
207-08-9-----	Benzo(k)fluoranthene	440.	U
50-32-8-----	Benzo(a)pyrene	440.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	440.	U
53-70-3-----	Dibenzo(a,h)anthracene	440.	U
191-24-2-----	Benzo(g,h,i)perylene	440.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000478

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(12-14)

Name: AES, Inc.	Contract:	SDG No.: NES-4PP(6-8)
Code: AES	Case No.: HRP0405 SAS No.:	Lab Sample ID: NES-4PP(12-14)
Matrix: (soil/water) SOIL		Lab File ID: B1385
Sample wt/vol: 30.0 (g/mL) G		Date Received: 05/25/04
Level: (low/med) LOW		Date Extracted: 06/02/04
% Moisture: 24. decanted: (Y/N) N		Date Analyzed: 06/05/04
Concentrated Extract Volume: 2000.0 (uL)		Dilution Factor: 1.0
Injection Volume: 2.0 (uL)		
SPC Cleanup: (Y/N) N	pH: 7.1	

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	440.	U
111-44-4-----bis(2-Chloroethyl) ether	440.	U
95-57-8-----2-Chlorophenol	440.	U
541-73-1-----1,3-Dichlorobenzene	440.	U
106-46-7-----1,4-Dichlorobenzene	440.	U
95-50-1-----1,2-Dichlorobenzene	440.	U
95-48-7-----2-Methylphenol	440.	U
108-60-1-----bis(2-chloroisopropyl) ether	440.	U
106-44-5-----4-Methylphenol	440.	U
621-64-7-----n-Nitroso-di-n-propylamine	440.	U
67-72-1-----Hexachloroethane	440.	U
98-95-3-----Nitrobenzene	440.	U
78-59-1-----Isophorone	440.	U
88-75-5-----2-Nitrophenol	440.	U
105-67-9-----2,4-Dimethylphenol	440.	U
111-91-1-----bis(2-Chloroethoxy) methane	440.	U
120-83-2-----2,4-Dichlorophenol	440.	U
120-82-1-----1,2,4-Trichlorobenzene	440.	U
91-20-3-----Naphthalene	440.	U
106-47-8-----4-Chloroaniline	440.	U
87-68-3-----Hexachlorobutadiene	440.	U
59-50-7-----4-Chloro-3-methylphenol	440.	U
91-57-6-----2-Methylnaphthalene	440.	U
77-47-4-----Hexachlorocyclopentadiene	440.	U
88-06-2-----2,4,6-Trichlorophenol	440.	U
95-95-4-----2,4,5-Trichlorophenol	440.	U
91-58-7-----2-Chloronaphthalene	440.	U
88-74-4-----2-Nitroaniline	2200.	U
131-11-3-----Dimethylphthalate	440.	U
208-96-8-----Acenaphthylene	440.	U
606-20-2-----2,6-Dinitrotoluene	440.	U
99-09-2-----3-Nitroaniline	2200.	U
83-32-9-----Acenaphthene	440.	U

FORM I SV-1

3/90

000482

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(12-14)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(12-14)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1385
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 24. decanted: (Y/N) N Date Extracted: 06/02/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 SPC Cleanup: (Y/N) N pH: 7.1

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q ✓

51-28-5-----	2,4-Dinitrophenol	2200.	U
100-02-7-----	4-Nitrophenol	2200.	U
132-64-9-----	Dibenzofuran	440.	U
121-14-2-----	2,4-Dinitrotoluene	440.	U
84-66-2-----	Diethylphthalate	440.	U
7005-72-3-----	4-Chlorophenyl-phenylether	440.	U
86-73-7-----	Fluorene	440.	U
100-01-6-----	4-Nitroaniline	2200.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	n-Nitrosodiphenylamine	440.	U
101-55-3-----	4-Bromophenyl-phenylether	440.	U
118-74-1-----	Hexachlorobenzene	440.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	440.	U
120-12-7-----	Anthracene	440.	U
86-74-8-----	Carbazole	440.	U
84-74-2-----	Di-n-butylphthalate	440.	U
206-44-0-----	Fluoranthene	440.	U
129-00-0-----	Pyrene	440.	U
85-68-7-----	Butylbenzylphthalate	440.	U
91-94-1-----	3,3'-Dichlorobenzidine	880.	U
56-55-3-----	Benzo(a)anthracene	440.	U
218-01-9-----	Chrysene	440.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	440 440.	U
117-84-0-----	Di-n-octylphthalate	440.	U
205-99-2-----	Benzo(b)fluoranthene	440.	U
207-08-9-----	Benzo(k)fluoranthene	440.	U
50-32-8-----	Benzo(a)pyrene	440.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	440.	U
53-70-3-----	Dibenzo(a,h)anthracene	440.	U
191-24-2-----	Benzo(g,h,i)perylene	440.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000483

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(14-16)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(14-16)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1411
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 20. decanted: (Y/N) N Date Extracted: 06/02/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.6

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	420.	U
111-44-4-----	bis(2-Chloroethyl) ether	420.	U
95-57-8-----	2-Chlorophenol	420.	U
541-73-1-----	1,3-Dichlorobenzene	420.	U
106-46-7-----	1,4-Dichlorobenzene	420.	U
95-50-1-----	1,2-Dichlorobenzene	420.	U
95-48-7-----	2-Methylphenol	420.	U
108-60-1-----	bis(2-chloroisopropyl) ether	420.	U
106-44-5-----	4-Methylphenol	420.	U
621-64-7-----	n-Nitroso-di-n-propylamine	420.	U
67-72-1-----	Hexachloroethane	420.	U
98-95-3-----	Nitrobenzene	420.	U
78-59-1-----	Isophorone	420.	U
88-75-5-----	2-Nitrophenol	420.	U
105-67-9-----	2,4-Dimethylphenol	420.	U
111-91-1-----	bis(2-Chloroethoxy) methane	420.	U
120-83-2-----	2,4-Dichlorophenol	420.	U
120-82-1-----	1,2,4-Trichlorobenzene	420.	U
91-20-3-----	Naphthalene	420.	U
106-47-8-----	4-Chloroaniline	420.	U
87-68-3-----	Hexachlorobutadiene	420.	U
59-50-7-----	4-Chloro-3-methylphenol	420.	U
91-57-6-----	2-Methylnaphthalene	420.	U
77-47-4-----	Hexachlorocyclopentadiene	420.	U
88-06-2-----	2,4,6-Trichlorophenol	420.	U
95-95-4-----	2,4,5-Trichlorophenol	420.	U
91-58-7-----	2-Chloronaphthalene	420.	U
88-74-4-----	2-Nitroaniline	2100.	U
131-11-3-----	Dimethylphthalate	420.	U
208-96-8-----	Acenaphthylene	420.	U
606-20-2-----	2,6-Dinitrotoluene	420.	U
99-09-2-----	3-Nitroaniline	2100.	U
83-32-9-----	Acenaphthene	420.	U

FORM I SV-1

3/90

000487

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(14-16)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(14-16)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1411
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 20. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.6

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	2100.	U
100-02-7-----4-Nitrophenol	2100.	U
132-64-9-----Dibenzofuran	420.	U
121-14-2-----2,4-Dinitrotoluene	420.	U
84-66-2-----Diethylphthalate	420.	U
7005-72-3-----4-Chlorophenyl-phenylether	420.	U
86-73-7-----Fluorene	420.	U
100-01-6-----4-Nitroaniline	2100.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----n-Nitrosodiphenylamine	420.	U
101-55-3-----4-Bromophenyl-phenylether	420.	U
118-74-1-----Hexachlorobenzene	420.	U
87-86-5-----Pentachlorophenol	2100.	U
85-01-8-----Phenanthrene	420.	U
120-12-7-----Anthracene	420.	U
86-74-8-----Carbazole	420.	U
84-74-2-----Di-n-butylphthalate	420.	U
206-44-0-----Fluoranthene	420.	U
129-00-0-----Pyrene	420.	U
85-68-7-----Butylbenzylphthalate	420.	U
91-94-1-----3,3'-Dichlorobenzidine	830.	U
56-55-3-----Benzo(a)anthracene	420.	U
218-01-9-----Chrysene	420.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	420 ~~390~~	U
117-84-0-----Di-n-octylphthalate	420.	U
205-99-2-----Benzo(b)fluoranthene	420.	U
207-08-9-----Benzo(k)fluoranthene	420.	U
50-32-8-----Benzo(a)pyrene	420.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	420.	U
53-70-3-----Dibenzo(a,h)anthracene	420.	U
191-24-2-----Benzo(g,h,i)perylene	420.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000488

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(4-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-5RR(4-8)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1387
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 10. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.7

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	370.	U
111-44-4-----bis(2-Chloroethyl) ether	370.	U
95-57-8-----2-Chlorophenol	370.	U
541-73-1-----1,3-Dichlorobenzene	370.	U
106-46-7-----1,4-Dichlorobenzene	370.	U
95-50-1-----1,2-Dichlorobenzene	370.	U
95-48-7-----2-Methylphenol	370.	U
108-60-1-----bis(2-chloroisopropyl) ether	370.	U
106-44-5-----4-Methylphenol	370.	U
621-64-7-----n-Nitroso-di-n-propylamine	370.	U
67-72-1-----Hexachloroethane	370.	U
98-95-3-----Nitrobenzene	370.	U
78-59-1-----Isophorone	370.	U
88-75-5-----2-Nitrophenol	370.	U
105-67-9-----2,4-Dimethylphenol	370.	U
111-91-1-----bis(2-Chloroethoxy) methane	370.	U
120-83-2-----2,4-Dichlorophenol	370.	U
120-82-1-----1,2,4-Trichlorobenzene	370.	U
91-20-3-----Naphthalene	370.	U
106-47-8-----4-Chloroaniline	370.	U
87-68-3-----Hexachlorobutadiene	370.	U
59-50-7-----4-Chloro-3-methylphenol	370.	U
91-57-6-----2-Methylnaphthalene	370.	U
77-47-4-----Hexachlorocyclopentadiene	370.	U
88-06-2-----2,4,6-Trichlorophenol	370.	U
95-95-4-----2,4,5-Trichlorophenol	370.	U
91-58-7-----2-Chloronaphthalene	370.	U
88-74-4-----2-Nitroaniline	1900.	U
131-11-3-----Dimethylphthalate	370.	U
208-96-8-----Acenaphthylene	370.	U
606-20-2-----2,6-Dinitrotoluene	370.	U
99-09-2-----3-Nitroaniline	1900.	U
83-32-9-----Acenaphthene	370.	U

FORM I SV-1

3/90

000492

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(4-8)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-5RR(4-8)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1387
Level: (low/med) LOW Date Received: 05/25/04
Moisture: 10. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
EPC Cleanup: (Y/N) N pH: 8.7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1900.	U
100-02-7-----	4-Nitrophenol	1900.	U
132-64-9-----	Dibenzofuran	370.	U
121-14-2-----	2,4-Dinitrotoluene	370.	U
84-66-2-----	Diethylphthalate	370.	U
7005-72-3-----	4-Chlorophenyl-phenylether	370.	U
86-73-7-----	Fluorene	370.	U
100-01-6-----	4-Nitroaniline	1900.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1900.	U
86-30-6-----	n-Nitrosodiphenylamine	370.	U
101-55-3-----	4-Bromophenyl-phenylether	370.	U
118-74-1-----	Hexachlorobenzene	370.	U
87-86-5-----	Pentachlorophenol	1900.	U
85-01-8-----	Phenanthrene	370.	U
120-12-7-----	Anthracene	370.	U
86-74-8-----	Carbazole	370.	U
84-74-2-----	Di-n-butylphthalate	370.	U
206-44-0-----	Fluoranthene	370.	U
129-00-0-----	Pyrene	370.	U
85-68-7-----	Butylbenzylphthalate	370.	U
91-94-1-----	3,3'-Dichlorobenzidine	740.	U
56-55-3-----	Benzo(a)anthracene	370.	U
218-01-9-----	Chrysene	370.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	400.	U
117-84-0-----	Di-n-octylphthalate	370.	U
205-99-2-----	Benzo(b)fluoranthene	370.	U
207-08-9-----	Benzo(k)fluoranthene	370.	U
50-32-8-----	Benzo(a)pyrene	370.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	370.	U
53-70-3-----	Dibenzo(a,h)anthracene	370.	U
191-24-2-----	Benzo(g,h,i)perylene	370.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000493

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(8-10)

Name: AES, Inc.	Contract:	SDG No.: NES-4PP(6-8)
Lab Code: AES	Case No.: HRP0405 SAS No.:	Lab Sample ID: NES-5RR(8-10)
Matrix: (soil/water) SOIL		Lab File ID: B1388
Sample wt/vol: 30.0 (g/mL) G		Date Received: 05/25/04
Level: (low/med) LOW		Date Extracted: 06/02/04
% Moisture: 24. decanted: (Y/N) N		Date Analyzed: 06/05/04
Concentrated Extract Volume: 2000.0 (uL)		Dilution Factor: 1.0
Injection Volume: 2.0 (uL)		
GPC Cleanup: (Y/N) N	pH: 7.8	

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----Phenol	440.	U
111-44-4-----bis(2-Chloroethyl) ether	440.	U
95-57-8-----2-Chlorophenol	440.	U
541-73-1-----1,3-Dichlorobenzene	440.	U
106-46-7-----1,4-Dichlorobenzene	440.	U
95-50-1-----1,2-Dichlorobenzene	440.	U
95-48-7-----2-Methylphenol	440.	U
108-60-1-----bis(2-chloroisopropyl) ether	440.	U
106-44-5-----4-Methylphenol	440.	U
621-64-7-----n-Nitroso-di-n-propylamine	440.	U
67-72-1-----Hexachloroethane	440.	U
98-95-3-----Nitrobenzene	440.	U
78-59-1-----Isophorone	440.	U
88-75-5-----2-Nitrophenol	440.	U
105-67-9-----2,4-Dimethylphenol	440.	U
111-91-1-----bis(2-Chloroethoxy) methane	440.	U
120-83-2-----2,4-Dichlorophenol	440.	U
120-82-1-----1,2,4-Trichlorobenzene	440.	U
91-20-3-----Naphthalene	440.	U
106-47-8-----4-Chloroaniline	440.	U
87-68-3-----Hexachlorobutadiene	440.	U
59-50-7-----4-Chloro-3-methylphenol	440.	U
91-57-6-----2-Methylnaphthalene	440.	U
77-47-4-----Hexachlorocyclopentadiene	440.	U
88-06-2-----2,4,6-Trichlorophenol	440.	U
95-95-4-----2,4,5-Trichlorophenol	440.	U
91-58-7-----2-Chloronaphthalene	440.	U
88-74-4-----2-Nitroaniline	2200.	U
131-11-3-----Dimethylphthalate	440.	U
208-96-8-----Acenaphthylene	440.	U
606-20-2-----2,6-Dinitrotoluene	440.	U
99-09-2-----3-Nitroaniline	2200.	U
83-32-9-----Acenaphthene	440.	U

FORM I SV-1

3/90

000497

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-5RR(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1388
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 24. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.8

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	2200.	U
190-02-7-----4-Nitrophenol	2200.	U
132-64-9-----Dibenzofuran	440.	U
121-14-2-----2,4-Dinitrotoluene	440.	U
84-66-2-----Diethylphthalate	440.	U
7005-72-3-----4-Chlorophenyl-phenylether	440.	U
86-73-7-----Fluorene	440.	U
100-01-6-----4-Nitroaniline	2200.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----n-Nitrosodiphenylamine	440.	U
101-55-3-----4-Bromophenyl-phenylether	440.	U
118-74-1-----Hexachlorobenzene	440.	U
87-86-5-----Pentachlorophenol	2200.	U
85-01-8-----Phenanthrene	440.	U
120-12-7-----Anthracene	440.	U
86-74-8-----Carbazole	440.	U
84-74-2-----Di-n-butylphthalate	440.	U
206-44-0-----Fluoranthene	440.	U
129-00-0-----Pyrene	440.	U
85-68-7-----Butylbenzylphthalate	440.	U
91-94-1-----3,3'-Dichlorobenzidine	880.	U
56-55-3-----Benzo(a)anthracene	440.	U
218-01-9-----Chrysene	440.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	530.	U
117-84-0-----Di-n-octylphthalate	440.	U
205-99-2-----Benzo(b)fluoranthene	440.	U
207-08-9-----Benzo(k)fluoranthene	440.	U
50-32-8-----Benzo(a)pyrene	440.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	440.	U
53-70-3-----Dibenzo(a,h)anthracene	440.	U
191-24-2-----Benzo(g,h,i)perylene	440.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000498

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(10-12)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0405 SAS No.: _____ SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-5RR(10-12)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1397
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 20. decanted: (Y/N) N Date Extracted: 06/02/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 SPC Cleanup: (Y/N) N pH: 6.9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	420.	U
111-44-4-----	bis(2-Chloroethyl) ether	420.	U
95-57-8-----	2-Chlorophenol	420.	U
541-73-1-----	1,3-Dichlorobenzene	420.	U
106-46-7-----	1,4-Dichlorobenzene	420.	U
95-50-1-----	1,2-Dichlorobenzene	420.	U
95-48-7-----	2-Methylphenol	420.	U
108-60-1-----	bis(2-chloroisopropyl) ether	420.	U
106-44-5-----	4-Methylphenol	420.	U
621-64-7-----	n-Nitroso-di-n-propylamine	420.	U
67-72-1-----	Hexachloroethane	420.	U
98-95-3-----	Nitrobenzene	420.	U
78-59-1-----	Isophorone	420.	U
88-75-5-----	2-Nitrophenol	420.	U
105-67-9-----	2,4-Dimethylphenol	420.	U
111-91-1-----	bis(2-Chloroethoxy) methane	420.	U
120-83-2-----	2,4-Dichlorophenol	420.	U
120-82-1-----	1,2,4-Trichlorobenzene	420.	U
91-20-3-----	Naphthalene	420.	U
106-47-8-----	4-Chloroaniline	420.	U
87-68-3-----	Hexachlorobutadiene	420.	U
59-50-7-----	4-Chloro-3-methylphenol	420.	U
91-57-6-----	2-Methylnaphthalene	420.	U
77-47-4-----	Hexachlorocyclopentadiene	420.	U
88-06-2-----	2,4,6-Trichlorophenol	420.	U
95-95-4-----	2,4,5-Trichlorophenol	420.	U
91-58-7-----	2-Chloronaphthalene	420.	U
88-74-4-----	2-Nitroaniline	2100.	U
131-11-3-----	Dimethylphthalate	420.	U
208-96-8-----	Acenaphthylene	420.	U
606-20-2-----	2,6-Dinitrotoluene	420.	U
99-09-2-----	3-Nitroaniline	2100.	U
83-32-9-----	Acenaphthene	420.	U

FORM I SV-1

3/90

000502

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(10-12)

Name: AES, Inc. Contract:
Lab. Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-5RR(10-12)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1397
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 20. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.9

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	420.	U
121-14-2-----	2,4-Dinitrotoluene	420.	U
84-66-2-----	Diethylphthalate	420.	U
7005-72-3-----	4-Chlorophenyl-phenylether	420.	U
86-73-7-----	Fluorene	420.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	420.	U
101-55-3-----	4-Bromophenyl-phenylether	420.	U
118-74-1-----	Hexachlorobenzene	420.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	420.	U
120-12-7-----	Anthracene	420.	U
86-74-8-----	Carbazole	420.	U
84-74-2-----	Di-n-butylphthalate	420.	U
206-44-0-----	Fluoranthene	420.	U
129-00-0-----	Pyrene	420.	U
85-68-7-----	Butylbenzylphthalate	420.	U
91-94-1-----	3,3'-Dichlorobenzidine	830.	U
56-55-3-----	Benzo(a)anthracene	420.	U
218-01-9-----	Chrysene	420.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	490.	U
117-84-0-----	Di-n-octylphthalate	420.	U
205-99-2-----	Benzo(b)fluoranthene	420.	U
207-08-9-----	Benzo(k)fluoranthene	420.	U
50-32-8-----	Benzo(a)pyrene	420.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	420.	U
53-70-3-----	Dibenzo(a,h)anthracene	420.	U
191-24-2-----	Benzo(g,h,i)perylene	420.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000503

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-6RR(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1396
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 32. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
3PC Cleanup: (Y/N) N pH: 7.3

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	490.	U
111-44-4-----	bis(2-Chloroethyl) ether	490.	U
95-57-8-----	2-Chlorophenol	490.	U
541-73-1-----	1,3-Dichlorobenzene	490.	U
106-46-7-----	1,4-Dichlorobenzene	490.	U
95-50-1-----	1,2-Dichlorobenzene	490.	U
95-48-7-----	2-Methylphenol	490.	U
108-60-1-----	bis(2-chloroisopropyl) ether	490.	U
106-44-5-----	4-Methylphenol	490.	U
621-64-7-----	n-Nitroso-di-n-propylamine	490.	U
67-72-1-----	Hexachloroethane	490.	U
98-95-3-----	Nitrobenzene	490.	U
78-59-1-----	Isophorone	490.	U
88-75-5-----	2-Nitrophenol	490.	U
105-67-9-----	2,4-Dimethylphenol	490.	U
111-91-1-----	bis(2-Chloroethoxy) methane	490.	U
120-83-2-----	2,4-Dichlorophenol	490.	U
120-82-1-----	1,2,4-Trichlorobenzene	490.	U
91-20-3-----	Naphthalene	490.	U
106-47-8-----	4-Chloroaniline	490.	U
87-68-3-----	Hexachlorobutadiene	490.	U
59-50-7-----	4-Chloro-3-methylphenol	490.	U
91-57-6-----	2-Methylnaphthalene	490.	U
77-47-4-----	Hexachlorocyclopentadiene	490.	U
88-06-2-----	2,4,6-Trichlorophenol	490.	U
95-95-4-----	2,4,5-Trichlorophenol	490.	U
91-58-7-----	2-Chloronaphthalene	490.	U
88-74-4-----	2-Nitroaniline	2500.	U
131-11-3-----	Dimethylphthalate	490.	U
208-96-8-----	Acenaphthylene	490.	U
606-20-2-----	2,6-Dinitrotoluene	490.	U
99-09-2-----	3-Nitroaniline	2500.	U
83-32-9-----	Acenaphthene	490.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-6RR(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1396
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 32. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2500.	U
100-02-7-----	4-Nitrophenol	2500.	U
132-64-9-----	Dibenzofuran	490.	U
121-14-2-----	2,4-Dinitrotoluene	490.	U
84-66-2-----	Diethylphthalate	490.	U
7005-72-3-----	4-Chlorophenyl-phenylether	490.	U
86-73-7-----	Fluorene	490.	U
100-01-6-----	4-Nitroaniline	2500.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2500.	U
86-30-6-----	n-Nitrosodiphenylamine	490.	U
101-55-3-----	4-Bromophenyl-phenylether	490.	U
118-74-1-----	Hexachlorobenzene	490.	U
87-86-5-----	Pentachlorophenol	2500.	U
85-01-8-----	Phenanthrene	490.	U
120-12-7-----	Anthracene	490.	U
86-74-8-----	Carbazole	490.	U
84-74-2-----	Di-n-butylphthalate	490.	U
206-44-0-----	Fluoranthene	490.	U
129-00-0-----	Pyrene	490.	U
85-68-7-----	Butylbenzylphthalate	490.	U
91-94-1-----	3,3'-Dichlorobenzidine	980.	U
56-55-3-----	Benzo(a)anthracene	490.	U
218-01-9-----	Chrysene	490.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	730.	U
117-84-0-----	Di-n-octylphthalate	490.	U
205-99-2-----	Benzo(b)fluoranthene	490.	U
207-08-9-----	Benzo(k)fluoranthene	490.	U
50-32-8-----	Benzo(a)pyrene	490.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	490.	U
53-70-3-----	Dibenzo(a,h)anthracene	490.	U
191-24-2-----	Benzo(g,h,i)perylene	490.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000508

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(6-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-7RR(6-8)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1398
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 26. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	450.	U
111-44-4-----	bis(2-Chloroethyl) ether	450.	U
95-57-8-----	2-Chlorophenol	450.	U
541-73-1-----	1,3-Dichlorobenzene	450.	U
106-46-7-----	1,4-Dichlorobenzene	450.	U
95-50-1-----	1,2-Dichlorobenzene	450.	U
95-48-7-----	2-Methylphenol	450.	U
108-60-1-----	bis(2-chloroisopropyl) ether	450.	U
106-44-5-----	4-Methylphenol	450.	U
621-64-7-----	n-Nitroso-di-n-propylamine	450.	U
67-72-1-----	Hexachloroethane	450.	U
98-95-3-----	Nitrobenzene	450.	U
78-59-1-----	Isophorone	450.	U
88-75-5-----	2-Nitrophenol	450.	U
105-67-9-----	2,4-Dimethylphenol	450.	U
111-91-1-----	bis(2-Chloroethoxy) methane	450.	U
120-83-2-----	2,4-Dichlorophenol	450.	U
120-82-1-----	1,2,4-Trichlorobenzene	450.	U
91-20-3-----	Naphthalene	450.	U
106-47-8-----	4-Chloroaniline	450.	U
87-68-3-----	Hexachlorobutadiene	450.	U
59-50-7-----	4-Chloro-3-methylphenol	450.	U
91-57-6-----	2-Methylnaphthalene	450.	U
77-47-4-----	Hexachlorocyclopentadiene	450.	U
88-06-2-----	2,4,6-Trichlorophenol	450.	U
95-95-4-----	2,4,5-Trichlorophenol	450.	U
91-58-7-----	2-Chloronaphthalene	450.	U
88-74-4-----	2-Nitroaniline	2300.	U
131-11-3-----	Dimethylphthalate	450.	U
208-96-8-----	Acenaphthylene	450.	U
606-20-2-----	2,6-Dinitrotoluene	450.	U
99-09-2-----	3-Nitroaniline	2300.	U
83-32-9-----	Acenaphthene	450.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(6-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-7RR(6-8)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1398
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 26. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	2300.	U
100-02-7-----	4-Nitrophenol	2300.	U
132-64-9-----	Dibenzofuran	450.	U
121-14-2-----	2,4-Dinitrotoluene	450.	U
84-66-2-----	Diethylphthalate	450.	U
7005-72-3-----	4-Chlorophenyl-phenylether	450.	U
86-73-7-----	Fluorene	450.	U
100-01-6-----	4-Nitroaniline	2300.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2300.	U
86-30-6-----	n-Nitrosodiphenylamine	450.	U
101-55-3-----	4-Bromophenyl-phenylether	450.	U
118-74-1-----	Hexachlorobenzene	450.	U
87-86-5-----	Pentachlorophenol	2300.	U
85-01-8-----	Phenanthrene	450.	U
120-12-7-----	Anthracene	450.	U
86-74-8-----	Carbazole	450.	U
84-74-2-----	Di-n-butylphthalate	450.	U
206-44-0-----	Fluoranthene	450.	U
129-00-0-----	Pyrene	450.	U
85-68-7-----	Butylbenzylphthalate	450.	U
91-94-1-----	3,3'-Dichlorobenzidine	900.	U
56-55-3-----	Benzo(a)anthracene	450.	U
218-01-9-----	Chrysene	450.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	640.	U
117-84-0-----	Di-n-octylphthalate	450.	U
205-99-2-----	Benzo(b)fluoranthene	450.	U
207-08-9-----	Benzo(k)fluoranthene	450.	U
50-32-8-----	Benzo(a)pyrene	450.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	450.	U
53-70-3-----	Dibenzo(a,h)anthracene	450.	U
191-24-2-----	Benzo(g,h,i)perylene	450.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000513

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO..

NES-7RR(8-10)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-7RR(8-10)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1399
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 24. decanted: (Y/N) N Date Extracted: 06/02/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 SPC Cleanup: (Y/N) N pH: 6.7

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	440.	U
111-44-4-----	bis(2-Chloroethyl) ether	440.	U
95-57-8-----	2-Chlorophenol	440.	U
541-73-1-----	1,3-Dichlorobenzene	440.	U
106-46-7-----	1,4-Dichlorobenzene	440.	U
95-50-1-----	1,2-Dichlorobenzene	440.	U
95-48-7-----	2-Methylphenol	440.	U
108-60-1-----	bis(2-chloroisopropyl) ether	440.	U
106-44-5-----	4-Methylphenol	440.	U
621-64-7-----	n-Nitroso-di-n-propylamine	440.	U
67-72-1-----	Hexachloroethane	440.	U
98-95-3-----	Nitrobenzene	440.	U
78-59-1-----	Isophorone	440.	U
88-75-5-----	2-Nitrophenol	440.	U
105-67-9-----	2,4-Dimethylphenol	440.	U
111-91-1-----	bis(2-Chloroethoxy) methane	440.	U
120-83-2-----	2,4-Dichlorophenol	440.	U
120-82-1-----	1,2,4-Trichlorobenzene	440.	U
91-20-3-----	Naphthalene	440.	U
106-47-8-----	4-Chloroaniline	440.	U
87-68-3-----	Hexachlorobutadiene	440.	U
59-50-7-----	4-Chloro-3-methylphenol	440.	U
91-57-6-----	2-Methylnaphthalene	440.	U
77-47-4-----	Hexachlorocyclopentadiene	440.	U
88-06-2-----	2,4,6-Trichlorophenol	440.	U
95-95-4-----	2,4,5-Trichlorophenol	440.	U
91-58-7-----	2-Chloronaphthalene	440.	U
88-74-4-----	2-Nitroaniline	2200.	U
131-11-3-----	Dimethylphthalate	440.	U
208-96-8-----	Acenaphthylene	440.	U
606-20-2-----	2,6-Dinitrotoluene	440.	U
99-09-2-----	3-Nitroaniline	2200.	U
83-32-9-----	Acenaphthene	440.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-7RR(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1399
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: 24. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2200.	U
100-02-7-----	4-Nitrophenol	2200.	U
132-64-9-----	Dibenzofuran	440.	U
121-14-2-----	2,4-Dinitrotoluene	440.	U
84-66-2-----	Diethylphthalate	440.	U
7005-72-3-----	4-Chlorophenyl-phenylether	440.	U
86-73-7-----	Fluorene	440.	U
100-01-6-----	4-Nitroaniline	2200.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	n-Nitrosodiphenylamine	440.	U
101-55-3-----	4-Bromophenyl-phenylether	440.	U
118-74-1-----	Hexachlorobenzene	440.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	440.	U
120-12-7-----	Anthracene	440.	U
86-74-8-----	Carbazole	440.	U
84-74-2-----	Di-n-butylphthalate	440.	U
206-44-0-----	Fluoranthene	440.	U
129-00-0-----	Pyrene	440.	U
85-68-7-----	Butylbenzylphthalate	440.	U
91-94-1-----	3,3'-Dichlorobenzidine	880.	U
56-55-3-----	Benzo(a)anthracene	440.	U
218-01-9-----	Chrysene	440.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	480.	U
117-84-0-----	Di-n-octylphthalate	440.	U
205-99-2-----	Benzo(b)fluoranthene	440.	U
207-08-9-----	Benzo(k)fluoranthene	440.	U
50-32-8-----	Benzo(a)pyrene	440.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	440.	U
53-70-3-----	Dibenzo(a,h)anthracene	440.	U
191-24-2-----	Benzo(g,h,i)perylene	440.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000518

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(10-11)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0405	SAS No.:	SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-7RR(10-11)	
Sample wt/vol:	30.0 (g/mL)	G	Lab File ID: B1400
Level: (low/med) LOW	Date Received: 05/25/04		
% Moisture: 22.	decanted: (Y/N) N	Date Extracted: 06/02/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/05/04	
Injection Volume: 2.0 (uL)	Dilution Factor: 1.0		
GPC Cleanup: (Y/N) N	pH: 8.0		

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	430.	U
111-44-4-----bis(2-Chloroethyl) ether	430.	U
95-57-8-----2-Chlorophenol	430.	U <i>VS</i>
541-73-1-----1,3-Dichlorobenzene	430.	U
106-46-7-----1,4-Dichlorobenzene	430.	U
95-50-1-----1,2-Dichlorobenzene	430.	U
95-48-7-----2-Methylphenol	430.	U
108-60-1-----bis(2-chloroisopropyl) ether	430.	U
106-44-5-----4-Methylphenol	430.	U
621-64-7-----n-Nitroso-di-n-propylamine	430.	U <i>VS</i>
67-72-1-----Hexachloroethane	430.	U
98-95-3-----Nitrobenzene	430.	U
78-59-1-----Isophorone	430.	U
88-75-5-----2-Nitrophenol	430.	U
105-67-9-----2,4-Dimethylphenol	430.	U
111-91-1-----bis(2-Chloroethoxy) methane	430.	U
120-83-2-----2,4-Dichlorophenol	430.	U
120-82-1-----1,2,4-Trichlorobenzene	430.	U
91-20-3-----Naphthalene	430.	U
106-47-8-----4-Chloroaniline	430.	U
87-68-3-----Hexachlorobutadiene	430.	U
59-50-7-----4-Chloro-3-methylphenol	430.	U
91-57-6-----2-Methylnaphthalene	430.	U
77-47-4-----Hexachlorocyclopentadiene	430.	U
88-06-2-----2,4,6-Trichlorophenol	430.	U <i>VS</i>
95-95-4-----2,4,5-Trichlorophenol	430.	U
91-58-7-----2-Chloronaphthalene	430.	U
88-74-4-----2-Nitroaniline	2100.	U
131-11-3-----Dimethylphthalate	430.	U
208-96-8-----Acenaphthylene	430.	U
606-20-2-----2,6-Dinitrotoluene	430.	U
99-09-2-----3-Nitroaniline	2100.	U
83-32-9-----Acenaphthene	430.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(10-11)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-7RR(10-11)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1400
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: 22. decanted: (Y/N) N Date Extracted: 06/02/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/05/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	2100.	U
100-02-7-----4-Nitrophenol	2100.	U
132-64-9-----Dibenzofuran	430.	U
121-14-2-----2,4-Dinitrotoluene	430.	U
84-66-2-----Diethylphthalate	430.	U
7005-72-3-----4-Chlorophenyl-phenylether	430.	U
86-73-7-----Fluorene	430.	U
100-01-6-----4-Nitroaniline	2100.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----n-Nitrosodiphenylamine	430.	U
101-55-3-----4-Bromophenyl-phenylether	430.	U
118-74-1-----Hexachlorobenzene	430.	U
87-86-5-----Pentachlorophenol	2100.	U
85-01-8-----Phenanthrene	430.	U
120-12-7-----Anthracene	430.	U
86-74-8-----Carbazole	430.	U
84-74-2-----Di-n-butylphthalate	430.	U
206-44-0-----Fluoranthene	430.	U
129-00-0-----Pyrene	430.	U
85-68-7-----Butylbenzylphthalate	430.	U
91-94-1-----3,3'-Dichlorobenzidine	850.	U
56-55-3-----Benzo(a)anthracene	430.	U
218-01-9-----Chrysene	430.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	580.	U
117-84-0-----Di-n-octylphthalate	430.	U
205-99-2-----Benzo(b)fluoranthene	430.	U
207-08-9-----Benzo(k)fluoranthene	430.	U
50-32-8-----Benzo(a)pyrene	430.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	430.	U
53-70-3-----Dibenzo(a,h)anthracene	430.	U
191-24-2-----Benzo(g,h,i)perylene	430.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000523

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(0-2)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(0-2)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1538
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 6. decanted: (Y/N) N Date Extracted: 06/02/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/15/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.6

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	350.	U
111-44-4-----bis(2-Chloroethyl) ether	350.	U
95-57-8-----2-Chlorophenol	350.	U
541-73-1-----1,3-Dichlorobenzene	350.	U
106-46-7-----1,4-Dichlorobenzene	350.	U
95-50-1-----1,2-Dichlorobenzene	350.	U
95-48-7-----2-Methylphenol	350.	U
108-60-1-----bis(2-chloroisopropyl) ether	350.	U
106-44-5-----4-Methylphenol	350.	U
621-64-7-----n-Nitroso-di-n-propylamine	350.	U
67-72-1-----Hexachloroethane	350.	U
98-95-3-----Nitrobenzene	350.	U
78-59-1-----Isophorone	350.	U
88-75-5-----2-Nitrophenol	350.	U
105-67-9-----2,4-Dimethylphenol	350.	U
111-91-1-----bis(2-Chloroethoxy) methane	350.	U
120-83-2-----2,4-Dichlorophenol	350.	U
120-82-1-----1,2,4-Trichlorobenzene	350.	U
91-20-3-----Naphthalene	350.	U
106-47-8-----4-Chloroaniline	350.	U
87-68-3-----Hexachlorobutadiene	350.	U
59-50-7-----4-Chloro-3-methylphenol	350.	U
91-57-6-----2-Methylnaphthalene	350.	U
77-47-4-----Hexachlorocyclopentadiene	350.	U
88-06-2-----2,4,6-Trichlorophenol	350.	U
95-95-4-----2,4,5-Trichlorophenol	350.	U
91-58-7-----2-Chloronaphthalene	350.	U
88-74-4-----2-Nitroaniline	1800.	U
131-11-3-----Dimethylphthalate	350.	U
208-96-8-----Acenaphthylene	350.	U
606-20-2-----2,6-Dinitrotoluene	350.	U
99-09-2-----3-Nitroaniline	1800.	U
83-32-9-----Acenaphthene	350.	U

315

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(0-2)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0405 SAS No.: _____ SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(0-2)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1538
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 6. decanted: (Y/N) N Date Extracted: 06/02/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/15/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1800.	U
100-02-7-----	4-Nitrophenol	1800.	U
132-64-9-----	Dibenzofuran	350.	U
121-14-2-----	2,4-Dinitrotoluene	350.	U
84-66-2-----	Diethylphthalate	350.	U
7005-72-3-----	4-Chlorophenyl-phenylether	350.	U
86-73-7-----	Fluorene	350.	U
100-01-6-----	4-Nitroaniline	1800.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----	n-Nitrosodiphenylamine	350.	U
101-55-3-----	4-Bromophenyl-phenylether	350.	U
118-74-1-----	Hexachlorobenzene	350.	U
87-86-5-----	Pentachlorophenol	1800.	U
85-01-8-----	Phenanthrene	350.	U
120-12-7-----	Anthracene	350.	U
86-74-8-----	Carbazole	350.	U
84-74-2-----	Di-n-butylphthalate	350.	U
206-44-0-----	Fluoranthene	350.	U
129-00-0-----	Pyrene	350.	U
85-68-7-----	Butylbenzylphthalate	350.	U
91-94-1-----	3,3'-Dichlorobenzidine	710.	U
56-55-3-----	Benzo(a)anthracene	350.	U
218-01-9-----	Chrysene	350.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	380.	U
117-84-0-----	Di-n-octylphthalate	350.	U
205-99-2-----	Benzo(b)fluoranthene	350.	U
207-08-9-----	Benzo(k)fluoranthene	350.	U
50-32-8-----	Benzo(a)pyrene	350.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3-----	Dibenzo(a,h)anthracene	350.	U
191-24-2-----	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000528

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(0-2)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1413
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 6. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	350.	U
111-44-4-----bis(2-Chloroethyl) ether	350.	U
95-57-8-----2-Chlorophenol	350.	U
541-73-1-----1,3-Dichlorobenzene	350.	U
106-46-7-----1,4-Dichlorobenzene	350.	U
95-50-1-----1,2-Dichlorobenzene	350.	U
95-48-7-----2-Methylphenol	350.	U
108-60-1-----bis(2-chloroisopropyl) ether	350.	U
106-44-5-----4-Methylphenol	350.	U
621-64-7-----n-Nitroso-di-n-propylamine	350.	U
67-72-1-----Hexachloroethane	350.	U
98-95-3-----Nitrobenzene	350.	U
78-59-1-----Isophorone	350.	U
88-75-5-----2-Nitrophenol	350.	U
105-67-9-----2,4-Dimethylphenol	350.	U
111-91-1-----bis(2-Chloroethoxy) methane	350.	U
120-83-2-----2,4-Dichlorophenol	350.	U
120-82-1-----1,2,4-Trichlorobenzene	350.	U
91-20-3-----Naphthalene	350.	U
106-47-8-----4-Chloroaniline	350.	U
87-68-3-----Hexachlorobutadiene	350.	U
59-50-7-----4-Chloro-3-methylphenol	350.	U
91-57-6-----2-Methylnaphthalene	350.	U
77-47-4-----Hexachlorocyclopentadiene	350.	U
88-06-2-----2,4,6-Trichlorophenol	350.	U
95-95-4-----2,4,5-Trichlorophenol	350.	U
91-58-7-----2-Chloronaphthalene	350.	U
88-74-4-----2-Nitroaniline	1800.	U
131-11-3-----Dimethylphthalate	350.	U
208-96-8-----Acenaphthylene	350.	U
606-20-2-----2,6-Dinitrotoluene	350.	U
99-09-2-----3-Nitroaniline	1800.	U
83-32-9-----Acenaphthene	350.	U

FORM I SV-1

3/90

000532

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.:
Matrix: (soil/water) SOIL Lab Sample ID: NES-4PP(6-8)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1413
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 6. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----2,4-Dinitrophenol	1800.	U
100-02-7-----4-Nitrophenol	1800.	U
132-64-9-----Dibenzofuran	350.	U
121-14-2-----2,4-Dinitrotoluene	350.	U
84-66-2-----Diethylphthalate	350.	U
7005-72-3-----4-Chlorophenyl-phenylether	350.	U
86-73-7-----Fluorene	350.	U
100-01-6-----4-Nitroaniline	1800.	U
534-52-1-----4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----n-Nitrosodiphenylamine	350.	U
101-55-3-----4-Bromophenyl-phenylether	350.	U
118-74-1-----Hexachlorobenzene	350.	U
87-86-5-----Pentachlorophenol	1800.	U
85-01-8-----Phenanthrene	350.	U
120-12-7-----Anthracene	350.	U
86-74-8-----Carbazole	350.	U
84-74-2-----Di-n-butylphthalate	350.	U
206-44-0-----Fluoranthene	350.	U
129-00-0-----Pyrene	350.	U
85-68-7-----Butylbenzylphthalate	350.	U
91-94-1-----3,3'-Dichlorobenzidine	710.	U
56-55-3-----Benzo(a)anthracene	350.	U
218-01-9-----Chrysene	350.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	910.	U
117-84-0-----Di-n-octylphthalate	350.	U
205-99-2-----Benzo(b)fluoranthene	350.	U
207-08-9-----Benzo(k)fluoranthene	350.	U
50-32-8-----Benzo(a)pyrene	350.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	350.	U
53-70-3-----Dibenzo(a,h)anthracene	350.	U
191-24-2-----Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000533

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(2-4)

Name: AES, Inc.	Contract:	SDG No.: NES-4PP(6-8)
Lab Code: AES	Case No.: HRP0405	SAS No.:
Matrix: (soil/water) SOIL		Lab Sample ID: NES-11TF(2-4)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1414
Level: (low/med) LOW		Date Received: 05/26/04
% Moisture: 16. decanted: (Y/N) N		Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/07/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 6.9	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	400.	U
111-44-4-----bis(2-Chloroethyl) ether	400.	U
95-57-8-----2-Chlorophenol	400.	U
541-73-1-----1,3-Dichlorobenzene	400.	U
106-46-7-----1,4-Dichlorobenzene	400.	U
95-50-1-----1,2-Dichlorobenzene	400.	U
95-48-7-----2-Methylphenol	400.	U
108-60-1-----bis(2-chloroisopropyl) ether	400.	U
106-44-5-----4-Methylphenol	400.	U
621-64-7-----n-Nitroso-di-n-propylamine	400.	U
67-72-1-----Hexachloroethane	400.	U
98-95-3-----Nitrobenzene	400.	U
78-59-1-----Isophorone	400.	U
88-75-5-----2-Nitrophenol	400.	U
105-67-9-----2,4-Dimethylphenol	400.	U
111-91-1-----bis(2-Chloroethoxy)methane	400.	U
120-83-2-----2,4-Dichlorophenol	400.	U
120-82-1-----1,2,4-Trichlorobenzene	400.	U
91-20-3-----Naphthalene	400.	U
106-47-8-----4-Chloroaniline	400.	U
87-68-3-----Hexachlorobutadiene	400.	U
59-50-7-----4-Chloro-3-methylphenol	400.	U
91-57-6-----2-Methylnaphthalene	400.	U
77-47-4-----Hexachlorocyclopentadiene	400.	U
88-06-2-----2,4,6-Trichlorophenol	400.	U
95-95-4-----2,4,5-Trichlorophenol	400.	U
91-58-7-----2-Chloronaphthalene	400.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	400.	U
208-96-8-----Acenaphthylene	400.	U
606-20-2-----2,6-Dinitrotoluene	400.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	400.	U

FORM I SV-1

3/90

000537

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(2-4)

Name: AES, Inc.	Contract:	SDG No.: NES-4PP(6-8)
Lab Code: AES	Case No.: HRP0405 SAS No.:	Lab Sample ID: NES-11TF(2-4)
Matrix: (soil/water) SOIL		Lab File ID: B1414
Sample wt/vol: 30.0 (g/mL) G		Date Received: 05/26/04
Level: (low/med) LOW		Date Extracted: 06/02/04
% Moisture: 16. decanted: (Y/N) N		Date Analyzed: 06/07/04
Concentrated Extract Volume: 2000.0 (uL)		Dilution Factor: 1.0
Injection Volume: 2.0 (uL)		
GPC Cleanup: (Y/N) N	pH: 6.9	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

51-28-5-----2,4-Dinitrophenol	2000.	U
100-02-7-----4-Nitrophenol	2000.	U
132-64-9-----Dibenzofuran	400.	U
121-14-2-----2,4-Dinitrotoluene	400.	U
84-66-2-----Diethylphthalate	400.	U
7005-72-3-----4-Chlorophenyl-phenylether	400.	U
86-73-7-----Fluorene	400.	U
100-01-6-----4-Nitroaniline	2000.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----n-Nitrosodiphenylamine	400.	U
101-55-3-----4-Bromophenyl-phenylether	400.	U
118-74-1-----Hexachlorobenzene	400.	U
87-86-5-----Pentachlorophenol	2000.	U
85-01-8-----Phenanthrene	400.	U
120-12-7-----Anthracene	400.	U
86-74-8-----Carbazole	400.	U
84-74-2-----Di-n-butylphthalate	400.	U
206-44-0-----Fluoranthene	400.	U
129-00-0-----Pyrene	400.	U
85-68-7-----Butylbenzylphthalate	400.	U
91-94-1-----3,3'-Dichlorobenzidine	790.	U
56-55-3-----Benzo(a)anthracene	400.	U
218-01-9-----Chrysene	400.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	540.	U
117-84-0-----Di-n-octylphthalate	400.	U
205-99-2-----Benzo(b)fluoranthene	400.	U
207-08-9-----Benzo(k)fluoranthene	400.	U
50-32-8-----Benzo(a)pyrene	400.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	400.	U
53-70-3-----Dibenzo(a,h)anthracene	400.	U
191-24-2-----Benzo(g,h,i)perylene	400.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000538

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(4-6)

Name: AES, Inc.	Contract:	SDG No.: NES-4PP(6-8)
Lab Code: AES	Case No.: HRP0405 SAS No.:	Lab Sample ID: NES-11TF(4-6)
Matrix: (soil/water) SOIL		Lab File ID: B1537
Sample wt/vol: 30.0 (g/mL) G		Date Received: 05/26/04
Level: (low/med) LOW		Date Extracted: 06/02/04
% Moisture: 5. decanted: (Y/N) N		Date Analyzed: 06/15/04
Concentrated Extract Volume: 2000.0 (uL)		Dilution Factor: 1.0
Injection Volume: 2.0 (uL)		
GPC Cleanup: (Y/N) N	pH: 8.4	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	350.	U
111-44-4-----bis(2-Chloroethyl) ether	350.	U
95-57-8-----2-Chlorophenol	350.	U
541-73-1-----1,3-Dichlorobenzene	350.	U
106-46-7-----1,4-Dichlorobenzene	350.	U
95-50-1-----1,2-Dichlorobenzene	350.	U
95-48-7-----2-Methylphenol	350.	U
108-60-1-----bis(2-chloroisopropyl) ether	350.	U
106-44-5-----4-Methylphenol	350.	U
621-64-7-----n-Nitroso-di-n-propylamine	350.	U
67-72-1-----Hexachloroethane	350.	U
98-95-3-----Nitrobenzene	350.	U
78-59-1-----Isophorone	350.	U
88-75-5-----2-Nitrophenol	350.	U
105-67-9-----2,4-Dimethylphenol	350.	U
111-91-1-----bis(2-Chloroethoxy) methane	350.	U
120-83-2-----2,4-Dichlorophenol	350.	U
120-82-1-----1,2,4-Trichlorobenzene	350.	U
91-20-3-----Naphthalene	350.	U
106-47-8-----4-Chloroaniline	350.	U
87-68-3-----Hexachlorobutadiene	350.	U
59-50-7-----4-Chloro-3-methylphenol	350.	U
91-57-6-----2-Methylnaphthalene	350.	U
77-47-4-----Hexachlorocyclopentadiene	350.	U
88-06-2-----2,4,6-Trichlorophenol	350.	U
95-95-4-----2,4,5-Trichlorophenol	350.	U
91-58-7-----2-Chloronaphthalene	350.	U
88-74-4-----2-Nitroaniline	1800.	U
131-11-3-----Dimethylphthalate	350.	U
208-96-8-----Acenaphthylene	350.	U
606-20-2-----2,6-Dinitrotoluene	350.	U
99-09-2-----3-Nitroaniline	1800.	U
83-32-9-----Acenaphthene	350.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(4-6)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(4-6)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1537
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 5. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/15/04
Injection Volume 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	1800.	U
100-02-7-----	4-Nitrophenol	1800.	U
132-64-9-----	Dibenzofuran	350.	U
121-14-2-----	2,4-Dinitrotoluene	350.	U
84-66-2-----	Diethylphthalate	350.	U
7005-72-3-----	4-Chlorophenyl-phenylether	350.	U
86-73-7-----	Fluorene	350.	U
100-01-6-----	4-Nitroaniline	1800.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----	n-Nitrosodiphenylamine	350.	U
101-55-3-----	4-Bromophenyl-phenylether	350.	U
118-74-1-----	Hexachlorobenzene	350.	U
87-86-5-----	Pentachlorophenol	1800.	U
85-01-8-----	Phenanthrene	350.	U
120-12-7-----	Anthracene	350.	U
86-74-8-----	Carbazole	350.	U
84-74-2-----	Di-n-butylphthalate	350.	U
206-44-0-----	Fluoranthene	350.	U
129-00-0-----	Pyrene	350.	U
85-68-7-----	Butylbenzylphthalate	350.	U
91-94-1-----	3,3'-Dichlorobenzidine	700.	U
56-55-3-----	Benzo(a)anthracene	350.	U
218-01-9-----	Chrysene	350.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	350 ~~170~~	U
117-84-0-----	Di-n-octylphthalate	350.	U
205-99-2-----	Benzo(b)fluoranthene	350.	U
207-08-9-----	Benzo(k)fluoranthene	350.	U
50-32-8-----	Benzo(a)pyrene	350.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3-----	Dibenzo(a,h)anthracene	350.	U
191-24-2-----	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

00054

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(6-8)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0405	SAS No.:	SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-11TF(6-8)	
Sample wt/vol: 30.0	(g/mL) G	Lab File ID: B1416	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 6.	decanted: (Y/N) N	Date Extracted: 06/02/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/07/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 8.4		

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	350.	U
111-44-4-----	bis(2-Chloroethyl)ether	350.	U
95-57-8-----	2-Chlorophenol	350.	U
541-73-1-----	1,3-Dichlorobenzene	350.	U
106-46-7-----	1,4-Dichlorobenzene	350.	U
95-50-1-----	1,2-Dichlorobenzene	350.	U
95-48-7-----	2-Methylphenol	350.	U
108-60-1-----	bis(2-chloroisopropyl) ether	350.	U
106-44-5-----	4-Methylphenol	350.	U
621-64-7-----	n-Nitroso-di-n-propylamine	350.	U
67-72-1-----	Hexachloroethane	350.	U
98-95-3-----	Nitrobenzene	350.	U
78-59-1-----	Isophorone	350.	U
88-75-5-----	2-Nitrophenol	350.	U
105-67-9-----	2,4-Dimethylphenol	350.	U
111-91-1-----	bis(2-Chloroethoxy)methane	350.	U
120-83-2-----	2,4-Dichlorophenol	350.	U
120-82-1-----	1,2,4-Trichlorobenzene	350.	U
91-20-3-----	Naphthalene	350.	U
106-47-8-----	4-Chloroaniline	350.	U
87-68-3-----	Hexachlorobutadiene	350.	U
59-50-7-----	4-Chloro-3-methylphenol	350.	U
91-57-6-----	2-Methylnaphthalene	350.	U
77-47-4-----	Hexachlorocyclopentadiene	350.	U
88-06-2-----	2,4,6-Trichlorophenol	350.	U
95-95-4-----	2,4,5-Trichlorophenol	350.	U
91-58-7-----	2-Chloronaphthalene	350.	U
88-74-4-----	2-Nitroaniline	1800.	U
131-11-3-----	Dimethylphthalate	350.	U
208-96-8-----	Acenaphthylene	350.	U
606-20-2-----	2,6-Dinitrotoluene	350.	U
99-09-2-----	3-Nitroaniline	1800.	U
83-32-9-----	Acenaphthene	350.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(6-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(6-8)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1416
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 6. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.4

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	1800.	U
100-02-7-----	4-Nitrophenol	1800.	U
132-64-9-----	Dibenzofuran	350.	U
121-14-2-----	2,4-Dinitrotoluene	350.	U
84-66-2-----	Diethylphthalate	350.	U
7005-72-3-----	4-Chlorophenyl-phenylether	350.	U
86-73-7-----	Fluorene	350.	U
100-01-6-----	4-Nitroaniline	1800.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----	n-Nitrosodiphenylamine	350.	U
101-55-3-----	4-Bromophenyl-phenylether	350.	U
118-74-1-----	Hexachlorobenzene	350.	U
87-86-5-----	Pentachlorophenol	1800.	U
85-01-8-----	Phenanthrene	350.	U
120-12-7-----	Anthracene	350.	U
86-74-8-----	Carbazole	350.	U
84-74-2-----	Di-n-butylphthalate	350.	U
206-44-0-----	Fluoranthene	350.	U
129-00-0-----	Pyrene	350.	U
85-68-7-----	Butylbenzylphthalate	350.	U
91-94-1-----	3,3'-Dichlorobenzidine	710.	U
56-55-3-----	Benzo(a)anthracene	350.	U
218-01-9-----	Chrysene	350.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	570.	BU
117-84-0-----	Di-n-octylphthalate	350.	U
205-99-2-----	Benzo(b)fluoranthene	350.	BU
207-08-9-----	Benzo(k)fluoranthene	350.	U
50-32-8-----	Benzo(a)pyrene	350.	BU
193-39-5-----	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3-----	Dibenzo(a,h)anthracene	350.	U
191-24-2-----	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000548

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1417
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 11. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	370.	U
111-44-4-----	bis(2-Chloroethyl) ether	370.	U
95-57-8-----	2-Chlorophenol	370.	U
541-73-1-----	1,3-Dichlorobenzene	370.	U
106-46-7-----	1,4-Dichlorobenzene	370.	U
95-50-1-----	1,2-Dichlorobenzene	370.	U
95-48-7-----	2-Methylphenol	370.	U
108-60-1-----	bis(2-chloroisopropyl) ether	370.	U
106-44-5-----	4-Methylphenol	370.	U
621-64-7-----	n-Nitroso-di-n-propylamine	370.	U
67-72-1-----	Hexachloroethane	370.	U
98-95-3-----	Nitrobenzene	370.	U
78-59-1-----	Isophorone	370.	U
88-75-5-----	2-Nitrophenol	370.	U
105-67-9-----	2,4-Dimethylphenol	370.	U
111-91-1-----	bis(2-Chloroethoxy) methane	370.	U
120-83-2-----	2,4-Dichlorophenol	370.	U
120-82-1-----	1,2,4-Trichlorobenzene	370.	U
91-20-3-----	Naphthalene	370.	U
106-47-8-----	4-Chloroaniline	370.	U
87-68-3-----	Hexachlorobutadiene	370.	U
59-50-7-----	4-Chloro-3-methylphenol	370.	U
91-57-6-----	2-Methylnaphthalene	370.	U
77-47-4-----	Hexachlorocyclopentadiene	370.	U
88-06-2-----	2,4,6-Trichlorophenol	370.	U
95-95-4-----	2,4,5-Trichlorophenol	370.	U
91-58-7-----	2-Chloronaphthalene	370.	U
88-74-4-----	2-Nitroaniline	1900.	U
131-11-3-----	Dimethylphthalate	370.	U
208-96-8-----	Acenaphthylene	370.	U
606-20-2-----	2,6-Dinitrotoluene	370.	U
99-09-2-----	3-Nitroaniline	1900.	U
83-32-9-----	Acenaphthene	370.	U

FORM I SV-1

3/90

000552

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(8-10)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0405 SAS No.: _____ SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(8-10)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1417
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 11. decanted: (Y/N) N Date Extracted: 06/02/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1900.	U
100-02-7-----	4-Nitrophenol	1900.	U
132-64-9-----	Dibenzofuran	370.	U
121-14-2-----	2,4-Dinitrotoluene	370.	U
84-66-2-----	Diethylphthalate	370.	U
7005-72-3-----	4-Chlorophenyl-phenylether	370.	U
86-73-7-----	Fluorene	370.	U
100-01-6-----	4-Nitroaniline	1900.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1900.	U
86-30-6-----	n-Nitrosodiphenylamine	370.	U
101-55-3-----	4-Bromophenyl-phenylether	370.	U
118-74-1-----	Hexachlorobenzene	370.	U
87-86-5-----	Pentachlorophenol	1900.	U
85-01-8-----	Phenanthrene	370.	U
120-12-7-----	Anthracene	370.	U
86-74-8-----	Carbazole	370.	U
84-74-2-----	Di-n-butylphthalate	370.	U
206-44-0-----	Fluoranthene	370.	U
129-00-0-----	Pyrene	370.	U
85-68-7-----	Butylbenzylphthalate	370.	U
91-94-1-----	3,3'-Dichlorobenzidine	750.	U
56-55-3-----	Benzo(a)anthracene	370.	U
218-01-9-----	Chrysene	370.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	640.	BU
117-84-0-----	Di-n-octylphthalate	370.	U
205-99-2-----	Benzo(b)fluoranthene	370.	BUJ
207-08-9-----	Benzo(k)fluoranthene	370.	U
50-32-8-----	Benzo(a)pyrene	370.	BUJ
193-39-5-----	Indeno(1,2,3-cd)pyrene	370.	U
53-70-3-----	Dibenzo(a,h)anthracene	370.	U
191-24-2-----	Benzo(g,h,i)perylene	370.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000553

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(10-12)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0405	SAS No.:	SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-11TF(10-12)	
Sample wt/vol: 30.0	(g/mL) G	Lab File ID: B1418	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 31.	decanted: (Y/N) N	Date Extracted: 06/02/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/07/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 7.1		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----	Phenol	480.	U
111-44-4-----	bis(2-Chloroethyl) ether	480.	U
95-57-8-----	2-Chlorophenol	480.	U
541-73-1-----	1,3-Dichlorobenzene	480.	U
106-46-7-----	1,4-Dichlorobenzene	480.	U
95-50-1-----	1,2-Dichlorobenzene	480.	U
95-48-7-----	2-Methylphenol	480.	U
108-60-1-----	bis(2-chloroisopropyl) ether	480.	U
106-44-5-----	4-Methylphenol	480.	U
621-64-7-----	n-Nitroso-di-n-propylamine	480.	U
67-72-1-----	Hexachloroethane	480.	U
98-95-3-----	Nitrobenzene	480.	U
78-59-1-----	Isophorone	480.	U
88-75-5-----	2-Nitrophenol	480.	U
105-67-9-----	2,4-Dimethylphenol	480.	U
111-91-1-----	bis(2-Chloroethoxy) methane	480.	U
120-83-2-----	2,4-Dichlorophenol	480.	U
120-82-1-----	1,2,4-Trichlorobenzene	480.	U
91-20-3-----	Naphthalene	480.	U
106-47-8-----	4-Chloroaniline	480.	U
87-68-3-----	Hexachlorobutadiene	480.	U
59-50-7-----	4-Chloro-3-methylphenol	480.	U
91-57-6-----	2-Methylnaphthalene	480.	U
77-47-4-----	Hexachlorocyclopentadiene	480.	U
88-06-2-----	2,4,6-Trichlorophenol	480.	U
95-95-4-----	2,4,5-Trichlorophenol	480.	U
91-58-7-----	2-Chloronaphthalene	480.	U
88-74-4-----	2-Nitroaniline	2400.	U
131-11-3-----	Dimethylphthalate	480.	U
208-96-8-----	Acenaphthylene	480.	U
606-20-2-----	2,6-Dinitrotoluene	480.	U
99-09-2-----	3-Nitroaniline	2400.	U
83-32-9-----	Acenaphthene	480.	U

FORM I SV-1

3/90

000557

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(10-12)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(10-12)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1418
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 31. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.1

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2400.	U
100-02-7-----	4-Nitrophenol	2400.	U
132-64-9-----	Dibenzofuran	480.	U
121-14-2-----	2,4-Dinitrotoluene	480.	U
84-66-2-----	Diethylphthalate	480.	U
7005-72-3-----	4-Chlorophenyl-phenylether	480.	U
86-73-7-----	Fluorene	480.	U
100-01-6-----	4-Nitroaniline	2400.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2400.	U
86-30-6-----	n-Nitrosodiphenylamine	480.	U
101-55-3-----	4-Bromophenyl-phenylether	480.	U
118-74-1-----	Hexachlorobenzene	480.	U
87-86-5-----	Pentachlorophenol	2400.	U
85-01-8-----	Phenanthrene	480.	U
120-12-7-----	Anthracene	480.	U
86-74-8-----	Carbazole	480.	U
84-74-2-----	Di-n-butylphthalate	480.	U
206-44-0-----	Fluoranthene	480.	U
129-00-0-----	Pyrene	480.	U
85-68-7-----	Butylbenzylphthalate	480.	U
91-94-1-----	3,3'-Dichlorobenzidine	970.	U
56-55-3-----	Benzo(a)anthracene	480.	U
218-01-9-----	Chrysene	480.	U
117-81-7-----	bis(2-Ethylhexyl) phthalate	690.	U
117-84-0-----	Di-n-octylphthalate	480.	U
205-99-2-----	Benzo(b)fluoranthene	480.	U
207-08-9-----	Benzo(k)fluoranthene	480.	U
50-32-8-----	Benzo(a)pyrene	480.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	480.	U
53-70-3-----	Dibenzo(a,h)anthracene	480.	U
191-24-2-----	Benzo(g,h,i)perylene	480.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000558

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(12-14)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(12-14)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1419
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 18. decanted: (Y/N) N Date Extracted: 06/02/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	410.	U
111-44-4-----bis(2-Chloroethyl) ether	410.	U
95-57-8-----2-Chlorophenol	410.	U
541-73-1-----1,3-Dichlorobenzene	410.	U
106-46-7-----1,4-Dichlorobenzene	410.	U
95-50-1-----1,2-Dichlorobenzene	410.	U
95-48-7-----2-Methylphenol	410.	U
108-60-1-----bis(2-chloroisopropyl) ether	410.	U
106-44-5-----4-Methylphenol	410.	U
621-64-7-----n-Nitroso-di-n-propylamine	410.	U
67-72-1-----Hexachloroethane	410.	U
98-95-3-----Nitrobenzene	410.	U
78-59-1-----Isophorone	410.	U
88-75-5-----2-Nitrophenol	410.	U
105-67-9-----2,4-Dimethylphenol	410.	U
111-91-1-----bis(2-Chloroethoxy) methane	410.	U
120-83-2-----2,4-Dichlorophenol	410.	U
120-82-1-----1,2,4-Trichlorobenzene	410.	U
91-20-3-----Naphthalene	410.	U
106-47-8-----4-Chloroaniline	410.	U
87-68-3-----Hexachlorobutadiene	410.	U
59-50-7-----4-Chloro-3-methylphenol	410.	U
91-57-6-----2-Methylnaphthalene	410.	U
77-47-4-----Hexachlorocyclopentadiene	410.	U
88-06-2-----2,4,6-Trichlorophenol	410.	U
95-95-4-----2,4,5-Trichlorophenol	410.	U
91-58-7-----2-Chloronaphthalene	410.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	410.	U
208-96-8-----Acenaphthylene	410.	U
606-20-2-----2,6-Dinitrotoluene	410.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	410.	U

FORM I SV-1

3/90

000562

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(12-14)

Name: AES, Inc.		Contract:	
Lap Code: AES	Case No.: HRP0405	SAS No.:	SDG No.: NES-4PP(6-8)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-11TF(12-14)	
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1419	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 18. decanted: (Y/N) N		Date Extracted: 06/02/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/07/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 7.0		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

51-28-5-----	2,4-Dinitrophenol	2000.	U
100-02-7-----	4-Nitrophenol	2000.	U
132-64-9-----	Dibenzofuran	410.	U
121-14-2-----	2,4-Dinitrotoluene	410.	U
84-66-2-----	Diethylphthalate	410.	U
7005-72-3-----	4-Chlorophenyl-phenylether	410.	U
86-73-7-----	Fluorene	410.	U
100-01-6-----	4-Nitroaniline	2000.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----	n-Nitrosodiphenylamine	410.	U
101-55-3-----	4-Bromophenyl-phenylether	410.	U
118-74-1-----	Hexachlorobenzene	410.	U
87-86-5-----	Pentachlorophenol	2000.	U
85-01-8-----	Phenanthrene	410.	U
120-12-7-----	Anthracene	410.	U
86-74-8-----	Carbazole	410.	U
84-74-2-----	Di-n-butylphthalate	410.	U
206-44-0-----	Fluoranthene	410.	U
129-00-0-----	Pyrene	410.	U
85-68-7-----	Butylbenzylphthalate	410.	U
91-94-1-----	3,3'-Dichlorobenzidine	810.	U
56-55-3-----	Benzo (a) anthracene	410.	U
218-01-9-----	Chrysene	410.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	690.	U
117-84-0-----	Di-n-octylphthalate	410.	U
205-99-2-----	Benzo (b) fluoranthene	410.	U
207-08-9-----	Benzo (k) fluoranthene	410.	U
50-32-8-----	Benzo (a) pyrene	410.	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	410.	U
53-70-3-----	Dibenzo (a,h) anthracene	410.	U
191-24-2-----	Benzo (g,h,i) perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000563

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(14-16)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0405 SAS No.: _____ SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(14-16)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1420
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 28. decanted: (Y/N) N Date Extracted: 06/02/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5.2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	460.	U
111-44-4-----	bis(2-Chloroethyl) ether	460.	U
95-57-8-----	2-Chlorophenol	460.	U
541-73-1-----	1,3-Dichlorobenzene	460.	U
106-46-7-----	1,4-Dichlorobenzene	460.	U
95-50-1-----	1,2-Dichlorobenzene	460.	U
95-48-7-----	2-Methylphenol	460.	U
108-60-1-----	bis(2-chloroisopropyl) ether	460.	U
106-44-5-----	4-Methylphenol	460.	U
621-64-7-----	n-Nitroso-di-n-propylamine	460.	U
67-72-1-----	Hexachloroethane	460.	U
98-95-3-----	Nitrobenzene	460.	U
78-59-1-----	Isophorone	460.	U
88-75-5-----	2-Nitrophenol	460.	U
105-67-9-----	2,4-Dimethylphenol	460.	U
111-91-1-----	bis(2-Chloroethoxy)methane	460.	U
120-83-2-----	2,4-Dichlorophenol	460.	U
120-82-1-----	1,2,4-Trichlorobenzene	460.	U
91-20-3-----	Naphthalene	460.	U
106-47-8-----	4-Chloroaniline	460.	U
87-68-3-----	Hexachlorobutadiene	460.	U
59-50-7-----	4-Chloro-3-methylphenol	460.	U
91-57-6-----	2-Methylnaphthalene	460.	U
77-47-4-----	Hexachlorocyclopentadiene	460.	U
88-06-2-----	2,4,6-Trichlorophenol	460.	U
95-95-4-----	2,4,5-Trichlorophenol	460.	U
91-58-7-----	2-Chloronaphthalene	460.	U
88-74-4-----	2-Nitroaniline	2300.	U
131-11-3-----	Dimethylphthalate	460.	U
208-96-8-----	Acenaphthylene	460.	U
606-20-2-----	2,6-Dinitrotoluene	460.	U
99-09-2-----	3-Nitroaniline	2300.	U
83-32-9-----	Acenaphthene	460.	U

FORM I SV-1

3/90

000567

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(14-16)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0405 SAS No.: SDG No.: NES-4PP(6-8)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-11TF(14-16)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1420
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 28. decanted: (Y/N) N Date Extracted: 06/02/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/07/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 5.2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----2,4-Dinitrophenol	2300.	U
100-02-7-----4-Nitrophenol	2300.	U
132-64-9-----Dibenzofuran	460.	U
121-14-2-----2,4-Dinitrotoluene	460.	U
84-66-2-----Diethylphthalate	460.	U
7005-72-3-----4-Chlorophenyl-phenylether	460.	U
86-73-7-----Fluorene	460.	U
100-01-6-----4-Nitroaniline	2300.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2300.	U
86-30-6-----n-Nitrosodiphenylamine	460.	U
101-55-3-----4-Bromophenyl-phenylether	460.	U
118-74-1-----Hexachlorobenzene	460.	U
87-86-5-----Pentachlorophenol	2300.	U
85-01-8-----Phenanthrene	460.	U
120-12-7-----Anthracene	460.	U
86-74-8-----Carbazole	460.	U
84-74-2-----Di-n-butylphthalate	460.	U
206-44-0-----Fluoranthene	460.	U
129-00-0-----Pyrene	460.	U
85-68-7-----Butylbenzylphthalate	460.	U
91-94-1-----3,3'-Dichlorobenzidine	930.	U
56-55-3-----Benzo(a)anthracene	460.	U
218-01-9-----Chrysene	460.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	590.	BU
117-84-0-----Di-n-octylphthalate	460.	U
205-99-2-----Benzo(b)fluoranthene	460.	BU
207-08-9-----Benzo(k)fluoranthene	460.	U
50-32-8-----Benzo(a)pyrene	460	U
193-39-5-----Indeno(1,2,3-cd)pyrene	460.	U
53-70-3-----Dibenzo(a,h)anthracene	460.	U
191-24-2-----Benzo(g,h,i)perylene	460.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000568

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(6-8)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405

SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-4PP 6-8

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1184

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 17. dec. _____

Date Extracted: 06/01/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

12674-11-2-----Aroclor-1016	40.	U
11104-28-2-----Aroclor-1221	40.	U
11141-16-5-----Aroclor-1232	40.	U
53469-21-9-----Aroclor-1242	40.	U
12672-29-6-----Aroclor-1248	40.	U
11097-69-1-----Aroclor-1254	40.	U
11096-82-5-----Aroclor-1260	40.	U

FORM I PEST

1/87 Rev.

000711

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(10-12)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405

SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-4PP(10-12)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1193

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 24. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 6.1

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

44. U
44. U
44. U
44. U
44. U
44. U
44. U

FORM I PEST

1/87 Rev.

000714

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(12-14)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405

SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-4PP(12-14)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1194

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 24. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N

pH: 7.1

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	44.	U
11104-28-2-----Aroclor-1221	44.	U
11141-16-5-----Aroclor-1232	44.	U
53469-21-9-----Aroclor-1242	44.	U
12672-29-6-----Aroclor-1248	44.	U
11097-69-1-----Aroclor-1254	44.	U
11096-82-5-----Aroclor-1260	44.	U

FORM I PEST

1/87 Rev.

000717

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(14-16)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-4PP(14-16)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1195

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 20. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 7.6

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

42. U
42. U
42. U
42. U
42. U
42. U
42. U

FORM I PEST

1/87 Rev.

000720

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(4-8)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405

SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-5RR(4-8)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1196

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 10. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 8.7

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

37. U
37. U
37. U
37. U
37. U
37. U
37. U

FORM I PEST

1/87 Rev.

000723

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR(8-10)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405

SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-5RR(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1197

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 24. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/03/04

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	44.	U
11104-28-2-----	Aroclor-1221	44.	U
11141-16-5-----	Aroclor-1232	44.	U
53469-21-9-----	Aroclor-1242	44.	U
12672-29-6-----	Aroclor-1248	44.	U
11097-69-1-----	Aroclor-1254	44.	U
11096-82-5-----	Aroclor-1260	44.	U

FORM I PEST

1/87 Rev.

000726

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR(8-10)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-6RR(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1207

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 32. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 7.3

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

49. U
49. U
49. U
49. U
49. U
49. U
49. U

FORM I PEST

1/87 Rev.

000729

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR(10-12)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405

SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-6RR(10-12)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1208

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 20. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 6.9

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	42.	U
11104-28-2-----	Aroclor-1221	42.	U
11141-16-5-----	Aroclor-1232	42.	U
53469-21-9-----	Aroclor-1242	42.	U
12672-29-6-----	Aroclor-1248	42.	U
11097-69-1-----	Aroclor-1254	42.	U
11096-82-5-----	Aroclor-1260	42.	U

FORM I PEST

1/87 Rev.

000732

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(6-8)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-7RR(6-8)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1209

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 26. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 6.9

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	45.	U
11104-28-2-----Aroclor-1221	45.	U
11141-16-5-----Aroclor-1232	45.	U
53469-21-9-----Aroclor-1242	45.	U
12672-29-6-----Aroclor-1248	45.	U
11097-69-1-----Aroclor-1254	45.	U
11096-82-5-----Aroclor-1260	45.	U

FORM I PEST

1/87 Rev.

000735

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(8-10)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405

SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-7RR(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1210

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 24. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 6.7

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	44.	U
11104-28-2-----	Aroclor-1221	44.	U
11141-16-5-----	Aroclor-1232	44.	U
53469-21-9-----	Aroclor-1242	44.	U
12672-29-6-----	Aroclor-1248	44.	U
11097-69-1-----	Aroclor-1254	44.	U
11096-82-5-----	Aroclor-1260	44.	U

FORM I PEST

1/87 Rev.

000738

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR(10-11)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405

SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-7RR(10-11)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1212

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. 22: dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	43.	U
11104-28-2-----	Aroclor-1221	43.	U
11141-16-5-----	Aroclor-1232	43.	U
53469-21-9-----	Aroclor-1242	43.	U
12672-29-6-----	Aroclor-1248	43.	U
11097-69-1-----	Aroclor-1254	43.	U
11096-82-5-----	Aroclor-1260	43.	U

JB

FORM I PEST

1/87 Rev.

000741

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(0-2)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-11TF(0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1213

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 6. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016	35.	U
11104-28-2-----Aroclor-1221	35.	U
11141-16-5-----Aroclor-1232	35.	U
53469-21-9-----Aroclor-1242	35.	U
12672-29-6-----Aroclor-1248	35.	U
11097-69-1-----Aroclor-1254	150.	J
11096-82-5-----Aroclor-1260	30.	J

FORM I PEST

1/87 Rev.

000749

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(0-2)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-10TF(0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1227

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 6. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 8.6

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	35.	U
11104-28-2-----	Aroclor-1221	35.	U
11141-16-5-----	Aroclor-1232	35.	U
53469-21-9-----	Aroclor-1242	35.	U
12672-29-6-----	Aroclor-1248	35.	U
11097-69-1-----	Aroclor-1254	35.	U
11096-82-5-----	Aroclor-1260	30.	J

JB

FORM I PEST

1/87 Rev.

000744

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(2-4)

I ☐ Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-11TF(2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1220

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 16. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 6.9

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016	40.	U
11104-28-2-----Aroclor-1221	40.	U
11141-16-5-----Aroclor-1232	40.	U
53469-21-9-----Aroclor-1242	40.	U
12672-29-6-----Aroclor-1248	40.	U
11097-69-1-----Aroclor-1254	40.	U
11096-82-5-----Aroclor-1260	40.	U

3/13

FORM I PEST

1/87 Rev.

000756

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(4-6)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-11TF(4-6)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1221

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 5. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 8.4

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

35. U
35. U
35. U
35. U
35. U
35. U
35. U

FORM I PEST

1/87 Rev.

000759

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(6-8)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-11TF(6-8)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1222

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 6. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 8.4

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

35. U
35. U
35. U
35. U
35. U
35. U
35. U

FORM I PEST

1/87 Rev.

000762

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(8-10)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-11TF(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1223

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 11. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	37.	U
11104-28-2-----Aroclor-1221	37.	U
11141-16-5-----Aroclor-1232	37.	U
53469-21-9-----Aroclor-1242	37.	U
12672-29-6-----Aroclor-1248	37.	U
11097-69-1-----Aroclor-1254	37.	U
11096-82-5-----Aroclor-1260	37.	U

FORM I PEST

1/87 Rev.

000765

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(10-12)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405

SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-11TF(10-12)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1224

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 31. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N

pH: 7.1

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	48.	U
11104-28-2-----	Aroclor-1221	48.	U
11141-16-5-----	Aroclor-1232	48.	U
53469-21-9-----	Aroclor-1242	48.	U
12672-29-6-----	Aroclor-1248	48.	U
11097-69-1-----	Aroclor-1254	48.	U
11096-82-5-----	Aroclor-1260	48.	U

FORM I PEST

1/87 Rev.

000768

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(12-14)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-11TF(12-14)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1225

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 18. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

41. U
41. U
41. U
41. U
41. U
41. U
41. U

FORM I PEST

1/87 Rev.

000771

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-11TF(14-16)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0405 SAS No.:

SDG No.: NES-4PP(6-8)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-11TF(14-16)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1226

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 28. dec. _____

Date Extracted: 06/02/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/04/04

GPC Cleanup: (Y/N) N pH: 5.2

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016	46.	U
11104-28-2-----Aroclor-1221	46.	U
11141-16-5-----Aroclor-1232	46.	U
53469-21-9-----Aroclor-1242	46.	U
12672-29-6-----Aroclor-1248	46.	U
11097-69-1-----Aroclor-1254	46.	U
11096-82-5-----Aroclor-1260	46.	U

733

FORM I PEST

1/87 Rev.

000774

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(6-8)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0405 SAS No.: _____ SDG No.: NES-4PP(6-8)

Matrix (soil/water): SOIL Lab Sample ID: NES-4PP(6-8)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 83.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.89	U	N	P
7440-39-3	Barium	106			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.048	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	25.3			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.67	U	U	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.060	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.1	U	N	P
7440-22-4	Silver	0.84	U	N	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(8-10)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0405 SAS No.: _____ SDG No.: NES-4PP(6-8)

Matrix (soil/water): SOIL Lab Sample ID: NES-4PP(8-10)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 78.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.95	U	X	P
7440-39-3	Barium	86.7			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.13	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	19.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.69	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.064	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.97	U	NR	P
7440-22-4	Silver	0.72	U	UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

JB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(10-12)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0405 SAS No.: _____ SDG No.: NES-4PP(6-8)

Matrix (soil/water): SOIL Lab Sample ID: NES-4PP(10-12)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 76.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.97	U	X	P
7440-39-3	Barium	162			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.13	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	30.0			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.71	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.066	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.0	U	NR	P
7440-22-4	Silver	0.74	U	UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

MB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(12-14)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0405 SAS No.: _____ SDG No.: NES-4PP(6-8)

Matrix (soil/water): SOIL Lab Sample ID: NES-4PP(12-14)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 76.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.97	U	N	P
7440-39-3	Barium	86.9			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.13	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	22.0			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.71	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.066	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.0	U	N-R	P
7440-22-4	Silver	0.74	U	N-UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

373

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-4PP(14-16)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0405 SAS No.: _____ SDG No.: NES-4PP(6-8)

Matrix (soil/water): SOIL Lab Sample ID: NES-4PP(14-16)

Level (low/med): LOW Date Received: 05/25/04

% Solids: 80.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.92	U	~~M~~	P
7440-39-3	Barium	73.8			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.12	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	20.2			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.68	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.062	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	~~0.95~~	U	~~N~~ R	P
7440-22-4	Silver	0.70	U	~~N~~ UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(0-2)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(0-2)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0986
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 5. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.8.	BU
67-64-1-----	Acetone	11.7.	BU
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(2-4)

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(2-4)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0987
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 5. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.7.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.1	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(4-6)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(4-6)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0988
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 4. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	52.	BU
67-64-1-----	Acetone	108.	BU
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(6-8)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(6-8)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0998
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: not dec. 7. Date Analyzed: 06/03/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	23.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	4.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	3.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	4.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	19.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	10.	U
106-42-3-----	m,p-Xylene	29.	U
95-47-6-----	o-Xylene	83.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-9TF(0-2)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0983
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 9. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	7.	U
67-64-1-----	Acetone	11 10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	9.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(2-4)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-9TF(2-4)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0984
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 6. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	16.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(4-6)

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-9TF(4-6)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0985
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 7. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.8	DU
67-64-1-----	Acetone	11.8	DU
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	1.	J
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	1.	J
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(0-2)

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP(0-2)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0969
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 16. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	9.	U
67-64-1-----	Acetone	14.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	6.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

FORM I VOA

3/90

000234

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (2-4)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP(2-4)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0980
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 19. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	10 12.	BU
67-64-1-----	Acetone	83.	BU
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	47.	✓
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	14.	✓
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(4-6)

Lab Name: AES, Inc. Contract: SDG No.: NES-8TF(0-2)
Lab Code: AES Case No.: HRP0406 SAS No.: Lab Sample ID: NES-14, SEEP(4-6)
Matrix: (soil/water) SOIL Lab File ID: C0971
Sample wt/vol: 5.000 (g/mL) G Date Received: 05/26/04
Level: (low/med) LOW Date Analyzed: 06/01/04
% Moisture: not dec. 24. Dilution Factor: 1.0
GC Column: RTX502.2 ID: .32 (mm) Soil Aliquot Volume: (uL)
Soil Extract Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	15.	U
67-64-1-----	Acetone	140.	U
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	110.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	3.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (6-8)

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP(6-8)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0972
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 24. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	10.	U
67-64-1-----	Acetone	30.	U
75-15-0-----	Carbon Disulfide	7.	U
75-35-4-----	1,1-Dichloroethene	7.	U
75-34-3-----	1,1-Dichloroethane	7.	U
156-60-5-----	trans-1,2-Dichloroethene	7.	U
67-66-3-----	Chloroform	7.	U
107-06-2-----	1,2-Dichloroethane	7.	U
78-93-3-----	2-Butanone	16.	U
71-55-6-----	1,1,1-Trichloroethane	7.	U
56-23-5-----	Carbon Tetrachloride	7.	U
75-27-4-----	Bromodichloromethane	7.	U
78-87-5-----	1,2-Dichloropropane	7.	U
10061-01-5-----	cis-1,3-Dichloropropene	7.	U
79-01-6-----	Trichloroethene	7.	U
124-48-1-----	Dibromochloromethane	7.	U
79-00-5-----	1,1,2-Trichloroethane	7.	U
71-43-2-----	Benzene	7.	U
10061-02-6-----	trans-1,3-Dichloropropene	7.	U
75-25-2-----	Bromoform	7.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	7.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	7.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	7.	U
100-41-4-----	Ethylbenzene	7.	U
100-42-5-----	Styrene	7.	U
156-59-2-----	cis-1,2-Dichloroethene	7.	U
106-42-3-----	m,p-Xylene	7.	U
95-47-6-----	o-Xylene	7.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(8-10)

1, Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP(8-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0973
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 17. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	15.	BU
67-64-1-----	Acetone	100.	✓
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	75.	✓
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	36.	✓
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(8-10) RE

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP(8-10)RE
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0981
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 17. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	8.	U
67-64-1-----	Acetone	63.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	41.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	20.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(10-12)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14,SEEP(10-12)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0974
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 23. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	8.	U
67-64-1-----	Acetone	22.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	9.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(12-14)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14,SEEP(12-14)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0975
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 20. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	8.	U
67-64-1-----	Acetone	18.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	10.	J
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

FORM I VOA

3/90

000281

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(14-16)

Lab Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-14,SEEP(14-16)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0982
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: not dec. 21. Date Analyzed: 06/02/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	61.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	43.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	8.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(2-4)

Lab Name: AES, Inc. Contract: SDG No.: NES-8TF(0-2)
Lab Code: AES Case No.: HRP0406 SAS No.: Lab Sample ID: NES-15BA(2-4)
Matrix: (soil/water) SOIL Lab File ID: D1496
Sample wt/vol: 5.000 (g/mL) G Date Received: 05/26/04
Level: (low/med) LOW Date Analyzed: 06/03/04
% Moisture: not dec. 12. Dilution Factor: 1.0
GC Column: RTX502.2 ID: .32 (mm) Soil Aliquot Volume: (uL)
Soil Extract Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	31.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	4.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

FORM I VOA

3/90

000294

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEDIMENT POND

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: SEDIMENT POND
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: C0994
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: not dec. 53. Date Analyzed: 06/02/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	21.	U
74-83-9-----	Bromomethane	21.	U
75-01-4-----	Vinyl Chloride	21.	U
75-00-3-----	Chloroethane	21.	U
75-09-2-----	Methylene Chloride	11.	U
67-64-1-----	Acetone	29.	U
75-15-0-----	Carbon Disulfide	11.	U
75-35-4-----	1,1-Dichloroethene	11.	U
75-34-3-----	1,1-Dichloroethane	11.	U
156-60-5-----	trans-1,2-Dichloroethene	11.	U
67-66-3-----	Chloroform	11.	U
107-06-2-----	1,2-Dichloroethane	11.	U
78-93-3-----	2-Butanone	21.	U
71-55-6-----	1,1,1-Trichloroethane	11.	U
56-23-5-----	Carbon Tetrachloride	11.	U
75-27-4-----	Bromodichloromethane	11.	U
78-87-5-----	1,2-Dichloropropane	11.	U
10061-01-5-----	cis-1,3-Dichloropropene	11.	U
79-01-6-----	Trichloroethene	11.	U
124-48-1-----	Dibromochloromethane	11.	U
79-00-5-----	1,1,2-Trichloroethane	11.	U
71-43-2-----	Benzene	11.	U
10061-02-6-----	trans-1,3-Dichloropropene	11.	U
75-25-2-----	Bromoform	11.	U
108-10-1-----	4-Methyl-2-Pentanone	21.	U
591-78-6-----	2-Hexanone	21.	U
127-18-4-----	Tetrachloroethene	11.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	11.	U
108-88-3-----	Toluene	11.	U
108-90-7-----	Chlorobenzene	11.	U
100-41-4-----	Ethylbenzene	11.	U
100-42-5-----	Styrene	11.	U
156-59-2-----	cis-1,2-Dichloroethene	11.	U
106-42-3-----	m,p-Xylene	11.	U
95-47-6-----	o-Xylene	11.	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(0-2)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1595
Level: (low/med) LOW Date Received: 05/26/04
Moisture: 5. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
SPC Cleanup: (Y/N) N pH: 7.9

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	350.	U
111-44-4-----bis(2-Chloroethyl) ether	350.	U
95-57-8-----2-Chlorophenol	350.	U
541-73-1-----1,3-Dichlorobenzene	350.	U
106-46-7-----1,4-Dichlorobenzene	350.	U
95-50-1-----1,2-Dichlorobenzene	350.	U
95-48-7-----2-Methylphenol	350.	U
108-60-1-----bis(2-chloroisopropyl) ether	350.	U
106-44-5-----4-Methylphenol	350.	U
621-64-7-----n-Nitroso-di-n-propylamine	350.	U
67-72-1-----Hexachloroethane	350.	U
98-95-3-----Nitrobenzene	350.	U
78-59-1-----Isophorone	350.	U
88-75-5-----2-Nitrophenol	350.	U
105-67-9-----2,4-Dimethylphenol	350.	U
111-91-1-----bis(2-Chloroethoxy) methane	350.	U
120-83-2-----2,4-Dichlorophenol	350.	U
120-82-1-----1,2,4-Trichlorobenzene	73.	J
91-20-3-----Naphthalene	350.	U
106-47-8-----4-Chloroaniline	350.	U
87-68-3-----Hexachlorobutadiene	350.	U
59-50-7-----4-Chloro-3-methylphenol	350.	U
91-57-6-----2-Methylnaphthalene	350.	U
77-47-4-----Hexachlorocyclopentadiene	350.	U
88-06-2-----2,4,6-Trichlorophenol	350.	U
95-95-4-----2,4,5-Trichlorophenol	350.	U
91-58-7-----2-Chloronaphthalene	350.	U
88-74-4-----2-Nitroaniline	1700.	U
131-11-3-----Dimethylphthalate	350.	U
208-96-8-----Acenaphthylene	350.	U
606-20-2-----2,6-Dinitrotoluene	350.	U
99-09-2-----3-Nitroaniline	1700.	U
83-32-9-----Acenaphthene	350.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(0-2)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1595
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 5. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
SPC Cleanup: (Y/N) N pH: 7.9

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	1700.	U
100-02-7-----4-Nitrophenol	1700.	U
132-64-9-----Dibenzofuran	350.	U
121-14-2-----2,4-Dinitrotoluene	350.	U
84-66-2-----Diethylphthalate	350.	U
7005-72-3-----4-Chlorophenyl-phenylether	350.	U
86-73-7-----Fluorene	350.	U
100-01-6-----4-Nitroaniline	1700.	U
534-52-1-----4,6-Dinitro-2-methylphenol	1700.	U
86-30-6-----n-Nitrosodiphenylamine	350.	U
101-55-3-----4-Bromophenyl-phenylether	350.	U
118-74-1-----Hexachlorobenzene	350.	U
87-86-5-----Pentachlorophenol	1700.	U
85-01-8-----Phenanthrene	350.	U
120-12-7-----Anthracene	350.	U
86-74-8-----Carbazole	350.	U
84-74-2-----Di-n-butylphthalate	350.	U
206-44-0-----Fluoranthene	350.	U
129-00-0-----Pyrene	350.	U
85-68-7-----Butylbenzylphthalate	350.	U
91-94-1-----3,3'-Dichlorobenzidine	700.	U
56-55-3-----Benzo(a)anthracene	350.	U
218-01-9-----Chrysene	350.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	350 ~~220~~	U
117-84-0-----Di-n-octylphthalate	350.	U
205-99-2-----Benzo(b)fluoranthene	350.	U
207-08-9-----Benzo(k)fluoranthene	350.	U
50-32-8-----Benzo(a)pyrene	350.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	350.	U
53-70-3-----Dibenzo(a,h)anthracene	350.	U
191-24-2-----Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000445

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(2-4)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(2-4)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1596
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 5. decanted: (Y/N) N Date Extracted: 06/04/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 SPC Cleanup: (Y/N) N pH: 8.4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	350.	U
111-44-4-----	bis(2-Chloroethyl) ether	350.	U
95-57-8-----	2-Chlorophenol	350.	U
541-73-1-----	1,3-Dichlorobenzene	350.	U
106-46-7-----	1,4-Dichlorobenzene	350.	U
95-50-1-----	1,2-Dichlorobenzene	350.	U
95-48-7-----	2-Methylphenol	350.	U
108-60-1-----	bis(2-chloroisopropyl) ether	350.	U
106-44-5-----	4-Methylphenol	350.	U
621-64-7-----	n-Nitroso-di-n-propylamine	350.	U
67-72-1-----	Hexachloroethane	350.	U
98-95-3-----	Nitrobenzene	350.	U
78-59-1-----	Isophorone	58.	J
88-75-5-----	2-Nitrophenol	350.	U
105-67-9-----	2,4-Dimethylphenol	350.	U
111-91-1-----	bis(2-Chloroethoxy) methane	350.	U
120-83-2-----	2,4-Dichlorophenol	350.	U
120-82-1-----	1,2,4-Trichlorobenzene	53.	J
91-20-3-----	Naphthalene	350.	U
106-47-8-----	4-Chloroaniline	350.	U
87-68-3-----	Hexachlorobutadiene	350.	U
59-50-7-----	4-Chloro-3-methylphenol	350.	U
91-57-6-----	2-Methylnaphthalene	350.	U
77-47-4-----	Hexachlorocyclopentadiene	350.	U
88-06-2-----	2,4,6-Trichlorophenol	350.	U
95-95-4-----	2,4,5-Trichlorophenol	350.	U
91-58-7-----	2-Chloronaphthalene	350.	U
88-74-4-----	2-Nitroaniline	1800.	U
131-11-3-----	Dimethylphthalate	350.	U
208-96-8-----	Acenaphthylene	350.	U
606-20-2-----	2,6-Dinitrotoluene	350.	U
99-09-2-----	3-Nitroaniline	1800.	U
83-32-9-----	Acenaphthene	350.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(2-4)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(2-4)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1596
 Level: (low/med) LOW Date Received: 05/26/04
 Moisture: 5. decanted: (Y/N) N Date Extracted: 06/04/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 SPC Cleanup: (Y/N) N pH: 8.4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1800.	U
100-02-7-----	4-Nitrophenol	1800.	U
132-64-9-----	Dibenzofuran	350.	U
121-14-2-----	2,4-Dinitrotoluene	350.	U
84-66-2-----	Diethylphthalate	350.	U
7005-72-3-----	4-Chlorophenyl-phenylether	350.	U
86-73-7-----	Fluorene	350.	U
100-01-6-----	4-Nitroaniline	1800.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----	n-Nitrosodiphenylamine	350.	U
101-55-3-----	4-Bromophenyl-phenylether	350.	U
118-74-1-----	Hexachlorobenzene	350.	U
87-86-5-----	Pentachlorophenol	1800.	U
85-01-8-----	Phenanthrene	350.	U
120-12-7-----	Anthracene	350.	U
86-74-8-----	Carbazole	350.	U
84-74-2-----	Di-n-butylphthalate	350.	U
206-44-0-----	Fluoranthene	350.	U
129-00-0-----	Pyrene	350.	U
85-68-7-----	Butylbenzylphthalate	350.	U
91-94-1-----	3,3'-Dichlorobenzidine	700.	U
56-55-3-----	Benzo(a)anthracene	350.	U
218-01-9-----	Chrysene	350.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	350. ~~250~~	U ~~250~~
117-84-0-----	Di-n-octylphthalate	350.	U
205-99-2-----	Benzo(b)fluoranthene	350.	U
207-08-9-----	Benzo(k)fluoranthene	350.	U
50-32-8-----	Benzo(a)pyrene	350.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3-----	Dibenzo(a,h)anthracene	350.	U
191-24-2-----	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000450

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(4-6)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(4-6)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1597
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 4. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.2

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	350.	U
111-44-4-----	bis(2-Chloroethyl)ether	350.	U
95-57-8-----	2-Chlorophenol	350.	U
541-73-1-----	1,3-Dichlorobenzene	350.	U
106-46-7-----	1,4-Dichlorobenzene	350.	U
95-50-1-----	1,2-Dichlorobenzene	350.	U
95-48-7-----	2-Methylphenol	350.	U
108-60-1-----	bis(2-chloroisopropyl) ether	350.	U
106-44-5-----	4-Methylphenol	350.	U
621-64-7-----	n-Nitroso-di-n-propylamine	350.	U
67-72-1-----	Hexachloroethane	350.	U
98-95-3-----	Nitrobenzene	350.	U
78-59-1-----	Isophorone	77.	J
88-75-5-----	2-Nitrophenol	350.	U
105-67-9-----	2,4-Dimethylphenol	350.	U
111-91-1-----	bis(2-Chloroethoxy)methane	350.	U
120-83-2-----	2,4-Dichlorophenol	350.	U
120-82-1-----	1,2,4-Trichlorobenzene	71.	J
91-20-3-----	Naphthalene	350.	U
106-47-8-----	4-Chloroaniline	350.	U
87-68-3-----	Hexachlorobutadiene	350.	U
59-50-7-----	4-Chloro-3-methylphenol	350.	U
91-57-6-----	2-Methylnaphthalene	350.	U
77-47-4-----	Hexachlorocyclopentadiene	350.	U
88-06-2-----	2,4,6-Trichlorophenol	350.	U
95-95-4-----	2,4,5-Trichlorophenol	350.	U
91-58-7-----	2-Chloronaphthalene	350.	U
88-74-4-----	2-Nitroaniline	1700.	U
131-11-3-----	Dimethylphthalate	350.	U
208-96-8-----	Acenaphthylene	350.	U
606-20-2-----	2,6-Dinitrotoluene	350.	U
99-09-2-----	3-Nitroaniline	1700.	U
83-32-9-----	Acenaphthene	350.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(4-6)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(4-6)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1597
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 4. decanted: (Y/N) N Date Extracted: 06/04/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 SPC Cleanup: (Y/N) N pH: 8.2

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	1700.	U
100-02-7-----	4-Nitrophenol	1700.	U
132-64-9-----	Dibenzofuran	350.	U
121-14-2-----	2,4-Dinitrotoluene	350.	U
84-66-2-----	Diethylphthalate	350.	U
7005-72-3-----	4-Chlorophenyl-phenylether	350.	U
86-73-7-----	Fluorene	350.	U
100-01-6-----	4-Nitroaniline	1700.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1700.	U
86-30-6-----	n-Nitrosodiphenylamine	350.	U
101-55-3-----	4-Bromophenyl-phenylether	350.	U
118-74-1-----	Hexachlorobenzene	350.	U
87-86-5-----	Pentachlorophenol	1700.	U
85-01-8-----	Phenanthrene	350.	U
120-12-7-----	Anthracene	350.	U
86-74-8-----	Carbazole	350.	U
84-74-2-----	Di-n-butylphthalate	350.	U
206-44-0-----	Fluoranthene	350.	U
129-00-0-----	Pyrene	350.	U
85-68-7-----	Butylbenzylphthalate	350.	U
91-94-1-----	3,3'-Dichlorobenzidine	700.	U
56-55-3-----	Benzo (a) anthracene	350.	U
218-01-9-----	Chrysene	350.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	350 ~~210~~	U ~~210~~
117-84-0-----	Di-n-octylphthalate	350.	U
205-99-2-----	Benzo (b) fluoranthene	350.	U
207-08-9-----	Benzo (k) fluoranthene	350.	U
50-32-8-----	Benzo (a) pyrene	350.	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	350.	U
53-70-3-----	Dibenzo (a,h) anthracene	350.	U
191-24-2-----	Benzo (g,h,i) perylene	350.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000456

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(6-8)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-8TF(6-8)	
Sample wt/vol: 30.0 (g/mL)	G	Lab File ID: B1600	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 7.	decanted: (Y/N) N	Date Extracted: 06/04/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/19/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N		pH: 7.9	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----	Phenol	360.	U
111-44-4-----	bis(2-Chloroethyl) ether	360.	U
95-57-8-----	2-Chlorophenol	360.	U
541-73-1-----	1,3-Dichlorobenzene	360.	U
106-46-7-----	1,4-Dichlorobenzene	360.	U
95-50-1-----	1,2-Dichlorobenzene	240.	J
95-48-7-----	2-Methylphenol	360.	U
108-60-1-----	bis(2-chloroisopropyl) ether	360.	U
106-44-5-----	4-Methylphenol	360.	U
621-64-7-----	n-Nitroso-di-n-propylamine	360.	U
67-72-1-----	Hexachloroethane	360.	U
98-95-3-----	Nitrobenzene	360.	U
78-59-1-----	Isophorone	360.	U
88-75-5-----	2-Nitrophenol	360.	U
105-67-9-----	2,4-Dimethylphenol	360.	U
111-91-1-----	bis(2-Chloroethoxy) methane	360.	U
120-83-2-----	2,4-Dichlorophenol	360.	U
120-82-1-----	1,2,4-Trichlorobenzene	59.	J
91-20-3-----	Naphthalene	72.	J
106-47-8-----	4-Chloroaniline	360.	U
87-68-3-----	Hexachlorobutadiene	360.	U
59-50-7-----	4-Chloro-3-methylphenol	360.	U
91-57-6-----	2-Methylnaphthalene	120.	J
77-47-4-----	Hexachlorocyclopentadiene	360.	U
88-06-2-----	2,4,6-Trichlorophenol	360.	U
95-95-4-----	2,4,5-Trichlorophenol	360.	U
91-58-7-----	2-Chloronaphthalene	360.	U
88-74-4-----	2-Nitroaniline	1800.	U
131-11-3-----	Dimethylphthalate	360.	U
208-96-8-----	Acenaphthylene	360.	U
606-20-2-----	2,6-Dinitrotoluene	360.	U
99-09-2-----	3-Nitroaniline	1800.	U
83-32-9-----	Acenaphthene	360	U

FORM I SV-1

3/90

000461

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(6-8)

Name: AES, Inc.		Contract:		SDG No.: NES-8TF(0-2)
Lab Code: AES	Case No.: HRP0406	SAS No.:	Lab Sample ID: NES-8TF(6-8)	
Matrix: (soil/water) SOIL			Lab File ID: B1600	
Sample wt/vol:	30.0 (g/mL)	G	Date Received: 05/26/04	
Level: (low/med) LOW			Date Extracted: 06/04/04	
% Moisture: 7.	decanted: (Y/N) N		Date Analyzed: 06/19/04	
Concentrated Extract Volume: 2000.0 (uL)			Dilution Factor: 1.0	
Injection Volume: 2.0 (uL)				
3PC Cleanup: (Y/N) N	pH: 7.9			

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1800.	U
100-02-7-----	4-Nitrophenol	1800.	U
132-64-9-----	Dibenzofuran	360.	U
121-14-2-----	2,4-Dinitrotoluene	360.	U
84-66-2-----	Diethylphthalate	360.	U
7005-72-3-----	4-Chlorophenyl-phenylether	360.	U
86-73-7-----	Fluorene	130.	J
100-01-6-----	4-Nitroaniline	1800.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----	n-Nitrosodiphenylamine	360.	U
101-55-3-----	4-Bromophenyl-phenylether	360.	U
118-74-1-----	Hexachlorobenzene	360.	U
87-86-5-----	Pentachlorophenol	1800.	U
85-01-8-----	Phenanthrene	190.	J
120-12-7-----	Anthracene	360.	U
86-74-8-----	Carbazole	360.	U
84-74-2-----	Di-n-butylphthalate	360.	U
206-44-0-----	Fluoranthene	110.	J
129-00-0-----	Pyrene	360	U
85-68-7-----	Butylbenzylphthalate	360.	U
91-94-1-----	3,3'-Dichlorobenzidine	720.	U
56-55-3-----	Benzo(a)anthracene	360	J
218-01-9-----	Chrysene	160.	J
117-81-7-----	bis(2-Ethylhexyl)phthalate	610.	U
117-84-0-----	Di-n-octylphthalate	360.	U
205-99-2-----	Benzo(b)fluoranthene	360	J
207-08-9-----	Benzo(k)fluoranthene	360.	U
50-32-8-----	Benzo(a)pyrene	55.	J
193-39-5-----	Indeno(1,2,3-cd)pyrene	360.	U
53-70-3-----	Dibenzo(a,h)anthracene	360.	U
191-24-2-----	Benzo(g,h,i)perylene	63.	J

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000462

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(0-2)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-9TF(0-2)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1592
 Level: (low/med) LOW Date Received: 05/26/04
 Moisture: 9. decanted: (Y/N) N Date Extracted: 06/04/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	370.	U
111-44-4-----	bis(2-Chloroethyl) ether	370.	U
95-57-8-----	2-Chlorophenol	370.	U
541-73-1-----	1,3-Dichlorobenzene	370.	U
106-46-7-----	1,4-Dichlorobenzene	370.	U
95-50-1-----	1,2-Dichlorobenzene	370.	U
95-48-7-----	2-Methylphenol	370.	U
108-60-1-----	bis(2-chloroisopropyl) ether	370.	U
106-44-5-----	4-Methylphenol	370.	U
621-64-7-----	n-Nitroso-di-n-propylamine	370.	U
67-72-1-----	Hexachloroethane	370.	U
98-95-3-----	Nitrobenzene	370.	U
78-59-1-----	Isophorone	370.	U
88-75-5-----	2-Nitrophenol	370.	U
105-67-9-----	2,4-Dimethylphenol	370.	U
111-91-1-----	bis(2-Chloroethoxy)methane	370.	U
120-83-2-----	2,4-Dichlorophenol	370.	U
120-82-1-----	1,2,4-Trichlorobenzene	370.	U
91-20-3-----	Naphthalene	370.	U
106-47-8-----	4-Chloroaniline	370.	U
87-68-3-----	Hexachlorobutadiene	370.	U
59-50-7-----	4-Chloro-3-methylphenol	370.	U
91-57-6-----	2-Methylnaphthalene	370.	U
77-47-4-----	Hexachlorocyclopentadiene	370.	U
88-06-2-----	2,4,6-Trichlorophenol	370.	U
95-95-4-----	2,4,5-Trichlorophenol	370.	U
91-58-7-----	2-Chloronaphthalene	370.	U
88-74-4-----	2-Nitroaniline	1800.	U
131-11-3-----	Dimethylphthalate	370.	U
208-96-8-----	Acenaphthylene	370.	U
606-20-2-----	2,6-Dinitrotoluene	370.	U
99-09-2-----	3-Nitroaniline	1800.	U
83-32-9-----	Acenaphthene	370.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(0-2)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-9TF(0-2)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1592
 Level: (low/med) LOW Date Received: 05/26/04
 Moisture: 9. decanted: (Y/N) N Date Extracted: 06/04/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 SPC Cleanup: (Y/N) N pH: 7.9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1800.	U
100-02-7-----	4-Nitrophenol	1800.	U
132-64-9-----	Dibenzofuran	370.	U
121-14-2-----	2,4-Dinitrotoluene	370.	U
84-66-2-----	Diethylphthalate	370.	U
7005-72-3-----	4-Chlorophenyl-phenylether	370.	U
86-73-7-----	Fluorene	370.	U
100-01-6-----	4-Nitroaniline	1800.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----	n-Nitrosodiphenylamine	370.	U
101-55-3-----	4-Bromophenyl-phenylether	370.	U
118-74-1-----	Hexachlorobenzene	370.	U
87-86-5-----	Pentachlorophenol	1800.	U
85-01-8-----	Phenanthrene	370.	U
120-12-7-----	Anthracene	370.	U
86-74-8-----	Carbazole	370.	U
84-74-2-----	Di-n-butylphthalate	370.	U
206-44-0-----	Fluoranthene	370.	U
129-00-0-----	Pyrene	370.	U
85-68-7-----	Butylbenzylphthalate	59.	U
91-94-1-----	3,3'-Dichlorobenzidine	730.	U
56-55-3-----	Benzo(a)anthracene	370.	U
218-01-9-----	Chrysene	370.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	470.	U
117-84-0-----	Di-n-octylphthalate	370.	U
205-99-2-----	Benzo(b)fluoranthene	370.	U
207-08-9-----	Benzo(k)fluoranthene	370.	U
50-32-8-----	Benzo(a)pyrene	370.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	370.	U
53-70-3-----	Dibenzo(a,h)anthracene	370.	U
191-24-2-----	Benzo(g,h,i)perylene	370.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000474

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(2-4)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-9TF(2-4)	
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1593	
Level: (low/med) LOW		Date Received: 05/26/04	
Moisture: 6. decanted: (Y/N) N		Date Extracted: 06/04/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/18/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
SPC Cleanup: (Y/N) N	pH: 7.7		

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	350.	U
111-44-4-----	bis(2-Chloroethyl) ether	350.	U
95-57-8-----	2-Chlorophenol	350.	U
541-73-1-----	1,3-Dichlorobenzene	350.	U
106-46-7-----	1,4-Dichlorobenzene	350.	U
95-50-1-----	1,2-Dichlorobenzene	350.	U
95-48-7-----	2-Methylphenol	350.	U
108-60-1-----	bis(2-chloroisopropyl) ether	350.	U
106-44-5-----	4-Methylphenol	350.	U
621-64-7-----	n-Nitroso-di-n-propylamine	350.	U
67-72-1-----	Hexachloroethane	350.	U
98-95-3-----	Nitrobenzene	350.	U
78-59-1-----	Isophorone	350.	U
88-75-5-----	2-Nitrophenol	350.	U
105-67-9-----	2,4-Dimethylphenol	350.	U
111-91-1-----	bis(2-Chloroethoxy) methane	350.	U
120-83-2-----	2,4-Dichlorophenol	350.	U
120-82-1-----	1,2,4-Trichlorobenzene	350.	U
91-20-3-----	Naphthalene	350.	U
106-47-8-----	4-Chloroaniline	350.	U
87-68-3-----	Hexachlorobutadiene	350.	U
59-50-7-----	4-Chloro-3-methylphenol	350.	U
91-57-6-----	2-Methylnaphthalene	350.	U
77-47-4-----	Hexachlorocyclopentadiene	350.	U
88-06-2-----	2,4,6-Trichlorophenol	350.	U
95-95-4-----	2,4,5-Trichlorophenol	350.	U
91-58-7-----	2-Chloronaphthalene	350.	U
88-74-4-----	2-Nitroaniline	1800.	U
131-11-3-----	Dimethylphthalate	350.	U
208-96-8-----	Acenaphthylene	350.	U
606-20-2-----	2,6-Dinitrotoluene	350.	U
99-09-2-----	3-Nitroaniline	1800.	U
83-32-9-----	Acenaphthene	350.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(2-4)

Name: AES, Inc. Contract: _____
Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-9TF(2-4)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1593
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 6. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
SPC Cleanup: (Y/N) N pH: 7.7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1800.	U
100-02-7-----	4-Nitrophenol	1800.	U
132-64-9-----	Dibenzofuran	350.	U
121-14-2-----	2,4-Dinitrotoluene	350.	U
84-66-2-----	Diethylphthalate	350.	U
7005-72-3-----	4-Chlorophenyl-phenylether	350.	U
86-73-7-----	Fluorene	350.	U
100-01-6-----	4-Nitroaniline	1800.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----	n-Nitrosodiphenylamine	350.	U
101-55-3-----	4-Bromophenyl-phenylether	350.	U
118-74-1-----	Hexachlorobenzene	350.	U
87-86-5-----	Pentachlorophenol	1800.	U
85-01-8-----	Phenanthrene	350.	U
120-12-7-----	Anthracene	350.	U
86-74-8-----	Carbazole	350.	U
84-74-2-----	Di-n-butylphthalate	350.	U
206-44-0-----	Fluoranthene	350.	U
129-00-0-----	Pyrene	350.	U
85-68-7-----	Butylbenzylphthalate	350.	U
91-94-1-----	3,3'-Dichlorobenzidine	710.	U
56-55-3-----	Benzo(a)anthracene	350.	U
218-01-9-----	Chrysene	350.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	240.	U
117-84-0-----	Di-n-octylphthalate	350.	U
205-99-2-----	Benzo(b)fluoranthene	350.	U
207-08-9-----	Benzo(k)fluoranthene	350.	U
50-32-8-----	Benzo(a)pyrene	350.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	350.	U
53-70-3-----	Dibenzo(a,h)anthracene	350.	U
191-24-2-----	Benzo(g,h,i)perylene	350.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000479

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(4-6)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-9TF(4-6)	
Sample wt/vol: 30.0	(g/mL) G	Lab File ID: B1594	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 7.	decanted: (Y/N) N	Date Extracted: 06/04/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/18/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N		pH: 7.9	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	360.	U
111-44-4-----bis(2-Chloroethyl) ether	360.	U
95-57-8-----2-Chlorophenol	360.	U
541-73-1-----1,3-Dichlorobenzene	360.	U
106-46-7-----1,4-Dichlorobenzene	360.	U
95-50-1-----1,2-Dichlorobenzene	360.	U
95-48-7-----2-Methylphenol	360.	U
108-60-1-----bis(2-chloroisopropyl) ether	360.	U
106-44-5-----4-Methylphenol	360.	U
621-64-7-----n-Nitroso-di-n-propylamine	360.	U
67-72-1-----Hexachloroethane	360.	U
98-95-3-----Nitrobenzene	360.	U
78-59-1-----Isophorone	360.	U
88-75-5-----2-Nitrophenol	360.	U
105-67-9-----2,4-Dimethylphenol	360.	U
111-91-1-----bis(2-Chloroethoxy) methane	360.	U
120-83-2-----2,4-Dichlorophenol	360.	U
120-82-1-----1,2,4-Trichlorobenzene	360.	U
91-20-3-----Naphthalene	360.	U
106-47-8-----4-Chloroaniline	360.	U
87-68-3-----Hexachlorobutadiene	360.	U
59-50-7-----4-Chloro-3-methylphenol	360.	U
91-57-6-----2-Methylnaphthalene	360.	U
77-47-4-----Hexachlorocyclopentadiene	360.	U
88-06-2-----2,4,6-Trichlorophenol	360.	U
95-95-4-----2,4,5-Trichlorophenol	360.	U
91-58-7-----2-Chloronaphthalene	360.	U
88-74-4-----2-Nitroaniline	1800.	U
131-11-3-----Dimethylphthalate	360.	U
208-96-8-----Acenaphthylene	360.	U
606-20-2-----2,6-Dinitrotoluene	360.	U
99-09-2-----3-Nitroaniline	1800.	U
83-32-9-----Acenaphthene	360.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(4-6)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-9TF(4-6)	
Sample wt/vol:	30.0 (g/mL)	G	Lab File ID: B1594
Level: (low/med) LOW	Date Received: 05/26/04		
% Moisture: 7. decanted: (Y/N) N	Date Extracted: 06/04/04		
Concentrated Extract Volume: 2000.0 (uL)	Date Analyzed: 06/18/04		
Injection Volume: 2.0 (uL)	Dilution Factor: 1.0		
GPC Cleanup: (Y/N) N	pH: 7.9		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

51-28-5-----2,4-Dinitrophenol	1800.	U
100-02-7-----4-Nitrophenol	1800.	U
132-64-9-----Dibenzofuran	360.	U
121-14-2-----2,4-Dinitrotoluene	360.	U
84-66-2-----Diethylphthalate	360.	U
7005-72-3-----4-Chlorophenyl-phenylether	360.	U
86-73-7-----Fluorene	360.	U
100-01-6-----4-Nitroaniline	1800.	U
534-52-1-----4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----n-Nitrosodiphenylamine	360.	U
101-55-3-----4-Bromophenyl-phenylether	360.	U
118-74-1-----Hexachlorobenzene	360.	U
87-86-5-----Pentachlorophenol	1800.	U
85-01-8-----Phenanthrene	360.	U
120-12-7-----Anthracene	360.	U
86-74-8-----Carbazole	360.	U
84-74-2-----Di-n-butylphthalate	360.	U
206-44-0-----Fluoranthene	360.	U
129-00-0-----Pyrene	360.	U
85-68-7-----Butylbenzylphthalate	360.	U
91-94-1-----3,3'-Dichlorobenzidine	720.	U
56-55-3-----Benzo(a)anthracene	360.	U
218-01-9-----Chrysene	360.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	360 ~~280~~	U ~~DIU~~
117-84-0-----Di-n-octylphthalate	360.	U
205-99-2-----Benzo(b)fluoranthene	360.	U
207-08-9-----Benzo(k)fluoranthene	360.	U
50-32-8-----Benzo(a)pyrene	360.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	360.	U
53-70-3-----Dibenzo(a,h)anthracene	360.	U
191-24-2-----Benzo(g,h,i)perylene	360.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000484

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(0-2)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-14, SEEP(0-2)	
Sample wt/vol: 30.0 (g/mL)	G	Lab File ID: B1530	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 16.	decanted: (Y/N) N	Date Extracted: 06/04/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/15/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 8.7		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	400.	U
111-44-4-----bis(2-Chloroethyl) ether	400.	U
95-57-8-----2-Chlorophenol	400.	U
541-73-1-----1,3-Dichlorobenzene	400.	U
106-46-7-----1,4-Dichlorobenzene	400.	U
95-50-1-----1,2-Dichlorobenzene	400.	U
95-48-7-----2-Methylphenol	400.	U
108-60-1-----bis(2-chloroisopropyl) ether	400.	U
106-44-5-----4-Methylphenol	400.	U
621-64-7-----n-Nitroso-di-n-propylamine	400.	U
67-72-1-----Hexachloroethane	400.	U
98-95-3-----Nitrobenzene	400.	U
78-59-1-----Isophorone	400.	U
88-75-5-----2-Nitrophenol	400.	U
105-67-9-----2,4-Dimethylphenol	400.	U
111-91-1-----bis(2-Chloroethoxy) methane	400.	U
120-83-2-----2,4-Dichlorophenol	400.	U
120-82-1-----1,2,4-Trichlorobenzene	400.	U
91-20-3-----Naphthalene	400.	U
106-47-8-----4-Chloroaniline	400.	U
87-68-3-----Hexachlorobutadiene	400.	U
59-50-7-----4-Chloro-3-methylphenol	400.	U
91-57-6-----2-Methylnaphthalene	400.	U
77-47-4-----Hexachlorocyclopentadiene	400.	U
88-06-2-----2,4,6-Trichlorophenol	400.	U
95-95-4-----2,4,5-Trichlorophenol	400.	U
91-58-7-----2-Chloronaphthalene	400.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	400.	U
208-96-8-----Acenaphthylene	400.	U
606-20-2-----2,6-Dinitrotoluene	400.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	400.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(0-2)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP(0-2)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1530
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 16. decanted: (Y/N) N Date Extracted: 06/04/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/15/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.7

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2000.	U
100-02-7-----	4-Nitrophenol	2000.	U
132-64-9-----	Dibenzofuran	400.	U
121-14-2-----	2,4-Dinitrotoluene	400.	U
84-66-2-----	Diethylphthalate	400.	U
7005-72-3-----	4-Chlorophenyl-phenylether	400.	U
86-73-7-----	Fluorene	400.	U
100-01-6-----	4-Nitroaniline	2000.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----	n-Nitrosodiphenylamine	400.	U
101-55-3-----	4-Bromophenyl-phenylether	400.	U
118-74-1-----	Hexachlorobenzene	400.	U
87-86-5-----	Pentachlorophenol	2000.	U
85-01-8-----	Phenanthrene	400.	U
120-12-7-----	Anthracene	400.	U
86-74-8-----	Carbazole	400.	U
84-74-2-----	Di-n-butylphthalate	400.	U
206-44-0-----	Fluoranthene	400.	U
129-00-0-----	Pyrene	400.	U
85-68-7-----	Butylbenzylphthalate	400.	U
91-94-1-----	3,3'-Dichlorobenzidine	790.	U
56-55-3-----	Benzo(a)anthracene	400.	U
218-01-9-----	Chrysene	400.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	400.46	U
117-84-0-----	Di-n-octylphthalate	400.	U
205-99-2-----	Benzo(b)fluoranthene	400.	U
207-08-9-----	Benzo(k)fluoranthene	400.	U
50-32-8-----	Benzo(a)pyrene	400.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	400.	U
53-70-3-----	Dibenzo(a,h)anthracene	400.	U
191-24-2-----	Benzo(g,h,i)perylene	400.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000489

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (2-4)

Name: AES, Inc.		Contract:	
Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-14, SEEP(2-4)	
Sample wt/vol:	30.0 (g/mL)	G	Lab File ID: B1468
Level:	(low/med) LOW		Date Received: 05/26/04
% Moisture:	19. decanted: (Y/N) N		Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL)			Date Analyzed: 06/10/04
Injection Volume:	2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup:	(Y/N) N	pH: 8.6	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----	Phenol	410.	U
111-44-4-----	bis(2-Chloroethyl) ether	410.	U
95-57-8-----	2-Chlorophenol	410.	U
541-73-1-----	1,3-Dichlorobenzene	410.	U
106-46-7-----	1,4-Dichlorobenzene	410.	U
95-50-1-----	1,2-Dichlorobenzene	410.	U
95-48-7-----	2-Methylphenol	410.	U
108-60-1-----	bis(2-chloroisopropyl) ether	410.	U
106-44-5-----	4-Methylphenol	410.	U
621-64-7-----	n-Nitroso-di-n-propylamine	410.	U
67-72-1-----	Hexachloroethane	410.	U
98-95-3-----	Nitrobenzene	410.	U
78-59-1-----	Isophorone	410.	U
88-75-5-----	2-Nitrophenol	410.	U
105-67-9-----	2,4-Dimethylphenol	410.	U
111-91-1-----	bis(2-Chloroethoxy)methane	410.	U
120-83-2-----	2,4-Dichlorophenol	410.	U
120-82-1-----	1,2,4-Trichlorobenzene	410.	U
91-20-3-----	Naphthalene	410.	U
106-47-8-----	4-Chloroaniline	410.	U
87-68-3-----	Hexachlorobutadiene	410.	U
59-50-7-----	4-Chloro-3-methylphenol	410.	U
91-57-6-----	2-Methylnaphthalene	410.	U
77-47-4-----	Hexachlorocyclopentadiene	410.	U
88-06-2-----	2,4,6-Trichlorophenol	410.	U
95-95-4-----	2,4,5-Trichlorophenol	410.	U
91-58-7-----	2-Chloronaphthalene	410.	U
88-74-4-----	2-Nitroaniline	2100.	U
131-11-3-----	Dimethylphthalate	410.	U
208-96-8-----	Acenaphthylene	410.	U
606-20-2-----	2,6-Dinitrotoluene	410.	U
99-09-2-----	3-Nitroaniline	2100.	U
83-32-9-----	Acenaphthene	410.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(2-4)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14,SEEP(2-4)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1468
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 19. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.6

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	410.	U
121-14-2-----	2,4-Dinitrotoluene	410.	U
84-66-2-----	Diethylphthalate	410.	U
7005-72-3-----	4-Chlorophenyl-phenylether	410.	U
86-73-7-----	Fluorene	410.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	410.	U
101-55-3-----	4-Bromophenyl-phenylether	410.	U
118-74-1-----	Hexachlorobenzene	410.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	410.	U
120-12-7-----	Anthracene	410.	U
86-74-8-----	Carbazole	410.	U
84-74-2-----	Di-n-butylphthalate	410.	U
206-44-0-----	Fluoranthene	410.	U
129-00-0-----	Pyrene	410.	U
85-68-7-----	Butylbenzylphthalate	410.	U
91-94-1-----	3,3'-Dichlorobenzidine	820.	U
56-55-3-----	Benzo (a) anthracene	410.	U
218-01-9-----	Chrysene	410.	U
117-81-7-----	bis(2-Ethylhexyl) phthalate	410-110	U
117-84-0-----	Di-n-octylphthalate	410.	U
205-99-2-----	Benzo (b) fluoranthene	410.	U
207-08-9-----	Benzo (k) fluoranthene	410.	U
50-32-8-----	Benzo (a) pyrene	410.	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	410.	U
53-70-3-----	Dibenzo (a,h) anthracene	410.	U
191-24-2-----	Benzo (g,h,i) perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000494

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (4-6)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP (4-6)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1574
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 24. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/17/04
Injection Volume: 1.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.5

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	440.	U
111-44-4-----	bis(2-Chloroethyl)ether	440.	U
95-57-8-----	2-Chlorophenol	440.	U
541-73-1-----	1,3-Dichlorobenzene	440.	U
106-46-7-----	1,4-Dichlorobenzene	440.	U
95-50-1-----	1,2-Dichlorobenzene	440.	U
95-48-7-----	2-Methylphenol	440.	U
108-60-1-----	bis(2-chloroisopropyl)ether	440.	U
106-44-5-----	4-Methylphenol	440.	U
621-64-7-----	n-Nitroso-di-n-propylamine	440.	U
67-72-1-----	Hexachloroethane	440.	U
98-95-3-----	Nitrobenzene	440.	U
78-59-1-----	Isophorone	440.	U
88-75-5-----	2-Nitrophenol	440.	U
105-67-9-----	2,4-Dimethylphenol	440.	U
111-91-1-----	bis(2-Chloroethoxy)methane	440.	U
120-83-2-----	2,4-Dichlorophenol	440.	U
120-82-1-----	1,2,4-Trichlorobenzene	440.	U
91-20-3-----	Naphthalene	440.	U
106-47-8-----	4-Chloroaniline	440.	U
87-68-3-----	Hexachlorobutadiene	440.	U
59-50-7-----	4-Chloro-3-methylphenol	440.	U
91-57-6-----	2-Methylnaphthalene	440.	U
77-47-4-----	Hexachlorocyclopentadiene	440.	U
88-06-2-----	2,4,6-Trichlorophenol	440.	U
95-95-4-----	2,4,5-Trichlorophenol	440.	U
91-58-7-----	2-Chloronaphthalene	440.	U
88-74-4-----	2-Nitroaniline	2200.	U
131-11-3-----	Dimethylphthalate	440.	U
208-96-8-----	Acenaphthylene	440.	U
606-20-2-----	2,6-Dinitrotoluene	440.	U
99-09-2-----	3-Nitroaniline	2200.	U
83-32-9-----	Acenaphthene	440.	U

FORM I SV-1

3/90

000498

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (4-6)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP(4-6)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1574
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 24. decanted: (Y/N) N Date Extracted: 06/04/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/17/04
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.5

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2200.	U
100-02-7-----	4-Nitrophenol	2200.	U
132-64-9-----	Dibenzofuran	440.	U
121-14-2-----	2,4-Dinitrotoluene	440.	U
84-66-2-----	Diethylphthalate	440.	U
7005-72-3-----	4-Chlorophenyl-phenylether	440.	U
86-73-7-----	Fluorene	440.	U
100-01-6-----	4-Nitroaniline	2200.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	n-Nitrosodiphenylamine	440.	U
101-55-3-----	4-Bromophenyl-phenylether	440.	U
118-74-1-----	Hexachlorobenzene	440.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	440.	U
120-12-7-----	Anthracene	440.	U
86-74-8-----	Carbazole	440.	U
84-74-2-----	Di-n-butylphthalate	440.	U
206-44-0-----	Fluoranthene	440.	U
129-00-0-----	Pyrene	440.	U
85-68-7-----	Butylbenzylphthalate	440.	U
91-94-1-----	3,3'-Dichlorobenzidine	880.	U
56-55-3-----	Benzo(a)anthracene	440.	U
218-01-9-----	Chrysene	440.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	440.	U
117-84-0-----	Di-n-octylphthalate	440.	U
205-99-2-----	Benzo(b)fluoranthene	440.	U
207-08-9-----	Benzo(k)fluoranthene	440.	U
50-32-8-----	Benzo(a)pyrene	440.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	440.	U
53-70-3-----	Dibenzo(a,h)anthracene	440.	U
191-24-2-----	Benzo(g,h,i)perylene	440.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000499

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (6-8)

Name: AES, Inc.	Contract:	SDG No.: NES-8TF(0-2)
Lab Code: AES	Case No.: HRP0406	SAS No.:
Matrix: (soil/water) SOIL		Lab Sample ID: NES-14, SEEP(6-8)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1546
Level: (low/med) LOW		Date Received: 05/26/04
% Moisture: 24. decanted: (Y/N) N		Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/16/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 8.0	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	440.	U
111-44-4-----bis(2-Chloroethyl) ether	440.	U
95-57-8-----2-Chlorophenol	440.	U
541-73-1-----1,3-Dichlorobenzene	440.	U
106-46-7-----1,4-Dichlorobenzene	440.	U
95-50-1-----1,2-Dichlorobenzene	440.	U
95-48-7-----2-Methylphenol	440.	U
108-60-1-----bis(2-chloroisopropyl) ether	440.	U
106-44-5-----4-Methylphenol	440.	U
621-64-7-----n-Nitroso-di-n-propylamine	440.	U
67-72-1-----Hexachloroethane	440.	U
98-95-3-----Nitrobenzene	440.	U
78-59-1-----Isophorone	440.	U
88-75-5-----2-Nitrophenol	440.	U
105-67-9-----2,4-Dimethylphenol	440.	U
111-91-1-----bis(2-Chloroethoxy)methane	440.	U
120-83-2-----2,4-Dichlorophenol	440.	U
120-82-1-----1,2,4-Trichlorobenzene	440.	U
91-20-3-----Naphthalene	440.	U
106-47-8-----4-Chloroaniline	440.	U
87-68-3-----Hexachlorobutadiene	440.	U
59-50-7-----4-Chloro-3-methylphenol	440.	U
91-57-6-----2-Methylnaphthalene	440.	U
77-47-4-----Hexachlorocyclopentadiene	440.	U
88-06-2-----2,4,6-Trichlorophenol	440.	U
95-95-4-----2,4,5-Trichlorophenol	440.	U
91-58-7-----2-Chloronaphthalene	440.	U
88-74-4-----2-Nitroaniline	2200.	U
131-11-3-----Dimethylphthalate	440.	U
208-96-8-----Acenaphthylene	440.	U
606-20-2-----2,6-Dinitrotoluene	440.	U
99-09-2-----3-Nitroaniline	2200.	U
83-32-9-----Acenaphthene	440.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (6-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14,SEEP(6-8)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1546
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 24. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/16/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2200.	U
100-02-7-----	4-Nitrophenol	2200.	U
132-64-9-----	Dibenzofuran	440.	U
121-14-2-----	2,4-Dinitrotoluene	440.	U
84-66-2-----	Diethylphthalate	440.	U
7005-72-3-----	4-Chlorophenyl-phenylether	440.	U
86-73-7-----	Fluorene	440.	U
100-01-6-----	4-Nitroaniline	2200.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	n-Nitrosodiphenylamine	440.	U
101-55-3-----	4-Bromophenyl-phenylether	440.	U
118-74-1-----	Hexachlorobenzene	440.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	440.	U
120-12-7-----	Anthracene	440.	U
86-74-8-----	Carbazole	440.	U
84-74-2-----	Di-n-butylphthalate	440.	U
206-44-0-----	Fluoranthene	440.	U
129-00-0-----	Pyrene	440.	U
85-68-7-----	Butylbenzylphthalate	440.	U
91-94-1-----	3,3'-Dichlorobenzidine	880.	U
56-55-3-----	Benzo(a)anthracene	440.	U
218-01-9-----	Chrysene	440.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	440-64.	U
117-84-0-----	Di-n-octylphthalate	440.	U
205-99-2-----	Benzo(b)fluoranthene	440.	U
207-08-9-----	Benzo(k)fluoranthene	440.	U
50-32-8-----	Benzo(a)pyrene	440.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	440.	U
53-70-3-----	Dibenzo(a,h)anthracene	440.	U
191-24-2-----	Benzo(g,h,i)perylene	440.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000503

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(8-10)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-14,SEEP(8-10)	
Sample wt/vol:	30.0 (g/mL)	G	Lab File ID: B1573
Level: (low/med) LOW			Date Received: 05/26/04
% Moisture: 17. decanted: (Y/N) N			Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/17/04	
Injection Volume: 2.0 (uL)			Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 8.3		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	400.	U
111-44-4-----bis(2-Chloroethyl) ether	400.	U
95-57-8-----2-Chlorophenol	400.	U
541-73-1-----1,3-Dichlorobenzene	400.	U
106-46-7-----1,4-Dichlorobenzene	400.	U
95-50-1-----1,2-Dichlorobenzene	400.	U
95-48-7-----2-Methylphenol	400.	U
108-60-1-----bis(2-chloroisopropyl) ether	400.	U
106-44-5-----4-Methylphenol	400.	U
621-64-7-----n-Nitroso-di-n-propylamine	400.	U
67-72-1-----Hexachloroethane	400.	U
98-95-3-----Nitrobenzene	400.	U
78-59-1-----Isophorone	400.	U
88-75-5-----2-Nitrophenol	400.	U
105-67-9-----2,4-Dimethylphenol	400.	U
111-91-1-----bis(2-Chloroethoxy) methane	400.	U
120-83-2-----2,4-Dichlorophenol	400.	U
120-82-1-----1,2,4-Trichlorobenzene	400.	U
91-20-3-----Naphthalene	400.	U
106-47-8-----4-Chloroaniline	400.	U
87-68-3-----Hexachlorobutadiene	400.	U
59-50-7-----4-Chloro-3-methylphenol	400.	U
91-57-6-----2-Methylnaphthalene	400.	U
77-47-4-----Hexachlorocyclopentadiene	400.	U
88-06-2-----2,4,6-Trichlorophenol	400.	U
95-95-4-----2,4,5-Trichlorophenol	400.	U
91-58-7-----2-Chloronaphthalene	400.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	400.	U
208-96-8-----Acenaphthylene	400.	U
606-20-2-----2,6-Dinitrotoluene	400.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	400.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.:
Matrix: (soil/water) SOIL Lab Sample ID: NES-8TF(0-2)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1573
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 17. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/17/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.3

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2000.	U
100-02-7-----	4-Nitrophenol	2000.	U
132-64-9-----	Dibenzofuran	400.	U
121-14-2-----	2,4-Dinitrotoluene	400.	U
84-66-2-----	Diethylphthalate	400.	U
7005-72-3-----	4-Chlorophenyl-phenylether	400.	U
86-73-7-----	Fluorene	400.	U
100-01-6-----	4-Nitroaniline	2000.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----	n-Nitrosodiphenylamine	400.	U
101-55-3-----	4-Bromophenyl-phenylether	400.	U
118-74-1-----	Hexachlorobenzene	400.	U
87-86-5-----	Pentachlorophenol	2000.	U
85-01-8-----	Phenanthrene	400.	U
120-12-7-----	Anthracene	400.	U
86-74-8-----	Carbazole	400.	U
84-74-2-----	Di-n-butylphthalate	400.	U
206-44-0-----	Fluoranthene	400.	U
129-00-0-----	Pyrene	400.	U
85-68-7-----	Butylbenzylphthalate	400.	U
91-94-1-----	3,3'-Dichlorobenzidine	800.	U
56-55-3-----	Benzo(a)anthracene	400.	U
218-01-9-----	Chrysene	400.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	400-440.	U
117-84-0-----	Di-n-octylphthalate	400.	U
205-99-2-----	Benzo(b)fluoranthene	400.	U
207-08-9-----	Benzo(k)fluoranthene	400.	U
50-32-8-----	Benzo(a)pyrene	400.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	400.	U
53-70-3-----	Dibenzo(a,h)anthracene	400.	U
191-24-2-----	Benzo(g,h,i)perylene	400.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000508

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(10-12)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-14,SEEP(10-12)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1522
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 23. decanted: (Y/N) N Date Extracted: 06/04/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/15/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	430.	U
111-44-4-----	bis(2-Chloroethyl) ether	430.	U
95-57-8-----	2-Chlorophenol	430.	U
541-73-1-----	1,3-Dichlorobenzene	430.	U
106-46-7-----	1,4-Dichlorobenzene	430.	U
95-50-1-----	1,2-Dichlorobenzene	430.	U
95-48-7-----	2-Methylphenol	430.	U
108-60-1-----	bis(2-chloroisopropyl) ether	430.	U
106-44-5-----	4-Methylphenol	430.	U
621-64-7-----	n-Nitroso-di-n-propylamine	430.	U
67-72-1-----	Hexachloroethane	430.	U
98-95-3-----	Nitrobenzene	430.	U
78-59-1-----	Isophorone	430.	U
88-75-5-----	2-Nitrophenol	430.	U
105-67-9-----	2,4-Dimethylphenol	430.	U
111-91-1-----	bis(2-Chloroethoxy) methane	430.	U
120-83-2-----	2,4-Dichlorophenol	430.	U
120-82-1-----	1,2,4-Trichlorobenzene	430.	U
91-20-3-----	Naphthalene	430.	U
106-47-8-----	4-Chloroaniline	430.	U
87-68-3-----	Hexachlorobutadiene	430.	U
59-50-7-----	4-Chloro-3-methylphenol	430.	U
91-57-6-----	2-Methylnaphthalene	430.	U
77-47-4-----	Hexachlorocyclopentadiene	430.	U
88-06-2-----	2,4,6-Trichlorophenol	430.	U
95-95-4-----	2,4,5-Trichlorophenol	430.	U
91-58-7-----	2-Chloronaphthalene	430.	U
88-74-4-----	2-Nitroaniline	2200.	U
131-11-3-----	Dimethylphthalate	430.	U
208-96-8-----	Acenaphthylene	430.	U
606-20-2-----	2,6-Dinitrotoluene	430.	U
99-09-2-----	3-Nitroaniline	2200.	U
83-32-9-----	Acenaphthene	430.	U

FORM I SV-1

3/90

000512

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(10-12)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP(10-12)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1522
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 23. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/15/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	2200.	U
100-02-7-----	4-Nitrophenol	2200.	U
132-64-9-----	Dibenzofuran	430.	U
121-14-2-----	2,4-Dinitrotoluene	430.	U
84-66-2-----	Diethylphthalate	430.	U
7005-72-3-----	4-Chlorophenyl-phenylether	430.	U
86-73-7-----	Fluorene	430.	U
100-01-6-----	4-Nitroaniline	2200.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	n-Nitrosodiphenylamine	430.	U
101-55-3-----	4-Bromophenyl-phenylether	430.	U
118-74-1-----	Hexachlorobenzene	430.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	430.	U
120-12-7-----	Anthracene	430.	U
86-74-8-----	Carbazole	430.	U
84-74-2-----	Di-n-butylphthalate	430.	U
206-44-0-----	Fluoranthene	430.	U
129-00-0-----	Pyrene	430.	U
85-68-7-----	Butylbenzylphthalate	430.	U
91-94-1-----	3,3'-Dichlorobenzidine	870.	U
56-55-3-----	Benzo(a)anthracene	430.	U
218-01-9-----	Chrysene	430.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	430. ~~430~~	U
117-84-0-----	Di-n-octylphthalate	430.	U
205-99-2-----	Benzo(b)fluoranthene	430.	U
207-08-9-----	Benzo(k)fluoranthene	430.	U
50-32-8-----	Benzo(a)pyrene	430.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	430.	U
53-70-3-----	Dibenzo(a,h)anthracene	430.	U
191-24-2-----	Benzo(g,h,i)perylene	430.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000513

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (12-14)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-14, SEEP(12-14)	
Sample wt/vol: 30.0 (g/mL)	G	Lab File ID: B1585	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 20.	decanted: (Y/N) N	Date Extracted: 06/04/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/18/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 8.1		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	420.	U
111-44-4-----bis(2-Chloroethyl) ether	420.	U
95-57-8-----2-Chlorophenol	420.	U
541-73-1-----1,3-Dichlorobenzene	420.	U
106-46-7-----1,4-Dichlorobenzene	420.	U
95-50-1-----1,2-Dichlorobenzene	420.	U
95-48-7-----2-Methylphenol	420.	U
108-60-1-----bis(2-chloroisopropyl) ether	420.	U
106-44-5-----4-Methylphenol	420.	U
621-64-7-----n-Nitroso-di-n-propylamine	420.	U
67-72-1-----Hexachloroethane	420.	U
98-95-3-----Nitrobenzene	420.	U
78-59-1-----Isophorone	420.	U
88-75-5-----2-Nitrophenol	420.	U
105-67-9-----2,4-Dimethylphenol	420.	U
111-91-1-----bis(2-Chloroethoxy) methane	420.	U
120-83-2-----2,4-Dichlorophenol	420.	U
120-82-1-----1,2,4-Trichlorobenzene	420.	U
91-20-3-----Naphthalene	420.	U
106-47-8-----4-Chloroaniline	420.	U
87-68-3-----Hexachlorobutadiene	420.	U
59-50-7-----4-Chloro-3-methylphenol	420.	U
91-57-6-----2-Methylnaphthalene	420.	U
77-47-4-----Hexachlorocyclopentadiene	420.	U
88-06-2-----2,4,6-Trichlorophenol	420.	U
95-95-4-----2,4,5-Trichlorophenol	420.	U
91-58-7-----2-Chloronaphthalene	420.	U
88-74-4-----2-Nitroaniline	2100.	U
131-11-3-----Dimethylphthalate	420.	U
208-96-8-----Acenaphthylene	420.	U
606-20-2-----2,6-Dinitrotoluene	420.	U
99-09-2-----3-Nitroaniline	2100.	U
83-32-9-----Acenaphthene	420.	U

FORM I SV-1

000517^{3/90}

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (12-14)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP (12-14)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1585
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 20. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.1

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	420.	U
121-14-2-----	2,4-Dinitrotoluene	420.	U
84-66-2-----	Diethylphthalate	420.	U
7005-72-3-----	4-Chlorophenyl-phenylether	420.	U
86-73-7-----	Fluorene	420.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	420.	U
101-55-3-----	4-Bromophenyl-phenylether	420.	U
118-74-1-----	Hexachlorobenzene	420.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	420.	U
120-12-7-----	Anthracene	420.	U
86-74-8-----	Carbazole	420.	U
84-74-2-----	Di-n-butylphthalate	420.	U
206-44-0-----	Fluoranthene	420.	U
129-00-0-----	Pyrene	420.	U
85-68-7-----	Butylbenzylphthalate	420.	U
91-94-1-----	3,3'-Dichlorobenzidine	830.	U
56-55-3-----	Benzo(a)anthracene	420.	U
218-01-9-----	Chrysene	420.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	420	U
117-84-0-----	Di-n-octylphthalate	420.	U
205-99-2-----	Benzo(b)fluoranthene	420.	U
207-08-9-----	Benzo(k)fluoranthene	420.	U
50-32-8-----	Benzo(a)pyrene	420.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	420.	U
53-70-3-----	Dibenzo(a,h)anthracene	420.	U
191-24-2-----	Benzo(g,h,i)perylene	420.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000518

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP(14-16)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14,SEEP(14-16)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1591
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 21. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.8

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	420.	U
111-44-4-----	bis(2-Chloroethyl) ether	420.	U
95-57-8-----	2-Chlorophenol	420.	U
541-73-1-----	1,3-Dichlorobenzene	420.	U
106-46-7-----	1,4-Dichlorobenzene	420.	U
95-50-1-----	1,2-Dichlorobenzene	420.	U
95-48-7-----	2-Methylphenol	420.	U
108-60-1-----	bis(2-chloroisopropyl) ether	420.	U
106-44-5-----	4-Methylphenol	420.	U
621-64-7-----	n-Nitroso-di-n-propylamine	420.	U
67-72-1-----	Hexachloroethane	420.	U
98-95-3-----	Nitrobenzene	420.	U
78-59-1-----	Isophorone	420.	U
88-75-5-----	2-Nitrophenol	420.	U
105-67-9-----	2,4-Dimethylphenol	420.	U
111-91-1-----	bis(2-Chloroethoxy) methane	420.	U
120-83-2-----	2,4-Dichlorophenol	420.	U
120-82-1-----	1,2,4-Trichlorobenzene	420.	U
91-20-3-----	Naphthalene	420.	U
106-47-8-----	4-Chloroaniline	420.	U
87-68-3-----	Hexachlorobutadiene	420.	U
59-50-7-----	4-Chloro-3-methylphenol	420.	U
91-57-6-----	2-Methylnaphthalene	420.	U
77-47-4-----	Hexachlorocyclopentadiene	420.	U
88-06-2-----	2,4,6-Trichlorophenol	420.	U
95-95-4-----	2,4,5-Trichlorophenol	420.	U
91-58-7-----	2-Chloronaphthalene	420.	U
88-74-4-----	2-Nitroaniline	2100.	U
131-11-3-----	Dimethylphthalate	420.	U
208-96-8-----	Acenaphthylene	420.	U
606-20-2-----	2,6-Dinitrotoluene	420.	U
99-09-2-----	3-Nitroaniline	2100.	U
83-32-9-----	Acenaphthene	420.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP (14-16)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-14, SEEP(14-16)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1591
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 21. decanted: (Y/N) N Date Extracted: 06/04/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.8

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	420.	U
121-14-2-----	2,4-Dinitrotoluene	420.	U
84-66-2-----	Diethylphthalate	420.	U
7005-72-3-----	4-Chlorophenyl-phenylether	420.	U
86-73-7-----	Fluorene	420.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	420.	U
101-55-3-----	4-Bromophenyl-phenylether	420.	U
118-74-1-----	Hexachlorobenzene	420.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	420.	U
120-12-7-----	Anthracene	420.	U
86-74-8-----	Carbazole	420.	U
84-74-2-----	Di-n-butylphthalate	420.	U
206-44-0-----	Fluoranthene	420.	U
129-00-0-----	Pyrene	420.	U
85-68-7-----	Butylbenzylphthalate	420.	U
91-94-1-----	3,3'-Dichlorobenzidine	840.	U
56-55-3-----	Benzo(a)anthracene	420.	U
218-01-9-----	Chrysene	420.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	420.230	U
117-84-0-----	Di-n-octylphthalate	420.	U
205-99-2-----	Benzo(b)fluoranthene	420.	U
207-08-9-----	Benzo(k)fluoranthene	420.	U
50-32-8-----	Benzo(a)pyrene	420.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	420.	U
53-70-3-----	Dibenzo(a,h)anthracene	420.	U
191-24-2-----	Benzo(g,h,i)perylene	420.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000523

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(2-4)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-15BA(2-4)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1465
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 12. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
Injection Volume: 2.0 (uL) Dilution Factor: 1:0
GPC Cleanup: (Y/N) N pH: 6.5

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	380.	U
111-44-4-----	bis(2-Chloroethyl) ether	380.	U
95-57-8-----	2-Chlorophenol	380.	U
541-73-1-----	1,3-Dichlorobenzene	380.	U
106-46-7-----	1,4-Dichlorobenzene	380.	U
95-50-1-----	1,2-Dichlorobenzene	380.	U
95-48-7-----	2-Methylphenol	380.	U
108-60-1-----	bis(2-chloroisopropyl) ether	380.	U
106-44-5-----	4-Methylphenol	380.	U
621-64-7-----	n-Nitroso-di-n-propylamine	380.	U
67-72-1-----	Hexachloroethane	380.	U
98-95-3-----	Nitrobenzene	380.	U
78-59-1-----	Isophorone	380.	U
88-75-5-----	2-Nitrophenol	380.	U
105-67-9-----	2,4-Dimethylphenol	380.	U
111-91-1-----	bis(2-Chloroethoxy) methane	380.	U
120-83-2-----	2,4-Dichlorophenol	380.	U
120-82-1-----	1,2,4-Trichlorobenzene	380.	U
91-20-3-----	Naphthalene	380.	U
106-47-8-----	4-Chloroaniline	380.	U
87-68-3-----	Hexachlorobutadiene	380.	U
59-50-7-----	4-Chloro-3-methylphenol	380.	U
91-57-6-----	2-Methylnaphthalene	380.	U
77-47-4-----	Hexachlorocyclopentadiene	380.	U
88-06-2-----	2,4,6-Trichlorophenol	380.	U
95-95-4-----	2,4,5-Trichlorophenol	380.	U
91-58-7-----	2-Chloronaphthalene	380.	U
88-74-4-----	2-Nitroaniline	1900.	U
131-11-3-----	Dimethylphthalate	380.	U
208-96-8-----	Acenaphthylene	380.	U
606-20-2-----	2,6-Dinitrotoluene	380.	U
99-09-2-----	3-Nitroaniline	1900.	U
83-32-9-----	Acenaphthene	380.	U

FORM I SV-1

3/90

000527

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(2-4)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
Matrix: (soil/water) SOIL Lab Sample ID: NES-15BA(2-4)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1465
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 12. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.5

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	1900.	U
100-02-7-----4-Nitrophenol	1900.	U
132-64-9-----Dibenzofuran	380.	U
121-14-2-----2,4-Dinitrotoluene	380.	U
84-66-2-----Diethylphthalate	380.	U
7005-72-3-----4-Chlorophenyl-phenylether	380.	U
86-73-7-----Fluorene	380.	U
100-01-6-----4-Nitroaniline	1900.	U
534-52-1-----4,6-Dinitro-2-methylphenol	1900.	U
86-30-6-----n-Nitrosodiphenylamine	380.	U
101-55-3-----4-Bromophenyl-phenylether	380.	U
118-74-1-----Hexachlorobenzene	380.	U
87-86-5-----Pentachlorophenol	1900.	U
85-01-8-----Phenanthrene	380.	U
120-12-7-----Anthracene	380.	U
86-74-8-----Carbazole	380.	U
84-74-2-----Di-n-butylphthalate	380.	U
206-44-0-----Fluoranthene	380.	U
129-00-0-----Pyrene	380.	U
85-68-7-----Butylbenzylphthalate	380.	U
91-94-1-----3,3'-Dichlorobenzidine	760.	U
56-55-3-----Benzo(a)anthracene	380.	U
218-01-9-----Chrysene	380.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	380 ~~220~~	U
117-84-0-----Di-n-octylphthalate	380.	U
205-99-2-----Benzo(b)fluoranthene	380.	U
207-08-9-----Benzo(k)fluoranthene	380.	U
50-32-8-----Benzo(a)pyrene	380.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	380.	U
53-70-3-----Dibenzo(a,h)anthracene	380.	U
191-24-2-----Benzo(g,h,i)perylene	380.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000528

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEDIMENT POND

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: SEDIMENT POND
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1598
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: 53. decanted: (Y/N) N Date Extracted: 06/04/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2	Phenol	710.	U
111-44-4	bis(2-Chloroethyl) ether	710.	U
95-57-8	2-Chlorophenol	710.	U
541-73-1	1,3-Dichlorobenzene	710.	U
106-46-7	1,4-Dichlorobenzene	710.	U
95-50-1	1,2-Dichlorobenzene	710.	U
95-48-7	2-Methylphenol	710.	U
108-60-1	bis(2-chloroisopropyl) ether	710.	U
106-44-5	4-Methylphenol	710.	U
621-64-7	n-Nitroso-di-n-propylamine	710.	U
67-72-1	Hexachloroethane	710.	U
98-95-3	Nitrobenzene	710.	U
78-59-1	Isophorone	710.	U
88-75-5	2-Nitrophenol	710.	U
105-67-9	2,4-Dimethylphenol	710.	U
111-91-1	bis(2-Chloroethoxy) methane	710.	U
120-83-2	2,4-Dichlorophenol	710.	U
120-82-1	1,2,4-Trichlorobenzene	710.	U
91-20-3	Naphthalene	710.	U
106-47-8	4-Chloroaniline	710.	U
87-68-3	Hexachlorobutadiene	710.	U
59-50-7	4-Chloro-3-methylphenol	710.	U
91-57-6	2-Methylnaphthalene	710.	U
77-47-4	Hexachlorocyclopentadiene	710.	U
88-06-2	2,4,6-Trichlorophenol	710.	U
95-95-4	2,4,5-Trichlorophenol	710.	U
91-58-7	2-Chloronaphthalene	710.	U
88-74-4	2-Nitroaniline	3500.	U
131-11-3	Dimethylphthalate	710.	U
208-96-8	Acenaphthylene	710.	U
606-20-2	2,6-Dinitrotoluene	710.	U
99-09-2	3-Nitroaniline	3500.	U
83-32-9	Acenaphthene	710.	U

313

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEDIMENT POND

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-8TF(0-2)
 Matrix: (soil/water) SOIL Lab Sample ID: SEDIMENT POND
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1598
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: 53. decanted: (Y/N) N Date Extracted: 06/04/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	3500.	U
100-02-7-----	4-Nitrophenol	3500.	U
132-64-9-----	Dibenzofuran	710.	U
121-14-2-----	2,4-Dinitrotoluene	710.	U
84-66-2-----	Diethylphthalate	710.	U
7005-72-3-----	4-Chlorophenyl-phenylether	710.	U
86-73-7-----	Fluorene	710.	U
100-01-6-----	4-Nitroaniline	3500.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	3500.	U
86-30-6-----	n-Nitrosodiphenylamine	710.	U
101-55-3-----	4-Bromophenyl-phenylether	710.	U
118-74-1-----	Hexachlorobenzene	710.	U
87-86-5-----	Pentachlorophenol	3500.	U
85-01-8-----	Phenanthrene	710.	U
120-12-7-----	Anthracene	710.	U
86-74-8-----	Carbazole	710.	U
84-74-2-----	Di-n-butylphthalate	710.	U
206-44-0-----	Fluoranthene	710.	U
129-00-0-----	Pyrene	710.	U
85-68-7-----	Butylbenzylphthalate	710.	U
91-94-1-----	3,3'-Dichlorobenzidine	1400.	U
56-55-3-----	Benzo (a) anthracene	710.	U
218-01-9-----	Chrysene	710.	U
117-81-7-----	bis (2-Ethylhexyl) phthalate	~~710-580~~	~~U~~
117-84-0-----	Di-n-octylphthalate	710.	U
205-99-2-----	Benzo (b) fluoranthene	710.	U
207-08-9-----	Benzo (k) fluoranthene	710.	U
50-32-8-----	Benzo (a) pyrene	710.	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	710.	U
53-70-3-----	Dibenzo (a,h) anthracene	710.	U
191-24-2-----	Benzo (g,h,i) perylene	710.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000533

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(0-2)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-8TF (0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-042A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 5. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N

pH: 7.9

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Arochlor-1016
11104-28-2-----Arochlor-1221
11141-16-5-----Arochlor-1232
53469-21-9-----Arochlor-1242
12672-29-6-----Arochlor-1248
11097-69-1-----Arochlor-1254
11096-82-5-----Arochlor-1260

35. U
35. U
35. U
35. U
35. U
35. U
160. ✓

FORM I PEST

1/87 Rev.

000696

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(2-4)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-8TF (2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-043A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 5. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N pH: 8.5

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Arochlor-1016	35.	U
11104-28-2-----Arochlor-1221	35.	U
11141-16-5-----Arochlor-1232	35.	U
53469-21-9-----Arochlor-1242	35.	U
12672-29-6-----Arochlor-1248	35.	U
11097-69-1-----Arochlor-1254	35.	U
11096-82-5-----Arochlor-1260	35.	U

FORM I PEST

1/87 Rev.

000702

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-8TF(4-6)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-8TF (4-6)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-044A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 4. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N pH: 8.2

Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

12674-11-2-----Arochlor-1016
11104-28-2-----Arochlor-1221
11141-16-5-----Arochlor-1232
53469-21-9-----Arochlor-1242
12672-29-6-----Arochlor-1248
11097-69-1-----Arochlor-1254
11096-82-5-----Arochlor-1260

35. U
35. U
35. U
35. U
35. U
35. U
35. U

FORM I PEST

1/87 Rev.

000705

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Name: AES, INC.

Contract:

NES-8TF(6-8)

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-8TF (6-8)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-045A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 7. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N

pH: 8.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----	Arochlor-1016
11104-28-2-----	Arochlor-1221
11141-16-5-----	Arochlor-1232
53469-21-9-----	Arochlor-1242
12672-29-6-----	Arochlor-1248
11097-69-1-----	Arochlor-1254
11096-82-5-----	Arochlor-1260

36.	U
36.	U
36.	U
36.	U
36.	U
36.	U
36.	U

FORM I PEST

1/87 Rev.

000708

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(0-2)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-9TF (0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-039A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 9. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N pH: 7.9

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Arochlor-1016	36.	U
11104-28-2-----Arochlor-1221	36.	U
11141-16-5-----Arochlor-1232	36.	U
53469-21-9-----Arochlor-1242	36.	U
12672-29-6-----Arochlor-1248	36.	U
11097-69-1-----Arochlor-1254	36.	U
11096-82-5-----Arochlor-1260	200.	

383

FORM I PEST

1/87 Rev.

000712

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(2-4)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-9TF (2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-040A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 6. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N pH: 7.7

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Arochlor-1016	35.	U
11104-28-2-----Arochlor-1221	35.	U
11141-16-5-----Arochlor-1232	35.	U
53469-21-9-----Arochlor-1242	35.	U
12672-29-6-----Arochlor-1248	35.	U
11097-69-1-----Arochlor-1254	35.	U
11096-82-5-----Arochlor-1260	35.	U

FORM I PEST

1/87 Rev.

060720

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-9TF(4-6)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-9TF (4-6)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-041A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 7. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N pH: 7.9

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----	Arochlor-1016
11104-28-2-----	Arochlor-1221
11141-16-5-----	Arochlor-1232
53469-21-9-----	Arochlor-1242
12672-29-6-----	Arochlor-1248
11097-69-1-----	Arochlor-1254
11096-82-5-----	Arochlor-1260

35.	U
35.	U
35.	U
35.	U
35.	U
35.	U
35.	U

FORM I PEST

1/87 Rev.

000723

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-14 SEEP (0-2)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-14 SEEP(0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-031A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 16. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N

pH: 8.7

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Arochlor-1016	39.	U
11104-28-2-----Arochlor-1221	39.	U
11141-16-5-----Arochlor-1232	39.	U
53469-21-9-----Arochlor-1242	39.	U
12672-29-6-----Arochlor-1248	39.	U
11097-69-1-----Arochlor-1254	39.	U
11096-82-5-----Arochlor-1260	39.	U

773

FORM I PEST

1/87 Rev.

000726

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-14 SEEP (2-4)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-14 SEEP(2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-032A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 19. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N

pH: 8.6

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Arochlor-1016
11104-28-2-----Arochlor-1221
11141-16-5-----Arochlor-1232
53469-21-9-----Arochlor-1242
12672-29-6-----Arochlor-1248
11097-69-1-----Arochlor-1254
11096-82-5-----Arochlor-1260

41.	U
41.	U
41.	U
41.	U
41.	U
41.	U
41.	U

FORM I PEST

1/87 Rev.

000729

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-14 SEEP (4-6)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-14 SEEP(4-6)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-033A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 24. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N pH: 7.5

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Arochlor-1016
11104-28-2-----Arochlor-1221
11141-16-5-----Arochlor-1232
53469-21-9-----Arochlor-1242
12672-29-6-----Arochlor-1248
11097-69-1-----Arochlor-1254
11096-82-5-----Arochlor-1260

43. U
43. U
43. U
43. U
43. U
43. U
43. U

FORM I PEST

1/87 Rev.

000732

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-14 SEEP (6-8)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-14 SEEP(6-8)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-034A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 24. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N

pH: 8.0

Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

12674-11-2-----Arochlor-1016
11104-28-2-----Arochlor-1221
11141-16-5-----Arochlor-1232
53469-21-9-----Arochlor-1242
12672-29-6-----Arochlor-1248
11097-69-1-----Arochlor-1254
11096-82-5-----Arochlor-1260

43. U
43. U
43. U
43. U
43. U
43. U
43. U

MB

FORM I PEST

1/87 Rev.

000735

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-14 SEEP (8-10)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-14 SEEP(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-035A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 17. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N pH: 8.3

Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

12674-11-2-----Arochlor-1016	40.	U
11104-28-2-----Arochlor-1221	40.	U
11141-16-5-----Arochlor-1232	40.	U
53469-21-9-----Arochlor-1242	40.	U
12672-29-6-----Arochlor-1248	40.	U
11097-69-1-----Arochlor-1254	40.	U
11096-82-5-----Arochlor-1260	40.	U

FORM I PEST

1/87 Rev.

000738

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-14 SEEP (10-12)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-14 SEEP(10-12)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-036A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 23. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	43.	U
11104-28-2-----	Arochlor-1221	43.	U
11141-16-5-----	Arochlor-1232	43.	U
53469-21-9-----	Arochlor-1242	43.	U
12672-29-6-----	Arochlor-1248	43.	U
11097-69-1-----	Arochlor-1254	43.	U
11096-82-5-----	Arochlor-1260	43.	U

FORM I PEST

1/87 Rev.

000741

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-14 SEEP (12-14)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-14 SEEP(12-14)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-037A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 20. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N pH: 8.1

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----	Arochlor-1016
11104-28-2-----	Arochlor-1221
11141-16-5-----	Arochlor-1232
53469-21-9-----	Arochlor-1242
12672-29-6-----	Arochlor-1248
11097-69-1-----	Arochlor-1254
11096-82-5-----	Arochlor-1260

41.	U
41.	U
41.	U
41.	U
41.	U
41.	U
41.	U

FORM I PEST

1/87 Rev.

000744

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-14 SEEP (14-16)

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-14 SEEP(14-16)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-038A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 21. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Arochlor-1016	42.	U
11104-28-2-----Arochlor-1221	42.	U
11141-16-5-----Arochlor-1232	42.	U
53469-21-9-----Arochlor-1242	42.	U
12672-29-6-----Arochlor-1248	42.	U
11097-69-1-----Arochlor-1254	42.	U
11096-82-5-----Arochlor-1260	42.	U

JB

FORM I PEST

1/87 Rev.

000747

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(2-4)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-15BA(2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040526034-029A

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 12. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 6.5

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	38.	U
11104-28-2-----	Aroclor-1221	38.	U
11141-16-5-----	Aroclor-1232	38.	U
53469-21-9-----	Aroclor-1242	38.	U
12672-29-6-----	Aroclor-1248	38.	U
11097-69-1-----	Aroclor-1254	38.	U
11096-82-5-----	Aroclor-1260	38.	U

FORM I PEST

1/87 Rev.

000750

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEDIMENT POND

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-8TF(0-2)

Matrix: (soil/water) SOIL

Lab Sample ID: SEDIMENT POND

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: 040528005-001A

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec. 53. dec. _____

Date Extracted: 06/11/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/11/04

GPC Cleanup: (Y/N) N

pH: 7.6

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Arochlor-1016
11104-28-2-----Arochlor-1221
11141-16-5-----Arochlor-1232
53469-21-9-----Arochlor-1242
12672-29-6-----Arochlor-1248
11097-69-1-----Arochlor-1254
11096-82-5-----Arochlor-1260

70.
70.
70.
70.
70.
70.
70.

U
U
U
U
U
U
U

773

FORM I PEST

1/87 Rev.

000753

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:NES-8TF(0-2)

Sampled 5/25/04 and 5/27/04

SOIL SAMPLES for METALS

NES-15BA(02-04) 040526034-29

POND SEDIMENT 040528005-01

SURFICIAL SOIL 040528005-02

DATA ASSESSMENT

An inorganics data package containing analytical results for three soil and sediment samples was received from HRP Associates, Inc. on 15Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOW HW-2, Rev. 11, Jan. 1992, Evaluation of Metals Data for the Contract Laboratory Program) was used as a technical reference.

The lead result reported from NES-15BA(2-4) has been qualified as an estimation due to poor CRDL performance.

Lead and selenium results have been rejected due to low matrix spike recoveries.

CORRECTNESS AND USABILITY

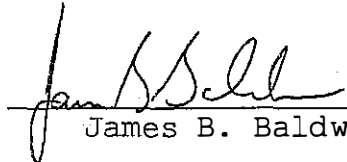
It is noted that the ICP Interelement Correction Factors reported with this data package were calculated a few days after the analysis of this group of samples. Although these factors may be representative of instrument performance, ASP protocol requires that they be determined within the calendar year preceding the analysis of samples. Data has not been qualified due to this error.

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "UJ". Data felt to be unreliable has been identified with a single red line and flagged "R". Rejected data should not be included in data tables. Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be

guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6/15/04

SAMPLE HISTORY

Sample holding times are calculated between the time of sampling and the time of analysis. Mercury samples must be analyzed within 28 days of collection; the remaining metals within 180 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a laboratory split duplicate, a matrix spiked sample, and a rinsate blank.

This sample delivery group contained three soil and sediment samples. One samples was collected from the NE Solite site on 25May04 and delivered to the laboratory the following morning. The two remaining samples were collected on 27May04 and delivered the same day. The sample coolers were received intact and packed with ice. Cooler temperatures of between 2°C and 6°C were recorded at the time of receipt.

The analysis of each sample was completed within twenty days of receipt. Program holding time limitations were satisfied.

CALIBRATIONS

Calibration curves are constructed, using certified materials, to define the linear range of each analytical instrument. Beyond this range, measurements cannot be made with confidence. The calibration curve is immediately tested by analyzing an initial calibration verification standard (ICV). Continuing verifications (CCV) must bracket each group of up to ten samples. ICV and CCV recoveries must meet established criteria.

The ICP calibrations were performed with a blank and one standard. Calibrations mercury were performed with a blank and five standards. The lowest standard in each curve approached CRDL. Mercury calibration curves demonstrated an acceptable degree of linearity.

Each instrument calibration was immediately verified by the analysis of an ICV standard. Continuing calibration checks were made following each group of 10 samples. Each calibration check that was used to bracket samples from this program satisfied the program acceptance criteria.

CONTRACT REQUIED DETECTION LIMIT STANARDS (CRDL)

To verify instrument linearity near CRDL, an ICP standard at a concentration of twice CRDL (CRI) is analyzed at the beginning and end of each analytical sequence. A standard equaling CRDL (CRA) must be included in each atomic adsorption sequence. CRDL standards must produce a recovery between 80% and 120%.

The CRDL results reported by the laboratory included unacceptable recoveries of chromium (76%) and lead (78%, 71%). Based on this performance, the lead result reported from NES-15BA(2-4) has been qualified as an estimation. The remaining lead results exceeded the range requiring qualification. The chromium result had no impact on reported data.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Preparation blanks are carried through the digestion process with each group of samples to evaluate general laboratory technique. Calibration blanks are run periodically to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

An initial blank (ICB) was analyzed following the calibration in each analytical sequence. Additional blanks were analyzed after every ten samples (CCB) and at the end of each sequence. Preparation blanks were digested, prior to analysis, with each group of samples. Each laboratory prepared blank that was associated with samples from this program was free of analyte contamination exceeding CRDL.

INTERFERENCE CHECK SAMPLE (ICS)

ICS standards are analyzed at the beginning and end of each ICP analysis sequence to verify background and inter-element correction factors. The recoveries of specified analytes are measured in the presence of interfering concentrations of aluminum, calcium, magnesium and iron.

Interference check standards, ICSA and ICSAB, were run at the beginning and end of each ICP analysis sequence. Each interference check standard that was used to bracket samples from this program produced recoveries within the range of acceptance, 80% - 120%.

PREDIGESTION SPIKE

The recovery of spike concentrations added to samples prior to digestion and analysis demonstrates measurement bias caused by sample matrix effects. Predigestion spikes must be recovered within control limits of 75% - 125%.

The Pond Sediment sample was selected for matrix spiking. The required analyte additions were made to this sample. Acceptable recoveries were reported for the additions of arsenic, barium,

cadmium, chromium, mercury and silver. The lead and selenium additions were completely unrecovered. Based on this performance, the lead and selenium results reported from this group of samples must be considered unreliable. This information should not be included in data tables.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Laboratory split duplicates of the Pond Sediment sample were processed with this group of samples. The concentrations obtained from this pair of samples differed by less than 20% RPD or PQL. An acceptable level of measurement precision was demonstrated.

Field split duplicates were not included in this delivery group.

LABORATORY CONTROL STANDARD

Laboratory control samples are prepared by adding analytes to clean sand or reagent water. Analyte concentrations are then determined without interferences caused by sample matrix effects.

A solid LCS standard was digested and analyzed with this group of samples. Acceptable recoveries were reported for each targeted analyte.

ICP SERIAL SILUTION SAMPLE

Possible matrix effects are verified by the process of serial dilutions. Samples are diluted 1:5 to reduce matrix contributions that might bias measurements. The original sample result, and the corrected concentration of the diluted sample are compared. Sample data is qualified if the original concentrations are not recovered within 10%. Analytes with initial concentrations below 50 times IDL are not considered.

The Pond Sediment sample was prepared as a serial dilution. None of the analytes present in the undiluted aliquot of this sample, at a concentration exceeding 50 times IDL, differed from the diluted results by more than 10%. The program acceptance criteria was satisfied.

SUMMARY OF QUALIFIED DATA

NE Solite Site.

Sampled May 2004

	CRDL LEAD	SPIKE LEAD	SPIKE SELENIUM
NES-15BA(02-04)	UJ	REJECT	REJECT
POND SEDIMENT		REJECT	REJECT
SURFICIAL SOIL		REJECT	REJECT

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(2-4)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0406 SAS No.: _____ SDG No.: NES-8TF_(0-2)

Matrix (soil/water): SOIL Lab Sample ID: NES-15BA(2-4)

Level (low/med): LOW Date Received: 05/26/04

% Solids: 88.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.84	U		P
7440-39-3	Barium	39.7	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.11	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	16.4			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.61	U	NR	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.068	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.86	U	NR	P
7440-22-4	Silver	0.64	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEDIMENT-POND

Lab Name: ADIRONDACK ENVIRONMENTAL

Contract: _____

Lab Code: AES

Case No.: HRP_0406 SAS No.: _____

SDG No.: NES-8TF (0-2)

Matrix (soil/water): SOIL

Lab Sample ID: SEDIMENT-POND

Level (low/med): LOW

Date Received: 05/28/04

% Solids: 47.0

Concentration Units (ug/L or mg/kg dry weight):

MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	50.3	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.21	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	14.5			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	13.2		NR	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.11	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	1.6	U	NR	P
7440-22-4	Silver	1.2	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SURFICIAL SOIL

Lab Name: ADIRONDACK ENVIRONMENTAL

Contract: _____

Lab Code: AES

Case No.: HRP_0406

SAS No.: _____

SDG No.: NES-8TF (0-2)

Matrix (soil/water): SOIL

Lab Sample ID: SURFICIAL SOIL

Level (low/med): LOW

Date Received: 05/28/04

% Solids: 68.0

Concentration Units (ug/L or mg/kg dry weight):

MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	19.9			P
7440-39-3	Barium	156			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.15	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	18.0			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	~~33.8~~		~~NR~~	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.07	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	~~1.1~~	~~U~~	~~NR~~	P
7440-22-4	Silver	0.82	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

JTS

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(2-4)

Name: AES, Inc. Contract: _____
 Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(2-4)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1439
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: not dec. 9. Date Analyzed: 05/29/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	14.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	54.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	24.	J
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(4-6)

Name: AES, Inc.	Contract:	
Code: AES	Case No.: HRP0406 SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-10TF(4-6)
Sample wt/vol: 5.000 (g/mL) G		Lab File ID: D1440
Level: (low/med) LOW		Date Received: 05/26/04
Moisture: not dec. 11.		Date Analyzed: 05/29/04
C Column: RTX502.2 ID: .32 (mm)		Dilution Factor: 1.0
Oil Extract Volume: _____ (uL)		Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

MB

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(6-8)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(6-8)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1441
 Level: (low/med) LOW Date Received: 05/26/04
 Moisture: not dec. 12. Date Analyzed: 05/29/04
 C Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	12.	
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	10.	
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	4.	J
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(8-10)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(8-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1470
Level: (low/med) LOW Date Received: 05/26/04
Moisture: not dec. 18. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(10-11)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(10-11)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1466
Level: (low/med) LOW Date Received: 05/26/04
Moisture: not dec. 16. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	26.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

FORM I VOA

3/90

000202

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(0-2)

Name: AES, Inc. Contract: SDG No.: NES-10TF(2-4)
Code: AES Case No.: HRP0406 SAS No.: Lab Sample ID: NES-12TF(0-2)
Matrix: (soil/water) SOIL Lab File ID: D1476
Sample wt/vol: 5.000 (g/mL) G Date Received: 05/26/04
Level: (low/med) LOW Date Analyzed: 06/02/04
Moisture: not dec. 7. Dilution Factor: 1.0
GC Column: RTX502.2 ID: .32 (mm) Soil Aliquot Volume: (uL)
Soil Extract Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(2-4)

Name: AES, Inc. Contract: _____
 Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(2-4)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1455
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: not dec. 7. Date Analyzed: 06/01/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

3/90

000209

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(4-8)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(4-8)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1456
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 8. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	26.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	22.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	21.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

3/90

000212

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(8-10)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(8-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1495
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 7. Date Analyzed: 06/03/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	9.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(10-12)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(10-12)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1478
Level: (low/med) LOW Date Received: 05/26/04
Moisture: not dec. 23. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	13.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	13.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
591-78-6-----	2-Hexanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	8.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

FORM I VOA

3/90

000222

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(12-14)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(12-14)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1459
 Level: (low/med) LOW Date Received: 05/26/04
 Moisture: not dec. 19. Date Analyzed: 06/01/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(0-2)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(0-2)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1444
 Level: (low/med) LOW Date Received: 05/26/04
 Moisture: not dec. 10. Date Analyzed: 05/29/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	29.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	24.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	7.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

FORM I VOA

3/90

000229

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(2-4)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(2-4)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1471
 Level: (low/med) LOW Date Received: 05/26/04
 Moisture: not dec. 7. Date Analyzed: 06/02/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

3/90

000235

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(2-4) RE

Name: AES, Inc. Contract: _____
 Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(2-4) RE
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1487
 Level: (low/med) LOW Date Received: 05/26/04
 Moisture: not dec. 7. Date Analyzed: 06/02/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl Chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene Chloride	5.	U
67-64-1	Acetone	11.	U
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
156-60-5	trans-1,2-Dichloroethene	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	11.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon Tetrachloride	5.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone	11.	U
591-78-6	2-Hexanone	11.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
156-59-2	cis-1,2-Dichloroethene	5.	U
106-42-3	m,p-Xylene	5.	U
95-47-6	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(4-6)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(4-6)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1446
 Level: (low/med) LOW Date Received: 05/26/04
 Moisture: not dec. 10. Date Analyzed: 05/29/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	13.	U
67-64-1-----	Acetone	48.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	32.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	13.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

FORM I VOA

3/90

000241

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(6-8)

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(6-8)
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1472
 Level: (low/med) LOW Date Received: 05/26/04
 Moisture: not dec. 12. Date Analyzed: 06/02/04
 GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	87.	
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	34.	
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(8-10)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1494
Level: (low/med) LOW Date Received: 05/26/04
Moisture: not dec. 18. Date Analyzed: 06/03/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	43.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	4.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(10-12)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.:
Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(10-12)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1474
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 18. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	83.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	10.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(12-13)

Name: AES, Inc. Contract: Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
 Lab Code: AES Lab Sample ID: NES-13TF(12-13)
 Matrix: (soil/water) SOIL Lab File ID: D1475
 Sample wt/vol: 5.000 (g/mL) G Date Received: 05/26/04
 Level: (low/med) LOW Date Analyzed: 06/02/04
 % Moisture: not dec. 15. Dilution Factor: 1.0
 GC Column: RTX502.2 ID: .32 (mm) Soil Aliquot Volume: (uL)
 Soil Extract Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	47.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	30.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-15BA(0-2)
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D1460
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. 18. Date Analyzed: 06/01/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(4-5)

Name: AES, Inc.	Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-15BA(4-5)
Sample wt/vol: 5.000 (g/mL) G		Lab File ID: C0968
Level: (low/med) LOW		Date Received: 05/26/04
% Moisture: not dec. 15.		Date Analyzed: 06/01/04
3C Column: RTX502.2 ID: .32 (mm)		Dilution Factor: 1.0
Soil Extract Volume: _____ (uL)		Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) · UG/KG

CAS NO. COMPOUND Q

74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	11.	~~U~~ U
67-64-1-----	Acetone	83.	
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	trans-1,2-Dichloroethene	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	41.	
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U
591-78-6-----	2-Hexanone	12.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	10.	
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
156-59-2-----	cis-1,2-Dichloroethene	6.	U
106-42-3-----	m,p-Xylene	6.	U
95-47-6-----	o-Xylene	6.	U

ms

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(2-4)

Name: AES, Inc. Contract:
 LJS Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(2-4)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1668
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 9. decanted: (Y/N) N Date Extracted: 06/03/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/24/04
 Injection Volume: 2.0 (uL) Dilution Factor: 4.0
 GPC Cleanup: (Y/N) N pH: 7.8

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	1500 ~~310~~	20
111-44-4-----bis(2-Chloroethyl) ether	1500.	U
95-57-8-----2-Chlorophenol	1500.	U
541-73-1-----1,3-Dichlorobenzene	1500.	U
106-46-7-----1,4-Dichlorobenzene	1500.	U
95-50-1-----1,2-Dichlorobenzene	1500.	U
95-48-7-----2-Methylphenol	1500.	U
108-60-1-----bis(2-chloroisopropyl) ether	1500.	U
106-44-5-----4-Methylphenol	1500.	U
621-64-7-----n-Nitroso-di-n-propylamine	1500.	U
67-72-1-----Hexachloroethane	1500.	U
98-95-3-----Nitrobenzene	1500.	U
78-59-1-----Isophorone	1500.	U
88-75-5-----2-Nitrophenol	1500.	U
105-67-9-----2,4-Dimethylphenol	1500.	U
111-91-1-----bis(2-Chloroethoxy)methane	1500.	U
120-83-2-----2,4-Dichlorophenol	1500.	U
120-82-1-----1,2,4-Trichlorobenzene	760.	J
91-20-3-----Naphthalene	1500.	U
106-47-8-----4-Chloroaniline	1500.	U
87-68-3-----Hexachlorobutadiene	1500.	U
59-50-7-----4-Chloro-3-methylphenol	1500.	U
91-57-6-----2-Methylnaphthalene	1500.	U
77-47-4-----Hexachlorocyclopentadiene	1500.	U
88-06-2-----2,4,6-Trichlorophenol	1500.	U
95-95-4-----2,4,5-Trichlorophenol	1500.	U
91-58-7-----2-Chloronaphthalene	1500.	U
88-74-4-----2-Nitroaniline	7300.	U
131-11-3-----Dimethylphthalate	1500.	U
208-96-8-----Acenaphthylene	1500.	U
606-20-2-----2,6-Dinitrotoluene	1500.	U
99-09-2-----3-Nitroaniline	7300.	U
83-32-9-----Acenaphthene	1500.	U

FORM I SV-1

3/90

000416

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(2-4)

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(2-4)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1668
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 9. decanted: (Y/N) N Date Extracted: 06/03/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/24/04
 Injection Volume: 2.0 (uL) Dilution Factor: 4.0
 GPC Cleanup: (Y/N) N pH: 7.8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	7300.	U
100-02-7-----	4-Nitrophenol	7300.	U
132-64-9-----	Dibenzofuran	1500.	U
121-14-2-----	2,4-Dinitrotoluene	1500.	U
84-66-2-----	Diethylphthalate	1500.	U
7005-72-3-----	4-Chlorophenyl-phenylether	1500.	U
86-73-7-----	Fluorene	1500.	U
100-01-6-----	4-Nitroaniline	7300.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	7300.	U
86-30-6-----	n-Nitrosodiphenylamine	280.	J
101-55-3-----	4-Bromophenyl-phenylether	1500.	U
118-74-1-----	Hexachlorobenzene	~~1500-1200~~	~~J U~~
87-86-5-----	Pentachlorophenol	7300.	U
85-01-8-----	Phenanthrene	1500.	U
120-12-7-----	Anthracene	1500.	U
86-74-8-----	Carbazole	1500.	U
84-74-2-----	Di-n-butylphthalate	1500.	U
206-44-0-----	Fluoranthene	~~1500-1500~~	~~J U~~
129-00-0-----	Pyrene	~~1500-270~~	~~J U J~~
85-68-7-----	Butylbenzylphthalate	660.	J
91-94-1-----	3,3'-Dichlorobenzidine	2900.	U
56-55-3-----	Benzo(a)anthracene	1500.	U
218-01-9-----	Chrysene	1500.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	18000.	~~J U~~
117-84-0-----	Di-n-octylphthalate	1500.	U
205-99-2-----	Benzo(b)fluoranthene	1500.	U
207-08-9-----	Benzo(k)fluoranthene	1500.	U
50-32-8-----	Benzo(a)pyrene	1500.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	1500.	U
53-70-3-----	Dibenzo(a,h)anthracene	1500.	U
191-24-2-----	Benzo(g,h,i)perylene	1500.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000417

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(4-6)

Name: AES, Inc.	Contract:	SDG No.: NES-10TF(2-4)
Lab Code: AES	Case No.: HRP0406 SAS No.:	Lab Sample ID: NES-10TF(4-6)
Matrix: (soil/water) SOIL		Lab File ID: B1588
Sample wt/vol: 30.0 (g/mL) G		Date Received: 05/26/04
Level: (low/med) LOW		Date Extracted: 06/03/04
% Moisture: 11. decanted: (Y/N) N		Date Analyzed: 06/18/04
Concentrated Extract Volume: 2000.0 (uL)		Dilution Factor: 1.0
Injection Volume: 2.0 (uL)		
GPC Cleanup: (Y/N) N	pH: 8.3	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	370.	U
111-44-4-----bis(2-Chloroethyl) ether	370.	U
95-57-8-----2-Chlorophenol	370.	U
541-73-1-----1,3-Dichlorobenzene	370.	U
106-46-7-----1,4-Dichlorobenzene	370.	U
95-50-1-----1,2-Dichlorobenzene	39.	J
95-48-7-----2-Methylphenol	370.	U
108-60-1-----bis(2-chloroisopropyl) ether	370.	U
106-44-5-----4-Methylphenol	370.	U
621-64-7-----n-Nitroso-di-n-propylamine	370.	U
67-72-1-----Hexachloroethane	370.	U
98-95-3-----Nitrobenzene	370.	U
78-59-1-----Isophorone	370.	U
88-75-5-----2-Nitrophenol	370.	U
105-67-9-----2,4-Dimethylphenol	370.	U
111-91-1-----bis(2-Chloroethoxy) methane	370.	U
120-83-2-----2,4-Dichlorophenol	370.	U
120-82-1-----1,2,4-Trichlorobenzene	370.	U
91-20-3-----Naphthalene	370.	U
106-47-8-----4-Chloroaniline	370.	U
87-68-3-----Hexachlorobutadiene	370.	U
59-50-7-----4-Chloro-3-methylphenol	370.	U
91-57-6-----2-Methylnaphthalene	370.	U
77-47-4-----Hexachlorocyclopentadiene	370.	U
88-06-2-----2,4,6-Trichlorophenol	370.	U
95-95-4-----2,4,5-Trichlorophenol	370.	U
91-58-7-----2-Chloronaphthalene	370.	U
88-74-4-----2-Nitroaniline	1900.	U
131-11-3-----Dimethylphthalate	370.	U
208-96-8-----Acenaphthylene	370.	U
606-20-2-----2,6-Dinitrotoluene	370.	U
99-09-2-----3-Nitroaniline	1900.	U
83-32-9-----Acenaphthene	370.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(4-6)

Lab Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(4-6)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1588
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 11. decanted: (Y/N) N Date Extracted: 06/03/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1900.	U
100-02-7-----	4-Nitrophenol	1900.	U
132-64-9-----	Dibenzofuran	370.	U
121-14-2-----	2,4-Dinitrotoluene	370.	U
84-66-2-----	Diethylphthalate	370.	U
7005-72-3-----	4-Chlorophenyl-phenylether	370.	U
86-73-7-----	Fluorene	370.	U
100-01-6-----	4-Nitroaniline	1900.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1900.	U
86-30-6-----	n-Nitrosodiphenylamine	370.	U
101-55-3-----	4-Bromophenyl-phenylether	370.	U
118-74-1-----	Hexachlorobenzene	370.	U
87-86-5-----	Pentachlorophenol	1900.	U
85-01-8-----	Phenanthrene	370.	U
120-12-7-----	Anthracene	370.	U
86-74-8-----	Carbazole	370.	U
84-74-2-----	Di-n-butylphthalate	40.	J
206-44-0-----	Fluoranthene	370.	U
129-00-0-----	Pyrene	370.	U
85-68-7-----	Butylbenzylphthalate	150.	J
91-94-1-----	3,3'-Dichlorobenzidine	750.	U
56-55-3-----	Benzo(a)anthracene	370.	U
218-01-9-----	Chrysene	370.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	1400.	U
117-84-0-----	Di-n-octylphthalate	370.	U
205-99-2-----	Benzo(b)fluoranthene	370.	U
207-08-9-----	Benzo(k)fluoranthene	370.	U
50-32-8-----	Benzo(a)pyrene	370.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	370.	U
53-70-3-----	Dibenzo(a,h)anthracene	370.	U
191-24-2-----	Benzo(g,h,i)perylene	370.	U

(1) - Cannot be separated from diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(6-8)

Name: AES, Inc.		Contract:	
Lap Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-10TF(6-8)	
Sample wt/vol:	30.0 (g/mL)	G	Lab File ID: B1427
Level: (low/med)	LOW		Date Received: 05/26/04
% Moisture:	12.	decanted: (Y/N)	N
Concentrated Extract Volume: 2000.0 (uL)		Date Extracted: 06/03/04	
Injection Volume: 2.0 (uL)		Date Analyzed: 06/08/04	
GPC Cleanup: (Y/N) N		pH:	8.1
		Dilution Factor: 1.0	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----	Phenol	380.	U
111-44-4-----	bis(2-Chloroethyl) ether	380.	U
95-57-8-----	2-Chlorophenol	380.	U
541-73-1-----	1,3-Dichlorobenzene	380.	U
106-46-7-----	1,4-Dichlorobenzene	380.	U
95-50-1-----	1,2-Dichlorobenzene	63.	J
95-48-7-----	2-Methylphenol	380.	U
108-60-1-----	bis(2-chloroisopropyl) ether	380.	U
106-44-5-----	4-Methylphenol	380.	U
621-64-7-----	n-Nitroso-di-n-propylamine	380.	U
67-72-1-----	Hexachloroethane	380.	U
98-95-3-----	Nitrobenzene	380.	U
78-59-1-----	Isophorone	380.	U
88-75-5-----	2-Nitrophenol	380.	U
105-67-9-----	2,4-Dimethylphenol	380.	U
111-91-1-----	bis(2-Chloroethoxy) methane	380.	U
120-83-2-----	2,4-Dichlorophenol	380.	U
120-82-1-----	1,2,4-Trichlorobenzene	380.	U
91-20-3-----	Naphthalene	380	U
106-47-8-----	4-Chloroaniline	380.	U
87-68-3-----	Hexachlorobutadiene	380.	U
59-50-7-----	4-Chloro-3-methylphenol	380.	U
91-57-6-----	2-Methylnaphthalene	380.	U
77-47-4-----	Hexachlorocyclopentadiene	380.	U
88-06-2-----	2,4,6-Trichlorophenol	380.	U
95-95-4-----	2,4,5-Trichlorophenol	380.	U
91-58-7-----	2-Chloronaphthalene	380.	U
88-74-4-----	2-Nitroaniline	1900.	U
131-11-3-----	Dimethylphthalate	380.	U
208-96-8-----	Acenaphthylene	380.	U
606-20-2-----	2,6-Dinitrotoluene	380.	U
99-09-2-----	3-Nitroaniline	1900.	U
83-32-9-----	Acenaphthene	380.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(6-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(6-8)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1427
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 12. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/08/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.1

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	1900.	U
100-02-7-----	4-Nitrophenol	1900.	U
132-64-9-----	Dibenzofuran	380.	U
121-14-2-----	2,4-Dinitrotoluene	380.	U
84-66-2-----	Diethylphthalate	380.	U
7005-72-3-----	4-Chlorophenyl-phenylether	380.	U
86-73-7-----	Fluorene	380.	U
100-01-6-----	4-Nitroaniline	1900.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1900.	U
86-30-6-----	n-Nitrosodiphenylamine	140.	J
101-55-3-----	4-Bromophenyl-phenylether	380.	U
118-74-1-----	Hexachlorobenzene	380.	U
87-86-5-----	Pentachlorophenol	1900.	U
85-01-8-----	Phenanthrene	380.	U
120-12-7-----	Anthracene	380.	U
86-74-8-----	Carbazole	380.	U
84-74-2-----	Di-n-butylphthalate	380.	U
206-44-0-----	Fluoranthene	380.	U
129-00-0-----	Pyrene	380.	U
85-68-7-----	Butylbenzylphthalate	380.	U
91-94-1-----	3,3'-Dichlorobenzidine	760.	U
56-55-3-----	Benzo(a)anthracene	380.	U
218-01-9-----	Chrysene	380.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	500.	U
117-84-0-----	Di-n-octylphthalate	380.	U
205-99-2-----	Benzo(b)fluoranthene	380.	U
207-08-9-----	Benzo(k)fluoranthene	380.	U
50-32-8-----	Benzo(a)pyrene	380.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	380.	U
53-70-3-----	Dibenzo(a,h)anthracene	380.	U
191-24-2-----	Benzo(g,h,i)perylene	380.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000432

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(8-10)

Name: AES, Inc.	Contract:	
Lab Code: AES	Case No.: HRP0406 SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-10TF(8-10)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1599
Level: (low/med) LOW		Date Received: 05/26/04
% Moisture: 18. decanted: (Y/N) N		Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/19/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 7.1	

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

108-95-2-----Phenol	410.	U
111-44-4-----bis(2-Chloroethyl)ether	410.	U
95-57-8-----2-Chlorophenol	410.	U
541-73-1-----1,3-Dichlorobenzene	410.	U
106-46-7-----1,4-Dichlorobenzene	410.	U
95-50-1-----1,2-Dichlorobenzene	410.	U
95-48-7-----2-Methylphenol	410.	U
108-60-1-----bis(2-chloroisopropyl) ether	410.	U
106-44-5-----4-Methylphenol	410.	U
621-64-7-----n-Nitroso-di-n-propylamine	410.	U
67-72-1-----Hexachloroethane	410.	U
98-95-3-----Nitrobenzene	410.	U
78-59-1-----Isophorone	410.	U
88-75-5-----2-Nitrophenol	410.	U
105-67-9-----2,4-Dimethylphenol	410.	U
111-91-1-----bis(2-Chloroethoxy)methane	410.	U
120-83-2-----2,4-Dichlorophenol	410.	U
120-82-1-----1,2,4-Trichlorobenzene	51.	J
91-20-3-----Naphthalene	410.	U
106-47-8-----4-Chloroaniline	410.	U
87-68-3-----Hexachlorobutadiene	410.	U
59-50-7-----4-Chloro-3-methylphenol	410.	U
91-57-6-----2-Methylnaphthalene	410.	U
77-47-4-----Hexachlorocyclopentadiene	410.	U
88-06-2-----2,4,6-Trichlorophenol	410.	U
95-95-4-----2,4,5-Trichlorophenol	410.	U
91-58-7-----2-Chloronaphthalene	410.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	410.	U
208-96-8-----Acenaphthylene	410.	U
606-20-2-----2,6-Dinitrotoluene	410.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	410.	U

FORM I SV-1

3/90

000437

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(8-10)

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1599
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 18. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/19/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

51-28-5-----2,4-Dinitrophenol	2000.	U
100-02-7-----4-Nitrophenol	2000.	U
132-64-9-----Dibenzofuran	410.	U
121-14-2-----2,4-Dinitrotoluene	410.	U
84-66-2-----Diethylphthalate	410.	U
7005-72-3-----4-Chlorophenyl-phenylether	410.	U
86-73-7-----Fluorene	410.	U
100-01-6-----4-Nitroaniline	2000.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----n-Nitrosodiphenylamine	410.	U
101-55-3-----4-Bromophenyl-phenylether	410.	U
118-74-1-----Hexachlorobenzene	63.	J
87-86-5-----Pentachlorophenol	2000.	U
85-01-8-----Phenanthrene	410.	U
120-12-7-----Anthracene	410.	U
86-74-8-----Carbazole	410.	U
84-74-2-----Di-n-butylphthalate	410.	U
206-44-0-----Fluoranthene	410.	U
129-00-0-----Pyrene	410.	U
85-68-7-----Butylbenzylphthalate	410.	U
91-94-1-----3,3'-Dichlorobenzidine	810.	U
56-55-3-----Benzo(a)anthracene	410.	U
218-01-9-----Chrysene	410.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	920.	U
117-84-0-----Di-n-octylphthalate	410.	U
205-99-2-----Benzo(b)fluoranthene	410.	U
207-08-9-----Benzo(k)fluoranthene	410.	U
50-32-8-----Benzo(a)pyrene	410.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	410.	U
53-70-3-----Dibenzo(a,h)anthracene	410.	U
191-24-2-----Benzo(g,h,i)perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000428

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(10-11)

Name: AES, Inc.	Contract:	SDG No.: NES-10TF(2-4)
Lab Code: AES	Case No.: HRP0406 SAS No.:	Lab Sample ID: NES-10TF(10-11)
Matrix: (soil/water) SOIL		Lab File ID: B1428
Sample wt/vol: 30.0 (g/mL) G		Date Received: 05/26/04
Level: (low/med) LOW		Date Extracted: 06/03/04
% Moisture: 16. decanted: (Y/N) N		Date Analyzed: 06/08/04
Concentrated Extract Volume: 2000.0 (uL)		Dilution Factor: 1.0
Injection Volume: 2.0 (uL)		
SPC Cleanup: (Y/N) N	pH: 7.0	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	400.	U
111-44-4-----bis(2-Chloroethyl) ether	400.	U
95-57-8-----2-Chlorophenol	400.	U
541-73-1-----1,3-Dichlorobenzene	400.	U
106-46-7-----1,4-Dichlorobenzene	400.	U
95-50-1-----1,2-Dichlorobenzene	400.	U
95-48-7-----2-Methylphenol	400.	U
108-60-1-----bis(2-chloroisopropyl) ether	400.	U
106-44-5-----4-Methylphenol	400.	U
621-64-7-----n-Nitroso-di-n-propylamine	400.	U
67-72-1-----Hexachloroethane	400.	U
98-95-3-----Nitrobenzene	400.	U
78-59-1-----Isophorone	400.	U
88-75-5-----2-Nitrophenol	400.	U
105-67-9-----2,4-Dimethylphenol	400.	U
111-91-1-----bis(2-Chloroethoxy)methane	400.	U
120-83-2-----2,4-Dichlorophenol	400.	U
120-82-1-----1,2,4-Trichlorobenzene	400.	U
91-20-3-----Naphthalene	400.	U
106-47-8-----4-Chloroaniline	400.	U
87-68-3-----Hexachlorobutadiene	400.	U
59-50-7-----4-Chloro-3-methylphenol	400.	U
91-57-6-----2-Methylnaphthalene	400.	U
77-47-4-----Hexachlorocyclopentadiene	400.	U
88-06-2-----2,4,6-Trichlorophenol	400.	U
95-95-4-----2,4,5-Trichlorophenol	400.	U
91-58-7-----2-Chloronaphthalene	400.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	400.	U
208-96-8-----Acenaphthylene	400.	U
606-20-2-----2,6-Dinitrotoluene	400.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	400.	U

FORM I SV-1

3/90

000443

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(10-11)

Lab Name: AES, Inc.	Contract:	SDG No.: NES-10TF(2-4)
Lab Code: AES	Case No.: HRP0406	SAS No.:
Matrix: (soil/water) SOIL		Lab Sample ID: NES-10TF(10-11)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1428
Level: (low/med) LOW		Date Received: 05/26/04
% Moisture: 16. decanted: (Y/N) N		Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/08/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 7.0	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

51-28-5-----2,4-Dinitrophenol	2000.	U
100-02-7-----4-Nitrophenol	2000.	U
132-64-9-----Dibenzofuran	400.	U
121-14-2-----2,4-Dinitrotoluene	400.	U
84-66-2-----Diethylphthalate	400.	U
7005-72-3-----4-Chlorophenyl-phenylether	400.	U
86-73-7-----Fluorene	400.	U
100-01-6-----4-Nitroaniline	2000.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----n-Nitrosodiphenylamine	400.	U
101-55-3-----4-Bromophenyl-phenylether	400.	U
118-74-1-----Hexachlorobenzene	400.	U
87-86-5-----Pentachlorophenol	2000.	U
85-01-8-----Phenanthrene	400.	U
120-12-7-----Anthracene	400.	U
86-74-8-----Carbazole	400.	U
84-74-2-----Di-n-butylphthalate	400.	U
206-44-0-----Fluoranthene	400.	U
129-00-0-----Pyrene	400.	U
85-68-7-----Butylbenzylphthalate	400.	U
91-94-1-----3,3'-Dichlorobenzidine	790.	U
56-55-3-----Benzo(a)anthracene	400.	U
218-01-9-----Chrysene	400.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	540.	BU
117-84-0-----Di-n-octylphthalate	400.	U
205-99-2-----Benzo(b)fluoranthene	400.	BUJ
207-08-9-----Benzo(k)fluoranthene	400.	U
50-32-8-----Benzo(a)pyrene	400.	BUJ
193-39-5-----Indeno(1,2,3-cd)pyrene	400.	U
53-70-3-----Dibenzo(a,h)anthracene	400.	U
191-24-2-----Benzo(g,h,i)perylene	400.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000444

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(0-2)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1456
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 7. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/09/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.3

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	360.	U
111-44-4-----	bis(2-Chloroethyl)ether	360.	U
95-57-8-----	2-Chlorophenol	360.	U
541-73-1-----	1,3-Dichlorobenzene	360.	U
106-46-7-----	1,4-Dichlorobenzene	360.	U
95-50-1-----	1,2-Dichlorobenzene	360.	U
95-48-7-----	2-Methylphenol	360.	U
108-60-1-----	bis(2-chloroisopropyl) ether	360.	U
106-44-5-----	4-Methylphenol	360.	U
621-64-7-----	n-Nitroso-di-n-propylamine	360.	U
67-72-1-----	Hexachloroethane	360.	U
98-95-3-----	Nitrobenzene	360.	U
78-59-1-----	Isophorone	360.	U
88-75-5-----	2-Nitrophenol	360.	U
105-67-9-----	2,4-Dimethylphenol	360.	U
111-91-1-----	bis(2-Chloroethoxy)methane	360.	U
120-83-2-----	2,4-Dichlorophenol	360.	U
120-82-1-----	1,2,4-Trichlorobenzene	360.	U
91-20-3-----	Naphthalene	360.	U
106-47-8-----	4-Chloroaniline	360.	U
87-68-3-----	Hexachlorobutadiene	360.	U
59-50-7-----	4-Chloro-3-methylphenol	360.	U
91-57-6-----	2-Methylnaphthalene	360.	U
77-47-4-----	Hexachlorocyclopentadiene	360.	U
88-06-2-----	2,4,6-Trichlorophenol	360.	U
95-95-4-----	2,4,5-Trichlorophenol	360.	U
91-58-7-----	2-Chloronaphthalene	360.	U
88-74-4-----	2-Nitroaniline	1800.	U
131-11-3-----	Dimethylphthalate	360.	U
208-96-8-----	Acenaphthylene	360.	U
606-20-2-----	2,6-Dinitrotoluene	360.	U
99-09-2-----	3-Nitroaniline	1800.	U
83-32-9-----	Acenaphthene	360.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(0-2)

Name: AES, Inc.	Contract:	SDG No.: NES-10TF(2-4)
Lab Code: AES	Case No.: HRP0406 SAS No.:	Lab Sample ID: NES-12TF(0-2)
Matrix: (soil/water) SOIL		Lab File ID: B1456
Sample wt/vol: 30.0 (g/mL) G		Date Received: 05/26/04
Level: (low/med) LOW		Date Extracted: 06/03/04
% Moisture: 7. decanted: (Y/N) N		Date Analyzed: 06/09/04
Concentrated Extract Volume: 2000.0 (uL)		Dilution Factor: 1.0
Injection Volume: 2.0 (uL)		
GPC Cleanup: (Y/N) N	pH: 8.3	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

51-28-5-----2,4-Dinitrophenol	1800.	U
100-02-7-----4-Nitrophenol	1800.	U
132-64-9-----Dibenzofuran	360.	U
121-14-2-----2,4-Dinitrotoluene	360.	U
84-66-2-----Diethylphthalate	360.	U
7005-72-3-----4-Chlorophenyl-phenylether	360.	U
86-73-7-----Fluorene	360.	U
100-01-6-----4-Nitroaniline	1800.	U
534-52-1-----4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----n-Nitrosodiphenylamine	360.	U
101-55-3-----4-Bromophenyl-phenylether	360.	U
118-74-1-----Hexachlorobenzene	360.	U
87-86-5-----Pentachlorophenol	1800.	U
85-01-8-----Phenanthrene	360.	U
120-12-7-----Anthracene	360.	U
86-74-8-----Carbazole	360.	U
84-74-2-----Di-n-butylphthalate	360.	U
206-44-0-----Fluoranthene	360.	U
129-00-0-----Pyrene	360.	U
85-68-7-----Butylbenzylphthalate	360.	U
91-94-1-----3,3'-Dichlorobenzidine	720.	U
56-55-3-----Benzo(a)anthracene	360.	U
218-01-9-----Chrysene	360.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	360 360.	U
117-84-0-----Di-n-octylphthalate	360.	U
205-99-2-----Benzo(b)fluoranthene	360.	U
207-08-9-----Benzo(k)fluoranthene	360.	U
50-32-8-----Benzo(a)pyrene	360.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	360.	U
53-70-3-----Dibenzo(a,h)anthracene	360.	U
191-24-2-----Benzo(g,h,i)perylene	360.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000449

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(2-4)

I Name: AES, Inc.	Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-12TF(2-4)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1459
Level: (low/med) LOW		Date Received: 05/26/04
% Moisture: 7. decanted: (Y/N) N		Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/10/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 8.3	

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	360.	U
111-44-4-----bis(2-Chloroethyl) ether	360.	U
95-57-8-----2-Chlorophenol	360.	U
541-73-1-----1,3-Dichlorobenzene	360.	U
106-46-7-----1,4-Dichlorobenzene	360.	U
95-50-1-----1,2-Dichlorobenzene	360.	U
95-48-7-----2-Methylphenol	360.	U
108-60-1-----bis(2-chloroisopropyl) ether	360.	U
106-44-5-----4-Methylphenol	360.	U
621-64-7-----n-Nitroso-di-n-propylamine	360.	U
67-72-1-----Hexachloroethane	360.	U
98-95-3-----Nitrobenzene	360.	U
78-59-1-----Isophorone	360.	U
88-75-5-----2-Nitrophenol	360.	U
105-67-9-----2,4-Dimethylphenol	360.	U
111-91-1-----bis(2-Chloroethoxy) methane	360.	U
120-83-2-----2,4-Dichlorophenol	360.	U
120-82-1-----1,2,4-Trichlorobenzene	360.	U
91-20-3-----Naphthalene	360.	U
106-47-8-----4-Chloroaniline	360.	U
87-68-3-----Hexachlorobutadiene	360.	U
59-50-7-----4-Chloro-3-methylphenol	360.	U
91-57-6-----2-Methylnaphthalene	360.	U
77-47-4-----Hexachlorocyclopentadiene	360.	U
88-06-2-----2,4,6-Trichlorophenol	360.	U
95-95-4-----2,4,5-Trichlorophenol	360.	U
91-58-7-----2-Chloronaphthalene	360.	U
88-74-4-----2-Nitroaniline	1800.	U
131-11-3-----Dimethylphthalate	360.	U
208-96-8-----Acenaphthylene	360.	U
606-20-2-----2,6-Dinitrotoluene	360.	U
99-09-2-----3-Nitroaniline	1800.	U
83-32-9-----Acenaphthene	360.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(2-4)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(2-4)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1459
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 7. decanted: (Y/N) N Date Extracted: 06/03/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1800.	U
100-02-7-----	4-Nitrophenol	1800.	U
132-64-9-----	Dibenzofuran	360.	U
121-14-2-----	2,4-Dinitrotoluene	360.	U
84-66-2-----	Diethylphthalate	360.	U
7005-72-3-----	4-Chlorophenyl-phenylether	360.	U
86-73-7-----	Fluorene	360.	U
100-01-6-----	4-Nitroaniline	1800.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----	n-Nitrosodiphenylamine	360.	U
101-55-3-----	4-Bromophenyl-phenylether	360.	U
118-74-1-----	Hexachlorobenzene	360.	U
87-86-5-----	Pentachlorophenol	1800.	U
85-01-8-----	Phenanthrene	360.	U
120-12-7-----	Anthracene	360.	U
86-74-8-----	Carbazole	360.	U
84-74-2-----	Di-n-butylphthalate	360.	U
206-44-0-----	Fluoranthene	360.	U
129-00-0-----	Pyrene	360.	U
85-68-7-----	Butylbenzylphthalate	360.	U
91-94-1-----	3,3'-Dichlorobenzidine	720.	U
56-55-3-----	Benzo(a)anthracene	360.	U
218-01-9-----	Chrysene	360.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	360 ~~240~~	U ~~DU~~
117-84-0-----	Di-n-octylphthalate	360.	U
205-99-2-----	Benzo(b)fluoranthene	360.	U ~~DU~~
207-08-9-----	Benzo(k)fluoranthene	360.	U
50-32-8-----	Benzo(a)pyrene	360.	U ~~DU~~
193-39-5-----	Indeno(1,2,3-cd)pyrene	360.	U
53-70-3-----	Dibenzo(a,h)anthracene	360.	U
191-24-2-----	Benzo(g,h,i)perylene	360.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000454

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(4-8)

Name: AES, Inc.	Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-12TF(4-8)
Sample wt/vol: 30.0 (g/mL) G		Lab File ID: B1460
Level: (low/med) LOW		Date Received: 05/26/04
% Moisture: 8. decanted: (Y/N) N		Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/10/04
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 8.2	

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

108-95-2-----Phenol	360.	U
111-44-4-----bis(2-Chloroethyl) ether	360.	U
95-57-8-----2-Chlorophenol	360.	U
541-73-1-----1,3-Dichlorobenzene	360.	U
106-46-7-----1,4-Dichlorobenzene	360.	U
95-50-1-----1,2-Dichlorobenzene	360.	U
95-48-7-----2-Methylphenol	360.	U
108-60-1-----bis(2-chloroisopropyl) ether	360.	U
106-44-5-----4-Methylphenol	360.	U
621-64-7-----n-Nitroso-di-n-propylamine	360.	U
67-72-1-----Hexachloroethane	360.	U
98-95-3-----Nitrobenzene	360.	U
78-59-1-----Isophorone	360.	U
88-75-5-----2-Nitrophenol	360.	U
105-67-9-----2,4-Dimethylphenol	360.	U
111-91-1-----bis(2-Chloroethoxy) methane	360.	U
120-83-2-----2,4-Dichlorophenol	360.	U
120-82-1-----1,2,4-Trichlorobenzene	360.	U
91-20-3-----Naphthalene	360.	U
106-47-8-----4-Chloroaniline	360.	U
87-68-3-----Hexachlorobutadiene	360.	U
59-50-7-----4-Chloro-3-methylphenol	360.	U
91-57-6-----2-Methylnaphthalene	360.	U
77-47-4-----Hexachlorocyclopentadiene	360.	U
88-06-2-----2,4,6-Trichlorophenol	360.	U
95-95-4-----2,4,5-Trichlorophenol	360.	U
91-58-7-----2-Chloronaphthalene	360.	U
88-74-4-----2-Nitroaniline	1800.	U
131-11-3-----Dimethylphthalate	360.	U
208-96-8-----Acenaphthylene	360.	U
606-20-2-----2,6-Dinitrotoluene	360.	U
99-09-2-----3-Nitroaniline	1800.	U
83-32-9-----Acenaphthene	360.	U

FORM I SV-1

3/90

000458

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(4-8)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(4-8)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1460
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 8. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.2

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	1800.	U
100-02-7-----4-Nitrophenol	1800.	U
132-64-9-----Dibenzofuran	360.	U
121-14-2-----2,4-Dinitrotoluene	360.	U
84-66-2-----Diethylphthalate	360.	U
7005-72-3-----4-Chlorophenyl-phenylether	360.	U
86-73-7-----Fluorene	360.	U
100-01-6-----4-Nitroaniline	1800.	U
534-52-1-----4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----n-Nitrosodiphenylamine	360.	U
101-55-3-----4-Bromophenyl-phenylether	360.	U
118-74-1-----Hexachlorobenzene	360.	U
87-86-5-----Pentachlorophenol	1800.	U
85-01-8-----Phenanthrene	360.	U
120-12-7-----Anthracene	360.	U
86-74-8-----Carbazole	360.	U
84-74-2-----Di-n-butylphthalate	360.	U
206-44-0-----Fluoranthene	360.	U
129-00-0-----Pyrene	360.	U
85-68-7-----Butylbenzylphthalate	360.	U
91-94-1-----3,3'-Dichlorobenzidine	720.	U
56-55-3-----Benzo(a)anthracene	360.	U
218-01-9-----Chrysene	360.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	360	U
117-84-0-----Di-n-octylphthalate	360.	U
205-99-2-----Benzo(b)fluoranthene	360.	U
207-08-9-----Benzo(k)fluoranthene	360.	U
50-32-8-----Benzo(a)pyrene	360.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	360.	U
53-70-3-----Dibenzo(a,h)anthracene	360.	U
191-24-2-----Benzo(g,h,i)perylene	360.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000459

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(8-10)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-12TF(8-10)	
Sample wt/vol: 30.0	(g/mL) G	Lab File ID: B1461	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 7.	decanted: (Y/N) N	Date Extracted: 06/03/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/10/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 8.2		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	360.	U
111-44-4-----bis(2-Chloroethyl) ether	360.	U
95-57-8-----2-Chlorophenol	360.	U
541-73-1-----1,3-Dichlorobenzene	360.	U
106-46-7-----1,4-Dichlorobenzene	360.	U
95-50-1-----1,2-Dichlorobenzene	360.	U
95-48-7-----2-Methylphenol	360.	U
108-60-1-----bis(2-chloroisopropyl) ether	360.	U
106-44-5-----4-Methylphenol	360.	U
621-64-7-----n-Nitroso-di-n-propylamine	360.	U
67-72-1-----Hexachloroethane	360.	U
98-95-3-----Nitrobenzene	360.	U
78-59-1-----Isophorone	360.	U
88-75-5-----2-Nitrophenol	360.	U
105-67-9-----2,4-Dimethylphenol	360.	U
111-91-1-----bis(2-Chloroethoxy) methane	360.	U
120-83-2-----2,4-Dichlorophenol	360.	U
120-82-1-----1,2,4-Trichlorobenzene	360.	U
91-20-3-----Naphthalene	360.	U
106-47-8-----4-Chloroaniline	360.	U
87-68-3-----Hexachlorobutadiene	360.	U
59-50-7-----4-Chloro-3-methylphenol	360.	U
91-57-6-----2-Methylnaphthalene	360.	U
77-47-4-----Hexachlorocyclopentadiene	360.	U
88-06-2-----2,4,6-Trichlorophenol	360.	U
95-95-4-----2,4,5-Trichlorophenol	360.	U
91-58-7-----2-Chloronaphthalene	360.	U
88-74-4-----2-Nitroaniline	1800.	U
131-11-3-----Dimethylphthalate	360.	U
208-96-8-----Acenaphthylene	360.	U
606-20-2-----2,6-Dinitrotoluene	360.	U
99-09-2-----3-Nitroaniline	1800.	U
83-32-9-----Acenaphthene	360.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(8-10)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-12TF(8-10)	
Sample wt/vol: 30.0	(g/mL) G	Lab File ID: B1461	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 7.	decanted: (Y/N) N	Date Extracted: 06/03/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/10/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N		pH: 8.2	

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	1800.	U
100-02-7-----4-Nitrophenol	1800.	U
132-64-9-----Dibenzofuran	360.	U
121-14-2-----2,4-Dinitrotoluene	360.	U
84-66-2-----Diethylphthalate	360.	U
7005-72-3-----4-Chlorophenyl-phenylether	360.	U
86-73-7-----Fluorene	360.	U
100-01-6-----4-Nitroaniline	1800.	U
534-52-1-----4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----n-Nitrosodiphenylamine	360.	U
101-55-3-----4-Bromophenyl-phenylether	360.	U
118-74-1-----Hexachlorobenzene	360.	U
87-86-5-----Pentachlorophenol	1800.	U
85-01-8-----Phenanthrene	360.	U
120-12-7-----Anthracene	360.	U
86-74-8-----Carbazole	360.	U
84-74-2-----Di-n-butylphthalate	360.	U
206-44-0-----Fluoranthene	360.	U
129-00-0-----Pyrene	360.	U
85-68-7-----Butylbenzylphthalate	360.	U
91-94-1-----3,3'-Dichlorobenzidine	720.	U
56-55-3-----Benzo(a)anthracene	360.	U
218-01-9-----Chrysene	360.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	360 ~~160~~	~~U~~ ~~U~~
117-84-0-----Di-n-octylphthalate	360.	U
205-99-2-----Benzo(b)fluoranthene	360.	~~U~~ ~~U~~
207-08-9-----Benzo(k)fluoranthene	360.	U
50-32-8-----Benzo(a)pyrene	360.	~~U~~ ~~U~~
193-39-5-----Indeno(1,2,3-cd)pyrene	360.	U
53-70-3-----Dibenzo(a,h)anthracene	360.	U
191-24-2-----Benzo(g,h,i)perylene	360.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000464

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(10-12)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(10-12)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1462
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 23. decanted: (Y/N) N Date Extracted: 06/03/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	430.	U
111-44-4-----	bis(2-Chloroethyl) ether	430.	U
95-57-8-----	2-Chlorophenol	430.	U
541-73-1-----	1,3-Dichlorobenzene	430.	U
106-46-7-----	1,4-Dichlorobenzene	430.	U
95-50-1-----	1,2-Dichlorobenzene	430.	U
95-48-7-----	2-Methylphenol	430.	U
108-60-1-----	bis(2-chloroisopropyl) ether	430.	U
106-44-5-----	4-Methylphenol	430.	U
621-64-7-----	n-Nitroso-di-n-propylamine	430.	U
67-72-1-----	Hexachloroethane	430.	U
98-95-3-----	Nitrobenzene	430.	U
78-59-1-----	Isophorone	430.	U
88-75-5-----	2-Nitrophenol	430.	U
105-67-9-----	2,4-Dimethylphenol	430.	U
111-91-1-----	bis(2-Chloroethoxy) methane	430.	U
120-83-2-----	2,4-Dichlorophenol	430.	U
120-82-1-----	1,2,4-Trichlorobenzene	430.	U
91-20-3-----	Naphthalene	430.	U
106-47-8-----	4-Chloroaniline	430.	U
87-68-3-----	Hexachlorobutadiene	430.	U
59-50-7-----	4-Chloro-3-methylphenol	430.	U
91-57-6-----	2-Methylnaphthalene	430.	U
77-47-4-----	Hexachlorocyclopentadiene	430.	U
88-06-2-----	2,4,6-Trichlorophenol	430.	U
95-95-4-----	2,4,5-Trichlorophenol	430.	U
91-58-7-----	2-Chloronaphthalene	430.	U
88-74-4-----	2-Nitroaniline	2200.	U
131-11-3-----	Dimethylphthalate	430.	U
208-96-8-----	Acenaphthylene	430.	U
606-20-2-----	2,6-Dinitrotoluene	430.	U
99-09-2-----	3-Nitroaniline	2200.	U
83-32-9-----	Acenaphthene	430.	U

FORM I SV-1

3/90

000468

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(10-12)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(10-12)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1462
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 23. decanted: (Y/N) N Date Extracted: 06/03/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2200.	U
100-02-7-----	4-Nitrophenol	2200.	U
132-64-9-----	Dibenzofuran	430.	U
121-14-2-----	2,4-Dinitrotoluene	430.	U
84-66-2-----	Diethylphthalate	430.	U
7005-72-3-----	4-Chlorophenyl-phenylether	430.	U
86-73-7-----	Fluorene	430.	U
100-01-6-----	4-Nitroaniline	2200.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	n-Nitrosodiphenylamine	430.	U
101-55-3-----	4-Bromophenyl-phenylether	430.	U
118-74-1-----	Hexachlorobenzene	430.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	430.	U
120-12-7-----	Anthracene	430.	U
86-74-8-----	Carbazole	430.	U
84-74-2-----	Di-n-butylphthalate	430.	U
206-44-0-----	Fluoranthene	430.	U
129-00-0-----	Pyrene	430.	U
85-68-7-----	Butylbenzylphthalate	430.	U
91-94-1-----	3,3'-Dichlorobenzidine	870.	U
56-55-3-----	Benzo(a)anthracene	430.	U
218-01-9-----	Chrysene	430.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	430 360	U
117-84-0-----	Di-n-octylphthalate	430.	U
205-99-2-----	Benzo(b)fluoranthene	430.	U
207-08-9-----	Benzo(k)fluoranthene	430.	U
50-32-8-----	Benzo(a)pyrene	430.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	430.	U
53-70-3-----	Dibenzo(a,h)anthracene	430.	U
191-24-2-----	Benzo(g,h,i)perylene	430.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000469

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF (12-14)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-12TF(12-14)	
Sample wt/vol: 30.0	(g/mL) G	Lab File ID: B1463	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 19.	decanted: (Y/N) N	Date Extracted: 06/03/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/10/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 6.6		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----	Phenol	410.	U
111-44-4-----	bis(2-Chloroethyl) ether	410.	U
95-57-8-----	2-Chlorophenol	410.	U
541-73-1-----	1,3-Dichlorobenzene	410.	U
106-46-7-----	1,4-Dichlorobenzene	410.	U
95-50-1-----	1,2-Dichlorobenzene	410.	U
95-48-7-----	2-Methylphenol	410.	U
108-60-1-----	bis(2-chloroisopropyl) ether	410.	U
106-44-5-----	4-Methylphenol	410.	U
621-64-7-----	n-Nitroso-di-n-propylamine	410.	U
67-72-1-----	Hexachloroethane	410.	U
98-95-3-----	Nitrobenzene	410.	U
78-59-1-----	Isophorone	410.	U
88-75-5-----	2-Nitrophenol	410.	U
105-67-9-----	2,4-Dimethylphenol	410.	U
111-91-1-----	bis(2-Chloroethoxy)methane	410.	U
120-83-2-----	2,4-Dichlorophenol	410.	U
120-82-1-----	1,2,4-Trichlorobenzene	410.	U
91-20-3-----	Naphthalene	410.	U
106-47-8-----	4-Chloroaniline	410.	U
87-68-3-----	Hexachlorobutadiene	410.	U
59-50-7-----	4-Chloro-3-methylphenol	410.	U
91-57-6-----	2-Methylnaphthalene	410.	U
77-47-4-----	Hexachlorocyclopentadiene	410.	U
88-06-2-----	2,4,6-Trichlorophenol	410.	U
95-95-4-----	2,4,5-Trichlorophenol	410.	U
91-58-7-----	2-Chloronaphthalene	410.	U
88-74-4-----	2-Nitroaniline	2100.	U
131-11-3-----	Dimethylphthalate	410.	U
208-96-8-----	Acenaphthylene	410.	U
606-20-2-----	2,6-Dinitrotoluene	410.	U
99-09-2-----	3-Nitroaniline	2100.	U
83-32-9-----	Acenaphthene	410.	U

FORM I SV-1

3/90

000473

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(12-14)

Name: AES, Inc. Contract: _____
Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-12TF(12-14)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1463
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 19. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	2100.	U
100-02-7-----	4-Nitrophenol	2100.	U
132-64-9-----	Dibenzofuran	410.	U
121-14-2-----	2,4-Dinitrotoluene	410.	U
84-66-2-----	Diethylphthalate	410.	U
7005-72-3-----	4-Chlorophenyl-phenylether	410.	U
86-73-7-----	Fluorene	410.	U
100-01-6-----	4-Nitroaniline	2100.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2100.	U
86-30-6-----	n-Nitrosodiphenylamine	410.	U
101-55-3-----	4-Bromophenyl-phenylether	410.	U
118-74-1-----	Hexachlorobenzene	410.	U
87-86-5-----	Pentachlorophenol	2100.	U
85-01-8-----	Phenanthrene	410.	U
120-12-7-----	Anthracene	410.	U
86-74-8-----	Carbazole	410.	U
84-74-2-----	Di-n-butylphthalate	410.	U
206-44-0-----	Fluoranthene	410.	U
129-00-0-----	Pyrene	410.	U
85-68-7-----	Butylbenzylphthalate	410.	U
91-94-1-----	3,3'-Dichlorobenzidine	820.	U
56-55-3-----	Benzo(a)anthracene	410.	U
218-01-9-----	Chrysene	410.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	410 260	BT U
117-84-0-----	Di-n-octylphthalate	410.	U
205-99-2-----	Benzo(b)fluoranthene	410.	U
207-08-9-----	Benzo(k)fluoranthene	410.	U
50-32-8-----	Benzo(a)pyrene	410.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	410.	U
53-70-3-----	Dibenzo(a,h)anthracene	410.	U
191-24-2-----	Benzo(g,h,i)perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000474

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(0-2)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1424
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 10. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/08/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.5

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	370.	U
111-44-4-----	bis(2-Chloroethyl)ether	370.	U
95-57-8-----	2-Chlorophenol	370.	U
541-73-1-----	1,3-Dichlorobenzene	370.	U
106-46-7-----	1,4-Dichlorobenzene	370.	U
95-50-1-----	1,2-Dichlorobenzene	370.	U
95-48-7-----	2-Methylphenol	370.	U
108-60-1-----	bis(2-chloroisopropyl) ether	370.	U
106-44-5-----	4-Methylphenol	370.	U
621-64-7-----	n-Nitroso-di-n-propylamine	370.	U
67-72-1-----	Hexachloroethane	370.	U
98-95-3-----	Nitrobenzene	370.	U
78-59-1-----	Isophorone	370.	U
88-75-5-----	2-Nitrophenol	370.	U
105-67-9-----	2,4-Dimethylphenol	370.	U
111-91-1-----	bis(2-Chloroethoxy)methane	370.	U
120-83-2-----	2,4-Dichlorophenol	370.	U
120-82-1-----	1,2,4-Trichlorobenzene	370.	U
91-20-3-----	Naphthalene	370.	U
106-47-8-----	4-Chloroaniline	370.	U
87-68-3-----	Hexachlorobutadiene	370.	U
59-50-7-----	4-Chloro-3-methylphenol	370.	U
91-57-6-----	2-Methylnaphthalene	370.	U
77-47-4-----	Hexachlorocyclopentadiene	370.	U
88-06-2-----	2,4,6-Trichlorophenol	370.	U
95-95-4-----	2,4,5-Trichlorophenol	370.	U
91-58-7-----	2-Chloronaphthalene	370.	U
88-74-4-----	2-Nitroaniline	1900.	U
131-11-3-----	Dimethylphthalate	370.	U
208-96-8-----	Acenaphthylene	370.	U
606-20-2-----	2,6-Dinitrotoluene	370.	U
99-09-2-----	3-Nitroaniline	1900.	U
83-32-9-----	Acenaphthene	370.	U

FORM I SV-1

3/90

000478

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(0-2)
Sample wt/vol: 30.0 (g/mL) · G Lab File ID: B1424
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 10. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/08/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.5

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	1900.	U
100-02-7-----4-Nitrophenol	1900.	U
132-64-9-----Dibenzofuran	370.	U
121-14-2-----2,4-Dinitrotoluene	370.	U
84-66-2-----Diethylphthalate	370.	U
7005-72-3-----4-Chlorophenyl-phenylether	370.	U
86-73-7-----Fluorene	370.	U
100-01-6-----4-Nitroaniline	1900.	U
534-52-1-----4,6-Dinitro-2-methylphenol	1900.	U
86-30-6-----n-Nitrosodiphenylamine	370.	U
101-55-3-----4-Bromophenyl-phenylether	370.	U
118-74-1-----Hexachlorobenzene	370.	U
87-86-5-----Pentachlorophenol	1900.	U
85-01-8-----Phenanthrene	370.	U
120-12-7-----Anthracene	370.	U
86-74-8-----Carbazole	370.	U
84-74-2-----Di-n-butylphthalate	370.	U
206-44-0-----Fluoranthene	370.	U
129-00-0-----Pyrene	370.	U
85-68-7-----Butylbenzylphthalate	370.	U
91-94-1-----3,3'-Dichlorobenzidine	740.	U
56-55-3-----Benzo (a) anthracene	370.	U
218-01-9-----Chrysene	370.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	370 200.	U
117-84-0-----Di-n-octylphthalate	370.	U
205-99-2-----Benzo (b) fluoranthene	370.	U
207-08-9-----Benzo (k) fluoranthene	370.	U
50-32-8-----Benzo (a) pyrene	370.	U
193-39-5-----Indeno (1,2,3-cd)pyrene	370.	U
53-70-3-----Dibenzo (a,h) anthracene	370.	U
191-24-2-----Benzo (g,h,i) perylene	370.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000479

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(2-4)

Name: AES, Inc. Contract: SDG No.: NES-10TF(2-4)
 Lab Code: AES Case No.: HRP0406 SAS No.: Lab Sample ID: NES-13TF(2-4)
 Matrix: (soil/water) SOIL Lab File ID: B1425
 Sample wt/vol: 30.0 (g/mL) G Date Received: 05/26/04
 Level: (low/med) LOW Date Extracted: 06/03/04
 % Moisture: 7. decanted: (Y/N) N Date Analyzed: 06/08/04
 Concentrated Extract Volume: 2000.0 (uL) Dilution Factor: 1.0
 Injection Volume: 2.0 (uL)
 GPC Cleanup: (Y/N) N pH: 8.6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	360.	U
111-44-4-----	bis(2-Chloroethyl) ether	360.	U
95-57-8-----	2-Chlorophenol	360.	U
541-73-1-----	1,3-Dichlorobenzene	360.	U
106-46-7-----	1,4-Dichlorobenzene	360.	U
95-50-1-----	1,2-Dichlorobenzene	360.	U
95-48-7-----	2-Methylphenol	360.	U
108-60-1-----	bis(2-chloroisopropyl) ether	360.	U
106-44-5-----	4-Methylphenol	360.	U
621-64-7-----	n-Nitroso-di-n-propylamine	360.	U
67-72-1-----	Hexachloroethane	360.	U
98-95-3-----	Nitrobenzene	360.	U
78-59-1-----	Isophorone	360.	U
88-75-5-----	2-Nitrophenol	360.	U
105-67-9-----	2,4-Dimethylphenol	360.	U
111-91-1-----	bis(2-Chloroethoxy) methane	360.	U
120-83-2-----	2,4-Dichlorophenol	360.	U
120-82-1-----	1,2,4-Trichlorobenzene	360.	U
91-20-3-----	Naphthalene	360.	U
106-47-8-----	4-Chloroaniline	360.	U
87-68-3-----	Hexachlorobutadiene	360.	U
59-50-7-----	4-Chloro-3-methylphenol	360.	U
91-57-6-----	2-Methylnaphthalene	360.	U
77-47-4-----	Hexachlorocyclopentadiene	360.	U
88-06-2-----	2,4,6-Trichlorophenol	360.	U
95-95-4-----	2,4,5-Trichlorophenol	360.	U
91-58-7-----	2-Chloronaphthalene	360.	U
88-74-4-----	2-Nitroaniline	1800.	U
131-11-3-----	Dimethylphthalate	360.	U
208-96-8-----	Acenaphthylene	360.	U
606-20-2-----	2,6-Dinitrotoluene	360.	U
99-09-2-----	3-Nitroaniline	1800.	U
83-32-9-----	Acenaphthene	360.	U

FORM I SV-1

3/90

000483

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(2-4)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(2-4)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1425
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 7. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/08/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.6

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	1800.	U
100-02-7-----	4-Nitrophenol	1800.	U
132-64-9-----	Dibenzofuran	360.	U
121-14-2-----	2,4-Dinitrotoluene	360.	U
84-66-2-----	Diethylphthalate	360.	U
7005-72-3-----	4-Chlorophenyl-phenylether	360.	U
86-73-7-----	Fluorene	360.	U
100-01-6-----	4-Nitroaniline	1800.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1800.	U
86-30-6-----	n-Nitrosodiphenylamine	360.	U
101-55-3-----	4-Bromophenyl-phenylether	360.	U
118-74-1-----	Hexachlorobenzene	360.	U
87-86-5-----	Pentachlorophenol	1800.	U
85-01-8-----	Phenanthrene	360.	U
120-12-7-----	Anthracene	360.	U
86-74-8-----	Carbazole	360.	U
84-74-2-----	Di-n-butylphthalate	360.	U
206-44-0-----	Fluoranthene	360.	U
129-00-0-----	Pyrene	360.	U
85-68-7-----	Butylbenzylphthalate	360.	U
91-94-1-----	3,3'-Dichlorobenzidine	720.	U
56-55-3-----	Benzo(a)anthracene	360.	U
218-01-9-----	Chrysene	360.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	500.	U
117-84-0-----	Di-n-octylphthalate	360.	U
205-99-2-----	Benzo(b)fluoranthene	360.	U
207-08-9-----	Benzo(k)fluoranthene	360.	U
50-32-8-----	Benzo(a)pyrene	360.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	360.	U
53-70-3-----	Dibenzo(a,h)anthracene	360.	U
191-24-2-----	Benzo(g,h,i)perylene	360.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000484

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(4-6)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-13TF(4-6)	
Sample wt/vol:	30.0 (g/mL)	G	Lab File ID: B1426
Level: (low/med) LOW	Date Received: 05/26/04		
% Moisture: 10.	decanted: (Y/N) N	Date Extracted: 06/03/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/08/04	
Injection Volume: 2.0 (uL)	Dilution Factor: 1.0		
GPC Cleanup: (Y/N) N	pH: 8.4		

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	370.	U
111-44-4-----	bis(2-Chloroethyl) ether	370.	U
95-57-8-----	2-Chlorophenol	370.	U
541-73-1-----	1,3-Dichlorobenzene	370.	U
106-46-7-----	1,4-Dichlorobenzene	370.	U
95-50-1-----	1,2-Dichlorobenzene	370.	U
95-48-7-----	2-Methylphenol	370.	U
108-60-1-----	bis(2-chloroisopropyl) ether	370.	U
106-44-5-----	4-Methylphenol	370.	U
621-64-7-----	n-Nitroso-di-n-propylamine	370.	U
67-72-1-----	Hexachloroethane	370.	U
98-95-3-----	Nitrobenzene	370.	U
78-59-1-----	Isophorone	370.	U
88-75-5-----	2-Nitrophenol	370.	U
105-67-9-----	2,4-Dimethylphenol	370.	U
111-91-1-----	bis(2-Chloroethoxy) methane	370.	U
120-83-2-----	2,4-Dichlorophenol	370.	U
120-82-1-----	1,2,4-Trichlorobenzene	370.	U
91-20-3-----	Naphthalene	370.	U
106-47-8-----	4-Chloroaniline	370.	U
87-68-3-----	Hexachlorobutadiene	370.	U
59-50-7-----	4-Chloro-3-methylphenol	370.	U
91-57-6-----	2-Methylnaphthalene	370.	U
77-47-4-----	Hexachlorocyclopentadiene	370.	U
88-06-2-----	2,4,6-Trichlorophenol	370.	U
95-95-4-----	2,4,5-Trichlorophenol	370.	U
91-58-7-----	2-Chloronaphthalene	370.	U
88-74-4-----	2-Nitroaniline	1900.	U
131-11-3-----	Dimethylphthalate	370.	U
208-96-8-----	Acenaphthylene	370.	U
606-20-2-----	2,6-Dinitrotoluene	370.	U
99-09-2-----	3-Nitroaniline	1900.	U
83-32-9-----	Acenaphthene	370.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(4-6)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(4-6)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1426
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 10. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/08/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.4

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

51-28-5-----	2,4-Dinitrophenol	1900.	U
100-02-7-----	4-Nitrophenol	1900.	U
132-64-9-----	Dibenzofuran	370.	U
121-14-2-----	2,4-Dinitrotoluene	370.	U
84-66-2-----	Diethylphthalate	370.	U
7005-72-3-----	4-Chlorophenyl-phenylether	370.	U
86-73-7-----	Fluorene	370.	U
100-01-6-----	4-Nitroaniline	1900.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1900.	U
86-30-6-----	n-Nitrosodiphenylamine	370.	U
101-55-3-----	4-Bromophenyl-phenylether	370.	U
118-74-1-----	Hexachlorobenzene	370.	U
87-86-5-----	Pentachlorophenol	1900.	U
85-01-8-----	Phenanthrene	370.	U
120-12-7-----	Anthracene	370.	U
86-74-8-----	Carbazole	370.	U
84-74-2-----	Di-n-butylphthalate	370.	U
206-44-0-----	Fluoranthene	370.	U
129-00-0-----	Pyrene	370.	U
85-68-7-----	Butylbenzylphthalate	370.	U
91-94-1-----	3,3'-Dichlorobenzidine	740.	U
56-55-3-----	Benzo(a)anthracene	370.	U
218-01-9-----	Chrysene	370.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	510.	U
117-84-0-----	Di-n-octylphthalate	370.	U
205-99-2-----	Benzo(b)fluoranthene	370.	U
207-08-9-----	Benzo(k)fluoranthene	370.	U
50-32-8-----	Benzo(a)pyrene	370.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	370.	U
53-70-3-----	Dibenzo(a,h)anthracene	370.	U
191-24-2-----	Benzo(g,h,i)perylene	370.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000489

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(6-8)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-13TF(6-8)	
Sample wt/vol: 30.0	(g/mL) G	Lab File ID: B1539	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 12.	decanted: (Y/N) N	Date Extracted: 06/03/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/15/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 7.9		

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

108-95-2-----	Phenol	380.	U
111-44-4-----	bis(2-Chloroethyl) ether	380.	U
95-57-8-----	2-Chlorophenol	380.	U
541-73-1-----	1,3-Dichlorobenzene	380.	U
106-46-7-----	1,4-Dichlorobenzene	380.	U
95-50-1-----	1,2-Dichlorobenzene	380.	U
95-48-7-----	2-Methylphenol	380.	U
108-60-1-----	bis(2-chloroisopropyl) ether	380.	U
106-44-5-----	4-Methylphenol	380.	U
621-64-7-----	n-Nitroso-di-n-propylamine	380.	U
67-72-1-----	Hexachloroethane	380.	U
98-95-3-----	Nitrobenzene	380.	U
78-59-1-----	Isophorone	380.	U
88-75-5-----	2-Nitrophenol	380.	U
105-67-9-----	2,4-Dimethylphenol	380.	U
111-91-1-----	bis(2-Chloroethoxy) methane	380.	U
120-83-2-----	2,4-Dichlorophenol	380.	U
120-82-1-----	1,2,4-Trichlorobenzene	380.	U
91-20-3-----	Naphthalene	380.	U
106-47-8-----	4-Chloroaniline	380.	U
87-68-3-----	Hexachlorobutadiene	380.	U
59-50-7-----	4-Chloro-3-methylphenol	380.	U
91-57-6-----	2-Methylnaphthalene	380.	U
77-47-4-----	Hexachlorocyclopentadiene	380.	U
88-06-2-----	2,4,6-Trichlorophenol	380.	U
95-95-4-----	2,4,5-Trichlorophenol	380.	U
91-58-7-----	2-Chloronaphthalene	380.	U
88-74-4-----	2-Nitroaniline	1900.	U
131-11-3-----	Dimethylphthalate	380.	U
208-96-8-----	Acenaphthylene	380.	U
606-20-2-----	2,6-Dinitrotoluene	380.	U
99-09-2-----	3-Nitroaniline	1900.	U
83-32-9-----	Acenaphthene	380.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(6-8)

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0406 SAS No.: _____ SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(6-8)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1539
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 12. decanted: (Y/N) N Date Extracted: 06/03/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/15/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1900.	U
100-02-7-----	4-Nitrophenol	1900.	U
132-64-9-----	Dibenzofuran	380.	U
121-14-2-----	2,4-Dinitrotoluene	380.	U
84-66-2-----	Diethylphthalate	380.	U
7005-72-3-----	4-Chlorophenyl-phenylether	380.	U
86-73-7-----	Fluorene	380.	U
100-01-6-----	4-Nitroaniline	1900.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1900.	U
86-30-6-----	n-Nitrosodiphenylamine	380.	U
101-55-3-----	4-Bromophenyl-phenylether	380.	U
118-74-1-----	Hexachlorobenzene	380.	U
87-86-5-----	Pentachlorophenol	1900.	U
85-01-8-----	Phenanthrene	380.	U
120-12-7-----	Anthracene	380.	U
86-74-8-----	Carbazole	380.	U
84-74-2-----	Di-n-butylphthalate	380.	U
206-44-0-----	Fluoranthene	380.	U
129-00-0-----	Pyrene	380.	U
85-68-7-----	Butylbenzylphthalate	380.	U
91-94-1-----	3,3'-Dichlorobenzidine	760.	U
56-55-3-----	Benzo(a)anthracene	380.	U
218-01-9-----	Chrysene	380.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	380.20.	U
117-84-0-----	Di-n-octylphthalate	380.	U
205-99-2-----	Benzo(b)fluoranthene	380.	U
207-08-9-----	Benzo(k)fluoranthene	380.	U
50-32-8-----	Benzo(a)pyrene	380.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	380.	U
53-70-3-----	Dibenzo(a,h)anthracene	380.	U
191-24-2-----	Benzo(g,h,i)perylene	380.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000494

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF (8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1430
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 18. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/08/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	410.	U
111-44-4-----	bis(2-Chloroethyl) ether	410.	U
95-57-8-----	2-Chlorophenol	410.	U
541-73-1-----	1,3-Dichlorobenzene	410.	U
106-46-7-----	1,4-Dichlorobenzene	410.	U
95-50-1-----	1,2-Dichlorobenzene	410.	U
95-48-7-----	2-Methylphenol	410.	U
108-60-1-----	bis(2-chloroisopropyl) ether	410.	U
106-44-5-----	4-Methylphenol	410.	U
621-64-7-----	n-Nitroso-di-n-propylamine	410.	U
67-72-1-----	Hexachloroethane	410.	U
98-95-3-----	Nitrobenzene	410.	U
78-59-1-----	Isophorone	410.	U
88-75-5-----	2-Nitrophenol	410.	U
105-67-9-----	2,4-Dimethylphenol	410.	U
111-91-1-----	bis(2-Chloroethoxy) methane	410.	U
120-83-2-----	2,4-Dichlorophenol	410.	U
120-82-1-----	1,2,4-Trichlorobenzene	410.	U
91-20-3-----	Naphthalene	410.	U
106-47-8-----	4-Chloroaniline	410.	U
87-68-3-----	Hexachlorobutadiene	410.	U
59-50-7-----	4-Chloro-3-methylphenol	410.	U
91-57-6-----	2-Methylnaphthalene	410.	U
77-47-4-----	Hexachlorocyclopentadiene	410.	U
88-06-2-----	2,4,6-Trichlorophenol	410.	U
95-95-4-----	2,4,5-Trichlorophenol	410.	U
91-58-7-----	2-Chloronaphthalene	410.	U
88-74-4-----	2-Nitroaniline	2000.	U
131-11-3-----	Dimethylphthalate	410.	U
208-96-8-----	Acenaphthylene	410.	U
606-20-2-----	2,6-Dinitrotoluene	410.	U
99-09-2-----	3-Nitroaniline	2000.	U
83-32-9-----	Acenaphthene	410.	U

FORM I SV-1

3/90

000498

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(8-10)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(8-10)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1430
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 18. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/08/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.8

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

51-28-5-----2,4-Dinitrophenol	2000.	U
100-02-7-----4-Nitrophenol	2000.	U
132-64-9-----Dibenzofuran	410.	U
121-14-2-----2,4-Dinitrotoluene	410.	U
84-66-2-----Diethylphthalate	410.	U
7005-72-3-----4-Chlorophenyl-phenylether	410.	U
86-73-7-----Fluorene	410.	U
100-01-6-----4-Nitroaniline	2000.	U
534-52-1-----4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----n-Nitrosodiphenylamine	410.	U
101-55-3-----4-Bromophenyl-phenylether	410.	U
118-74-1-----Hexachlorobenzene	410.	U
87-86-5-----Pentachlorophenol	2000.	U
85-01-8-----Phenanthrene	410.	U
120-12-7-----Anthracene	410.	U
86-74-8-----Carbazole	410.	U
84-74-2-----Di-n-butylphthalate	410.	U
206-44-0-----Fluoranthene	410.	U
129-00-0-----Pyrene	410.	U
85-68-7-----Butylbenzylphthalate	410.	U
91-94-1-----3,3'-Dichlorobenzidine	810.	U
56-55-3-----Benzo (a) anthracene	410.	U
218-01-9-----Chrysene	410.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	460.	BU
117-84-0-----Di-n-octylphthalate	410.	U
205-99-2-----Benzo (b) fluoranthene	410.	BUJ
207-08-9-----Benzo (k) fluoranthene	410.	U
50-32-8-----Benzo (a) pyrene	410.	BUJ
193-39-5-----Indeno (1,2,3-cd) pyrene	410.	U
53-70-3-----Dibenzo (a,h) anthracene	410.	U
191-24-2-----Benzo (g,h,i) perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000499

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(10-12)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-13TF(10-12)	
Sample wt/vol: 30.0 (g/mL)	G	Lab File ID: B1431	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 18. decanted: (Y/N) N		Date Extracted: 06/03/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/08/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 6.6		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	410.	U
111-44-4-----bis(2-Chloroethyl) ether	410.	U
95-57-8-----2-Chlorophenol	410.	U
541-73-1-----1,3-Dichlorobenzene	410.	U
106-46-7-----1,4-Dichlorobenzene	410.	U
95-50-1-----1,2-Dichlorobenzene	410.	U
95-48-7-----2-Methylphenol	410.	U
108-60-1-----bis(2-chloroisopropyl) ether	410.	U
106-44-5-----4-Methylphenol	410.	U
621-64-7-----n-Nitroso-di-n-propylamine	410.	U
67-72-1-----Hexachloroethane	410.	U
98-95-3-----Nitrobenzene	410.	U
78-59-1-----Isophorone	410.	U
88-75-5-----2-Nitrophenol	410.	U
105-67-9-----2,4-Dimethylphenol	410.	U
111-91-1-----bis(2-Chloroethoxy) methane	410.	U
120-83-2-----2,4-Dichlorophenol	410.	U
120-82-1-----1,2,4-Trichlorobenzene	410.	U
91-20-3-----Naphthalene	410.	U
106-47-8-----4-Chloroaniline	410.	U
87-68-3-----Hexachlorobutadiene	410.	U
59-50-7-----4-Chloro-3-methylphenol	410.	U
91-57-6-----2-Methylnaphthalene	410.	U
77-47-4-----Hexachlorocyclopentadiene	410.	U
88-06-2-----2,4,6-Trichlorophenol	410.	U
95-95-4-----2,4,5-Trichlorophenol	410.	U
91-58-7-----2-Chloronaphthalene	410.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	410.	U
208-96-8-----Acenaphthylene	410.	U
606-20-2-----2,6-Dinitrotoluene	410.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	410.	U

FORM I SV-1

3/90

000503

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(10-12)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-13TF(10-12)	
Sample wt/vol: 30.0 (g/mL)	G	Lab File ID: B1431	
Level: (low/med) LOW		Date Received: 05/26/04	
% Moisture: 18.	decanted: (Y/N) N	Date Extracted: 06/03/04	
Concentrated Extract Volume: 2000.0 (uL)		Date Analyzed: 06/08/04	
Injection Volume: 2.0 (uL)		Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 6.6		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

51-28-5-----	2,4-Dinitrophenol	2000.	U
100-02-7-----	4-Nitrophenol	2000.	U
132-64-9-----	Dibenzofuran	410.	U
121-14-2-----	2,4-Dinitrotoluene	410.	U
84-66-2-----	Diethylphthalate	410.	U
7005-72-3-----	4-Chlorophenyl-phenylether	410.	U
86-73-7-----	Fluorene	410.	U
100-01-6-----	4-Nitroaniline	2000.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----	n-Nitrosodiphenylamine	410.	U
101-55-3-----	4-Bromophenyl-phenylether	410.	U
118-74-1-----	Hexachlorobenzene	410.	U
87-86-5-----	Pentachlorophenol	2000.	U
85-01-8-----	Phenanthrene	410.	U
120-12-7-----	Anthracene	410.	U
86-74-8-----	Carbazole	410.	U
84-74-2-----	Di-n-butylphthalate	410.	U
206-44-0-----	Fluoranthene	410.	U
129-00-0-----	Pyrene	410.	U
85-68-7-----	Butylbenzylphthalate	410.	U
91-94-1-----	3,3'-Dichlorobenzidine	810.	U
56-55-3-----	Benzo(a) anthracene	410.	U
218-01-9-----	Chrysene	410.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	410 400.	U
117-84-0-----	Di-n-octylphthalate	410.	U
205-99-2-----	Benzo(b) fluoranthene	410.	U
207-08-9-----	Benzo(k) fluoranthene	410.	U
50-32-8-----	Benzo(a) pyrene	410.	U
193-39-5-----	Indeno(1,2,3-cd) pyrene	410.	U
53-70-3-----	Dibenzo(a,h) anthracene	410.	U
191-24-2-----	Benzo(g,h,i) perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000504

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(12-13)

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0406	SAS No.:	SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL		Lab Sample ID: NES-13TF(12-13)	
Sample wt/vol:	30.0 (g/mL)	G	Lab File ID: B1529
Level: (low/med) LOW			Date Received: 05/26/04
% Moisture: 15.	decanted: (Y/N) N		Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL)			Date Analyzed: 06/15/04
Injection Volume: 2.0 (uL)			Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	pH: 6.8		

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

108-95-2-----Phenol	390.	U
111-44-4-----bis(2-Chloroethyl) ether	390.	U
95-57-8-----2-Chlorophenol	390.	U
541-73-1-----1,3-Dichlorobenzene	390.	U
106-46-7-----1,4-Dichlorobenzene	390.	U
95-50-1-----1,2-Dichlorobenzene	390.	U
95-48-7-----2-Methylphenol	390.	U
108-60-1-----bis(2-chloroisopropyl) ether	390.	U
106-44-5-----4-Methylphenol	390.	U
621-64-7-----n-Nitroso-di-n-propylamine	390.	U
67-72-1-----Hexachloroethane	390.	U
98-95-3-----Nitrobenzene	390.	U
78-59-1-----Isophorone	390.	U
88-75-5-----2-Nitrophenol	390.	U
105-67-9-----2,4-Dimethylphenol	390.	U
111-91-1-----bis(2-Chloroethoxy) methane	390.	U
120-83-2-----2,4-Dichlorophenol	390.	U
120-82-1-----1,2,4-Trichlorobenzene	390.	U
91-20-3-----Naphthalene	390.	U
106-47-8-----4-Chloroaniline	390.	U
87-68-3-----Hexachlorobutadiene	390.	U
59-50-7-----4-Chloro-3-methylphenol	390.	U
91-57-6-----2-Methylnaphthalene	390.	U
77-47-4-----Hexachlorocyclopentadiene	390.	U
88-06-2-----2,4,6-Trichlorophenol	390.	U
95-95-4-----2,4,5-Trichlorophenol	390.	U
91-58-7-----2-Chloronaphthalene	390.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	390.	U
208-96-8-----Acenaphthylene	390.	U
606-20-2-----2,6-Dinitrotoluene	390.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	390.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(12-13)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-13TF(12-13)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1529
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 15. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/15/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2000.	U
100-02-7-----	4-Nitrophenol	2000.	U
132-64-9-----	Dibenzofuran	390.	U
121-14-2-----	2,4-Dinitrotoluene	390.	U
84-66-2-----	Diethylphthalate	390.	U
7005-72-3-----	4-Chlorophenyl-phenylether	390.	U
86-73-7-----	Fluorene	390.	U
100-01-6-----	4-Nitroaniline	2000.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----	n-Nitrosodiphenylamine	390.	U
101-55-3-----	4-Bromophenyl-phenylether	390.	U
118-74-1-----	Hexachlorobenzene	390.	U
87-86-5-----	Pentachlorophenol	2000.	U
85-01-8-----	Phenanthrene	390.	U
120-12-7-----	Anthracene	390.	U
86-74-8-----	Carbazole	390.	U
84-74-2-----	Di-n-butylphthalate	390.	U
206-44-0-----	Fluoranthene	390.	U
129-00-0-----	Pyrene	390.	U
85-68-7-----	Butylbenzylphthalate	390.	U
91-94-1-----	3,3'-Dichlorobenzidine	780.	U
56-55-3-----	Benzo(a)anthracene	390.	U
218-01-9-----	Chrysene	390.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	390 130	U
117-84-0-----	Di-n-octylphthalate	390.	U
205-99-2-----	Benzo(b)fluoranthene	390.	U
207-08-9-----	Benzo(k)fluoranthene	390.	U
50-32-8-----	Benzo(a)pyrene	390.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	390.	U
53-70-3-----	Dibenzo(a,h)anthracene	390.	U
191-24-2-----	Benzo(g,h,i)perylene	390.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000509

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-15BA(0-2)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1464
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 18. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.3

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

108-95-2-----Phenol	410.	U
111-44-4-----bis(2-Chloroethyl) ether	410.	U
95-57-8-----2-Chlorophenol	410.	U
541-73-1-----1,3-Dichlorobenzene	410.	U
106-46-7-----1,4-Dichlorobenzene	410.	U
95-50-1-----1,2-Dichlorobenzene	410.	U
95-48-7-----2-Methylphenol	410.	U
108-60-1-----bis(2-chloroisopropyl) ether	410.	U
106-44-5-----4-Methylphenol	410.	U
621-64-7-----n-Nitroso-di-n-propylamine	410.	U
67-72-1-----Hexachloroethane	410.	U
98-95-3-----Nitrobenzene	410.	U
78-59-1-----Isophorone	410.	U
88-75-5-----2-Nitrophenol	410.	U
105-67-9-----2,4-Dimethylphenol	410.	U
111-91-1-----bis(2-Chloroethoxy) methane	410.	U
120-83-2-----2,4-Dichlorophenol	410.	U
120-82-1-----1,2,4-Trichlorobenzene	410.	U
91-20-3-----Naphthalene	410.	U
106-47-8-----4-Chloroaniline	410.	U
87-68-3-----Hexachlorobutadiene	410.	U
59-50-7-----4-Chloro-3-methylphenol	410.	U
91-57-6-----2-Methylnaphthalene	410.	U
77-47-4-----Hexachlorocyclopentadiene	410.	U
88-06-2-----2,4,6-Trichlorophenol	410.	U
95-95-4-----2,4,5-Trichlorophenol	410.	U
91-58-7-----2-Chloronaphthalene	410.	U
88-74-4-----2-Nitroaniline	2000.	U
131-11-3-----Dimethylphthalate	410.	U
208-96-8-----Acenaphthylene	410.	U
606-20-2-----2,6-Dinitrotoluene	410.	U
99-09-2-----3-Nitroaniline	2000.	U
83-32-9-----Acenaphthene	410.	U

FORM I SV-1

3/90

000513

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(0-2)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-15BA(0-2)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1464
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 18. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2000.	U
100-02-7-----	4-Nitrophenol	2000.	U
132-64-9-----	Dibenzofuran	410.	U
121-14-2-----	2,4-Dinitrotoluene	410.	U
84-66-2-----	Diethylphthalate	410.	U
7005-72-3-----	4-Chlorophenyl-phenylether	410.	U
86-73-7-----	Fluorene	410.	U
100-01-6-----	4-Nitroaniline	2000.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----	n-Nitrosodiphenylamine	410.	U
101-55-3-----	4-Bromophenyl-phenylether	410.	U
118-74-1-----	Hexachlorobenzene	410.	U
87-86-5-----	Pentachlorophenol	2000.	U
85-01-8-----	Phenanthrene	410.	U
120-12-7-----	Anthracene	410.	U
86-74-8-----	Carbazole	410.	U
84-74-2-----	Di-n-butylphthalate	410.	U
206-44-0-----	Fluoranthene	410.	U
129-00-0-----	Pyrene	410.	U
85-68-7-----	Butylbenzylphthalate	410.	U
91-94-1-----	3,3'-Dichlorobenzidine	810.	U
56-55-3-----	Benzo(a)anthracene	410.	U
218-01-9-----	Chrysene	410.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	420.	U
117-84-0-----	Di-n-octylphthalate	410.	U
205-99-2-----	Benzo(b)fluoranthene	410.	U
207-08-9-----	Benzo(k)fluoranthene	410.	U
50-32-8-----	Benzo(a)pyrene	410.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	410.	U
53-70-3-----	Dibenzo(a,h)anthracene	410.	U
191-24-2-----	Benzo(g,h,i)perylene	410.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000514

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(4-5)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-15BA(4-5)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1466
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: 15. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 6.6

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

108-95-2-----	Phenol	390.	U
111-44-4-----	bis(2-Chloroethyl) ether	390.	U
95-57-8-----	2-Chlorophenol	390.	U
541-73-1-----	1,3-Dichlorobenzene	390.	U
106-46-7-----	1,4-Dichlorobenzene	390.	U
95-50-1-----	1,2-Dichlorobenzene	390.	U
95-48-7-----	2-Methylphenol	390.	U
108-60-1-----	bis(2-chloroisopropyl) ether	390.	U
106-44-5-----	4-Methylphenol	390.	U
621-64-7-----	n-Nitroso-di-n-propylamine	390.	U
67-72-1-----	Hexachloroethane	390.	U
98-95-3-----	Nitrobenzene	390.	U
78-59-1-----	Isophorone	390.	U
88-75-5-----	2-Nitrophenol	390.	U
105-67-9-----	2,4-Dimethylphenol	390.	U
111-91-1-----	bis(2-Chloroethoxy) methane	390.	U
120-83-2-----	2,4-Dichlorophenol	390.	U
120-82-1-----	1,2,4-Trichlorobenzene	390.	U
91-20-3-----	Naphthalene	390.	U
106-47-8-----	4-Chloroaniline	390.	U
87-68-3-----	Hexachlorobutadiene	390.	U
59-50-7-----	4-Chloro-3-methylphenol	390.	U
91-57-6-----	2-Methylnaphthalene	390.	U
77-47-4-----	Hexachlorocyclopentadiene	390.	U
88-06-2-----	2,4,6-Trichlorophenol	390.	U
95-95-4-----	2,4,5-Trichlorophenol	390.	U
91-58-7-----	2-Chloronaphthalene	390.	U
88-74-4-----	2-Nitroaniline	2000.	U
131-11-3-----	Dimethylphthalate	390.	U
208-96-8-----	Acenaphthylene	390.	U
606-20-2-----	2,6-Dinitrotoluene	390.	U
99-09-2-----	3-Nitroaniline	2000.	U
83-32-9-----	Acenaphthene	390.	U

FORM I SV-1

3/90

000518

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(4-5)

Name: AES, Inc. Contract:
 L. Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
 Matrix: (soil/water) SOIL Lab Sample ID: NES-15BA(4-5)
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1466
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: 15. decanted: (Y/N) N Date Extracted: 06/03/04
 Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/10/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 6.6

CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	2000.	U
100-02-7-----	4-Nitrophenol	2000.	U
132-64-9-----	Dibenzofuran	390.	U
121-14-2-----	2,4-Dinitrotoluene	390.	U
84-66-2-----	Diethylphthalate	390.	U
7005-72-3-----	4-Chlorophenyl-phenylether	390.	U
86-73-7-----	Fluorene	390.	U
100-01-6-----	4-Nitroaniline	2000.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	2000.	U
86-30-6-----	n-Nitrosodiphenylamine	390.	U
101-55-3-----	4-Bromophenyl-phenylether	390.	U
118-74-1-----	Hexachlorobenzene	390.	U
87-86-5-----	Pentachlorophenol	2000.	U
85-01-8-----	Phenanthrene	390.	U
120-12-7-----	Anthracene	390.	U
86-74-8-----	Carbazole	390.	U
84-74-2-----	Di-n-butylphthalate	390.	U
206-44-0-----	Fluoranthene	390.	U
129-00-0-----	Pyrene	390.	U
85-68-7-----	Butylbenzylphthalate	390.	U
91-94-1-----	3,3'-Dichlorobenzidine	780.	U
56-55-3-----	Benzo(a)anthracene	390.	U
218-01-9-----	Chrysene	390.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	390.	U
117-84-0-----	Di-n-octylphthalate	390.	U
205-99-2-----	Benzo(b)fluoranthene	390.	U
207-08-9-----	Benzo(k)fluoranthene	390.	U
50-32-8-----	Benzo(a)pyrene	390.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	390.	U
53-70-3-----	Dibenzo(a,h)anthracene	390.	U
191-24-2-----	Benzo(g,h,i)perylene	390.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000519

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(2-4)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-10TF(2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1302

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 9. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 20.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

730.
730.
730.
730.
2200.
730.
1100.

U
U
U
U
J
U
U

FORM I PEST

1/87 Rev.

000670

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(4-6)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-10TF(4-6)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1303

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 11. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 8.3

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	37.	U
11104-28-2-----Aroclor-1221	37.	U
11141-16-5-----Aroclor-1232	37.	U
53469-21-9-----Aroclor-1242	37.	U
12672-29-6-----Aroclor-1248	200.	J
11097-69-1-----Aroclor-1254	37.	U
11096-82-5-----Aroclor-1260	31.	J

FORM I PEST

1/87 Rev.

000677

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(6-8)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-10TF(6-8)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1238

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 12. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/05/04

GPC Cleanup: (Y/N) N pH: 8.1

Dilution Factor: 1.00

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

38.
38.
38.
38.
38.
38.
38.

U
U
U
U
U
U
U

FORM I PEST

1/87 Rev.

000683

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(8-10)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-10TF(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1304

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 18. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 7.1

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

41.
41.
41.
41.
140.
41.
85.

U
U
U
U
U
U
U

FORM I PEST

1/87 Rev.

000686

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(10-11)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-10TF(10-11)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1240

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 16. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/05/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	40.	U
11104-28-2-----	Aroclor-1221	40.	U
11141-16-5-----	Aroclor-1232	40.	U
53469-21-9-----	Aroclor-1242	40.	U
12672-29-6-----	Aroclor-1248	40.	U
11097-69-1-----	Aroclor-1254	40.	U
11096-82-5-----	Aroclor-1260	40.	U

FORM I PEST

1/87 Rev.

000693

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(0-2)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-12TF(0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1286

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 7. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 8.3

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016	36.	U
11104-28-2-----Aroclor-1221	36.	U
11141-16-5-----Aroclor-1232	36.	U
53469-21-9-----Aroclor-1242	36.	U
12672-29-6-----Aroclor-1248	36.	U
11097-69-1-----Aroclor-1254	36.	U
11096-82-5-----Aroclor-1260	36.	U

FORM I PEST

1/87 Rev.

000696

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(2-4)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-12TF(2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1287

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 7. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 8.3

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

36. U
36. U
36. U
36. U
36. U
36. U
36. U

FORM I PEST

1/87 Rev.

000699

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(4-8)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-12TF(4-8)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1288

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 8. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 8.2

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	36.	U
11104-28-2-----Aroclor-1221	36.	U
11141-16-5-----Aroclor-1232	36.	U
53469-21-9-----Aroclor-1242	36.	U
12672-29-6-----Aroclor-1248	36.	U
11097-69-1-----Aroclor-1254	36.	U
11096-82-5-----Aroclor-1260	36.	U

FORM I PEST

1/87 Rev.

000702

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(8-10)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-12TF(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1289

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 7. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 8.2

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016	36.	U
11104-28-2-----Aroclor-1221	36.	U
11141-16-5-----Aroclor-1232	36.	U
53469-21-9-----Aroclor-1242	36.	U
12672-29-6-----Aroclor-1248	36.	U
11097-69-1-----Aroclor-1254	36.	U
11096-82-5-----Aroclor-1260	36.	U

FORM I PEST

1/87 Rev.

000705

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(10-12)

L Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-12TF(10-12)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1290

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 23. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 7.2

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

43. U
43. U
43. U
43. U
43. U
43. U
43. U

FORM I PEST

1/87 Rev.

000708

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-12TF(12-14)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-12TF(12-14)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1291

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 19. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 6.6

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	41.	U
11104-28-2-----Aroclor-1221	41.	U
11141-16-5-----Aroclor-1232	41.	U
53469-21-9-----Aroclor-1242	41.	U
12672-29-6-----Aroclor-1248	41.	U
11097-69-1-----Aroclor-1254	41.	U
11096-82-5-----Aroclor-1260	41.	U

JB

FORM I PEST

1/87 Rev.

000711

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(0-2)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-13TF(0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1241

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 10. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/05/04

GPC Cleanup: (Y/N) N pH: 8.5

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

37.	U
37.	U
37.	U
37.	U
37.	U
37.	U
37.	U

FORM I PEST

1/87 Rev.

000714

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(2-4)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-13TF(2-4)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1242

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 7. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/05/04

GPC Cleanup: (Y/N) N pH: 8.6

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	36.	U
11104-28-2-----	Aroclor-1221	36.	U
11141-16-5-----	Aroclor-1232	36.	U
53469-21-9-----	Aroclor-1242	36.	U
12672-29-6-----	Aroclor-1248	36.	U
11097-69-1-----	Aroclor-1254	36.	U
11096-82-5-----	Aroclor-1260	36.	U

FORM I PEST

1/87 Rev.

000717

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(4-6)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-13TF(4-6)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1243

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 10. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/05/04

GPC Cleanup: (Y/N) N pH: 8.4

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

37. U
37. U
37. U
37. U
37. U
37. U
37. U

233

FORM I PEST

1/87 Rev.

000720

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(6-8)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-13TF(6-8)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1282

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 12. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 7.9

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	38.	U
11104-28-2-----Aroclor-1221	38.	U
11141-16-5-----Aroclor-1232	38.	U
53469-21-9-----Aroclor-1242	38.	U
12672-29-6-----Aroclor-1248	38.	U
11097-69-1-----Aroclor-1254	38.	U
11096-82-5-----Aroclor-1260	38.	U

FORM I PEST

1/87 Rev.

000723

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(8-10)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP04.06 SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-13TF(8-10)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1283

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 18. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 6.8

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Aroclor-1016	41.	U
11104-28-2-----	Aroclor-1221	41.	U
11141-16-5-----	Aroclor-1232	41.	U
53469-21-9-----	Aroclor-1242	41.	U
12672-29-6-----	Aroclor-1248	41.	U
11097-69-1-----	Aroclor-1254	41.	U
11096-82-5-----	Aroclor-1260	41.	U

FORM I PEST

1/87 Rev.

000726

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(10-12)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-13TF(10-12)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1284

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 18. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 6.6

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016	41.	U
11104-28-2-----Aroclor-1221	41.	U
11141-16-5-----Aroclor-1232	41.	U
53469-21-9-----Aroclor-1242	41.	U
12672-29-6-----Aroclor-1248	41.	U
11097-69-1-----Aroclor-1254	41.	U
11096-82-5-----Aroclor-1260	41.	U

FORM I PEST

1/87 Rev.

000729

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF(12-13)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-13TF(12-13)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1285

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 15. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 6.8

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Aroclor-1016	39.	U
11104-28-2-----Aroclor-1221	39.	U
11141-16-5-----Aroclor-1232	39.	U
53469-21-9-----Aroclor-1242	39.	U
12672-29-6-----Aroclor-1248	39.	U
11097-69-1-----Aroclor-1254	39.	U
11096-82-5-----Aroclor-1260	39.	U

FORM I PEST

1/87 Rev.

000732

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(0-2)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406

SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-15BA(0-2)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1295

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 18. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 6.3

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016	41.	U
11104-28-2-----Aroclor-1221	41.	U
11141-16-5-----Aroclor-1232	41.	U
53469-21-9-----Aroclor-1242	41.	U
12672-29-6-----Aroclor-1248	41.	U
11097-69-1-----Aroclor-1254	41.	U
11096-82-5-----Aroclor-1260	41.	U

FORM I PEST

1/87 Rev.

000735

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(4-5)

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0406 SAS No.:

SDG No.: NES-10TF(2-4)

Matrix: (soil/water) SOIL

Lab Sample ID: NES-15BA(4-5)

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: G1297

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. 15. dec. _____

Date Extracted: 06/03/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/09/04

GPC Cleanup: (Y/N) N pH: 6.6

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Aroclor-1016
11104-28-2-----Aroclor-1221
11141-16-5-----Aroclor-1232
53469-21-9-----Aroclor-1242
12672-29-6-----Aroclor-1248
11097-69-1-----Aroclor-1254
11096-82-5-----Aroclor-1260

39. U
39. U
39. U
39. U
39. U
39. U
39. U

FORM I PEST

1/87 Rev.

000738

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(0-2)

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0406 SAS No.: _____ SDG No.: NES-10TF(2-4)

Matrix (soil/water): SOIL Lab Sample ID: NES-15BA(0-2)

Level (low/med): LOW Date Received: 05/26/04

% Solids: 82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.90	U		P
7440-39-3	Barium	38.5	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.12	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	9.9			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	3.2		NS	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.061	U	N	AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.93	U	NR	P
7440-22-4	Silver	0.68	U	NS	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

MS

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA(4-5)

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0406 SAS No.: _____ SDG No.: NES-10TF(2-4

Matrix (soil/water): SOIL Lab Sample ID: NES-15BA(4-5)

Level (low/med): LOW Date Received: 05/26/04

% Solids: 85.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.87	U		P
7440-39-3	Barium	49.4			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.12	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	18.4			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.64	U	X UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.072	B	N	AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.85	U	NR	P
7440-22-4	Silver	0.66	U	X UJ	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

APPENDIX C

Groundwater Sample Analytical Results

HRP

Associates, Inc.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BR-3

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: BR-3
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1516
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/04/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

773

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-3

1. Name: AES, Inc. Contract: SDG No.: BR-3
Lab Code: AES Case No.: HRP0407 SAS No.: Lab Sample ID: DFT-3
Matrix: (soil/water) WATER Lab File ID: D1502
Sample wt/vol: 5.000 (g/mL) ML Date Received: 05/28/04
Level: (low/med) LOW Date Analyzed: 06/03/04
% Moisture: not dec. Dilution Factor: 1.0
GC Column: RTX502.2 ID: .32 (mm) Soil Aliquot Volume: (uL)
Soil Extract Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

3/90

000212

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-4

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DFT-4
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1503
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/03/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-11

1. Name: AES, Inc. Contract: SDG No.: BR-3
Lab Code: AES Case No.: HRP0407 SAS No.: Lab Sample ID: DFT-11
Matrix: (soil/water) WATER Lab File ID: D1504
Sample wt/vol: 5.000 (g/mL) ML Date Received: 05/28/04
Level: (low/med) LOW Date Analyzed: 06/03/04
% Moisture: not dec. Dilution Factor: 1.0
GC Column: RTX502.2 ID: .32 (mm) Soil Aliquot Volume: (uL)
Soil Extract Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-2-2

1, Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-2-2
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1484
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET .

EPA SAMPLE NO.

DSP-2-4

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-2-4
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1515
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/04/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-3

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-3
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1486
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

3/90

000227

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-4

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-4
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1509
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/03/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET .

EPA SAMPLE NO.

NES-5RR

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-5RR
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1385
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. Date Analyzed: 05/27/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

3/90

000233

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-6RR
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1386
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. Date Analyzed: 05/27/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-7RR
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1396
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. Date Analyzed: 05/27/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: HRP0407 SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: NES-13TF

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: D1394

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec.

Date Analyzed: 05/27/04

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-15BA
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1393
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. Date Analyzed: 05/27/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PRODUCTION WELL

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: PRODUCTION WELL
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1497
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/03/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: SEEP
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1392
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: not dec. Date Analyzed: 05/27/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET .

EPA SAMPLE NO.

SURFACE WATER

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: SURFACE WATER
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1482
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/02/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP X-1

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DUP X-1
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1517
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/04/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET .

EPA SAMPLE NO.

EQUIP BLANK

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: EQUIP BLANK
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1518
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/04/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET .

EPA SAMPLE NO.

TRIP BLANK

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: TRIP BLANK
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1397
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: not dec. Date Analyzed: 05/27/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

3/90

000263

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Name: AES, Inc. Contract: SDG No.: BR-3
Lab Code: AES Case No.: HRP0407 SAS No.: Lab Sample ID: TRIP BLANK
Matrix: (soil/water) WATER Lab File ID: D1398
Sample wt/vol: 5.000 (g/mL) ML Date Received: 05/26/04
Level: (low/med) LOW Date Analyzed: 05/27/04
% Moisture: not dec. Dilution Factor: 1.0
GC Column: RTX502.2 ID: .32 (mm) Soil Aliquot Volume: (uL)
Soil Extract Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

FORM I VOA

3/90

000266

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: TRIP BLANK
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1498
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/03/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	20.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	27.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: TRIP BLANK
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1507
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: not dec. Date Analyzed: 06/03/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	trans-1,2-Dichloroethene	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
156-59-2-----	cis-1,2-Dichloroethene	5.	U
106-42-3-----	m,p-Xylene	5.	U
95-47-6-----	o-Xylene	5.	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BR-3

Name: AES, Inc. Contract: _____
 Code: AES Case No.: HRP0407 SAS No.: _____ SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: BR-3
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1657
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND Q

108-95-2-----	Phenol	5.	U
111-44-4-----	bis(2-Chloroethyl) ether	5.	U
95-57-8-----	2-Chlorophenol	5.	U
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	U
108-60-1-----	bis(2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	U
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	U
105-67-9-----	2,4-Dimethylphenol	5.	U
111-91-1-----	bis(2-Chloroethoxy) methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	U
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	U
95-95-4-----	2,4,5-Trichlorophenol	5.	U
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	25.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	25.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000381

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BR-3

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: BR-3
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1657
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: decanted: (Y/N) Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/23/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

51-28-5-----2,4-Dinitrophenol	25.	U
100-02-7-----4-Nitrophenol	25.	U
132-64-9-----Dibenzofuran	5.	U
121-14-2-----2,4-Dinitrotoluene	5.	U
84-66-2-----Diethylphthalate	5.	U
7005-72-3-----4-Chlorophenyl-phenylether	5.	U
86-73-7-----Fluorene	5.	U
100-01-6-----4-Nitroaniline	25.	U
534-52-1-----4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----n-Nitrosodiphenylamine	5.	U
101-55-3-----4-Bromophenyl-phenylether	5.	U
118-74-1-----Hexachlorobenzene	5.	U
87-86-5-----Pentachlorophenol	25.	U
85-01-8-----Phenanthrene	5.	U
120-12-7-----Anthracene	5.	U
86-74-8-----Carbazole	5.	U
84-74-2-----Di-n-butylphthalate	2.	J
206-44-0-----Fluoranthene	5.	U
129-00-0-----Pyrene	5.	U
85-68-7-----Butylbenzylphthalate	5.	U
91-94-1-----3,3'-Dichlorobenzidine	10.	U
56-55-3-----Benzo(a)anthracene	5.	U
218-01-9-----Chrysene	5.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----Di-n-octylphthalate	5.	U
205-99-2-----Benzo(b)fluoranthene	5.	U
207-08-9-----Benzo(k)fluoranthene	5.	U
50-32-8-----Benzo(a)pyrene	5.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----Dibenzo(a,h)anthracene	5.	U
191-24-2-----Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000382

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-3

Name: AES, Inc. Contract: SDG No.: BR-3
 Code: AES Case No.: HRP0407 SAS No.: Lab Sample ID: DFT-3
 Matrix: (soil/water) WATER Lab File ID: B1670
 Sample wt/vol: 1000.0 (g/mL) ML Date Received: 05/28/04
 Level: (low/med) LOW Date Extracted: 06/01/04
 % Moisture: decanted: (Y/N) Date Analyzed: 06/24/04
 Concentrated Extract Volume: 1000.0 (uL) Dilution Factor: 1.0
 Injection Volume: 2.0 (uL)
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND Q

108-95-2-----	Phenol	5.	U
111-44-4-----	bis(2-Chloroethyl) ether	5.	U
95-57-8-----	2-Chlorophenol	5.	U
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	U
108-60-1-----	bis(2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	U
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	U
105-67-9-----	2,4-Dimethylphenol	5.	U
111-91-1-----	bis(2-Chloroethoxy) methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	U
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	U
95-95-4-----	2,4,5-Trichlorophenol	5.	U
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	25.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	25.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000386

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-3

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DFT-3
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1670
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: decanted: (Y/N) Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

51-28-5-----2,4-Dinitrophenol	25.	U
100-02-7-----4-Nitrophenol	25.	U
132-64-9-----Dibenzofuran	5.	U
121-14-2-----2,4-Dinitrotoluene	5.	U
84-66-2-----Diethylphthalate	5.	U
7005-72-3-----4-Chlorophenyl-phenylether	5.	U
86-73-7-----Fluorene	5.	U
100-01-6-----4-Nitroaniline	25.	U
534-52-1-----4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----n-Nitrosodiphenylamine	5.	U
101-55-3-----4-Bromophenyl-phenylether	5.	U
118-74-1-----Hexachlorobenzene	5.	U
87-86-5-----Pentachlorophenol	25.	U
85-01-8-----Phenanthrene	5.	U
120-12-7-----Anthracene	5.	U
86-74-8-----Carbazole	5.	U
84-74-2-----Di-n-butylphthalate	5.	U
206-44-0-----Fluoranthene	5.	U
129-00-0-----Pyrene	5.	U
85-68-7-----Butylbenzylphthalate	5.	U
91-94-1-----3,3'-Dichlorobenzidine	10.	U
56-55-3-----Benzo(a)anthracene	5.	U
218-01-9-----Chrysene	5.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----Di-n-octylphthalate	5.	U
205-99-2-----Benzo(b)fluoranthene	5.	U
207-08-9-----Benzo(k)fluoranthene	5.	U
50-32-8-----Benzo(a)pyrene	5.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----Dibenzo(a,h)anthracene	5.	U
191-24-2-----Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000387

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-4

b Name: AES, Inc. Contract:
 b Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: DFT-4
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1671
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: decanted: (Y/N) Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	5.	800
111-44-4-----	bis (2-Chloroethyl) ether	5.	U
95-57-8-----	2-Chlorophenol	5.	800
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	800
108-60-1-----	bis (2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	800
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	800
105-67-9-----	2,4-Dimethylphenol	5.	800
111-91-1-----	bis (2-Chloroethoxy) methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	800
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	800
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	800
95-95-4-----	2,4,5-Trichlorophenol	5.	800
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	25.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	25.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000391

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-4

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: DFT-4
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1671
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: decanted: (Y/N) Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25.	U
100-02-7-----	4-Nitrophenol	25.	U
132-64-9-----	Dibenzofuran	5.	U
121-14-2-----	2,4-Dinitrotoluene	5.	U
84-66-2-----	Diethylphthalate	5.	U
7005-72-3-----	4-Chlorophenyl-phenylether	5.	U
86-73-7-----	Fluorene	5.	U
100-01-6-----	4-Nitroaniline	25.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----	n-Nitrosodiphenylamine	5.	U
101-55-3-----	4-Bromophenyl-phenylether	5.	U
118-74-1-----	Hexachlorobenzene	5.	U
87-86-5-----	Pentachlorophenol	25.	U
85-01-8-----	Phenanthrene	5.	U
120-12-7-----	Anthracene	5.	U
86-74-8-----	Carbazole	5.	U
84-74-2-----	Di-n-butylphthalate	2.	U
206-44-0-----	Fluoranthene	5.	U
129-00-0-----	Pyrene	5.	U
85-68-7-----	Butylbenzylphthalate	5.	U
91-94-1-----	3,3'-Dichlorobenzidine	10.	U
56-55-3-----	Benzo(a)anthracene	5.	U
218-01-9-----	Chrysene	5.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	5.2	U
117-84-0-----	Di-n-octylphthalate	5.	U
205-99-2-----	Benzo(b)fluoranthene	5.	U
207-08-9-----	Benzo(k)fluoranthene	5.	U
50-32-8-----	Benzo(a)pyrene	5.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----	Dibenzo(a,h)anthracene	5.	U
191-24-2-----	Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000392

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-11

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DFT-11
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1672
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: decanted: (Y/N) Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

108-95-2-----	Phenol	5.	U
111-44-4-----	bis(2-Chloroethyl) ether	5.	U
95-57-8-----	2-Chlorophenol	5.	U
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	U
108-60-1-----	bis(2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	U
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	U
105-67-9-----	2,4-Dimethylphenol	5.	U
111-91-1-----	bis(2-Chloroethoxy) methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	U
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	U
95-95-4-----	2,4,5-Trichlorophenol	5.	U
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	25.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	25.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000396

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-11

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: DFT-11
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1672
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: decanted: (Y/N) Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	25.	U
100-02-7-----	4-Nitrophenol	25.	U
132-64-9-----	Dibenzofuran	5.	U
121-14-2-----	2,4-Dinitrotoluene	5.	U
84-66-2-----	Diethylphthalate	5.	U
7005-72-3-----	4-Chlorophenyl-phenylether	5.	U
86-73-7-----	Fluorene	5.	U
100-01-6-----	4-Nitroaniline	25.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----	n-Nitrosodiphenylamine	5.	U
101-55-3-----	4-Bromophenyl-phenylether	5.	U
118-74-1-----	Hexachlorobenzene	5.	U
87-86-5-----	Pentachlorophenol	25.	U
85-01-8-----	Phenanthrene	5.	U
120-12-7-----	Anthracene	5.	U
86-74-8-----	Carbazole	5.	U
84-74-2-----	Di-n-butylphthalate	5.	U
206-44-0-----	Fluoranthene	5.	U
129-00-0-----	Pyrene	5.	U
85-68-7-----	Butylbenzylphthalate	5.	U
91-94-1-----	3,3'-Dichlorobenzidine	10.	U
56-55-3-----	Benzo(a)anthracene	5.	U
218-01-9-----	Chrysene	5.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----	Di-n-octylphthalate	5.	U
205-99-2-----	Benzo(b)fluoranthene	5.	U
207-08-9-----	Benzo(k)fluoranthene	5.	U
50-32-8-----	Benzo(a)pyrene	5.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----	Dibenzo(a,h)anthracene	5.	U
191-24-2-----	Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000397

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-2-2

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0407 SAS No.: _____ SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: DSP-2-2
 Sample wt/vol: 920.0 (g/mL) ML Lab File ID: B1655
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

108-95-2-----	Phenol	5.	U
111-44-4-----	bis(2-Chloroethyl) ether	5.	U
95-57-8-----	2-Chlorophenol	5.	U
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	U
108-60-1-----	bis(2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	U
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	U
105-67-9-----	2,4-Dimethylphenol	5.	U
111-91-1-----	bis(2-Chloroethoxy) methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	U
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	U
95-95-4-----	2,4,5-Trichlorophenol	5.	U
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	27.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	27.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1.

3/90

000401

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-2-2

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-2-2
Sample wt/vol: 920.0 (g/mL) ML Lab File ID: B1655
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: decanted: (Y/N) Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/23/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND Q

51-28-5-----2,4-Dinitrophenol	27.	U
100-02-7-----4-Nitrophenol	27.	U
132-64-9-----Dibenzofuran	5.	U
121-14-2-----2,4-Dinitrotoluene	5.	U
84-66-2-----Diethylphthalate	5.	U
7005-72-3-----4-Chlorophenyl-phenylether	5.	U
86-73-7-----Fluorene	5.	U
100-01-6-----4-Nitroaniline	27.	U
534-52-1-----4,6-Dinitro-2-methylphenol	27.	U
86-30-6-----n-Nitrosodiphenylamine	5.	U
101-55-3-----4-Bromophenyl-phenylether	5.	U
118-74-1-----Hexachlorobenzene	5.	U
87-86-5-----Pentachlorophenol	27.	U
85-01-8-----Phenanthrene	5.	U
120-12-7-----Anthracene	5.	U
86-74-8-----Carbazole	5.	U
84-74-2-----Di-n-butylphthalate	1.	U
206-44-0-----Fluoranthene	5.	U
129-00-0-----Pyrene	5.	U
85-68-7-----Butylbenzylphthalate	5.	U
91-94-1-----3,3'-Dichlorobenzidine	11.	U
56-55-3-----Benzo(a)anthracene	5.	U
218-01-9-----Chrysene	5.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	52.	U
117-84-0-----Di-n-octylphthalate	5.	U
205-99-2-----Benzo(b)fluoranthene	5.	U
207-08-9-----Benzo(k)fluoranthene	5.	U
50-32-8-----Benzo(a)pyrene	5.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----Dibenzo(a,h)anthracene	5.	U
191-24-2-----Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000402

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-2-4

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-2-4
Sample wt/vol: 920.0 (g/mL) ML Lab File ID: B1656
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: decanted: (Y/N) Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/23/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

108-95-2-----	Phenol	5.	U
111-44-4-----	bis(2-Chloroethyl) ether	5.	U
95-57-8-----	2-Chlorophenol	5.	U
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	U
108-60-1-----	bis(2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	U
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	U
105-67-9-----	2,4-Dimethylphenol	5.	U
111-91-1-----	bis(2-Chloroethoxy) methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	U
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	U
95-95-4-----	2,4,5-Trichlorophenol	5.	U
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	27.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	27.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000406

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-2-4

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-2-4
Sample wt/vol: 920.0 (g/mL) ML Lab File ID: B1656
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/23/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	27.	U
100-02-7-----	4-Nitrophenol	27.	U
132-64-9-----	Dibenzofuran	5.	U
121-14-2-----	2,4-Dinitrotoluene	5.	U
84-66-2-----	Diethylphthalate	5.	U
7005-72-3-----	4-Chlorophenyl-phenylether	5.	U
86-73-7-----	Fluorene	5.	U
100-01-6-----	4-Nitroaniline	3.	J
534-52-1-----	4,6-Dinitro-2-methylphenol	27.	U
86-30-6-----	n-Nitrosodiphenylamine	5.	U
101-55-3-----	4-Bromophenyl-phenylether	5.	U
118-74-1-----	Hexachlorobenzene	5.	U
87-86-5-----	Pentachlorophenol	27.	U
85-01-8-----	Phenanthrene	5.	U
120-12-7-----	Anthracene	5.	U
86-74-8-----	Carbazole	5.	U
84-74-2-----	Di-n-butylphthalate	2.	J
206-44-0-----	Fluoranthene	5.	U
129-00-0-----	Pyrene	5.	U
85-68-7-----	Butylbenzylphthalate	5.	U
91-94-1-----	3,3'-Dichlorobenzidine	11.	U
56-55-3-----	Benzo(a)anthracene	5.	U
218-01-9-----	Chrysene	5.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----	Di-n-octylphthalate	5.	U
205-99-2-----	Benzo(b)fluoranthene	5.	U
207-08-9-----	Benzo(k)fluoranthene	5.	U
50-32-8-----	Benzo(a)pyrene	5.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----	Dibenzo(a,h)anthracene	5.	U
191-24-2-----	Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000407

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-3

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-3
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1658
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: decanted: (Y/N) Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND Q

108-95-2-----	Phenol	5.	803
111-44-4-----	bis(2-Chloroethyl)ether	5.	U
95-57-8-----	2-Chlorophenol	5.	803
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	803
108-60-1-----	bis(2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	803
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	803
105-67-9-----	2,4-Dimethylphenol	5.	803
111-91-1-----	bis(2-Chloroethoxy)methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	803
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	803
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	803
95-95-4-----	2,4,5-Trichlorophenol	5.	803
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	25.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	25.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000412

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-3

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-3
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1658
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: decanted: (Y/N) Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

51-28-5-----2,4-Dinitrophenol	25.	U
100-02-7-----4-Nitrophenol	25.	U
132-64-9-----Dibenzofuran	5.	U
121-14-2-----2,4-Dinitrotoluene	5.	U
84-66-2-----Diethylphthalate	5.	U
7005-72-3-----4-Chlorophenyl-phenylether	5.	U
86-73-7-----Fluorene	5.	U
100-01-6-----4-Nitroaniline	25.	U
534-52-1-----4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----n-Nitrosodiphenylamine	5.	U
101-55-3-----4-Bromophenyl-phenylether	5.	U
118-74-1-----Hexachlorobenzene	5.	U
87-86-5-----Pentachlorophenol	25.	U
85-01-8-----Phenanthrene	5.	U
120-12-7-----Anthracene	5.	U
86-74-8-----Carbazole	5.	U
84-74-2-----Di-n-butylphthalate	5.	U
206-44-0-----Fluoranthene	5.	U
129-00-0-----Pyrene	5.	U
85-68-7-----Butylbenzylphthalate	5.	U
91-94-1-----3,3'-Dichlorobenzidine	10.	U
56-55-3-----Benzo(a)anthracene	5.	U
218-01-9-----Chrysene	5.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----Di-n-octylphthalate	5.	U
205-99-2-----Benzo(b)fluoranthene	5.	U
207-08-9-----Benzo(k)fluoranthene	5.	U
50-32-8-----Benzo(a)pyrene	5.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----Dibenzo(a,h)anthracene	5.	U
191-24-2-----Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000413

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-4

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-4
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1659
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: decanted: (Y/N) Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	5.	U
111-44-4-----	bis(2-Chloroethyl)ether	5.	U
95-57-8-----	2-Chlorophenol	5.	U
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	U
108-60-1-----	bis(2-chloroisopropyl)ether	5.	U
106-44-5-----	4-Methylphenol	5.	U
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	U
105-67-9-----	2,4-Dimethylphenol	5.	U
111-91-1-----	bis(2-Chloroethoxy)methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	U
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	U
95-95-4-----	2,4,5-Trichlorophenol	5.	U
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	25.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	25.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000416

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-4

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: DSP-4
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1659
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: decanted: (Y/N) Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

51-28-5-----	2,4-Dinitrophenol	25.	U
100-02-7-----	4-Nitrophenol	25.	U
132-64-9-----	Dibenzofuran	5.	U
121-14-2-----	2,4-Dinitrotoluene	5.	U
84-66-2-----	Diethylphthalate	5.	U
7005-72-3-----	4-Chlorophenyl-phenylether	5.	U
86-73-7-----	Fluorene	5.	U
100-01-6-----	4-Nitroaniline	25.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----	n-Nitrosodiphenylamine	5.	U
101-55-3-----	4-Bromophenyl-phenylether	5.	U
118-74-1-----	Hexachlorobenzene	5.	U
87-86-5-----	Pentachlorophenol	25.	U
85-01-8-----	Phenanthrene	5.	U
120-12-7-----	Anthracene	5.	U
86-74-8-----	Carbazole	5.	U
84-74-2-----	Di-n-butylphthalate	5.	U
206-44-0-----	Fluoranthene	5.	U
129-00-0-----	Pyrene	5.	U
85-68-7-----	Butylbenzylphthalate	5.	U
91-94-1-----	3,3'-Dichlorobenzidine	10.	U
56-55-3-----	Benzo(a)anthracene	5.	U
218-01-9-----	Chrysene	5.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----	Di-n-octylphthalate	5.	U
205-99-2-----	Benzo(b)fluoranthene	5.	U
207-08-9-----	Benzo(k)fluoranthene	5.	U
50-32-8-----	Benzo(a)pyrene	5.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----	Dibenzo(a,h)anthracene	5.	U
191-24-2-----	Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000417

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-5RR
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1621
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: decanted: (Y/N) Date Extracted: 05/27/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

108-95-2-----Phenol	5.	U
111-44-4-----bis(2-Chloroethyl) ether	5.	U
95-57-8-----2-Chlorophenol	5.	U
541-73-1-----1,3-Dichlorobenzene	5.	U
106-46-7-----1,4-Dichlorobenzene	5.	U
95-50-1-----1,2-Dichlorobenzene	5.	U
95-48-7-----2-Methylphenol	5.	U
108-60-1-----bis(2-chloroisopropyl) ether	5.	U
106-44-5-----4-Methylphenol	5.	U
621-64-7-----n-Nitroso-di-n-propylamine	5.	U
67-72-1-----Hexachloroethane	5.	U
98-95-3-----Nitrobenzene	5.	U
78-59-1-----Isophorone	5.	U
88-75-5-----2-Nitrophenol	5.	U
105-67-9-----2,4-Dimethylphenol	5.	U
111-91-1-----bis(2-Chloroethoxy)methane	5.	U
120-83-2-----2,4-Dichlorophenol	5.	U
120-82-1-----1,2,4-Trichlorobenzene	5.	U
91-20-3-----Naphthalene	5.	U
106-47-8-----4-Chloroaniline	5.	U
87-68-3-----Hexachlorobutadiene	5.	U
59-50-7-----4-Chloro-3-methylphenol	5.	U
91-57-6-----2-Methylnaphthalene	5.	U
77-47-4-----Hexachlorocyclopentadiene	5.	U
88-06-2-----2,4,6-Trichlorophenol	5.	U
95-95-4-----2,4,5-Trichlorophenol	5.	U
91-58-7-----2-Chloronaphthalene	5.	U
88-74-4-----2-Nitroaniline	25.	U
131-11-3-----Dimethylphthalate	5.	U
208-96-8-----Acenaphthylene	5.	U
606-20-2-----2,6-Dinitrotoluene	5.	U
99-09-2-----3-Nitroaniline	25.	U
83-32-9-----Acenaphthene	5.	U

FORM I SV-1

3/90

000421

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR

Lab Name: AES, Inc. Contract: _____
Lab Code: AES Case No.: HRP0407 SAS No.: _____ SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-5RR
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1621
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 05/27/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

51-28-5-----2,4-Dinitrophenol	25.	U
100-02-7-----4-Nitrophenol	25.	U
132-64-9-----Dibenzofuran	5.	U
121-14-2-----2,4-Dinitrotoluene	5.	U
84-66-2-----Diethylphthalate	5.	U
7005-72-3-----4-Chlorophenyl-phenylether	5.	U
86-73-7-----Fluorene	5.	U
100-01-6-----4-Nitroaniline	25.	U
534-52-1-----4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----n-Nitrosodiphenylamine	5.	U
101-55-3-----4-Bromophenyl-phenylether	5.	U
118-74-1-----Hexachlorobenzene	5.	U
87-86-5-----Pentachlorophenol	25.	U
85-01-8-----Phenanthrene	5.	U
120-12-7-----Anthracene	5.	U
86-74-8-----Carbazole	5.	U
84-74-2-----Di-n-butylphthalate	5.	U
206-44-0-----Fluoranthene	5.	U
129-00-0-----Pyrene	5.	U
85-68-7-----Butylbenzylphthalate	5.	U
91-94-1-----3,3'-Dichlorobenzidine	10.	U
56-55-3-----Benzo(a)anthracene	5.	U
218-01-9-----Chrysene	5.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----Di-n-octylphthalate	5.	U
205-99-2-----Benzo(b)fluoranthene	5.	U
207-08-9-----Benzo(k)fluoranthene	5.	U
50-32-8-----Benzo(a)pyrene	5.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----Dibenzo(a,h)anthracene	5.	U
191-24-2-----Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000422

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR

Client Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-6RR
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1622
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: decanted: (Y/N) Date Extracted: 05/27/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

108-95-2-----Phenol	5.	U
111-44-4-----bis(2-Chloroethyl) ether	5.	U
95-57-8-----2-Chlorophenol	5.	U
541-73-1-----1,3-Dichlorobenzene	5.	U
106-46-7-----1,4-Dichlorobenzene	5.	U
95-50-1-----1,2-Dichlorobenzene	5.	U
95-48-7-----2-Methylphenol	5.	U
108-60-1-----bis(2-chloroisopropyl) ether	5.	U
106-44-5-----4-Methylphenol	5.	U
621-64-7-----n-Nitroso-di-n-propylamine	5.	U
67-72-1-----Hexachloroethane	5.	U
98-95-3-----Nitrobenzene	5.	U
78-59-1-----Isophorone	5.	U
88-75-5-----2-Nitrophenol	5.	U
105-67-9-----2,4-Dimethylphenol	5.	U
111-91-1-----bis(2-Chloroethoxy) methane	5.	U
120-83-2-----2,4-Dichlorophenol	5.	U
120-82-1-----1,2,4-Trichlorobenzene	5.	U
91-20-3-----Naphthalene	5.	U
106-47-8-----4-Chloroaniline	5.	U
87-68-3-----Hexachlorobutadiene	5.	U
59-50-7-----4-Chloro-3-methylphenol	5.	U
91-57-6-----2-Methylnaphthalene	5.	U
77-47-4-----Hexachlorocyclopentadiene	5.	U
88-06-2-----2,4,6-Trichlorophenol	5.	U
95-95-4-----2,4,5-Trichlorophenol	5.	U
91-58-7-----2-Chloronaphthalene	5.	U
88-74-4-----2-Nitroaniline	25.	U
131-11-3-----Dimethylphthalate	5.	U
208-96-8-----Acenaphthylene	5.	U
606-20-2-----2,6-Dinitrotoluene	5.	U
99-09-2-----3-Nitroaniline	25.	U
83-32-9-----Acenaphthene	5.	U

FORM I SV-1

3/90

000425

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-10TF(4-6)

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0406 SAS No.: SDG No.: NES-10TF(2-4)
Matrix: (soil/water) SOIL Lab Sample ID: NES-10TF(4-6)
Sample wt/vol: 30.0 (g/mL) G Lab File ID: B1588
Level: (low/med) LOW Date Received: 05/26/04
Moisture: 11. decanted: (Y/N) N Date Extracted: 06/03/04
Concentrated Extract Volume: 2000.0 (uL) Date Analyzed: 06/18/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
PC Cleanup: (Y/N) N pH: 8.3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	1900.	U
100-02-7-----	4-Nitrophenol	1900.	U
132-64-9-----	Dibenzofuran	370.	U
121-14-2-----	2,4-Dinitrotoluene	370.	U
84-66-2-----	Diethylphthalate	370.	U
7005-72-3-----	4-Chlorophenyl-phenylether	370.	U
86-73-7-----	Fluorene	370.	U
100-01-6-----	4-Nitroaniline	1900.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	1900.	U
86-30-6-----	n-Nitrosodiphenylamine	370.	U
101-55-3-----	4-Bromophenyl-phenylether	370.	U
118-74-1-----	Hexachlorobenzene	370.	U
87-86-5-----	Pentachlorophenol	1900.	U
85-01-8-----	Phenanthrene	370.	U
120-12-7-----	Anthracene	370.	U
86-74-8-----	Carbazole	370.	U
84-74-2-----	Di-n-butylphthalate	40.	J
206-44-0-----	Fluoranthene	370.	U
129-00-0-----	Pyrene	370.	U
85-68-7-----	Butylbenzylphthalate	150.	J
91-94-1-----	3,3'-Dichlorobenzidine	750.	U
56-55-3-----	Benzo(a)anthracene	370.	U
218-01-9-----	Chrysene	370.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	1400.	U
117-84-0-----	Di-n-octylphthalate	370.	U
205-99-2-----	Benzo(b)fluoranthene	370.	U
207-08-9-----	Benzo(k)fluoranthene	370.	U
50-32-8-----	Benzo(a)pyrene	370.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	370.	U
53-70-3-----	Dibenzo(a,h)anthracene	370.	U
191-24-2-----	Benzo(g,h,i)perylene	370.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000426

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0407 SAS No.: _____ SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: NES-7RR
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1623
 Level: (low/med) LOW Date Received: 05/25/04
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 05/27/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND Q

108-95-2-----	Phenol	5.	U
111-44-4-----	bis(2-Chloroethyl) ether	5.	U
95-57-8-----	2-Chlorophenol	5.	U
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	U
108-60-1-----	bis(2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	U
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	U
105-67-9-----	2,4-Dimethylphenol	5.	U
111-91-1-----	bis(2-Chloroethoxy) methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	U
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	U
95-95-4-----	2,4,5-Trichlorophenol	5.	U
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	25.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	25.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000429

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR

Client Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-7RR
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1623
Level: (low/med) LOW Date Received: 05/25/04
% Moisture: decanted: (Y/N) Date Extracted: 05/27/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

51-28-5-----2,4-Dinitrophenol	25.	U
100-02-7-----4-Nitrophenol	25.	U
132-64-9-----Dibenzofuran	5.	U
121-14-2-----2,4-Dinitrotoluene	5.	U
84-66-2-----Diethylphthalate	5.	U
7005-72-3-----4-Chlorophenyl-phenylether	5.	U
86-73-7-----Fluorene	5.	U
100-01-6-----4-Nitroaniline	25.	U
534-52-1-----4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----n-Nitrosodiphenylamine	5.	U
101-55-3-----4-Bromophenyl-phenylether	5.	U
118-74-1-----Hexachlorobenzene	5.	U
87-86-5-----Pentachlorophenol	25.	U
85-01-8-----Phenanthrene	5.	U
120-12-7-----Anthracene	5.	U
86-74-8-----Carbazole	5.	U
84-74-2-----Di-n-butylphthalate	5.	U
206-44-0-----Fluoranthene	5.	U
129-00-0-----Pyrene	5.	U
85-68-7-----Butylbenzylphthalate	5.	U
91-94-1-----3,3'-Dichlorobenzidine	10.	U
56-55-3-----Benzo(a)anthracene	5.	U
218-01-9-----Chrysene	5.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----Di-n-octylphthalate	5.	U
205-99-2-----Benzo(b)fluoranthene	5.	U
207-08-9-----Benzo(k)fluoranthene	5.	U
50-32-8-----Benzo(a)pyrene	5.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----Dibenzo(a,h)anthracene	5.	U
191-24-2-----Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000430

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0407 SAS No.: _____ SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: NES-13TF
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1628
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 05/27/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND Q

108-95-2-----Phenol	5.	U
111-44-4-----bis(2-Chloroethyl)ether	5.	U
95-57-8-----2-Chlorophenol	5.	U
541-73-1-----1,3-Dichlorobenzene	5.	U
106-46-7-----1,4-Dichlorobenzene	5.	U
95-50-1-----1,2-Dichlorobenzene	5.	U
95-48-7-----2-Methylphenol	5.	U
108-60-1-----bis(2-chloroisopropyl)ether	5.	U
106-44-5-----4-Methylphenol	5.	U
621-64-7-----n-Nitroso-di-n-propylamine	5.	U
67-72-1-----Hexachloroethane	5.	U
98-95-3-----Nitrobenzene	5.	U
78-59-1-----Isophorone	5.	U
88-75-5-----2-Nitrophenol	5.	U
105-67-9-----2,4-Dimethylphenol	5.	U
111-91-1-----bis(2-Chloroethoxy)methane	5.	U
120-83-2-----2,4-Dichlorophenol	5.	U
120-82-1-----1,2,4-Trichlorobenzene	5.	U
91-20-3-----Naphthalene	5.	U
106-47-8-----4-Chloroaniline	5.	U
87-68-3-----Hexachlorobutadiene	5.	U
59-50-7-----4-Chloro-3-methylphenol	5.	U
91-57-6-----2-Methylnaphthalene	5.	U
77-47-4-----Hexachlorocyclopentadiene	5.	U
88-06-2-----2,4,6-Trichlorophenol	5.	U
95-95-4-----2,4,5-Trichlorophenol	5.	U
91-58-7-----2-Chloronaphthalene	5.	U
88-74-4-----2-Nitroaniline	25.	U
131-11-3-----Dimethylphthalate	5.	U
208-96-8-----Acenaphthylene	5.	U
606-20-2-----2,6-Dinitrotoluene	5.	U
99-09-2-----3-Nitroaniline	25.	U
83-32-9-----Acenaphthene	5.	U

FORM I SV-1

3/90

000433

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-13TF
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1628
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 05/27/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	25.	U
100-02-7-----	4-Nitrophenol	25.	U
132-64-9-----	Dibenzofuran	5.	U
121-14-2-----	2,4-Dinitrotoluene	5.	U
84-66-2-----	Diethylphthalate	5.	U
7005-72-3-----	4-Chlorophenyl-phenylether	5.	U
86-73-7-----	Fluorene	5.	U
100-01-6-----	4-Nitroaniline	25.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----	n-Nitrosodiphenylamine	5.	U
101-55-3-----	4-Bromophenyl-phenylether	5.	U
118-74-1-----	Hexachlorobenzene	5.	U
87-86-5-----	Pentachlorophenol	25.	U
85-01-8-----	Phenanthrene	5.	U
120-12-7-----	Anthracene	5.	U
86-74-8-----	Carbazole	5.	U
84-74-2-----	Di-n-butylphthalate	5.	U
206-44-0-----	Fluoranthene	5.	U
129-00-0-----	Pyrene	5.	U
85-68-7-----	Butylbenzylphthalate	5.	U
91-94-1-----	3,3'-Dichlorobenzidine	10.	U
56-55-3-----	Benzo(a)anthracene	5.	U
218-01-9-----	Chrysene	5.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	6.	U
117-84-0-----	Di-n-octylphthalate	5.	U
205-99-2-----	Benzo(b)fluoranthene	5.	U
207-08-9-----	Benzo(k)fluoranthene	5.	U
50-32-8-----	Benzo(a)pyrene	5.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----	Dibenzo(a,h)anthracene	5.	U
191-24-2-----	Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000434

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA

Client Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-15BA
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1627
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 05/27/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

108-95-2-----	Phenol	5.	U
111-44-4-----	bis(2-Chloroethyl) ether	5.	U
95-57-8-----	2-Chlorophenol	5.	U
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	U
108-60-1-----	bis(2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	U
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	U
105-67-9-----	2,4-Dimethylphenol	5.	U
111-91-1-----	bis(2-Chloroethoxy) methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	U
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	U
95-95-4-----	2,4,5-Trichlorophenol	5.	U
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	25.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	25.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000438

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: NES-15BA
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1627
Level: (low/med) LOW Date Received: 05/26/04
% Moisture: _____ decanted: (Y/N) _____ Date Extracted: 05/27/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

51-28-5-----	2,4-Dinitrophenol	25.	U
100-02-7-----	4-Nitrophenol	25.	U
132-64-9-----	Dibenzofuran	5.	U
121-14-2-----	2,4-Dinitrotoluene	5.	U
84-66-2-----	Diethylphthalate	5.	U
7005-72-3-----	4-Chlorophenyl-phenylether	5.	U
86-73-7-----	Fluorene	5.	U
100-01-6-----	4-Nitroaniline	25.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----	n-Nitrosodiphenylamine	5.	U
101-55-3-----	4-Bromophenyl-phenylether	5.	U
118-74-1-----	Hexachlorobenzene	5.	U
87-86-5-----	Pentachlorophenol	25.	U
85-01-8-----	Phenanthrene	5.	U
120-12-7-----	Anthracene	5.	U
86-74-8-----	Carbazole	5.	U
84-74-2-----	Di-n-butylphthalate	5.	U
206-44-0-----	Fluoranthene	5.	U
129-00-0-----	Pyrene	5.	U
85-68-7-----	Butylbenzylphthalate	5.	U
91-94-1-----	3,3'-Dichlorobenzidine	10.	U
56-55-3-----	Benzo(a)anthracene	5.	U
218-01-9-----	Chrysene	5.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----	Di-n-octylphthalate	5.	U
205-99-2-----	Benzo(b)fluoranthene	5.	U
207-08-9-----	Benzo(k)fluoranthene	5.	U
50-32-8-----	Benzo(a)pyrene	5.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----	Dibenzo(a,h)anthracene	5.	U
191-24-2-----	Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000439

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PRODUCTION WELL

Name: AES, Inc. Contract:
 Lab Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: PRODUCTION WELL
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1651
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: decanted: (Y/N) Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	5.	U
111-44-4-----	bis(2-Chloroethyl) ether	5.	U
95-57-8-----	2-Chlorophenol	5.	U
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	U
108-60-1-----	bis(2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	U
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	U
105-67-9-----	2,4-Dimethylphenol	5.	U
111-91-1-----	bis(2-Chloroethoxy) methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	U
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	U
95-95-4-----	2,4,5-Trichlorophenol	5.	U
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	25.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	25.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000443

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PRODUCTION WELL

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: PRODUCTION WELL
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1651
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: decanted: (Y/N) Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/23/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

51-28-5-----	2,4-Dinitrophenol	25.	U
100-02-7-----	4-Nitrophenol	25.	U
132-64-9-----	Dibenzofuran	5.	U
121-14-2-----	2,4-Dinitrotoluene	5.	U
84-66-2-----	Diethylphthalate	5.	U
7005-72-3-----	4-Chlorophenyl-phenylether	5.	U
86-73-7-----	Fluorene	5.	U
100-01-6-----	4-Nitroaniline	25.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----	n-Nitrosodiphenylamine	5.	U
101-55-3-----	4-Bromophenyl-phenylether	5.	U
118-74-1-----	Hexachlorobenzene	5.	U
87-86-5-----	Pentachlorophenol	25.	U
85-01-8-----	Phenanthrene	5.	U
120-12-7-----	Anthracene	5.	U
86-74-8-----	Carbazole	5.	U
84-74-2-----	Di-n-butylphthalate	5.	U
206-44-0-----	Fluoranthene	5.	U
129-00-0-----	Pyrene	5.	U
85-68-7-----	Butylbenzylphthalate	5.	U
91-94-1-----	3,3'-Dichlorobenzidine	10.	U
56-55-3-----	Benzo(a)anthracene	5.	U
218-01-9-----	Chrysene	5.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----	Di-n-octylphthalate	5.	U
205-99-2-----	Benzo(b)fluoranthene	5.	U
207-08-9-----	Benzo(k)fluoranthene	5.	U
50-32-8-----	Benzo(a)pyrene	5.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----	Dibenzo(a,h)anthracene	5.	U
191-24-2-----	Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000444

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP

Name: AES, Inc. Contract: _____
 Code: AES Case No.: HRP0407 SAS No.: _____ SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: SEEP
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1626
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 05/27/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

108-95-2-----	Phenol	5.	U
111-44-4-----	bis(2-Chloroethyl) ether	5.	U
95-57-8-----	2-Chlorophenol	5.	U
541-73-1-----	1,3-Dichlorobenzene	5.	U
106-46-7-----	1,4-Dichlorobenzene	5.	U
95-50-1-----	1,2-Dichlorobenzene	5.	U
95-48-7-----	2-Methylphenol	5.	U
108-60-1-----	bis(2-chloroisopropyl) ether	5.	U
106-44-5-----	4-Methylphenol	5.	U
621-64-7-----	n-Nitroso-di-n-propylamine	5.	U
67-72-1-----	Hexachloroethane	5.	U
98-95-3-----	Nitrobenzene	5.	U
78-59-1-----	Isophorone	5.	U
88-75-5-----	2-Nitrophenol	5.	U
105-67-9-----	2,4-Dimethylphenol	5.	U
111-91-1-----	bis(2-Chloroethoxy) methane	5.	U
120-83-2-----	2,4-Dichlorophenol	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
91-20-3-----	Naphthalene	5.	U
106-47-8-----	4-Chloroaniline	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
59-50-7-----	4-Chloro-3-methylphenol	5.	U
91-57-6-----	2-Methylnaphthalene	5.	U
77-47-4-----	Hexachlorocyclopentadiene	5.	U
88-06-2-----	2,4,6-Trichlorophenol	5.	U
95-95-4-----	2,4,5-Trichlorophenol	5.	U
91-58-7-----	2-Chloronaphthalene	5.	U
88-74-4-----	2-Nitroaniline	25.	U
131-11-3-----	Dimethylphthalate	5.	U
208-96-8-----	Acenaphthylene	5.	U
606-20-2-----	2,6-Dinitrotoluene	5.	U
99-09-2-----	3-Nitroaniline	25.	U
83-32-9-----	Acenaphthene	5.	U

FORM I SV-1

3/90

000447

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP

Name: AES, Inc. Contract:
 Code: AES Case No.: HRP0407 SAS No.:
 Matrix: (soil/water) WATER Lab Sample ID: SEEP
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1626
 Level: (low/med) LOW Date Received: 05/26/04
 % Moisture: decanted: (Y/N) Date Extracted: 05/27/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/22/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CAS NO. COMPOUND CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L Q

51-28-5-----2,4-Dinitrophenol	25.	U
100-02-7-----4-Nitrophenol	25.	U
132-64-9-----Dibenzofuran	5.	U
121-14-2-----2,4-Dinitrotoluene	5.	U
84-66-2-----Diethylphthalate	5.	U
7005-72-3-----4-Chlorophenyl-phenylether	5.	U
86-73-7-----Fluorene	5.	U
100-01-6-----4-Nitroaniline	25.	U
534-52-1-----4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----n-Nitrosodiphenylamine	5.	U
101-55-3-----4-Bromophenyl-phenylether	5.	U
118-74-1-----Hexachlorobenzene	5.	U
87-86-5-----Pentachlorophenol	25.	U
85-01-8-----Phenanthrene	5.	U
120-12-7-----Anthracene	5.	U
86-74-8-----Carbazole	5.	U
84-74-2-----Di-n-butylphthalate	5.	U
206-44-0-----Fluoranthene	5.	U
129-00-0-----Pyrene	5.	U
85-68-7-----Butylbenzylphthalate	5.	U
91-94-1-----3,3'-Dichlorobenzidine	10.	U
56-55-3-----Benzo(a)anthracene	5.	U
218-01-9-----Chrysene	5.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	6.	U
117-84-0-----Di-n-octylphthalate	5.	U
205-99-2-----Benzo(b)fluoranthene	5.	U
207-08-9-----Benzo(k)fluoranthene	5.	U
50-32-8-----Benzo(a)pyrene	5.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----Dibenzo(a,h)anthracene	5.	U
191-24-2-----Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000448

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SURFACE WATER

Lab Name: AES, Inc. Lab Code: AES Case No.: HRP0407 SAS No.: Matrix: (soil/water) WATER Sample wt/vol: 1000.0 (g/mL) ML Level: (low/med) LOW % Moisture: _____ decanted: (Y/N) _____ Concentrated Extract Volume: 1000.0 (uL) Injection Volume: 2.0 (uL) GPC Cleanup: (Y/N) N pH: 7.0	Contract: SDG No.: BR-3 Lab Sample ID: SURFACE WATER Lab File ID: B1652 Date Received: 05/28/04 Date Extracted: 06/01/04 Date Analyzed: 06/23/04 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

108-95-2-----Phenol	5.	5.0
111-44-4-----bis(2-Chloroethyl) ether	5.	U
95-57-8-----2-Chlorophenol	5.	5.0
541-73-1-----1,3-Dichlorobenzene	5.	U
106-46-7-----1,4-Dichlorobenzene	5.	U
95-50-1-----1,2-Dichlorobenzene	5.	U
95-48-7-----2-Methylphenol	5.	5.0
108-60-1-----bis(2-chloroisopropyl) ether	5.	U
106-44-5-----4-Methylphenol	5.	5.0
621-64-7-----n-Nitroso-di-n-propylamine	5.	U
67-72-1-----Hexachloroethane	5.	U
98-95-3-----Nitrobenzene	5.	U
78-59-1-----Isophorone	5.	U
88-75-5-----2-Nitrophenol	5.	5.0
105-67-9-----2,4-Dimethylphenol	5.	5.0
111-91-1-----bis(2-Chloroethoxy) methane	5.	U
120-83-2-----2,4-Dichlorophenol	5.	5.0
120-82-1-----1,2,4-Trichlorobenzene	5.	U
91-20-3-----Naphthalene	5.	U
106-47-8-----4-Chloroaniline	5.	U
87-68-3-----Hexachlorobutadiene	5.	U
59-50-7-----4-Chloro-3-methylphenol	5.	5.0
91-57-6-----2-Methylnaphthalene	5.	U
77-47-4-----Hexachlorocyclopentadiene	5.	U
88-06-2-----2,4,6-Trichlorophenol	5.	5.0
95-95-4-----2,4,5-Trichlorophenol	5.	5.0
91-58-7-----2-Chloronaphthalene	5.	U
88-74-4-----2-Nitroaniline	25.	U
131-11-3-----Dimethylphthalate	5.	U
208-96-8-----Acenaphthylene	5.	U
606-20-2-----2,6-Dinitrotoluene	5.	U
99-09-2-----3-Nitroaniline	25.	U
83-32-9-----Acenaphthene	5.	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SURFACE WATER

Name: AES, Inc. Contract:
Code: AES Case No.: HRP0407 SAS No.: SDG No.: BR-3
Matrix: (soil/water) WATER Lab Sample ID: SURFACE WATER
Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1652
Level: (low/med) LOW Date Received: 05/28/04
% Moisture: decanted: (Y/N) Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/23/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

51-28-5-----2,4-Dinitrophenol	25.	U
100-02-7-----4-Nitrophenol	25.	U
132-64-9-----Dibenzofuran	5.	U
121-14-2-----2,4-Dinitrotoluene	5.	U
84-66-2-----Diethylphthalate	5.	U
7005-72-3-----4-Chlorophenyl-phenylether	5.	U
86-73-7-----Fluorene	5.	U
100-01-6-----4-Nitroaniline	25.	U
534-52-1-----4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----n-Nitrosodiphenylamine	5.	U
101-55-3-----4-Bromophenyl-phenylether	5.	U
118-74-1-----Hexachlorobenzene	5.	U
87-86-5-----Pentachlorophenol	25.	U
85-01-8-----Phenanthrene	5.	U
120-12-7-----Anthracene	5.	U
86-74-8-----Carbazole	5.	U
84-74-2-----Di-n-butylphthalate	5.	U
206-44-0-----Fluoranthene	5.	U
129-00-0-----Pyrene	5.	U
85-68-7-----Butylbenzylphthalate	5.	U
91-94-1-----3,3'-Dichlorobenzidine	10.	U
56-55-3-----Benzo(a)anthracene	5.	U
218-01-9-----Chrysene	5.	U
117-81-7-----bis(2-Ethylhexyl)phthalate	5.	U
117-84-0-----Di-n-octylphthalate	5.	U
205-99-2-----Benzo(b)fluoranthene	5.	U
207-08-9-----Benzo(k)fluoranthene	5.	U
50-32-8-----Benzo(a)pyrene	5.	U
193-39-5-----Indeno(1,2,3-cd)pyrene	5.	U
53-70-3-----Dibenzo(a,h)anthracene	5.	U
191-24-2-----Benzo(g,h,i)perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000453

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP X-1

Lab Name: AES, Inc. Contract: SDG No.: BR-3
 Lab Code: AES Case No.: HRP0407 SAS No.: Lab Sample ID: DUP X-1
 Matrix: (soil/water) WATER Lab File ID: B1673
 Sample wt/vol: 1000.0 (g/mL) ML Date Received: 05/28/04
 Level: (low/med) LOW Date Extracted: 06/01/04
 % Moisture: decanted: (Y/N) Date Analyzed: 06/24/04
 Concentrated Extract Volume: 1000.0 (uL) Dilution Factor: 1.0
 Injection Volume: 2.0 (uL)
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND Q

108-95-2-----Phenol	5.	U
111-44-4-----bis(2-Chloroethyl) ether	5.	U
95-57-8-----2-Chlorophenol	5.	U
541-73-1-----1,3-Dichlorobenzene	5.	U
106-46-7-----1,4-Dichlorobenzene	5.	U
95-50-1-----1,2-Dichlorobenzene	5.	U
95-48-7-----2-Methylphenol	5.	U
108-60-1-----bis(2-chloroisopropyl) ether	5.	U
106-44-5-----4-Methylphenol	5.	U
621-64-7-----n-Nitroso-di-n-propylamine	5.	U
67-72-1-----Hexachloroethane	5.	U
98-95-3-----Nitrobenzene	5.	U
78-59-1-----Isophorone	5.	U
88-75-5-----2-Nitrophenol	5.	U
105-67-9-----2,4-Dimethylphenol	5.	U
111-91-1-----bis(2-Chloroethoxy) methane	5.	U
120-83-2-----2,4-Dichlorophenol	5.	U
120-82-1-----1,2,4-Trichlorobenzene	5.	U
91-20-3-----Naphthalene	5.	U
106-47-8-----4-Chloroaniline	5.	U
87-68-3-----Hexachlorobutadiene	5.	U
59-50-7-----4-Chloro-3-methylphenol	5.	U
91-57-6-----2-Methylnaphthalene	5.	U
77-47-4-----Hexachlorocyclopentadiene	5.	U
88-06-2-----2,4,6-Trichlorophenol	5.	U
95-95-4-----2,4,5-Trichlorophenol	5.	U
91-58-7-----2-Chloronaphthalene	5.	U
88-74-4-----2-Nitroaniline	25.	U
131-11-3-----Dimethylphthalate	5.	U
208-96-8-----Acenaphthylene	5.	U
606-20-2-----2,6-Dinitrotoluene	5.	U
99-09-2-----3-Nitroaniline	25.	U
83-32-9-----Acenaphthene	5.	U

FORM I SV-1

3/90

000456

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP X-1

Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0407 SAS No.: _____ SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: DUP X-1
 Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: B1673
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND Q

51-28-5-----	2,4-Dinitrophenol	25.	U
100-02-7-----	4-Nitrophenol	25.	U
132-64-9-----	Dibenzofuran	5.	U
121-14-2-----	2,4-Dinitrotoluene	5.	U
84-66-2-----	Diethylphthalate	5.	U
7005-72-3-----	4-Chlorophenyl-phenylether	5.	U
86-73-7-----	Fluorene	5.	U
100-01-6-----	4-Nitroaniline	25.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	25.	U
86-30-6-----	n-Nitrosodiphenylamine	5.	U
101-55-3-----	4-Bromophenyl-phenylether	5.	U
118-74-1-----	Hexachlorobenzene	5.	U
87-86-5-----	Pentachlorophenol	25.	U
85-01-8-----	Phenanthrene	5.	U
120-12-7-----	Anthracene	5.	U
86-74-8-----	Carbazole	5.	U
84-74-2-----	Di-n-butylphthalate	5.	U
206-44-0-----	Fluoranthene	5.	U
129-00-0-----	Pyrene	5.	U
85-68-7-----	Butylbenzylphthalate	5.	U
91-94-1-----	3,3'-Dichlorobenzidine	10.	U
56-55-3-----	Benzo (a) anthracene	5.	U
218-01-9-----	Chrysene	5.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	5 2.	U
117-84-0-----	Di-n-octylphthalate	5.	U
205-99-2-----	Benzo (b) fluoranthene	5.	U
207-08-9-----	Benzo (k) fluoranthene	5.	U
50-32-8-----	Benzo (a) pyrene	5.	U
193-39-5-----	Indeno (1,2,3-cd) pyrene	5.	U
53-70-3-----	Dibenzo (a,h) anthracene	5.	U
191-24-2-----	Benzo (g,h,i) perylene	5.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000457

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIPMENT BLANK

Lab Name: AES, Inc. Contract: _____
 Lab Code: AES Case No.: HRP0407 SAS No.: _____ SDG No.: BR-3
 Matrix: (soil/water) WATER Lab Sample ID: EQUIPMENT BLANK
 Sample wt/vol: 900.0 (g/mL) ML Lab File ID: B1674
 Level: (low/med) LOW Date Received: 05/28/04
 % Moisture: _____ decanted: (Y/N) _____ Date Extracted: 06/01/04
 Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/24/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO. COMPOUND Q

108-95-2-----	Phenol	6.	U
111-44-4-----	bis(2-Chloroethyl) ether	6.	U
95-57-8-----	2-Chlorophenol	6.	U
541-73-1-----	1,3-Dichlorobenzene	6.	U
106-46-7-----	1,4-Dichlorobenzene	6.	U
95-50-1-----	1,2-Dichlorobenzene	6.	U
95-48-7-----	2-Methylphenol	6.	U
108-60-1-----	bis(2-chloroisopropyl) ether	6.	U
106-44-5-----	4-Methylphenol	6.	U
621-64-7-----	n-Nitroso-di-n-propylamine	6.	U
67-72-1-----	Hexachloroethane	6.	U
98-95-3-----	Nitrobenzene	6.	U
78-59-1-----	Isophorone	6.	U
88-75-5-----	2-Nitrophenol	6.	U
105-67-9-----	2,4-Dimethylphenol	6.	U
111-91-1-----	bis(2-Chloroethoxy) methane	6.	U
120-83-2-----	2,4-Dichlorophenol	6.	U
120-82-1-----	1,2,4-Trichlorobenzene	6.	U
91-20-3-----	Naphthalene	6.	U
106-47-8-----	4-Chloroaniline	6.	U
87-68-3-----	Hexachlorobutadiene	6.	U
59-50-7-----	4-Chloro-3-methylphenol	6.	U
91-57-6-----	2-Methylnaphthalene	6.	U
77-47-4-----	Hexachlorocyclopentadiene	6.	U
88-06-2-----	2,4,6-Trichlorophenol	6.	U
95-95-4-----	2,4,5-Trichlorophenol	6.	U
91-58-7-----	2-Chloronaphthalene	6.	U
88-74-4-----	2-Nitroaniline	28.	U
131-11-3-----	Dimethylphthalate	6.	U
208-96-8-----	Acenaphthylene	6.	U
606-20-2-----	2,6-Dinitrotoluene	6.	U
99-09-2-----	3-Nitroaniline	28.	U
83-32-9-----	Acenaphthene	6.	U

FORM I SV-1

3/90

000461

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIPMENT BLANK

Name: AES, Inc.	Contract:
Code: AES	Case No.: HRP0407 SAS No.:
Matrix: (soil/water) WATER	SDG No.: BR-3
Sample wt/vol: 900.0 (g/mL) ML	Lab Sample ID: EQUIPMENT BLANK
Level: (low/med) LOW	Lab File ID: B1674
% Moisture: _____	Date Received: 05/28/04
decanted: (Y/N) _____	Date Extracted: 06/01/04
Concentrated Extract Volume: 1000.0 (uL)	Date Analyzed: 06/24/04
Injection Volume: 2.0 (uL)	Dilution Factor: 1.0
GPC Cleanup: (Y/N) N	
pH: 7.0	

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	28.	U
100-02-7-----	4-Nitrophenol	28.	U
132-64-9-----	Dibenzofuran	6.	U
121-14-2-----	2,4-Dinitrotoluene	6.	U
84-66-2-----	Diethylphthalate	6.	U
7005-72-3-----	4-Chlorophenyl-phenylether	6.	U
86-73-7-----	Fluorene	6.	U
100-01-6-----	4-Nitroaniline	28.	U
534-52-1-----	4,6-Dinitro-2-methylphenol	28.	U
86-30-6-----	n-Nitrosodiphenylamine	6.	U
101-55-3-----	4-Bromophenyl-phenylether	6.	U
118-74-1-----	Hexachlorobenzene	6.	U
87-86-5-----	Pentachlorophenol	28.	U
85-01-8-----	Phenanthrene	6.	U
120-12-7-----	Anthracene	6.	U
86-74-8-----	Carbazole	6.	U
84-74-2-----	Di-n-butylphthalate	6.	U
206-44-0-----	Fluoranthene	6.	U
129-00-0-----	Pyrene	6.	U
85-68-7-----	Butylbenzylphthalate	6.	U
91-94-1-----	3,3'-Dichlorobenzidine	11.	U
56-55-3-----	Benzo(a)anthracene	6.	U
218-01-9-----	Chrysene	6.	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	6.	U
117-84-0-----	Di-n-octylphthalate	6.	U
205-99-2-----	Benzo(b)fluoranthene	6.	U
207-08-9-----	Benzo(k)fluoranthene	6.	U
50-32-8-----	Benzo(a)pyrene	6.	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	6.	U
53-70-3-----	Dibenzo(a,h)anthracene	6.	U
191-24-2-----	Benzo(g,h,i)perylene	6.	U

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000462

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BR-3

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407 SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: BR-3

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040528005-010A

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec. dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

12674-11-2-----Arochlor-1016	.062	U
11104-28-2-----Arochlor-1221	.062	U
11141-16-5-----Arochlor-1232	.062	U
53469-21-9-----Arochlor-1242	.062	U
12672-29-6-----Arochlor-1248	.062	U
11097-69-1-----Arochlor-1254	.062	U
11096-82-5-----Arochlor-1260	.062	U

FORM I PEST

1/87 Rev.

000570

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-3

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407 SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: DFT-3

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: 040528005-011A

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec. dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.065	U
11104-28-2-----	Arochlor-1221	.065	U
11141-16-5-----	Arochlor-1232	.065	U
53469-21-9-----	Arochlor-1242	.065	U
12672-29-6-----	Arochlor-1248	.065	U
11097-69-1-----	Arochlor-1254	.065	U
11096-82-5-----	Arochlor-1260	.041	J

FORM I PEST

1/87 Rev.

000573

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-4

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: DFT-4

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040528005-012A

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec. dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N

pH: 7.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Q

12674-11-2-----Arochlor-1016	.062	U
11104-28-2-----Arochlor-1221	.062	U
11141-16-5-----Arochlor-1232	.062	U
53469-21-9-----Arochlor-1242	.062	U
12672-29-6-----Arochlor-1248	.062	U
11097-69-1-----Arochlor-1254	.062	U
11096-82-5-----Arochlor-1260	.062	U

FORM I PEST

1/87 Rev.

000578

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-11

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: DFT-11

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040528005-013A

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec. dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Q

12674-11-2-----Arochlor-1016	.062	U
11104-28-2-----Arochlor-1221	.062	U
11141-16-5-----Arochlor-1232	.062	U
53469-21-9-----Arochlor-1242	.062	U
12672-29-6-----Arochlor-1248	.062	U
11097-69-1-----Arochlor-1254	.062	U
11096-82-5-----Arochlor-1260	.062	U

FORM I PEST

1/87 Rev.

000581

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-2-2

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: DSP-2-2

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040528005-006A

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec.

dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N

pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.062	U
11104-28-2-----	Arochlor-1221	.062	U
11141-16-5-----	Arochlor-1232	.062	U
53469-21-9-----	Arochlor-1242	.062	U
12672-29-6-----	Arochlor-1248	.062	U
11097-69-1-----	Arochlor-1254	.062	U
11096-82-5-----	Arochlor-1260	.062	U

FORM I PEST

1/87 Rev.

000584

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-2-4

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: DSP-2-4

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040528005-007A

Level: (low/med) LOW

Date Received: 5/28/04

% Moisture: not dec. dec. _____

Date Extracted: 5/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 5/29/04

GPC Cleanup: (Y/N) N

pH: 7.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.062	U
11104-28-2-----	Arochlor-1221	.062	U
11141-16-5-----	Arochlor-1232	.062	U
53469-21-9-----	Arochlor-1242	.062	U
12672-29-6-----	Arochlor-1248	.062	U
11097-69-1-----	Arochlor-1254	.062	U
11096-82-5-----	Arochlor-1260	.062	U

FORM I PEST

1/87 Rev.

000587

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-3

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: DSP-3

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: 040528005-008A

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec.

dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N

pH: 7.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.065	U
11104-28-2-----	Arochlor-1221	.065	U
11141-16-5-----	Arochlor-1232	.065	U
53469-21-9-----	Arochlor-1242	.065	U
12672-29-6-----	Arochlor-1248	.065	U
11097-69-1-----	Arochlor-1254	.065	U
11096-82-5-----	Arochlor-1260	.065	U

FORM I PEST

1/87 Rev.

000590

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-4

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: DSP-4

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040528005-009A

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec.

dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N

pH: 7.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.062	U
11104-28-2-----	Arochlor-1221	.062	U
11141-16-5-----	Arochlor-1232	.062	U
53469-21-9-----	Arochlor-1242	.062	U
12672-29-6-----	Arochlor-1248	.062	U
11097-69-1-----	Arochlor-1254	.062	U
11096-82-5-----	Arochlor-1260	.062	U

FORM I PEST

1/87 Rev.

000593

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: NES-5RR

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040525006-001B

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec.

dec. _____

Date Extracted: 05/26/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/28/04

GPC Cleanup: (Y/N) N

pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----Arochlor-1016	.062	U
11104-28-2-----Arochlor-1221	.062	U
11141-16-5-----Arochlor-1232	.062	U
53469-21-9-----Arochlor-1242	.062	U
12672-29-6-----Arochlor-1248	.062	U
11097-69-1-----Arochlor-1254	.062	U
11096-82-5-----Arochlor-1260	.062	U

FORM I PEST

1/87 Rev.

000596

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: NES-6RR

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040525006-002B

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec.

dec. _____

Date Extracted: 05/26/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/28/04

GPC Cleanup: (Y/N) N

pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.062	U
11104-28-2-----	Arochlor-1221	.062	U
11141-16-5-----	Arochlor-1232	.062	U
53469-21-9-----	Arochlor-1242	.062	U
12672-29-6-----	Arochlor-1248	.062	U
11097-69-1-----	Arochlor-1254	.062	U
11096-82-5-----	Arochlor-1260	.13	

FORM I PEST

1/87 Rev.

000599

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: NES-7RR

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040525006-003B

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. dec. _____

Date Extracted: 05/26/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/28/04

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Q

12674-11-2-----Arochlor-1016	.062	U
11104-28-2-----Arochlor-1221	.062	U
11141-16-5-----Arochlor-1232	.062	U
53469-21-9-----Arochlor-1242	.062	U
12672-29-6-----Arochlor-1248	.062	U
11097-69-1-----Arochlor-1254	.062	U
11096-82-5-----Arochlor-1260	.025	J

FORM I PEST

1/87 Rev.

000604

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: NES-13TF

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040526011-003C

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. dec. _____

Date Extracted: 05/26/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/28/04

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.062	U
11104-28-2-----	Arochlor-1221	.062	U
11141-16-5-----	Arochlor-1232	.062	U
53469-21-9-----	Arochlor-1242	.062	U
12672-29-6-----	Arochlor-1248	.062	U
11097-69-1-----	Arochlor-1254	.062	U
11096-82-5-----	Arochlor-1260	.062	U

FORM I PEST

1/87 Rev.

000609

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: NES-15BA

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040526011-002C

Level: (low/med) LOW

Date Received: 05/25/04

% Moisture: not dec. dec. _____

Date Extracted: 05/26/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/28/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

12674-11-2-----Arochlor-1016	.062	U
11104-28-2-----Arochlor-1221	.062	U
11141-16-5-----Arochlor-1232	.062	U
53469-21-9-----Arochlor-1242	.062	U
12672-29-6-----Arochlor-1248	.062	U
11097-69-1-----Arochlor-1254	.062	U
11096-82-5-----Arochlor-1260	.062	U

JB

FORM I PEST

1/87 Rev.

000612

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PRODUCTION WELL

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: PRODUCTION WELL

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040528005-003C

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec. dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.062	U
11104-28-2-----	Arochlor-1221	.062	U
11141-16-5-----	Arochlor-1232	.062	U
53469-21-9-----	Arochlor-1242	.062	U
12672-29-6-----	Arochlor-1248	.062	U
11097-69-1-----	Arochlor-1254	.062	U
11096-82-5-----	Arochlor-1260	.062	U

JB

FORM I PEST

1/87 Rev.

000615

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEEP

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407 SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: SEEP

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040526011-001B

Level: (low/med) LOW

Date Received: 05/26/04

% Moisture: not dec. dec. _____

Date Extracted: 05/26/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/28/04

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.062	U
11104-28-2-----	Arochlor-1221	.062	U
11141-16-5-----	Arochlor-1232	.062	U
53469-21-9-----	Arochlor-1242	.062	U
12672-29-6-----	Arochlor-1248	.062	U
11097-69-1-----	Arochlor-1254	.062	U
11096-82-5-----	Arochlor-1260	.074	

FORM I PEST

1/87 Rev.

000618

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SURFACE WATER

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: SURFACE WATER

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: 040528005-004C

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec. dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.065	U
11104-28-2-----	Arochlor-1221	.065	U
11141-16-5-----	Arochlor-1232	.065	U
53469-21-9-----	Arochlor-1242	.065	U
12672-29-6-----	Arochlor-1248	.065	U
11097-69-1-----	Arochlor-1254	.065	U
11096-82-5-----	Arochlor-1260	.065	U

FORM I PEST

1/87 Rev.

000623

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP X-1

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: DUP X-1

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040528005-014A

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec. dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.062	U
11104-28-2-----	Arochlor-1221	.062	U
11141-16-5-----	Arochlor-1232	.062	U
53469-21-9-----	Arochlor-1242	.062	U
12672-29-6-----	Arochlor-1248	.062	U
11097-69-1-----	Arochlor-1254	.062	U
11096-82-5-----	Arochlor-1260	.062	U

FORM I PEST

1/87 Rev.

000626

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIPMENT BLANK

Name: AES, INC.

Contract:

Lab Code: AES

Case No.: HRP0407

SAS No.:

SDG No.: BR-3

Matrix: (soil/water) WATER

Lab Sample ID: EQUIPMENT BLANK

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: 040528005-015A

Level: (low/med) LOW

Date Received: 05/28/04

% Moisture: not dec. dec. _____

Date Extracted: 05/28/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 05/29/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Q

12674-11-2-----Arochlor-1016	.062	U
11104-28-2-----Arochlor-1221	.062	U
11141-16-5-----Arochlor-1232	.062	U
53469-21-9-----Arochlor-1242	.062	U
12672-29-6-----Arochlor-1248	.062	U
11097-69-1-----Arochlor-1254	.062	U
11096-82-5-----Arochlor-1260	.062	U

FORM I PEST

1/87 Rev.

000629

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DFT-3

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0407 SAS No.: _____ SDG No.: BR-3

Matrix (soil/water): WATER Lab Sample ID: DFT-3

Level (low/med): LOW Date Received: 05/28/04

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	75.6	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	U	UJ	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.3	U	UJ	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.7	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-2-2

Lab Name: ADIRONDACK ENVIRONMENTAL

Contract: _____

Lab Code: AES

Case No.: HRP_0407

SAS No.: _____

SDG No.: BR-3

Matrix (soil/water): WATER

Lab Sample ID: DSP-2-2

Level (low/med): LOW

Date Received: 05/28/04

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	28.1	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	U	NR	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.3	U	UJ	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	3.6		NI	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-2-4

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0407 SAS No.: _____ SDG No.: BR-3

Matrix (soil/water): WATER Lab Sample ID: DSP-2-4

Level (low/med): LOW Date Received: 05/28/04

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	214			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.65	B	BJ	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	7.0	B	BJ	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.7	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-3

Lab Name: ADIRONDACK ENVIRONMENTAL

Contract: _____

Lab Code: AES

Case No.: HRP_0407

SAS No.: _____

SDG No.: BR-3

Matrix (soil/water): WATER

Lab Sample ID: DSP-3

Level (low/med): LOW

Date Received: 05/28/04

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	43.2	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	6.1		NJ	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.3	U	UJ	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	22.4		NJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	11.6		NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-4

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0407 SAS No.: _____ SDG No.: BR-3

Matrix (soil/water): WATER Lab Sample ID: DSP-4

Level (low/med): LOW Date Received: 05/28/04

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	53.8	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.8	B	NR	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.3	U	UJ	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	9.9		NR	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-5RR

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0407 SAS No.: _____ SDG No.: BR-3

Matrix (soil/water): WATER Lab Sample ID: NES-5RR

Level (low/med): LOW Date Received: 05/25/04
24

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	159	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	43.8		NR	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	53.2			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	57.9		NR	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-6RR

Lab Name: ADIRONDACK ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0407 SAS No.: _____ SDG No.: BR-3

Matrix (soil/water): WATER Lab Sample ID: NES-6RR

Level (low/med): LOW Date Received: 05/25/04

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	174	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	U	NR	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.3	U	UJ	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.7	U	NR	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-7RR

Lab Name: ADIRONDACK ENVIRONMENTAL

Contract: _____

Lab Code: AES

Case No.: HRP_0407

SAS No.: _____

SDG No.: BR-3

Matrix (soil/water): WATER

Lab Sample ID: NES-7RR

Level (low/med): LOW

Date Received: 05/25/04
24 MB

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	91.0	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.91	B	NR	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	36.4		J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	27.4		NR	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

313

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-13TF

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0407 SAS No.: _____ SDG No.: BR-3_

Matrix (soil/water): WATER Lab Sample ID: NES-13TF_

Level (low/med): LOW Date Received: 05/26/04

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	134	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	U	NR	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	15.4		J	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	3.8		J	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

JTB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NES-15BA

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0407 SAS No.: _____ SDG No.: BR-3

Matrix (soil/water): WATER Lab Sample ID: NES-15BA

Level (low/med): LOW Date Received: 05/26/04

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

GAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	391			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	U	NR	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	6.6	U	NR	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	19.5		NR	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

MB

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SURFACE WATER

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0407 SAS No.: _____ SDG No.: BR-3

Matrix (soil/water): WATER Lab Sample ID: SURFACE_WATER

Level (low/med): LOW Date Received: 05/28/04

% Solids: _____ 27
37

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	N	P
7440-39-3	Barium	34.9	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	U	N	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.3	U	UJ	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.7	U	UJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	N	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DUP X-1

Lab Name: ADIRONDACK ENVIRONMENTAL

Contract: _____

Lab Code: AES_____

Case No.: HRP_0407 SAS No.: _____

SDG No.: BR-3_____

Matrix (soil/water): WATER_____

Lab Sample ID: DUP_X-1_____

Level (low/med): LOW_____

Date Received: 05/28/04
27
JB

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	43.6	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	6.9		NR	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.3	U	UJ	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	24.1		NR	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	10.1		NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP. BLK 5/28

Lab Name: ADIRONDACK ENVIRONMENTAL

Contract: _____

Lab Code: AES__

Case No.: HRP_0407 SAS No.: _____

SDG No.: BR-3__

Matrix (soil/water): WATER__

Lab Sample ID: EQUIP. BLK 5/28

Level (low/med): LOW__

Date Received: 05/28/04

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	NR	P
7440-39-3	Barium	1.8	B		P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	U	NUJ	P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.3	U	UJ	P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.7	U	NUJ	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.10	U		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	NR	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

U.S. EPA - CLP

1

CONVENTIONALS ANALYSIS DATA SHEET

Surface Water

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: HRP 0407

SAS No.:

SDG No.: BR-3

Matrix (soil/water): Water

Lab Sample ID: 040528005-004

Level (Low/Med): Low

Date Received: 5/27/04

% Solids: 0.0

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Analyte	Concentration	C	Q	Method
Total Kjeldahl Nitrogen, as N				EPA 351.3
Ammonia, as N				EPA 350.1
Nitrate				EPA 300.0
Chemical Oxygen Demand (COD)				EPA 410.4
Biochemical Oxygen Demand (BOD 5)				EPA 405.1
Total Organic Carbon (TOC)				EPA 415.2
Total Dissolved Solids (TDS)				EPA 160.1
Sulfate	168000			EPA 300.0
Alkalinity				EPA 310.1
Total Phenols	2	U		EPA 420.1
Chloride	24500			EPA 300.0
Bromide				EPA 300.0
Eh				
Specific Conductance				EPA 120.1
Cyanide				EPA 335.3
pH	~~9.0~~	R		EPA 150.1
Turbidity	~~1.5~~	R		EPA 180.1
Color				EPA 110.1
Hexavalent Chromium				SW 7196

Comments

FORM I - CONV

000920

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: HRP 0407

SAS No.:

SDG No.: BR-3

Initial Calibration Source:

Continuing Calibration Source:

Concentration Units : ug/L

Analyte	Initial Calibration			Continuing Calibration			Method
	TRUE	Found	% R	TRUE	Found	% R	
TKN as N							EPA 351.3
Ammonia, as N							EPA 350.1
Nitrate							EPA 300.0
COD							EPA 410.4
BOD 5							EPA 405.1
TOC							EPA 415.2
TDS							EPA 160.1
Sulfate	10000	9900	99	10000	9900	99	EPA 300.0
Alkalinity							EPA 310.1
Total Phenols	40	36	90	30	33	110	EPA 420.1
Chloride	10000	10000	100	10000	11600	116	EPA 300.0
Bromide							EPA 300.0
Eh							
Specific Conductance							EPA 120.1
Cyanide							EPA 335.3
pH	6.2	6.26	101	6.2	6.23	100	EPA 150.1
Turbidity							EPA 180.1
Color							EPA 110.1
Hexavalent Chromium							SW 7196

Comments

FORM II (Part 1) - CONV

000521

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: HRP 0407

SAS No.:

SDG No.: BR-3

Initial Calibration Source:

Continuing Calibration Source:

Concentration Units : ug/L

Analyte	Continuing Calibration			Continuing Calibration			Method
	TRUE	Found	% R	TRUE	Found	% R	
TKN as N							EPA 351.3
Ammonia, as N							EPA 350.1
Nitrate							EPA 300.0
COD							EPA 410.4
BOD 5							EPA 405.1
TOC			✓			✓	EPA 415.2
TDS							EPA 160.1
Sulfate	10000	9900	99	10000	10000	100	EPA 300.0
Alkalinity							EPA 310.1
Total Phenols	30	33	110				EPA 420.1
Chloride	10000	10000	100	10000	9900	99	EPA 300.0
Bromide							EPA 300.0
Eh							
Specific Conductance							EPA 120.1
Cyanide							EPA 335.3
pH							EPA 150.1
Turbidity							EPA 180.1
Color							EPA 110.1
Hexavalent Chromium							SW 7196

Comments

FORM II (Part 1) - CONV

000922

U.S. EPA - CLP

2A

CRQL STANDARDS FOR CONVENTIONALS

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: HRP 0407

SAS No.:

SDG No.: BR-3

Initial Calibration Source:

Continuing Calibration Source:

Concentration Units : ug/L

Analyte	Initial Calibration			Initial Calibration			Method
	TRUE	Found	% R	TRUE	Found	% R	
TKN as N							EPA 351.3
Ammonia, as N							EPA 350.1
Nitrate							EPA 300.0
COD							EPA 410.4
BOD 5							EPA 405.1
TOC							EPA 415.2
TDS							EPA 160.1
Sulfate	1000	1274	127				EPA 300.0
Alkalinity							EPA 310.1
Total Phenols	2	2	100				EPA 420.1
Chloride	1000	860	86				EPA 300.0
Bromide							EPA 300.0
Eh							
Specific Conductance							EPA 120.1
Cyanide							EPA 335.3
pH							EPA 150.1
Turbidity							EPA 180.1
Color							EPA 110.1
Hexavalent Chromium							SW 7196

Comments

FORM II (Part 2) - CONV

000523

U.S. EPA - CLP

3

BLANKS

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: HRP 0407

SAS No.:

SDG No.: BR-3

Preparation Blank Matrix:

Water

Preparation Blank Concentration Units: ug/L

Analyte	Initial Calib. Blank(ug/L)	C	Continuing Calibration						Prep. Blank		Method
			1	C	2	C	3	C	C	C	
TKN as N											EPA 351.3
Ammonia, as N											EPA 350.1
Nitrate											EPA 300.0
COD											EPA 410.4
BOD 5											EPA 405.1
TOC		✓		✓		✓		✓		✓	EPA 415.2
TDS				✓		✓					EPA 160.1
Sulfate	1000	U	1000	U	1000	U	1000	U	1000	U	EPA 300.0
Alkalinity											EPA 310.1
Total Phenols	2	U	2	U	2	U	2	U	2	U	EPA 420.1
Chloride	1000	U	1000	U	1000	U	1000	U	1000	U	EPA 300.0
Bromide											EPA 300.0
Eh											
Specific Conductance											EPA 120.1
Cyanide											EPA 335.3
pH											EPA 150.1
Turbidity											EPA 180.1
Color											EPA 110.1
Hexavalent Chromium											SW 7196

Comments

FORM III - CONV

000924

U.S. EPA - CLP

5

SPIKE SAMPLE RECOVERY

Surface Water

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: HRP 0407 SAS No.:

SDG No.: BR-3

Matrix (soil/water):

Water

Level (Low/Med): Low

% Solids:

0.0

Concentration Units (ug/L or mg/Kg dry weight): ug/L

Analyte	Control Limit % R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	% R	Q	M
TKN as N									
Ammonia, as N									
Nitrate									
COD									
BOD 5									
TOC									
TDS									
Sulfate	75-125	402000		168000		200000	117		
Alkalinity									
Total Phenols	75-125	43		2	U	40	108		
Chloride	75-125	34700		24500		10000	102		
Bromide									
Eh									
Specific Conductance									
Cyanide									
pH									
Turbidity									
Color									
Hexavalent Chromium									

Comments

FORM V (Part 1) - CONV

000925

U.S. EPA - CLP

6

DUPLICATES

Surface Water

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: HRP 0407 SAS No.:

SDG No.: BR-3

Matrix (soil/water):

Water

Level (Low/Med):

Low

% Solids for Sample:

0.0

% Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/Kg dry weight):

ug/L

Analyte	Control Limit % R	Sample (S)	C	Duplicate (D)	C	% R	Q	M
TKN as N								
Ammonia, as N								
Nitrate								
COD								
BOD 5								
TOC								
TDS								
Sulfate	20	168000		166000		1.2		
Alkalinity								
Total Phenols	20	2	U	2	U	NC		
Chloride	20	24500		24400		0.4		
Bromide								
Eh								
Specific Conductance								
Cyanide								
pH	20	9.0		9.0		0.0		
Turbidity	20	1.6		1.5		6.5		
Color								
Hexavalent Chromium								

Comments

FORM VI - CONV

000926

U.S. EPA - CLP

7

LABORATORY CONTROL SAMPLE

LAB NAME: Adirondack Environmental

CONTRACT:

LAB CODE: AES

Case No.: HRP 0407

SAS No.:

SDG: BR-3

Aqueous LCS Source:

Solid LCS Source:

Concentration Units : ug/L

Analyte	Aqueous (ug/L)			Solid (mg/Kg)				
	TRUE	Found	% R	TRUE	Found	C	Limits	% R
TKN as N								
Ammonia, as N								
Nitrate								
COD								
BOD 5								
TOC								
TDS								
Sulfate	30500	31300	103					
Alkalinity								
Total Phenols	40	43	108					
Chloride	44600	47000	105					
Bromide								
Eh								
Specific Conductance								
Cyanide								
pH	6.20	6.26	101					
Turbidity	5.9	5.9	100					
Color								
Hexavalent Chromium								

Comments

FORM VII - CONV

000927

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-5

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0408 SAS No.: SDG No.: DSP-5
Matrix: (soil/water) WATER Lab Sample ID: DSP-5
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1520
Level: (low/med) LOW Date Received: 06/03/04
% Moisture: not dec. Date Analyzed: 06/04/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10.	u
74-83-9-----	Bromomethane	10.	u
75-01-4-----	Vinyl Chloride	10.	u
75-00-3-----	Chloroethane	10.	u
75-09-2-----	Methylene Chloride	5.	u
67-64-1-----	Acetone	10.	u
75-15-0-----	Carbon Disulfide	5.	u
75-35-4-----	1,1-Dichloroethene	5.	u
75-34-3-----	1,1-Dichloroethane	5.	u
156-60-5-----	trans-1,2-Dichloroethene	5.	u
67-66-3-----	Chloroform	5.	u
107-06-2-----	1,2-Dichloroethane	5.	u
78-93-3-----	2-Butanone	10.	u
71-55-6-----	1,1,1-Trichloroethane	5.	u
56-23-5-----	Carbon Tetrachloride	5.	u
75-27-4-----	Bromodichloromethane	5.	u
78-87-5-----	1,2-Dichloropropane	5.	u
10061-01-5-----	cis-1,3-Dichloropropene	5.	u
79-01-6-----	Trichloroethene	5.	u
124-48-1-----	Dibromochloromethane	5.	u
79-00-5-----	1,1,2-Trichloroethane	5.	u
71-43-2-----	Benzene	5.	u
10061-02-6-----	trans-1,3-Dichloropropene	5.	u
75-25-2-----	Bromoform	5.	u
108-10-1-----	4-Methyl-2-Pentanone	10.	u
591-78-6-----	2-Hexanone	10.	u
127-18-4-----	Tetrachloroethene	5.	u
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	u
108-88-3-----	Toluene	5.	u
108-90-7-----	Chlorobenzene	5.	u
100-41-4-----	Ethylbenzene	5.	u
100-42-5-----	Styrene	5.	u
156-59-2-----	cis-1,2-Dichloroethene	5.	u
106-42-3-----	m,p-Xylene	5.	u
95-47-6-----	o-Xylene	5.	u

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0408 SAS No.: SDG No.: DSP-5
Matrix: (soil/water) WATER Lab Sample ID: TRIP BLANK
Sample wt/vol: 5.000 (g/mL) ML Lab File ID: D1521
Level: (low/med) LOW Date Received: 06/03/04
% Moisture: not dec. Date Analyzed: 06/04/04
GC Column: RTX502.2 ID: .32 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10.	
74-83-9	-----Bromomethane	10.	
75-01-4	-----Vinyl Chloride	10.	
75-00-3	-----Chloroethane	10.	
75-09-2	-----Methylene Chloride	5.	
67-64-1	-----Acetone	16.	
75-15-0	-----Carbon Disulfide	5.	
75-35-4	-----1,1-Dichloroethene	5.	
75-34-3	-----1,1-Dichloroethane	5.	
156-60-5	-----trans-1,2-Dichloroethene	5.	
67-66-3	-----Chloroform	5.	
107-06-2	-----1,2-Dichloroethane	5.	
78-93-3	-----2-Butanone	18.	
71-55-6	-----1,1,1-Trichloroethane	5.	
56-23-5	-----Carbon Tetrachloride	5.	
75-27-4	-----Bromodichloromethane	5.	
78-87-5	-----1,2-Dichloropropane	5.	
10061-01-5	-----cis-1,3-Dichloropropene	5.	
79-01-6	-----Trichloroethene	5.	
124-48-1	-----Dibromochloromethane	5.	
79-00-5	-----1,1,2-Trichloroethane	5.	
71-43-2	-----Benzene	5.	
10061-02-6	-----trans-1,3-Dichloropropene	5.	
75-25-2	-----Bromoform	5.	
108-10-1	-----4-Methyl-2-Pentanone	10.	
591-78-6	-----2-Hexanone	10.	
127-18-4	-----Tetrachloroethene	5.	
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	
108-88-3	-----Toluene	5.	
108-90-7	-----Chlorobenzene	5.	
100-41-4	-----Ethylbenzene	5.	
100-42-5	-----Styrene	5.	
156-59-2	-----cis-1,2-Dichloroethene	5.	
106-42-3	-----m,p-Xylene	5.	
95-47-6	-----o-Xylene	5.	

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-5

Name: AES, Inc.		Contract:	
Lab Code: AES	Case No.: HRP0408	SAS No.:	SDG No.: DSP-5
Matrix: (soil/water) WATER		Lab Sample ID: DSP-5	
Sample wt/vol:	970.0 (g/mL) ML	Lab File ID: B1713	
Level: (low/med) LOW		Date Received: 06/03/04	
% Moisture:	decanted: (Y/N)	Date Extracted: 06/07/04	
Concentrated Extract Volume: 1000.0 (uL)		Date Analyzed: 06/28/04	
Injection Volume:	2.0 (uL)	Dilution Factor: 1.0	
GPC Cleanup: (Y/N) N	pH: 7.0		

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

108-95-2-----	Phenol	5.	
111-44-4-----	bis(2-Chloroethyl) ether	5.	
95-57-8-----	2-Chlorophenol	5.	
541-73-1-----	1,3-Dichlorobenzene	5.	
106-46-7-----	1,4-Dichlorobenzene	5.	
95-50-1-----	1,2-Dichlorobenzene	5.	
95-48-7-----	2-Methylphenol	5.	
108-60-1-----	bis(2-chloroisopropyl) ether	5.	
106-44-5-----	4-Methylphenol	5.	
621-64-7-----	n-Nitroso-di-n-propylamine	5.	
67-72-1-----	Hexachloroethane	5.	
98-95-3-----	Nitrobenzene	5.	
78-59-1-----	Isophorone	5.	
88-75-5-----	2-Nitrophenol	5.	
105-67-9-----	2,4-Dimethylphenol	5.	
111-91-1-----	bis(2-Chloroethoxy) methane	5.	
120-83-2-----	2,4-Dichlorophenol	5.	
120-82-1-----	1,2,4-Trichlorobenzene	5.	
91-20-3-----	Naphthalene	5.	
106-47-8-----	4-Chloroaniline	5.	
87-68-3-----	Hexachlorobutadiene	5.	
59-50-7-----	4-Chloro-3-methylphenol	5.	
91-57-6-----	2-Methylnaphthalene	5.	
77-47-4-----	Hexachlorocyclopentadiene	5.	
88-06-2-----	2,4,6-Trichlorophenol	5.	
95-95-4-----	2,4,5-Trichlorophenol	5.	
91-58-7-----	2-Chloronaphthalene	5.	
88-74-4-----	2-Nitroaniline	26.	
131-11-3-----	Dimethylphthalate	5.	
208-96-8-----	Acenaphthylene	5.	
606-20-2-----	2,6-Dinitrotoluene	5.	
99-09-2-----	3-Nitroaniline	26.	
83-32-9-----	Acenaphthene	5.	

FORM I SV-1

3/90

000116

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-5

Name: AES, Inc. Contract:
Lab Code: AES Case No.: HRP0408 SAS No.: SDG No.: DSP-5
Matrix: (soil/water) WATER Lab Sample ID: DSP-5
Sample wt/vol: 970.0 (g/mL) ML Lab File ID: B1713
Level: (low/med) LOW Date Received: 06/03/04
% Moisture: decanted: (Y/N) Date Extracted: 06/07/04
Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 06/28/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

51-28-5-----	2,4-Dinitrophenol	26.
100-02-7-----	4-Nitrophenol	26.
132-64-9-----	Dibenzofuran	5.
121-14-2-----	2,4-Dinitrotoluene	5.
84-66-2-----	Diethylphthalate	5.
7005-72-3-----	4-Chlorophenyl-phenylether	5.
86-73-7-----	Fluorene	5.
100-01-6-----	4-Nitroaniline	26.
534-52-1-----	4,6-Dinitro-2-methylphenol	26.
86-30-6-----	n-Nitrosodiphenylamine	5.
101-55-3-----	4-Bromophenyl-phenylether	5.
118-74-1-----	Hexachlorobenzene	5.
87-86-5-----	Pentachlorophenol	26.
85-01-8-----	Phenanthrene	5.
120-12-7-----	Anthracene	5.
86-74-8-----	Carbazole	5.
84-74-2-----	Di-n-butylphthalate	5.
206-44-0-----	Fluoranthene	5.
129-00-0-----	Pyrene	5.
85-68-7-----	Butylbenzylphthalate	5.
91-94-1-----	3,3'-Dichlorobenzidine	10.
56-55-3-----	Benzo(a)anthracene	5.
218-01-9-----	Chrysene	5.
117-81-7-----	bis(2-Ethylhexyl)phthalate	5.
117-84-0-----	Di-n-octylphthalate	5.
205-99-2-----	Benzo(b)fluoranthene	5.
207-08-9-----	Benzo(k)fluoranthene	5.
50-32-8-----	Benzo(a)pyrene	5.
193-39-5-----	Indeno(1,2,3-cd)pyrene	5.
53-70-3-----	Dibenzo(a,h)anthracene	5.
191-24-2-----	Benzo(g,h,i)perylene	5.

(1) - Cannot be separated from diphenylamine

FORM I SV-2

3/90

000117

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-5

Name: AES

Contract:

Lab Code: AES

Case No.: HRP0408

SAS No.:

SDG No.: DSP-5

Matrix: (soil/water) WATER

Lab Sample ID: DSP-5

Sample wt/vol: 1050.0 (g/mL) ML

Lab File ID: G1278

Level: (low/med) LOW

Date Received: 06/03/04

% Moisture: not dec. dec. _____

Date Extracted: 06/04/04

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 06/08/04

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Q

12674-11-2-----Aroclor-1016	.062	Φ
11104-28-2-----Aroclor-1221	.062	Φ
11141-16-5-----Aroclor-1232	.062	Φ
53469-21-9-----Aroclor-1242	.062	Φ
12672-29-6-----Aroclor-1248	.062	Φ
11097-69-1-----Aroclor-1254	.062	Φ
11096-82-5-----Aroclor-1260	.062	Φ

.062
.062
.062
.062
.062
.062
.062

Φ
Φ
Φ
Φ
Φ
Φ
Φ

45

gms

FORM I PEST

1/87 Rev.

000171

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DSP-5

Lab Name: ADIRONDACK_ENVIRONMENTAL Contract: _____

Lab Code: AES Case No.: HRP_0408 SAS No.: _____ SDG No.: DSP-5_

Matrix (soil/water): WATER Lab Sample ID: DSP-5_____

Level (low/med): LOW Date Received: 06/03/04

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	3.7	U	N	P
7440-39-3	Barium	527			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.50	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.3	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	7.6			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.13	B		AV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	3.8	U	N US	P
7440-22-4	Silver	2.8	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
7440-42-8	Boron				NR

JBS

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

APPENDIX D
Data Usability Summary Reports
(Soil Samples)

HRP

Associates, Inc.

DATA USABILITY
SUMMARY REPORT

N.E. SOLITE SITE

SAMPLED: May 2004

SDG NES-2PP(0-2)
SOIL SAMPLES
for
VOA, BN/A, PCB, Metals

Prepared for:

HRP ASSOCIATES, INC.
100 Saratoga Village Blvd.
Malta, New York 12020

Prepared by:

DATAVAL, Inc.
518 Hooper Rd., PMB 283
Endwell, NY 13760

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE
SDG:NES-2PP(0-2)
Sampled 5/24/04

SOIL SAMPLES for VOLATILE ORGANICS

NES-02PP(00-02)	040525006-05	NES-02PP(02-04)	040525006-06
NES-02PP(04-06)	040525006-07	NES-02PP(06-08)	040525006-08
NES-02RR(08-10)	040525006-09	NES-02RR(10-12)	040525006-10
NES-02RR(12-14)	040525006-11	NES-02PP(14-16)	040525006-12
NES-03PP(00-02)	040525006-13	NES-03PP(02-04)	040525006-14
NES-03PP(04-06)	040525006-15	NES-03PP(06-08)	040525006-16
NES-03PP(08-10)	040525006-17	NES-03PP(10-12)	040525006-18
NES-03PP(12-14)	040525006-19	NES-03PP(14-16)	040525006-20
NES-04PP(00-02)	040525006-21	NES-04PP(02-04)	040525006-22
NES-04PP(04-06)	040525006-23	NES-04PP(08-10)	040525006-25

DATA ASSESSMENT

A volatile organics data package containing analytical results for twenty soil samples was received from HRP Associates, Inc. on 07Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8260, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-24, Rev 1, June 1999, Standard Operating Procedure for the Validation of Organic Data Acquired Using SW-846 Method 8260B (Rev 2, Dec 1996) was used as a technical reference.

Acetone and methylene chloride were detected in the method blanks associated with this delivery group. Based on this observation, acetone concentrations less than or equal to 70 ug/kg, and all positive methylene chloride results should be considered undetected in this group of samples

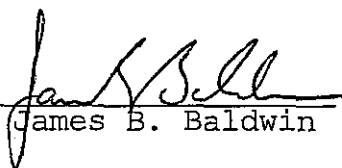
1,1,2,2-Tetrachloroethane and 1,1-dichloroethene demonstrated poor calibration performance. These analytes have been qualified as estimations in associated samples.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound Concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

9 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the verified time of sample receipt (VTSR). Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved aqueous samples and soils must be analyzed within 10 days of VTSR. Unpreserved VOA samples must be analyzed within 7 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained twenty soil samples. The entire group of samples was collected from the NE Solite site on 24May04 and was delivered to the laboratory the same evening. The sample cooler was received intact and packed with ice. Cooler temperatures of 4°C were recorded at the time of receipt.

The analysis of each sample was completed within five days of receipt. Program holding time limitations were satisfied.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include acetone, methylene chloride and 2-butanone. Chloroform is also frequently present as a laboratory artifact.

Three method blanks were analyzed with this group of samples. Although each blank demonstrated acceptable chromatography, they also contained traces of acetone (5-7ug/kg), methylene chloride (2ug/kg) and 2-hexanone (0.6ug/kg). Similar concentrations of acetone and methylene chloride were present in samples. Based on this observation, methylene chloride concentrations below 20 ug/kg, and acetone below 70 ug/kg, prior to corrections for moisture, should be interpreted as laboratory artifacts. Acetone and methylene chloride should be considered undetected in such samples. Detection limits equaling CRDL, or the reported concentration, whichever is greater, should be assumed.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior

to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each BFB evaluation. The BFB tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibrations were performed on 18May04 and 28May04. In most cases, each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity during both calibrations. One exception is noted. During the 18May04 calibration, 1,1,2,2-tetrachloroethane failed to produce the required response. The 1,1,2,2-tetrachloroethane result reported from every sample except NES-4PP(8-10), has been qualified as a usable estimation due to this performance.

It is noted that on 28May04, vinyl chloride standards demonstrated poor linearity. However, an acceptable level of response was produced at each level on concentration. Although errors might be expected in measurements of this analyte, it may be assumed that vinyl chloride would be detected if present in samples. Because vinyl chloride was not detected in samples, data has been left unqualified.

A calibration verification standard was analyzed on each day of instrument operation, preceding program samples. With one exception, these checks demonstrated an acceptable level of instrument stability. During the check on 28May04, 1,1-dichloroethene produced an unacceptable shift in instrument response (30%). Based on this performance, the 1,1-dichloroethene (11DCE) results reported from associated samples have been qualified as estimations.

It is noted that a low 1,1,2,2-tetrachloroethane response was also produced during each verification that followed the 18May04 calibration. This issue has been previously addressed.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared. However, the laboratory compared surrogate recoveries to their own in-house limits. When compared to the ASP acceptance criteria, an

unacceptable recovery of bromofluorobenzene was reported from NES-3PP(14-16) (119%). This indication of positive bias, however, warrants no concern. Targeted analytes were not detected in this sample. Data qualifications are not required. The remaining surrogate additions were recovered successfully.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than 50%. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was demonstrated by the response of each internal standard addition to this group of samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

NES-2PP(0-2) was selected for matrix spiking. The analyte additions to two portions of this sample demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also created and analyzed with this group of samples. This sample also produced acceptable analyte recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects or poor laboratory technique.

Field split duplicates were not included in this delivery group.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument printouts. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were not reported.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	BLANK ACETONE	BLANK METH CL	CALIBRATE 1122TCA	CALIBRATE 11DCE
NES-02PP(00-02)			UJ	UJ
NES-02PP(02-04)			UJ	UJ
NES-02PP(04-06)			UJ	UJ
NES-02PP(06-08)	29U		UJ	UJ
NES-02PP(08-10)	12U		UJ	UJ
NES-02PP(10-12)			UJ	UJ
NES-02PP(12-14)	32U		UJ	UJ
NES-02PP(14-16)			UJ	UJ
NES-03PP(00-02)			UJ	UJ
NES-03PP(02-04)			UJ	UJ
NES-03PP(04-06)	27U		UJ	UJ
NES-03PP(06-08)			UJ	UJ
NES-03PP(08-10)	24U		UJ	UJ
NES-03PP(10-12)			UJ	UJ
NES-03PP(12-14)			UJ	UJ
NES-03PP(14-16)			UJ	UJ
NES-04PP(00-02)			UJ	UJ
NES-04PP(02-04)			UJ	UJ
NES-04PP(04-06)	38U		UJ	UJ
NES-04PP(08-10)	33U	6U		

DATA USABILITY SUMMARY EPORT

For

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE
SDG:NES-2PP(0-2)
Sampled 5/24/04

SOIL SAMPLES for SEMIVOLATILE ORGANICS

NES-02PP(00-02)	040525006-05	NES-02PP(02-04)	040525006-06
NES-02PP(04-06)	040525006-07	NES-02PP(06-08)	040525006-08
NES-02RR(08-10)	040525006-09	NES-02RR(10-12)	040525006-10
NES-02RR(12-14)	040525006-11	NES-02PP(14-16)	040525006-12
NES-03PP(00-02)	040525006-13	NES-03PP(02-04)	040525006-14
NES-03PP(04-06)	040525006-15	NES-03PP(06-08)	040525006-16
NES-03PP(08-10)	040525006-17	NES-03PP(10-12)	040525006-18
NES-03PP(12-14)	040525006-19	NES-03PP(14-16)	040525006-20
NES-04PP(00-02)	040525006-21	NES-04PP(02-04)	040525006-22
NES-04PP(04-06)	040525006-23	NES-04PP(08-10)	040525006-25

DATA ASSESSMENT

A semivolatile organics data package containing analytical results for twenty soil samples was received from HRP Associates, Inc. on 07Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8270, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-22, Rev 2, SOP for the Validation of Organic Data Acquired Using SW-846 Method 8270C, June 2001) was used as a technical reference.

The presence of bis(2-ethylhexyl)phthalate throughout this group of samples is assumed to represent a laboratory artifact. The phthalate should be considered undetected.

Di-n-octylphthalate was also present in NES-2PP(4-6), NES-2PP(6-8) and NES-2PP(8-10). These concentrations have been flagged as estimations because they may also represent program or laboratory artifacts.

Benzo(a)pyrene, benzo[b]fluoranthene and n-nitroso-di-n-phenolamine demonstrated poor calibration performance. These analytes have been qualified as estimations in associated samples.

The identification of phenanthrene in NES-2PP(2-4) was not supported by the mass spectra reference supplied by the laboratory. This analyte should be considered undetected in the affected sample.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" and "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the time of collection. Samples must remain chilled to 4°C from the time of collection. Aqueous samples must be extracted within 7 days. The extraction of soil samples must begin within 14 days. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained twenty soil samples. The entire group of samples was collected from the NE Solite site on 24May04 and was delivered to the laboratory the same evening. The sample cooler was received intact and packed with ice. Cooler temperatures of 4°C were recorded at the time of receipt.

Each sample was extracted within eight days of receipt and analyzed within three days of extraction. Although the samples were held slightly longer than the ASP limitation of 5 days prior to extraction, data has been left unqualified. The samples were handled well within SW-846 limitations (above).

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include phthalate esters.

One method blank was processed with this group of samples. Although this blank demonstrated acceptable chromatography, it did contain traces of bis(2-ethylhexyl)phthalate. Similar artifacts were present throughout this group of samples. Bis(2-ethylhexyl)-phthalate should be considered undetected in this delivery group. A detection limit equaling CRDL or the reported concentration, whichever is greater, should be assumed.

Di-n-octylphthalate was also detected in NES-2PP(4-6), NES-2PP(6-8) and NES-2PP(8-10). It is very likely that this phthalate also represents a laboratory artifact. However, because it was not detected in the associated blank, the reported concentrations have been qualified as estimations. The presence of di-n-octylphthalate should only be considered significant if consistent with site history.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, Quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

Initial instrument calibrations were performed on 02Jun04 and 14Jun04. Standards of 20, 50, 80, 120 and 160 ng were included. In most cases, the calibration curves for each targeted analyte produced the required instrument response at each concentration level and demonstrated an acceptable degree of linearity. Two exceptions are noted. During the 02Jun04 calibration, n-nitroso-di-n-propylamine standards failed to produced the required level of instrument response. Because it cannot be assumed with certainty that this analyte would be detected if present in samples, the negative n-nitroso-di-n-propylamine result reported from each program sample has been qualified as an estimation.

Also on 02Jun04, pentachlorophenol standards demonstrated poor linearity. Acceptable levels of response were observed. Although errors would be likely in measurements of pentachlorophenol, it may be assumed this analyte would be detected if present in samples. Because pentachlorophenol was not detected in this group of samples, data has been left unqualified.

A calibration verification was performed prior to the analysis of program samples, on each day of instrument operation. When compared to the initial calibrations, these checks demonstrated an acceptable level of instrument stability. Two exceptions are noted. During the calibration check on 07Jun04, benzo[b]fluoranthene and benzo[a]pyrene failed to produce the required levels of instrument response. Based on this performance, the benzo[b]fluoranthene and benzo[a]pyrene results reported from NES-4PP(8-10), the only associated sample, have been qualified as estimations.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. Low recoveries were reported for the 2,4,6-tribromophenol additions to NES-2PP(10-12) and NES-3PP(4-6). However, because no more than one acid or base/neutral surrogate performed poorly, data qualifications are not required.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, an acceptably response and retention time was reported for each internal standard added to this group of samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Sample NES-2PP(0-2) was selected for matrix spiking. The required mixture of analytes was added to two portions of this sample. These additions demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also prepared and analyzed with this group of samples. This sample also produced acceptable analyte recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Field split duplicates were not included in this delivery group.

SAMPLE INFORMATION

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument printouts. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were not reported

It is noted that the identification of phenanthrene in NES-2PP(2-4) was not conclusive, based on the reference mass spectra included in the raw data. Phenanthrene should be considered undetected in this sample.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	BLANKS PHTHALATES	CALIBRATE CAL1	CALIBRATE CAL2	SPECTRA ID PHENANTHRENE
NES-02PP(00-02)	680U	UJ		
NES-02PP(02-04)	1100U	UJ		450U
NES-02PP(04-06)	670U/100J	UJ		
NES-02PP(06-08)	1000U/55J	UJ		
NES-02PP(08-10)	1300U	UJ		
NES-02PP(10-12)	470U	UJ		
NES-02PP(12-14)	450U/58J	UJ		
NES-02PP(14-16)	720U	UJ		
NES-03PP(00-02)	620U	UJ		
NES-03PP(02-04)	1000U	UJ		
NES-03PP(04-06)	400U	UJ		
NES-03PP(06-08)	600U	UJ		
NES-03PP(08-10)	550U	UJ		
NES-03PP(10-12)	840U	UJ		
NES-03PP(12-14)	620U	UJ		
NES-03PP(14-16)	760U	UJ		
NES-04PP(00-02)	1100U	UJ		
NES-04PP(02-04)	870U	UJ		
NES-04PP(04-06)	760U	UJ		
NES-04PP(08-10)	600U	UJ	UJ/UJ	

CAL1 = n-nitroso-di-n-propylamine

Cal2 = benzo[b]fluoranthene, benzo(a)pyrene

DATA REVIEW

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE
SDG:NES-2PP(0-2)
Sampled 5/24/04

SOIL SAMPLES for PCB

NES-02PP(00-02)	040525006-05	NES-02PP(02-04)	040525006-06
NES-02PP(04-06)	040525006-07	NES-02PP(06-08)	040525006-08
NES-02RR(08-10)	040525006-09	NES-02RR(10-12)	040525006-10
NES-02RR(12-14)	040525006-11	NES-02PP(14-16)	040525006-12
NES-03PP(00-02)	040525006-13	NES-03PP(02-04)	040525006-14
NES-03PP(04-06)	040525006-15	NES-03PP(06-08)	040525006-16
NES-03PP(08-10)	040525006-17	NES-03PP(10-12)	040525006-18
NES-03PP(12-14)	040525006-19	NES-03PP(14-16)	040525006-20
NES-04PP(00-02)	040525006-21	NES-04PP(02-04)	040525006-22
NES-04PP(04-06)	040525006-23	NES-04PP(08-10)	040525006-25

DATA ASSESSMENT

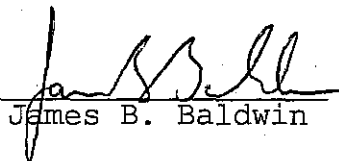
A PCB data package containing analytical results for twenty soil samples was received from HRP Associates, Inc. on 07Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8082, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000 (ASP) and the cited method.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the time of collection. Samples must remain chilled to 4°C from the time of collection. Aqueous samples must be extracted within 7 days of collection. The extraction of soil samples must begin within 14 days of receipt. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained twenty soil samples. The entire group of samples was collected from the NE Solite site on 24May04 and was delivered to the laboratory the same evening. The sample cooler was received intact and packed with ice. Cooler temperatures of 4°C were recorded at the time of receipt.

Each sample was extracted within eight days of receipt and analyzed within two days of extraction. Although the samples were held slightly longer than the ASP limitation of 5 days prior to extraction, data has been left unqualified. The samples were handled well within SW-846 limitations (above).

The positive AR1260 result reported from NES-2PP(2-4) was verified by a confirmational analysis using a second chromatographic column.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include phthalate esters.

One method blank was processed with this group of samples. This blank was free of PCB contamination.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, Quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibration was performed 16Mar04. AR1660 standards of 0.025, 0.05, 0.10, 0.25, 0.50, 1.00 and 2.00 µg/ml were included. These points were used to construct calibration curves for AR1016 and AR1260. Curves were constructed by totaling all of the chromatographic peaks associated with each Aroclor, at each level of concentration. Individual curves were not constructed for representative peaks that were unique to each Aroclor. The calibraions for AR1016 and AR1260 demonstrated an acceptable degree of linearity.

Response factors for the remaining Aroclors were based on a single mid-range standard. These standards were processed on 29May04.

Calibration verifications were performed prior to and following the analysis of this group of samples. These checks demonstrated an acceptable level of instrument stability.

The initial calibration for the confirmational column was not included in the raw data. However, NES-2PP(2-4), the only sample requiring a confirmational analysis, was bracketed by standards that demonstrated instrument stability.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. The surrogate additions to this group of samples produced acceptable recoveries.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Sample NES-4PP(8-10) was selected for matrix spiking. Aroclors 1016 and 1260 were added to two portions of this sample. The recoveries reported for these additions demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also extracted and analyzed with this group of samples. The AR1016 and AR1260 additions to this sample produced acceptable recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Field split duplicate were not submitted with this group of samples.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

NES-02PP(00-02)
NES-02PP(02-04)
NES-02PP(04-06)
NES-02PP(06-08)
NES-02PP(08-10)
NES-02PP(10-12)
NES-02PP(12-14)
NES-02PP(14-16)
NES-03PP(00-02)
NES-03PP(02-04)
NES-03PP(04-06)
NES-03PP(06-08)
NES-03PP(08-10)
NES-03PP(10-12)
NES-03PP(12-14)
NES-03PP(14-16)
NES-04PP(00-02)
NES-04PP(02-04)
NES-04PP(04-06)
NES-04PP(08-10)

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:NES-2PP(0-2)

Sampled 5/24/04

SOIL SAMPLES for METALS

NES-02PP(00-02)	040525006-05	NES-02PP(02-04)	040525006-06
NES-02PP(04-06)	040525006-07	NES-02PP(06-08)	040525006-08
NES-02RR(08-10)	040525006-09	NES-02RR(10-12)	040525006-10
NES-02RR(12-14)	040525006-11	NES-02PP(14-16)	040525006-12
NES-03PP(00-02)	040525006-13	NES-03PP(02-04)	040525006-14
NES-03PP(04-06)	040525006-15	NES-03PP(06-08)	040525006-16
NES-03PP(08-10)	040525006-17	NES-03PP(10-12)	040525006-18
NES-03PP(12-14)	040525006-19	NES-03PP(14-16)	040525006-20
NES-04PP(00-02)	040525006-21	NES-04PP(02-04)	040525006-22
NES-04PP(04-06)	040525006-23	NES-04PP(08-10)	040525006-25

DATA ASSESSMENT

An inorganics data package containing analytical results for twenty soil samples was received from HRP Associates, Inc. on 07Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOW HW-2, Rev. 11, Jan. 1992, Evaluation of Metals Data for the Contract Laboratory Program) was used as a technical reference.

The lead results reported from each program sample except NES-2PP(0-2), NES-2PP(2-4) and NES-2PP(12-14), and the arsenic results from NES-2PP(0-2), NES-2PP(2-4), NES-2PP(4-6), NES-2PP(6-8) and NES-2PP(8-10) have been qualified as estimations due to poor CRDL performance.

Silver results have been qualified as estimations and selenium results have been rejected due to low matrix spike recoveries.

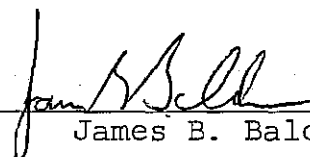
CORRECTNESS AND USABILITY

It is noted that the ICP Interelement Correction Factors reported with this data package were calculated a few days after the analysis of this group of samples. Although these factors may be representative of instrument performance, ASP protocol requires that they be determined within the calendar year preceding the analysis of samples. Data has not been qualified due to this error.

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "UJ". Data felt to be unreliable has been identified with a single red line and flagged "R". Rejected data should not be included in data tables. Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:



James B. Baldwin

Date:

6 Aug 04

SAMPLE HISTORY

Sample holding times are calculated between the time of sampling and the time of analysis. Mercury samples must be analyzed within 28 days of collection; the remaining metals within 180 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a laboratory split duplicate, a matrix spiked sample, and a rinsate blank.

This sample delivery group contained twenty soil samples. The entire group of samples was collected from the NE Solite site on 24May04 and was delivered to the laboratory the same evening. The sample cooler was received intact and packed with ice. A cooler temperature of 4°C was recorded at the time of receipt.

The analysis of each sample was completed within twenty-two days of receipt. Program holding time limitations were satisfied.

CALIBRATIONS

Calibration curves are constructed, using certified materials, to define the linear range of each analytical instrument. Beyond this range, measurements cannot be made with confidence. The calibration curve is immediately tested by analyzing an initial calibration verification standard (ICV). Continuing verifications (CCV) must bracket each group of up to ten samples. ICV and CCV recoveries must meet established criteria.

ICP calibrations were performed with a blank and one standard. Calibrations for mercury were performed with a blank and five standards. The lowest standard in each curve approached CRDL. Mercury calibration curves demonstrated an acceptable degree of linearity.

Each instrument calibration was immediately verified by the analysis of an ICV standard. Continuing calibration checks were made following each group of 10 samples. Each calibration check that was used to bracket samples from this program satisfied the program acceptance criteria.

CONTRACT REQUIRED DETECTION LIMIT STANDARDS (CRDL)

To verify instrument linearity near CRDL, an ICP standard at a concentration of twice CRDL (CRI) is analyzed at the beginning and end of each analytical sequence. A standard equaling CRDL (CRA) must be included in each atomic adsorption sequence. CRDL standards must produce a recovery between 80% and 120%.

The CRDL results reported by the laboratory included unacceptable recoveries of arsenic (78%), chromium (76%) and

lead (68%, 75%, 78%, 71%). Based on this performance, the lead results reported from each program sample except NES-2PP(0-2), NES-2PP(2-4) and NES-2PP(12-14), and the arsenic results from NES-2PP(0-2), NES-2PP(2-4), NES-2PP(4-6), NES-2PP(6-8) and nes-2pp(8-10) have been qualified as estimations. The remaining CRDL issues had no effect on reported data.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Preparation blanks are carried through the digestion process with each group of samples to evaluate general laboratory technique. Calibration blanks are run periodically to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

An initial blank (ICB) was analyzed following the calibration in each analytical sequence. Additional blanks were analyzed after every ten samples (CCB) and at the end of each sequence. Preparation blanks were digested, prior to analysis, with each group of samples. Each laboratory prepared blank that was associated with samples from this program was free of analyte contamination exceeding CRDL.

INTERFERENCE CHECK SAMPLE (ICS)

ICS standards are analyzed at the beginning and end of each ICP analysis sequence to verify background and inter-element correction factors. The recoveries of specified analytes are measured in the presence of interfering concentrations of aluminum, calcium, magnesium and iron.

Interference check standards, ICSA and ICSAB, were run at the beginning and end of each ICP analysis sequence. Each interference check standard that was used to bracket samples from this program produced recoveries within the range of acceptance, 80% - 120%.

PREDIGESTION SPIKE

The recovery of spike concentrations added to samples prior to digestion and analysis demonstrates measurement bias caused by sample matrix effects. Predigestion spikes must be recovered within control limits of 75% - 125%.

NES-2PP(0-2) and NES-4PP(8-10) were selected for matrix spiking. The required analyte additions were made to this sample. Acceptable recoveries were reported for the additions of barium,

cadmium, chromium, lead and mercury. High recoveries of 356% and 126% were reported for arsenic. This indication of positive bias warrants no concern. Arsenic was not detected in this group of samples. Low silver recoveries (45%, 62%) were also reported. The silver results reported from this group of samples have been qualified as estimations.

The selenium additions to both samples were completely unrecovered (0%). Based on this performance, the results reported for selenium must be considered unreliable. This information should not be included in data tables.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Laboratory split duplicates of NES-2PP(0-2) and NES-4PP(8-10) were processed with this group of samples. The concentrations obtained from both pairs of duplicates differed by less than 20% RPD or PQL. An acceptable level of measurement precision was demonstrated.

Field split duplicates were not included in this delivery group.

LABORATORY CONTROL STANDARD

Laboratory control samples are prepared by adding analytes to clean sand or reagent water. Analyte concentrations are then determined without interferences caused by sample matrix effects.

Two solid LCS standards were digested and analyzed with this group of samples. Acceptable recoveries were reported for each targeted analyte.

ICP SERIAL DILUTION SAMPLE

Possible matrix effects are verified by the process of serial dilutions. Samples are diluted 1:5 to reduce matrix contributions that might bias measurements. The original sample result, and the corrected concentration of the diluted sample

are compared. Sample data is qualified if the original concentrations are not recovered within 10%. Analytes with initial concentrations below 50 times IDL are not considered.

NES-2PP(0-2) and NES-4PP(8-10) were prepared as serial dilutions. None of the analytes present in the undiluted aliquot of either sample, at a concentration exceeding 50 times IDL, differed from the diluted results by more than 10%. The program acceptance criteria was satisfied.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	CRDL ARSENIC	CRDL LEAD	SPIKES SILVER	SPIKES SELENIUM
NES-02PP(00-02)	UJ		UJ	REJECT
NES-02PP(02-04)	UJ		UJ	REJECT
NES-02PP(04-06)	UJ	UJ	UJ	REJECT
NES-02PP(06-08)	UJ	1.9J	UJ	REJECT
NES-02PP(08-10)	UJ	UJ	UJ	REJECT
NES-02PP(10-12)		UJ	UJ	REJECT
NES-02PP(12-14)			UJ	REJECT
NES-02PP(14-16)		UJ	UJ	REJECT
NES-03PP(00-02)		5.7J	UJ	REJECT
NES-03PP(02-04)		UJ	UJ	REJECT
NES-03PP(04-06)		UJ	UJ	REJECT
NES-03PP(06-08)		UJ	UJ	REJECT
NES-03PP(08-10)		UJ	UJ	REJECT
NES-03PP(10-12)		UJ	UJ	REJECT
NES-03PP(12-14)		UJ	UJ	REJECT
NES-03PP(14-16)		UJ	UJ	REJECT
NES-04PP(00-02)		UJ	UJ	REJECT
NES-04PP(02-04)		UJ	UJ	REJECT
NES-04PP(04-06)		UJ	UJ	REJECT
NES-04PP(08-10)		UJ	UJ	REJECT

**DATA USABILITY
SUMMARY REPORT**

N.E. SOLITE SITE

SAMPLED: May 2004

**SDG NES-4PP(6-8)
SOIL SAMPLES
for
VOA, BN/A, PCB, Metals**

Prepared for:

**HRP ASSOCIATES, INC.
100 Saratoga Village Blvd.
Malta, New York 12020**

Prepared by:

**DATAVAL, Inc.
518 Hooper Rd., PMB 283
Endwell, NY 13760**

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:NES-4PP(6-8)

Sampled 5/24/04 and 5/25/04

SOIL SAMPLES for VOLATILE ORGANICS

NES-04PP(06-08)	040525006-24	NES-04PP(10-12)	040525006-26
NES-04PP(12-14)	040525006-27	NES-04PP(14-16)	040525006-28
NES-05RR(04-08)	040525006-31	NES-05RR(08-10)	040525006-32
NES-06RR(08-10)	040525006-38	NES-06RR(10-12)	040525006-39
NES-07RR(06-08)	040525006-45	NES-07RR(08-10)	040525006-46
NES-07RR(10-11)	040525006-47	NES-11TF(00-02)	040526034-01
NES-11TF(02-04)	040526034-02	NES-11TF(04-06)	040526034-03
NES-11TF(06-08)	040526034-04	NES-11TF(08-10)	040526034-05
NES-11TF(10-12)	040526034-06	NES-11TF(12-14)	040526034-07
NES-11TF(14-16)	040526034-08	NES-10TF(00-02)	040526034-09

DATA ASSESSMENT

A volatile organics data package containing analytical results for twenty soil samples was received from HRP Associates, Inc. on 06Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8260, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-24, Rev 1, June 1999, Standard Operating Procedure for the Validation of Organic Data Acquired Using SW-846 Method 8260B (Rev 2, Dec 1996) was used as a technical reference.

Acetone and methylene chloride were detected in the method blanks associated with this delivery group. Based on this observation, acetone concentrations less than or equal to 71 ug/kg, and all positive methylene chloride results should be considered undetected in this group of samples

The 1,1,2,2-Tetrachloroethane result reported from NES-4PP(6-8) has been qualified as an estimation due to poor calibration performance.

The positive toluene result reported from NES-11TF(10-12), and all data reported from NES-5RR(4-8) have been qualified as estimations due to unacceptable surrogate standard recoveries.

Results associated with IS#2 in NES-6RR(8-10) and IS#3 in NES-5RR(4-8) have been qualified as estimations due to poor internal standard response.

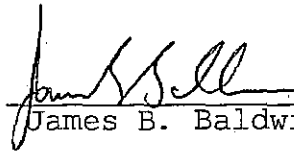
CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound Concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data

assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the verified time of sample receipt (VTSR). Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved aqueous samples and soils must be analyzed within 10 days of VTSR. Unpreserved VOA samples must be analyzed within 7 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained twenty soil samples. Eleven samples were collected from the NE Solite site on 24May04 and delivered to the laboratory the same evening. The remaining samples were collected on 25May04 and delivered on 26May04. Both shipments of samples was received intact and packed with ice. Cooler temperatures of 4°C and 6°C were recorded at the time of receipt.

The analysis of each sample was completed within eight days of receipt. The program holding time limitations were satisfied.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include acetone, methylene chloride and 2-butanone. Chloroform is also frequently present as a laboratory artifact.

Five method blanks were analyzed with this group of samples. Although each blank demonstrated acceptable chromatography, they also contained traces of acetone (7ug/kg) and methylene chloride (2-5ug/kg). Similar concentrations were present in samples. Based on this observation, methylene chloride concentrations below 50 ug/kg, and acetone below 70 ug/kg, prior to corrections for moisture, should be interpreted as laboratory artifacts. Acetone and methylene chloride should be considered undetected in such samples. Detection limits equaling CRDL, or the reported concentration, whichever is greater, should be assumed.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each BFB evaluation. The BFB tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibrations were performed on 18May04 and 28May04. In most cases, each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity during both calibrations. One exception is noted. During the 18May04 calibration, 1,1,2,2-tetrachloroethane failed to produce the required response. The 1,1,2,2-tetrachloroethane result reported NES-4PP(6-8), the only associated sample, has been qualified as a usable estimation.

A calibration verification standard was analyzed on each day of instrument operation, preceding program samples. These checks demonstrated an acceptable level of instrument stability. It is noted that a low 1,1,2,2-tetrachloroethane response was produced by the calibration verification standard preceding the analysis of NES-4PP(6-8).

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared. However, the laboratory compared surrogate recoveries to their own in-house limits. When compared to the ASP acceptance criteria, unacceptable recoveries of bromofluorobenzene were reported from NES-5RR(4-8) (55%) and NES-11TF(10-12) (114%). NES-5RR(4-8) was reanalyzed, producing another unacceptable result. Based on this performance, results reported from NES-5RR(4-8) have been qualified as estimations. Positive results reported from NES-11TF(10-12) have been similarly qualified.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more

than 50%. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, a low response was reported for the 1,4-difluorobenzene addition to NES-6RR(8-10), and the chlorobenzene-d5 addition to NES-5RR(4-8). The analysis of NES-5RR(4-8) was repeated, producing a second low result. NES-6RR(8-10) was not reanalyzed. Based on this performance, results dependant upon the response of these internal standards have been qualified as estimations in the affected samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

NES-4PP(12-14) was selected for matrix spiking. The analyte additions to two portions of this sample demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also created and analyzed with this group of samples. This sample also produced acceptable analyte recoveries

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects or poor laboratory technique.

Field split duplicates were not included in this delivery group.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were not reported.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	BLANK ACETONE	BLANKS METH CHLORIDE	CALIBRATE 1122TCA	SURROGATES	INT STDS
NES-04PP(06-08)			6UJ		
NES-04PP(10-12)		7U			
NES-04PP(12-14)	34U	7U			
NES-04PP(14-16)	59U	6U			
NES-05RR(04-08)		6U		ALL J/UJ	IS3 J/UJ
NES-05RR(08-10)		8U			
NES-06RR(08-10)	61U	7U			IS2 UJ
NES-06RR(10-12)					
NES-07RR(06-08)		7U			
NES-07RR(08-10)					
NES-07RR(10-11)	40U				
NES-11TF(00-02)	60U	5U			
NES-11TF(02-04)	26U	6U			
NES-11TF(04-06)	16U	5U			
NES-11TF(06-08)	24U	5U			
NES-11TF(08-10)	11U	15U			
NES-11TF(10-12)	14U	7U		POS 7J	
NES-11TF(12-14)	71U	14U			
NES-11TF(14-16)	48U	14U			
NES-10TF(00-02)		8U			

IS2 = 1,1,1-trichloroethane, carbon tetrachloride, bromodichloromethane, 1,2-dichloropropane, cis-1,3-dichloropropene, trichloroethylene, dibromochloromethane, 1,1,2-trichloroethane, benzene, trans-1,3-dichloropropene, bromoform

IS3 = 2-hexanone, 4-methyl-2-pentanone, tetrachloroethene, 1,1,2,2-tetrachloroethane, toluene, Chlorobenzene, ethylbenzene, styrene, xylene

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:NES-4PP(6-8)

Sampled 5/24/04 and 5/25/04

SOIL SAMPLES for SEMIVOLATILE ORGANICS

NES-04PP(06-08)	040525006-24	NES-04PP(10-12)	040525006-26
NES-04PP(12-14)	040525006-27	NES-04PP(14-16)	040525006-28
NES-05RR(04-08)	040525006-31	NES-05RR(08-10)	040525006-32
NES-06RR(08-10)	040525006-38	NES-06RR(10-12)	040525006-39
NES-07RR(06-08)	040525006-45	NES-07RR(08-10)	040525006-46
NES-07RR(10-11)	040525006-47	NES-11TF(00-02)	040526034-01
NES-11TF(02-04)	040526034-02	NES-11TF(04-06)	040526034-03
NES-11TF(06-08)	040526034-04	NES-11TF(08-10)	040526034-05
NES-11TF(10-12)	040526034-06	NES-11TF(12-14)	040526034-07
NES-11TF(14-16)	040526034-08	NES-10TF(00-02)	040526034-09

DATA ASSESSMENT

A semivolatile organics data package containing analytical results for twenty soil samples was received from HRP Associates, Inc. on 06Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8270, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-22, Rev 2, SOP for the Validation of Organic Data Acquired Using SW-846 Method 8270C, June 2001) was used as a technical reference.

The presence of bis(2-ethylhexyl)phthalate throughout this group of samples is assumed to represent a laboratory artifact. The phthalate should be considered undetected.

Benzo(a)pyrene, benzo[b]fluoranthene, pentachlorophenol, 2,4,6-trichlorophenol, 2-chlorophenol and n-nitroso-di-n-phenolamine demonstrated poor calibration performance. These analytes have been qualified as estimations in associated samples.

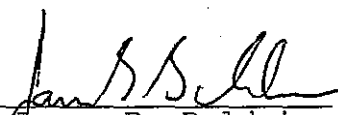
The identification of benzo(a)pyrene in NES-11TF(14-16) was not supported by the mass spectra reference supplied by the laboratory. This analyte should be considered undetected in the affected sample.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" and "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the time of collection. Samples must remain chilled to 4°C from the time of collection. Aqueous samples must be extracted within 7 days. The extraction of soil samples must begin within 14 days. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained twenty soil samples. Eleven samples were collected from the NE Solite site on 24May04 and delivered to the laboratory the same evening. The remaining samples were collected on 25May04 and delivered on 26May04. Both shipments of samples were received intact and packed with ice. Cooler temperatures of 4°C and 6°C were recorded at the time of receipt.

Each sample was extracted within nine days of receipt and analyzed within thirteen days of extraction. Although the samples were held slightly longer than the ASP limitation of 5 days prior to extraction, data has been left unqualified. The samples were handled well within SW-846 limitations (above).

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include phthalate esters.

Two method blanks were processed with this group of samples. Although both blanks demonstrated acceptable chromatography, they did contain traces of bis(2-ethylhexyl)phthalate. Similar artifacts were present throughout this group of samples. Bis(2-ethylhexyl)phthalate should be considered undetected in this delivery group. A detection limit equaling CRDL should be assumed.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, Quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

Initial instrument calibrations were performed on 02Jun04 and 14Jun04. Standards of 20, 50, 80, 120 and 160 ng were included. In most cases, the calibration curves for each targeted analyte produced the required instrument response at each concentration level and demonstrated an acceptable degree of linearity. Two exceptions are noted. During the 02Jun04 calibration, n-nitroso-di-n-propylamine standards failed to produced the required level of instrument response. Because it cannot be assumed with certainty that this analyte would be detected if present in samples, the negative n-nitroso-di-n-propylamine result reported from each associated program sample has been qualified as an estimation. Every sample except NES-11TF(4-6) and NES-10TF(0-2) was affected.

Also on 02Jun04, pentachlorophenol standards demonstrated poor linearity. Acceptable levels of response were observed. Although errors would be likely in measurements of pentachlorophenol, it may be assumed this analyte would be detected if present in samples. Because pentachlorophenol was not detected in this group of samples, data has been left unqualified.

A calibration verification was performed prior to the analysis of program samples, on each day of instrument operation. When compared to the initial calibrations, these checks demonstrated an acceptable level of instrument stability. However, several analyte checks did fail to satisfy ASP requirements. During the calibration verification on 05Jun04, 2-chlorophenol (29%), 2,4,6-trichlorophenol (25.3%), and pentachlorophenol (36%) demonstrated unacceptable shifts in instrument response. Based on this performance, these analytes have been qualified as estimations in associated samples. NES-6RR(8-10), NES-5RR(10-12), NES-7RR(6-8), NES-7RR(8-10) and NES-7RR(10-11) were affected.

During the calibration check on 07Jun04, benzo[b]fluoranthene and benzo[a]pyrene failed to produce the required level of response. Based on this performance, the benzo[b]fluoranthene and benzo[a]pyrene results reported from NES-4PP(14-16), NES-11TF(0-2), NES-11TF(2-4), NES-11TF(6-8), NES-11TF(8-10), NES-11TF(10-12), NES-11TF(12-14) and NES-11TF(14-16) have been qualified as estimations.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. Each of the surrogate additions to this group of samples was recovered successfully.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, an acceptably response and retention time was reported for each internal standard added to this group of samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Sample NES-5RR(4-8) was selected for matrix spiking. The required mixture of analytes was added to two portions of this sample. These additions demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also prepared and analyzed with this delivery group. An elevated 4-nitrophenol recovery of 87% was reported from this sample. This performance, alone, does not warrant data qualifications.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Field split duplicates were not included in this delivery group.

SAMPLE INFORMATION

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were not reported

It is noted that the identification of benzo[a]pyrene in NES-11TF(14-16) was not conclusive, based on the reference mass spectra included in the raw data. Benzo[a]pyrene should be considered undetected in this sample.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	BLANK PHTHALATE	CALIBRATE CAL#1	CALIBRATE CAL#2	CALIBRATE CAL#3	CALIBRATE CAL#4	CALIBRATE CAL#5	CALIBRATE CAL#6
NES-04PP(06-08)	900U	UJ					
NES-04PP(10-12)	440U	UJ					
NES-04PP(12-14)	440U	UJ					
NES-04PP(14-16)	420U	UJ				UJ	UJ
NES-05RR(04-08)	400U	UJ					
NES-05RR(08-10)	530U	UJ					
NES-06RR(08-10)	730U	UJ	UJ	UJ	UJ		
NES-06RR(10-12)	490U	UJ	UJ	UJ	UJ		
NES-07RR(06-08)	640U	UJ	UJ	UJ	UJ		
NES-07RR(08-10)	480U	UJ	UJ	UJ	UJ		
NES-07RR(10-11)	580U	UJ	UJ	UJ	UJ		
NES-11TF(00-02)	910U	UJ				UJ	UJ
NES-11TF(02-04)	540U	UJ				UJ	UJ
NES-11TF(04-06)	350U						
NES-11TF(06-08)	570U	UJ				UJ	UJ
NES-11TF(08-10)	640U	UJ				UJ	UJ
NES-11TF(10-12)	690U	UJ				UJ	UJ
NES-11TF(12-14)	690U	UJ				UJ	UJ
NES-11TF(14-16)	460U	UJ				UJ	UJ
NES-10TF(00-02)	380U						

CAL#1 = n-nitroso-di-n-propylamine

CAL#2 = 2-chlorophenol

CAL#3 = 2,4,6-trichlorophenol

CAL#4 = pentachlorophenol

CAL#5 = benzo[b]fluoranthene

CAL#6 = benzo[a]pyrene

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

MASS SPECTRA ID
BENZO[A]PYRENE

NES-04PP(06-08)
NES-04PP(10-12)
NES-04PP(12-14)
NES-04PP(14-16)
NES-05RR(04-08)
NES-05RR(08-10)
NES-06RR(08-10)
NES-06RR(10-12)
NES-07RR(06-08)
NES-07RR(08-10)
NES-07RR(10-11)
NES-11TF(00-02)
NES-11TF(02-04)
NES-11TF(04-06)
NES-11TF(06-08)
NES-11TF(08-10)
NES-11TF(10-12)
NES-11TF(12-14)
NES-11TF(14-16)
NES-10TF(00-02)

UJ

DATA REVIEW

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:NES-4PP(6-8)

Sampled 5/24/04 and 5/25/04

SOIL SAMPLES for PCB

NES-04PP(06-08)	040525006-24	NES-04PP(10-12)	040525006-26
NES-04PP(12-14)	040525006-27	NES-04PP(14-16)	040525006-28
NES-05RR(04-08)	040525006-31	NES-05RR(08-10)	040525006-32
NES-06RR(08-10)	040525006-38	NES-06RR(10-12)	040525006-39
NES-07RR(06-08)	040525006-45	NES-07RR(08-10)	040525006-46
NES-07RR(10-11)	040525006-47	NES-11TF(00-02)	040526034-01
NES-11TF(02-04)	040526034-02	NES-11TF(04-06)	040526034-03
NES-11TF(06-08)	040526034-04	NES-11TF(08-10)	040526034-05
NES-11TF(10-12)	040526034-06	NES-11TF(12-14)	040526034-07
NES-11TF(14-16)	040526034-08	NES-10TF(00-02)	040526034-09

DATA ASSESSMENT

A PCB data package containing analytical results for twenty soil samples was received from HRP Associates, Inc. on 06Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8082, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000 (ASP) and the cited method.

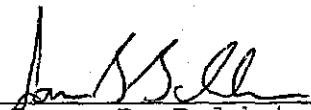
The presence of AR1254 in NES-11TF(0-2) was not verified by a confirmational analysis. The result has been qualified as an estimation.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the time of collection. Samples must remain chilled to 4°C from the time of collection. Aqueous samples must be extracted within 7 days of collection. The extraction of soil samples must begin within 14 days of receipt. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained twenty soil samples. Eleven samples were collected from the NE Solite site on 24May04 and delivered to the laboratory the same evening. The remaining samples were collected on 25May04 and delivered on 26May04. Both shipments of samples was received intact and packed with ice. Cooler temperatures of 4°C and 6°C were recorded at the time of receipt.

Each sample was extracted within nine days of receipt and analyzed within two days of extraction. Although the samples were held slightly longer than the ASP limitation of 5 days prior to extraction, data has been left unqualified. The samples were handled well within SW-846 limitations (above).

The concentrations of AR1260 present in NES-10TF(0-2) and NES-11TF(0-2) were verified by a second analysis performed on a confirmational chromatographic column. Raw data was not presented to confirm the presence of AR1254 in NES-11TF(0-2). The AR1254 result has been qualified as an estimation.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified.

Two method blanks were processed with this group of samples. Both blanks were free of PCB contamination.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibration was performed 16Mar04. AR1660 standards of 0.025, 0.05, 0.10, 0.25, 0.50, 1.00 and 2.00 µg/ml were included. These points were used to construct calibration curves for AR1016 and AR1260. The curves were constructed by totaling all of the chromatographic peaks associated with each Aroclor, at each level of concentration. Curves were not constructed for several individual

peaks that were unique to each Aroclor. The calibraions for AR1016 and AR1260 demonstrated an acceptable degree of linearity. Response factors for the remaining Aroclors were based on a single mid-range standard. These standards were processed on 29May04.

Calibration verifications were performed prior to and following the analysis of this group of samples. These checks demonstrated an acceptable level of instrument stability.

The initial calibration for the confirmational column was not included in the raw data. However, samples requiring a confirmational analysis were bracketed by standards that demonstrated instrument stability.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. The surrogate additions to this group of samples produced acceptable recoveries.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Sample NES-5RR(4-8) was selected for matrix spiking. Aroclors 1016 and 1260 were added to two portions of this sample. The recoveries reported for these additions demonstrated acceptable levels of measurement accuracy and precission.

A spiked blank was also extracted and analyzed with this group of samples. The AR1016 and 1260 additions to this sample produced acceptable recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Field split duplicate were not submitted with this group of samples.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

CONFIRM ID
AR1254

NES-04PP(06-08)
NES-04PP(10-12)
NES-04PP(12-14)
NES-04PP(14-16)
NES-05RR(04-08)
NES-05RR(08-10)
NES-06RR(08-10)
NES-06RR(10-12)
NES-07RR(06-08)
NES-07RR(08-10)
NES-07RR(10-11)
NES-11TF(00-02)
NES-11TF(02-04)
NES-11TF(04-06)
NES-11TF(06-08)
NES-11TF(08-10)
NES-11TF(10-12)
NES-11TF(12-14)
NES-11TF(14-16)
NES-10TF(00-02)

150J

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:NES-4PP(6-8)

Sampled 5/24/04

SOIL SAMPLES for METALS

NES-04PP(06-08) 040525006-24

NES-04PP(08-10) 040525006-25

NES-04PP(10-12) 040525006-26

NES-04PP(12-14) 040525006-27

NES-04PP(14-16) 040525006-28

DATA ASSESSMENT

An inorganics data package containing analytical results for five soil samples was received from HRP Associates, Inc. on 06Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOW HW-2, Rev. 11, Jan. 1992, Evaluation of Metals Data for the Contract Laboratory Program) was used as a technical reference.

The lead result reported from each program sample has been qualified as an estimation due to poor CRDL performance.

Silver results have been qualified as estimations due to a low matrix spike recovery. Selenium results have been rejected due to an unacceptable matrix spike recovery.

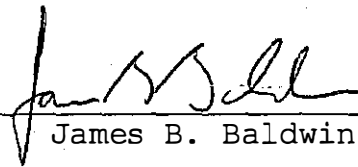
CORRECTNESS AND USABILITY

It is noted that the ICP Interelement Correction Factors reported with this data package were calculated a few days after the analysis of this group of samples. Although these factors may be representative of instrument performance, ASP protocol requires that they be determined within the calendar year preceding the analysis of samples. Data has not been qualified due to this error.

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "UJ". Data felt to be unreliable has been identified with a single red line and flagged "R". Rejected data should not be included in data tables. Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6 Aug 04

SAMPLE HISTORY

Sample holding times are calculated between the time of sampling and the time of analysis. Mercury samples must be analyzed within 28 days of collection; the remaining metals within 180 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a laboratory split duplicate, a matrix spiked sample, and a rinsate blank.

This sample delivery group contained five soil samples. The entire group of samples was collected from the NE Solite site on 24May04 and delivered to the laboratory the same evening. The sample cooler was received intact and packed with ice. A cooler temperature of 6°C was recorded at the time of receipt.

The analysis of each sample was completed within 22 days of receipt. The program holding time limitations were satisfied.

CALIBRATIONS

Calibration curves are constructed, using certified materials, to define the linear range of each analytical instrument. Beyond this range, measurements cannot be made with confidence. The calibration curve is immediately tested by analyzing an initial calibration verification standard (ICV). Continuing verifications (CCV) must bracket each group of up to ten samples. ICV and CCV recoveries must meet established criteria.

ICP calibrations were performed with a blank and one standard. Calibrations for mercury were performed with a blank and five standards. The lowest standard in each curve approached CRDL. Mercury calibration curves demonstrated an acceptable degree of linearity.

Each instrument calibration was immediately verified by the analysis of an ICV standard. Continuing calibration checks were made following each group of 10 samples. Each calibration check that was used to bracket samples from this program satisfied the program acceptance criteria.

CONTRACT REQUIRED DETECTION LIMIT STANDARDS (CRDL)

To verify instrument linearity near CRDL, an ICP standard at a concentration of twice CRDL (CRI) is analyzed at the beginning and end of each analytical sequence. A standard equaling CRDL (CRA) must be included in each atomic adsorption sequence. CRDL standards must produce a recovery between 80% and 120%.

The CRDL results reported by the laboratory included unacceptable recoveries of arsenic (78%), chromium (76%) and lead (68%, 75%, 78%, 71%). Based on this performance, the lead results reported from each program sample have been qualified as estimations. The remaining CRDL issues had no effect on reported data.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Preparation blanks are carried through the digestion process with each group of samples to evaluate general laboratory technique. Calibration blanks are run periodically to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

An initial blank (ICB) was analyzed following the calibration in each analytical sequence. Additional blanks were analyzed after every ten samples (CCB) and at the end of each sequence. Preparation blanks were digested, prior to analysis, with each group of samples. Each laboratory prepared blank that was associated with samples from this program was free of analyte contamination exceeding CRDL.

INTERFERENCE CHECK SAMPLE (ICS)

ICS standards are analyzed at the beginning and end of each ICP analysis sequence to verify background and inter-element correction factors. The recoveries of specified analytes are measured in the presence of interfering concentrations of aluminum, calcium, magnesium and iron.

Interference check standards, ICSA and ICSAB, were run at the beginning and end of each ICP analysis sequence. Each interference check standard that was used to bracket samples from this program produced recoveries within the range of acceptance, 80% - 120%.

PREDIGESTION SPIKE

The recovery of spike concentrations added to samples prior to digestion and analysis demonstrates measurement bias caused by sample matrix effects. Predigestion spikes must be recovered within control limits of 75% - 125%.

NES-4PP(6-8) was selected for matrix spiking. The required analyte additions were made to this sample. Acceptable recoveries were reported for the additions of barium, cadmium,

chromium, lead and mercury. A recovery of 126% was reported for arsenic. This indication of positive bias warrants no concern. Arsenic was not detected in this group of samples. A low silver recovery of 45% was also reported. Silver results have been qualified as estimations.

The selenium addition to NES-4PP(8-10) was completely unrecovered (0%). Based on this performance, the results reported for selenium must be considered unreliable. This information should not be included in data tables.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Laboratory split duplicates of NES-4PP(8-10) were processed with this group of samples. The concentrations obtained from this duplicate pair differed by less than 20% RPD or PQL. An acceptable level of measurement precision was demonstrated.

Field split duplicates were not included in this delivery group.

LABORATORY CONTROL STANDARD

Laboratory control samples are prepared by adding analytes to clean sand or reagent water. Analyte concentrations are then determined without interferences caused by sample matrix effects.

Two solid LCS standards were digested and analyzed with this group of samples. Acceptable recoveries were reported for each targeted analyte.

ICP SERIAL SILUTION SAMPLE

Possible matrix effects are verified by the process of serial dilutions. Samples are diluted 1:5 to reduce matrix contributions that might bias measurements. The original sample result, and the corrected concentration of the diluted sample are compared. Sample data is qualified if the original concentrations are not recovered within 10%. Analytes with initial concentrations below 50 times IDL are not considered.

NES-4PP(8-10) was prepared as a serial dilution. None of the analytes present in the undiluted aliquot of this sample, at a

concentration exceeding 50 times IDL, differed from the diluted result by more than 10%. The program acceptance criteria was satisfied.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	CRDLs LEAD	SPIKE SILVER	SPIKE SELENIUM
NES-04PP(06-08)	UJ	UJ	REJECT
NES-04PP(08-10)	UJ	UJ	REJECT
NES-04PP(10-12)	UJ	UJ	REJECT
NES-04PP(12-14)	UJ	UJ	REJECT
NES-04PP(14-16)	UJ	UJ	REJECT

DATA USABILITY
SUMMARY REPORT

N.E. SOLITE SITE

SAMPLED: May 2004

SDG NES-8TF(0-2)
SOIL SAMPLES
for
VOA, BN/A, PCB, Metals

Prepared for:

HRP ASSOCIATES, INC.
100 Saratoga Village Blvd.
Malta, New York 12020

Prepared by:

DATAVAL, Inc.
518 Hooper Rd., PMB 283
Endwell, NY 13760

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE
SDG:NES-8TF(0-2)
Sampled 5/25/04

SOIL SAMPLES for VOLATILE ORGANICS

NES-15BA(02-04)	040526034-29	NES-14Seep(00-02)	040526034-31
NES-14Seep(02-04)	040526034-32	NES-14Seep(04-06)	040526034-33
NES-14Seep(06-08)	040526034-34	NES-14Seep(08-10)	040526034-35
NES-14Seep(10-12)	040526034-36	NES-14Seep(12-14)	040526034-37
NES-14Seep(14-16)	040526034-38	NES-09TF(00-02)	040526034-39
NES-09TF(02-04)	040526034-40	NES-09TF(04-06)	040526034-41
NES-08TF(00-02)	040526034-42	NES-08TF(02-04)	040526034-43
NES-08TF(04-06)	040526034-44	NES-08TF(06-08)	040526034-45
SEDIMENT-POND	040528005-01		

DATA ASSESSMENT

A volatile organics data package containing analytical results for seventeen soil and sediment samples was received from HRP Associates, Inc. on 15Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8260, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-24, Rev 1, June 1999, Standard Operating Procedure for the Validation of Organic Data Acquired Using SW-846 Method 8260B (Rev 2, Dec 1996)) was used as a technical reference.

Acetone and methylene chloride were detected in the method blanks associated with this delivery group. Based on this observation, acetone concentrations less than or equal to 80 ug/kg, and all positive methylene chloride results should be considered undetected in this group of samples

The 1,1,2,2-tetrachloroethane results reported from NES-15BA(2-4) and nes-8tf(6-8) have been qualified as estimations due to poor calibration performance.

The analytes dependant upon the response of chlorobenzene-d5 in NES-Sep(8-10) have been qualified as estimations due to a low internal standard (IS#3) response.

The presence of ethylbenzene in NES-8TF(6-8) could not be verified using the mass spectra reference included in the raw data. Ethylbenzene should be considered undetected in this sample.

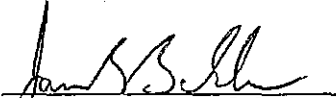
CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound Concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase

confidence in data, but any value potentially contains error. Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the verified time of sample receipt (VTSR). Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved aqueous samples and soils must be analyzed within 10 days of VTSR. Unpreserved VOA samples must be analyzed within 7 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained seventeen soil and sediment samples. Sixteen samples were collected from the NE Solite site on 25May04 and delivered to the laboratory the following morning. The final sample was collected on 27May04 and delivered to the laboratory the same day. The sample coolers were received intact and packed with ice. Cooler temperatures of between 2°C and 6°C were recorded at the time of receipt.

The analysis of each sample was completed within eight days of receipt. Program holding time limitations were satisfied.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include acetone, methylene chloride and 2-butanone. Chloroform is also frequently present as a laboratory artifact.

Four method blanks were analyzed with this group of samples. Although each blank demonstrated acceptable chromatography, they also contained traces of acetone (7,8ug/kg) and methylene chloride (3,5,2ug/kg). Similar concentrations of acetone and methylene chloride were present in samples. Based on this observation, methylene chloride concentrations below 50 ug/kg, and acetone below 80 ug/kg, prior to corrections for moisture, should be interpreted as laboratory artifacts. Acetone and methylene chloride should be considered undetected in such samples. Detection limits equaling CRDL, or the reported concentration, whichever is greater, should be assumed.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each BFB evaluation. The BFB tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibrations were performed on 18May04 and 28May04. In most cases, each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity during both calibrations. One exception is noted. During the 18May04 calibration, 1,1,2,2-tetrachloroethane failed to produce the required response. Based on this performance, the 1,1,2,2-tetrachloroethane result reported from every sample except NES-15BA(4-5), has been qualified as a usable estimation.

It is noted that on 28May04, vinyl chloride standards demonstrated poor linearity. However, an acceptable level of response was produced at each level on concentration. Although errors might be expected in measurements of this analyte, it may be assumed that vinyl chloride would be detected if present in samples. Because vinyl chloride was not detected in samples, data has been left unqualified.

A calibration verification standard was analyzed on each day of instrument operation, preceding program samples. These checks demonstrated an acceptable level of instrument stability. It is noted that a low 1,1,2,2-tetrachloroethane response was produced during the 03Jun04 verification, which followed the 18May04 calibration, and the 03Jun04 verification linked to the 28May calibration. Based on this performance, the 1,1,2,2-tetrachloroethane results reported from NES-8TF(6-8) and NES-15BA(2-4), the only associated samples, have been qualified as estimations.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared. However, the laboratory compared surrogate recoveries to their own in-house limits. When compared to the ASP acceptance criteria, an unacceptable recovery of bromofluorobenzene was reported from NES-

8TF(6-8) (116%). This indication of positive bias, however, warrants no concern. Targeted analytes were not detected in this sample. The remaining surrogates additions to program samples were recovered successfully.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than 50%. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, a low response was reported for the 1,4-difluorobenzene and chlorobenzene-d5 additions to NES-Sep(8-10). A repeated analysis of this sample only produced a low response for chlorobenzene-d5. Results from the repeated analysis should be included in data tables. Analytes dependant upon the response of chlorobenzene-d5 have been qualified as estimations in the affected sample.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

NES-8TF(0-2) and Pond Sediment were selected for matrix spiking. The analyte additions to two portions of these samples demonstrated acceptable levels of measurement accuracy and precision.

Two spiked blanks were also created and analyzed with this group of samples. These samples also produced acceptable analyte recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects or poor laboratory technique.

Field split duplicates were not included in this delivery group.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of

samples. Tentatively Identified Compounds TIC) were not reported.

It is noted that the identification of ethylbenzene in NES-8TF(6-8) could not be verified using the reference mass spectra included in the raw data. Ethylbenzene should be considered undetected in this sample.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	BLANK ACETONE	BLANK METH CL	CALIBRATE 1122TCA	INT STD IS3	SPECTRA ID ETHYLBENZENE
NES-15BA(02-04)	31U		6UJ		
NES-14Seep(00-02)	14U	9U			
NES-14Seep(02-04)	83U	10U			
NES-14Seep(04-06)		15U			
NES-14Seep(06-08)	30U	10U			
NES-14Seep(08-10)	63U	8U		ALL J/UJ	
NES-14Seep(10-12)	22U	8U			
NES-14Seep(12-14)	18U	8U			
NES-14Seep(14-16)	61U	6U			
NES-09TF(00-02)	11U	7U			
NES-09TF(02-04)	16U				
NES-09TF(04-06)	11U	5U			
NES-08TF(00-02)	11U	5U			
NES-08TF(02-04)	11U				
NES-08TF(04-06)	10U	5U			
NES-08TF(06-08)	23U	5U	5UJ		5U
SEDIMENT-POND	29U				

IS3 = 4-methyl-2-pentanone, 2-hexanone, tetrachloroethene, 1,1,2,2-tetrachloroethane, Toluene, chlorobenzene, ethylbenzene, styrene, xylenes

DATA USABILITY SUMMARY EPORT

For

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:NES-8TF(0-2)

Sampled 5/25/04 and 5/27/04

SOIL SAMPLES for SEMIVOLATILE ORGANICS

NES-15BA(02-04)	040526034-29	NES-14Seep(00-02)	040526034-31
NES-14Seep(02-04)	040526034-32	NES-14Seep(04-06)	040526034-33
NES-14Seep(06-08)	040526034-34	NES-14Seep(08-10)	040526034-35
NES-14Seep(10-12)	040526034-36	NES-14Seep(12-14)	040526034-37
NES-14Seep(14-16)	040526034-38	NES-09TF(00-02)	040526034-39
NES-09TF(02-04)	040526034-40	NES-09TF(04-06)	040526034-41
NES-08TF(00-02)	040526034-42	NES-08TF(02-04)	040526034-43
NES-08TF(04-06)	040526034-44	NES-08TF(06-08)	040526034-45
SEDIMENT-POND	040528005-01		

DATA ASSESSMENT

A semivolatile organics data package containing analytical results for seventeen soil and sediment samples was received from HRP Associates, Inc. on 09Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc.; the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8270, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-22, Rev 2, SOP for the Validation of Organic Data Acquired Using SW-846 Method 8270C, June 2001) was used as a technical reference.

The presence of bis(2-ethylhexyl)phthalate throughout this group of samples is assumed to represent a laboratory artifact. The phthalate should be considered undetected. Butylbenzylphthalate was also detected in NES-9TF(0-2). This concentration has been flagged as an estimation.

Benzo(a)pyrene, n-nitroso-di-n-propylamine, isophorone and pentachlorophenol demonstrated poor calibration performance. These analytes have been qualified as estimations in associated samples.

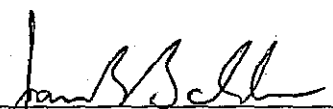
The identifications of acenaphthene, pyrene and benzo(a)anthracene and benzo[b]fluoranthene in NES-8TF(6-8) were not conclusive, based on the reference mass spectra included in the raw data. These analytes should be considered undetected in the affected sample.

CORRECTNESS AND USABILITY

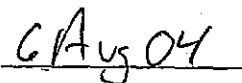
Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" and "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:



SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the time of collection. Samples must remain chilled to 4°C from the time of collection. Aqueous samples must be extracted within 7 days. The extraction of soil samples must begin within 14 days. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained seventeen soil and sediment samples. Sixteen samples were collected from the NE Solite site on 25May04 and delivered to the laboratory the following morning. The final sample was collected on 27May04 and delivered to the laboratory the same day. The sample coolers were received intact and packed with ice. Cooler temperatures of between 2°C and 6°C were recorded at the time of receipt.

Each sample was extracted within nine days of receipt and analyzed within fifteen days of extraction. Although the samples were held slightly longer than the ASP limitation of 5 days prior to extraction, data has been left unqualified. The samples were handled well within SW-846 limitations (above).

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include phthalate esters.

Two method blanks were processed with this group of samples. Although both blanks demonstrated acceptable chromatography, they did contain traces of bis(2-ethylhexyl)phthalate. Similar artifacts were present throughout this group of samples. Bis(2-ethylhexyl)phthalate should be considered undetected in this delivery group. A detection limit equaling CRDL or the reported concentration, whichever is greater, should be assumed.

NES-9TF(0-2) also contained a trace of butylbenzylphthalate. The presence of this phthalate is also assumed to represent a laboratory or program artifact. However, because butylbenzylphthalate was not detected in blanks, the reported concentration has been qualified as an estimation.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, Quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

Initial instrument calibrations were performed on 02Jun04 and 14Jun04. Standards of 20, 50, 80, 120 and 160 ng were included. In most cases, the calibration curves for each targeted analyte produced the required instrument response at each concentration level and demonstrated an acceptable degree of linearity. Two exceptions are noted. During the 02Jun04 calibration, n-nitroso-di-n-propylamine standards failed to produce the required level of instrument response. Because it cannot be assumed with certainty that this analyte would be detected if present in samples, the negative n-nitroso-di-n-propylamine results reported from NES-15BA(2-4) and NES-Seep(2-4), the only associated program samples, have been qualified as estimations.

Also on 02Jun04, pentachlorophenol standards demonstrated poor linearity. Acceptable levels of response were observed. Although errors would be likely in measurements of pentachlorophenol, it may be assumed this analyte would be detected if present in samples. Because pentachlorophenol was not detected in this group of samples, data has been left unqualified.

A calibration verification was performed prior to the analysis of program samples, on each day of instrument operation. In most cases, when compared to the initial calibrations, these checks demonstrated an acceptable level of instrument stability. A low response was produced by n-nitroso-di-n-propylamine, isophorone and benzo(a)pyrene during the 09Jun04 check which followed the 02Jun04 calibration. The benzo(a)pyrene and isophorone results reported from NES-15BA(2-4) and NES-Seep(2-4) have been qualified as estimations. N-nitroso-di-n-propylamine has been previously addressed.

During the 15Jun04 and 17June04 calibration checks, which followed the 14Jun04 initial calibration, n-nitroso-di-n-propylamine again failed to produce the required minimum level of instrument response. The n-nitroso-di-n-propyleamine results reported from NES-Seep(0-2), NES-Seep(4-6) and NES-Seep(8-10) have been qualified as estimations.

Pentachlorophenol demonstrated an unacceptable shift in instrument response during the calibration check on 18Jun04. Based on this performance, the pentachlorophenol result reported from NES-Seep(12-14) has been qualified as an estimation.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. Acceptable recoveries were reported for each surrogate addition to this group of samples.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, an acceptably response and retention time was reported for each internal standard added to this group of samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Sample NES-8TF(0-2) was selected for matrix spiking. The required mixture of analytes was added to two portions of this sample. These additions demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also prepared and analyzed with this group of samples. This sample also produced acceptable analyte recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate was not included in this group of samples.

SAMPLE INFORMATION

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of

samples. Tentatively Identified Compounds TIC) were not reported

It is noted that the identifications of acenaphthene, pyrene, benzo[a]anthracene and benzo[b]fluoranthene in NES-8TF(6-8) were not conclusive, based on the reference mass spectra included in the raw data. These analytes should be considered undetected in the affected sample.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	BLANKS PHTHALATES	CALIBRATE CAL1	CALIBRATE CAL2	CALIBRATE CAL3	CALIBRATE CAL4	SPECTRA ID SPECTRA
NES-15BA(02-04)	380U	UJ	UJ	UJ		
NES-14Seep(00-02)	400U	UJ				
NES-14Seep(02-04)	410U	UJ	UJ	UJ		
NES-14Seep(04-06)		UJ				
NES-14Seep(06-08)	440U					
NES-14Seep(08-10)	400U	UJ				
NES-14Seep(10-12)	430U					
NES-14Seep(12-14)	420U				UJ	
NES-14Seep(14-16)	420U					
NES-09TF(00-02)	59J/470U					
NES-09TF(02-04)	240U					
NES-09TF(04-06)	360U					
NES-08TF(00-02)	350U					
NES-08TF(02-04)	350U					
NES-08TF(04-06)	350U					
NES-08TF(06-08)	610U					360U
SEDIMENT-POND						

CAL1 = n-nitroso-di-n-propylamine

CAL2 = benzo(a)pyrene

CAL3 = isophorone

CAL4 = pentachlorophenol

SPECTRA = acenaphthene, pyrene, benzo[a]anthracene, benzo[b]fluoranthene

DATA REVIEW

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE
SDG:NES-8TF(0-2)
Sampled 5/25/04

SOIL SAMPLES for PCB

NES-15BA(02-04)	040526034-29	NES-14Seep(00-02)	040526034-31
NES-14Seep(02-04)	040526034-32	NES-14Seep(04-06)	040526034-33
NES-14Seep(06-08)	040526034-34	NES-14Seep(08-10)	040526034-35
NES-14Seep(10-12)	040526034-36	NES-14Seep(12-14)	040526034-37
NES-14Seep(14-16)	040526034-38	NES-09TF(00-02)	040526034-39
NES-09TF(02-04)	040526034-40	NES-09TF(04-06)	040526034-41
NES-08TF(00-02)	040526034-42	NES-08TF(02-04)	040526034-43
NES-08TF(04-06)	040526034-44	NES-08TF(06-08)	040526034-45
SEDIMENT-POND	040528005-01		

DATA ASSESSMENT

A PCB data package containing analytical results for seventeen soil and sediment samples was received from HRP Associates, Inc. on 15Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8082, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000 (ASP) and the cited method.

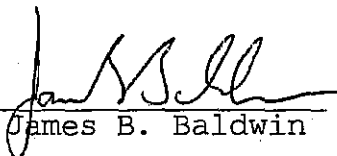
The Pond Sediment sample was held one day past the established holding time limitation prior to analysis. The results reported from this sample have been qualified as estimations.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the time of collection. Samples must remain chilled to 4°C from the time of collection. Aqueous samples must be extracted within 7 days of collection. The extraction of soil samples must begin within 14 days of receipt. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained seventeen soil and sediment samples. Sixteen samples were collected from the NE Solite site on 25May04 and delivered to the laboratory the following morning. The final sample was collected on 27May04 and delivered to the laboratory the same day. The sample coolers were received intact and packed with ice. Cooler temperatures of between 2°C and 6°C were recorded at the time of receipt.

Every sample except the Pond Sediment was extracted within nine days of receipt and analyzed within seven days of extraction. Although the samples were held longer than the ASP limitation of 5 days prior to extraction, data has been left unqualified. The samples were handled well within SW-846 limitations (above).

The Pond Sediment sample was held in the laboratory for fifteen days prior to extraction, exceeding the allowed holding time by one day. This sample was then analyzed within 24 hours of extraction. The results reported from this sample have been qualified as estimations.

The presence of AR1260 in NES-8TF(0-2) and NES-9TF(0-2) was verified by a repeated analysis on a confirmational chromatographic column.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified.

Two method blanks were processed with this group of samples. Both blanks were free of PCB contamination.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, Quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibration was performed 16Mar04. AR1660 standards of 0.025, 0.05, 0.10, 0.25, 0.50, 1.00 and 2.00 µg/ml were included. These points were used to construct calibration curves for

AR1016 and AR1260. The curves were constructed by totaling all of the chromatographic peaks associated with each Aroclor, at each level of concentration. Individual curves were not constructed for individual peaks that were unique to each Aroclor. The calibrations for AR1016 and AR1260 demonstrated an acceptable degree of linearity. Response factors for the remaining Aroclors were based on a single mid-range standard. These standards were processed on 05Jun05.

Calibration verifications were performed prior to and following the analysis of this group of samples. These checks demonstrated an acceptable level of instrument stability.

The initial calibration for the confirmational column was not included in the raw data. However, samples requiring a confirmational analysis, was bracketed by standards that demonstrated instrument stability.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. The surrogate additions to this group of samples produced acceptable recoveries.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Sample NES-14Seep(4-6) was selected for matrix spiking. Aroclors 1016 and 1260 were added to two portions of this sample. The recoveries reported for these additions demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also extracted and analyzed with this group of samples. The AR1016 and 1260 additions to this sample produced acceptable recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Field split duplicate were not submitted with this group of samples.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

HOLDING TIME

NES-15BA(02-04)
NES-14Seep(00-02)
NES-14Seep(02-04)
NES-14Seep(04-06)
NES-14Seep(06-08)
NES-14Seep(08-10)
NES-14Seep(10-12)
NES-14Seep(12-14)
NES-14Seep(14-16)
NES-09TF(00-02)
NES-09TF(02-04)
NES-09TF(04-06)
NES-08TF(00-02)
NES-08TF(02-04)
NES-08TF(04-06)
NES-08TF(06-08)
SEDIMENT-POND

ALL UJ

DATA USABILITY
SUMMARY REPORT

N.E. SOLITE SITE

SAMPLED: May 2004

SDG NES-10TF(2-4)
SOIL SAMPLES
for
VOA, BN/A, PCB, Metals

Prepared for:

HRP ASSOCIATES, INC.
100 Saratoga Village Blvd.
Malta, New York 12020

Prepared by:

DATAVAL, Inc.
518 Hooper Rd., PMB 283
Endwell, NY 13760

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE
SDG:NES-10TF(2-4)
Sampled 5/25/04

SOIL SAMPLES for VOLATILE ORGANICS

NES-10TF(02-04)	040526034-10	NES-10TF(04-06)	040526034-11
NES-10TF(06-08)	040526034-12	NES-10TF(08-10)	040526034-13
NES-10TF(10-11)	040526034-14	NES-13TF(00-02)	040526034-15
NES-13TF(02-04)	040526034-16	NES-13TF(04-06)	040526034-17
NES-13TF(06-08)	040526034-18	NES-13TF(08-10)	040526034-19
NES-13TF(10-12)	040526034-20	NES-13TF(12-13)	040526034-21
NES-12TF(00-02)	040526034-22	NES-12TF(02-04)	040526034-23
NES-12TF(04-08)	040526034-24	NES-12TF(08-10)	040526034-25
NES-12TF(10-12)	040526034-26	NES-12TF(12-14)	040526034-27
NES-15BA(00-02)	040526034-28	NES-15BA(04-05)	040526034-30

DATA ASSESSMENT

A volatile organics data package containing analytical results for twenty soil samples was received from HRP Associates, Inc. on 09Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8260, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-24, Rev 1, June 1999, Standard Operating Procedure for the Validation of Organic Data Acquired Using SW-846 Method 8260B (Rev 2, Dec 1996) was used as a technical reference.

Acetone and methylene chloride were detected in the method blanks associated with this delivery group. Based on this observation, acetone concentrations less than or equal to 70 ug/kg, and all positive methylene chloride results should be considered undetected in this group of samples

The 1,1,2,2-tetrachloroethane result reported from every sample except NES-15BA(04-05) has been qualified as an estimation due to poor calibration performance.

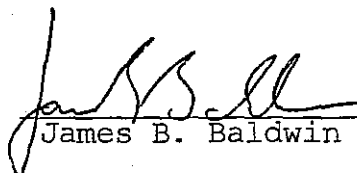
The toluene result from NES-13TF(08-10) has been qualified as an estimation due to a high surrogate standard recovery.

CORRECTNESS AND USABILITY

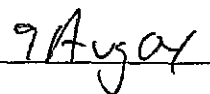
Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound Concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:



SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the verified time of sample receipt (VTSR). Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved aqueous samples and soils must be analyzed within 10 days of VTSR. Unpreserved VOA samples must be analyzed within 7 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained twenty soil samples. The entire group of samples was collected from the NE Solite site on 25May04 and was delivered to the laboratory the following morning. The sample cooler was received intact and packed with ice. Cooler temperatures of 6°C were recorded at the time of receipt.

The analysis of each sample was completed within eight days of receipt. Program holding time limitations were satisfied.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include acetone, methylene chloride and 2-butanone. Chloroform is also frequently present as a laboratory artifact.

Five method blanks were analyzed with this group of samples. Although each blank demonstrated acceptable chromatography, they also contained traces of acetone (5ug/kg), methylene chloride (18ug/kg) and 2-hexanone (0.6ug/kg). Similar concentrations of acetone and methylene chloride were present in samples. Based on this observation, methylene chloride concentrations below 180 ug/kg, and acetone below 50 ug/kg, prior to corrections for moisture, should be interpreted as laboratory artifacts. The acetone limit has been increased to 70 ug/kg, prior to correction, based on blanks analyzed with associated delivery groups. Acetone and methylene chloride should be considered undetected in such samples. Detection limits equaling CRDL, or the reported concentration, whichever is greater, should be assumed.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accom-

plished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each BFB evaluation. The BFB tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibrations were performed on 18May04 and 28May04. In most cases, each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity during both calibrations. One exception is noted. During the 18May04 calibration, 1,1,2,2-tetrachloroethane failed to produce the required response. Based on this performance, the 1,1,2,2-tetrachloroethane result reported from every sample except NES-15BA(4-5) has been qualified as a usable estimation.

It is noted that on 28May04, vinyl chloride standards demonstrated poor linearity. However, an acceptable level of response was produced at each level on concentration. Although errors might be expected in measurements of this analyte, it may be assumed that vinyl chloride would be detected if present in samples. Because vinyl chloride was not detected in samples, data has been left unqualified.

A calibration verification standard was analyzed on each day of instrument operation, preceding program samples. These checks demonstrated an acceptable level of instrument stability. It is noted that a low 1,1,2,2-tetrachloroethane response was produced during each verification that followed the 18May04 calibration. This issue has been previously addressed.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared. However, the laboratory compared surrogate recoveries to their own in-house limits. When compared to the ASP acceptance criteria, an unacceptable recovery of bromofluorobenzene was reported from NES-13TF(8-10) (118%). Based on this indication of positive bias, the toluene concentration reported from NES-13TF(8-10) has been

qualified as an estimation. The negative results reported for the remaining analytes were unaffected.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than 50%. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was demonstrated by the response of each internal standard addition to this group of samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

NES-10TF(4-6) was selected for matrix spiking. The analyte additions to two portions of this sample demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also created and analyzed with this group of samples. This sample also produced acceptable analyte recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects or poor laboratory technique.

Field split duplicates were not included in this delivery group.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument printouts. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were not reported.

DATA

SUMMARY OF QUALIFIED

NE Solite Site

Sampled May 2004

	BLANK ACETONE	BLANK METH CL	CALIBRATE 1122TCA	SURROGATE TOLUENE
NES-10TF(02-04)			24J	
NES-10TF(04-06)			UJ	
NES-10TF(06-08)			UJ	
NES-10TF(08-10)			UJ	
NES-10TF(10-11)	26U		UJ	
NES-13TF(00-02)	29U		UJ	
NES-13TF(02-04)			UJ	
NES-13TF(04-06)	48U	13U	UJ	
NES-13TF(06-08)			UJ	
NES-13TF(08-10)	43U		UJ	4J
NES-13TF(10-12)	83U		UJ	
NES-13TF(12-13)	47U		UJ	
NES-12TF(00-02)			UJ	
NES-12TF(02-04)			UJ	
NES-12TF(04-08)	26U		UJ	
NES-12TF(08-10)			UJ	
NES-12TF(10-12)			UJ	
NES-12TF(12-14)			UJ	
NES-15BA(00-02)			UJ	
NES-15BA(04-05)	83U			

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG: NES-10TF(2-4)

Sampled 5/25/04

SOIL SAMPLES for SEMIVOLATILE ORGANICS

NES-10TF(02-04)	040526034-10	NES-10TF(04-06)	040526034-11
NES-10TF(06-08)	040526034-12	NES-10TF(08-10)	040526034-13
NES-10TF(10-11)	040526034-14	NES-13TF(00-02)	040526034-15
NES-13TF(02-04)	040526034-16	NES-13TF(04-06)	040526034-17
NES-13TF(06-08)	040526034-18	NES-13TF(08-10)	040526034-19
NES-13TF(10-12)	040526034-20	NES-13TF(12-13)	040526034-21
NES-12TF(00-02)	040526034-22	NES-12TF(02-04)	040526034-23
NES-12TF(04-08)	040526034-24	NES-12TF(08-10)	040526034-25
NES-12TF(10-12)	040526034-26	NES-12TF(12-14)	040526034-27
NES-15BA(00-02)	040526034-28	NES-15BA(04-05)	040526034-30

DATA ASSESSMENT

A semivolatile organics data package containing analytical results for twenty soil samples was received from HRP Associates, Inc. on 09Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8270, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-22, Rev 2, SOP for the Validation of Organic Data Acquired Using SW-846 Method 8270C, June 2001) was used as a technical reference.

The presence of bis(2-ethylhexyl)phthalate throughout this group of samples is assumed to represent a laboratory artifact. The phthalate should be considered undetected.

Benzo(a)pyrene, benzo[b]fluoranthene, n-nitroso-di-n-phenolamine, isophorone, pyrene and pentachlorophenol demonstrated poor calibration performance. These analytes have been qualified as estimations in associated samples.

The identifications of phenol, pyrene and hexachlorobenzene in NES-10TF(2-4), and naphthalene in NES-10TF(6-8) were not conclusive, based on the reference mass spectra included in the raw data. These analytes should be considered undetected in the affected samples.

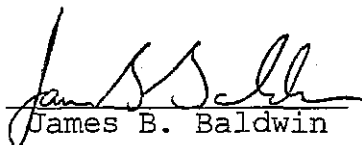
CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" and "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error.

Secondly. DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

9 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the time of collection. Samples must remain chilled to 4°C from the time of collection. Aqueous samples must be extracted within 7 days. The extraction of soil samples must begin within 14 days. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained twenty soil samples. The entire group of samples was collected from the NE Solite site on 25May04 and was delivered to the laboratory the following morning. The sample cooler was received intact and packed with ice. Cooler temperatures of 6°C were recorded at the time of receipt.

Each sample was extracted within eight days of receipt and analyzed within twenty-one days of extraction. Although the samples were held slightly longer than the ASP limitation of 5 days prior to extraction, data has been left unqualified. The samples were handled well within SW-846 limitations (above).

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include phthalate esters.

One method blank was processed with this group of samples. Although this blank demonstrated acceptable chromatography, it did contain traces of bis(2-ethylhexyl)phthalate. Similar artifacts were present throughout this group of samples. Bis(2-ethylhexyl)phthalate should be considered undetected in this delivery group. A detection limit equaling CRDL or the reported concentration, whichever is greater, should be assumed.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, Quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

Initial instrument calibrations were performed on 02Jun04 and 14Jun04. Standards of 20, 50, 80, 120 and 160 ng were included. In most cases, the calibration curves for each targeted analyte produced the required instrument response at each concentration level and demonstrated an acceptable degree of linearity. Two exceptions are noted. During the 02Jun04 calibration, n-nitroso-di-n-propylamine standards failed to produced the required level of instrument response. Because it cannot be assumed with certainty that this analyte would be detected if present in samples, the negative n-nitroso-di-n-propylamine result reported from each associated program sample has been qualified as an estimation.

Also on 02Jun04, pentachlorophenol standards demonstrated poor linearity. Acceptable levels of response were observed. Although errors would be likely in measurements of pentachlorophenol, it may be assumed this analyte would be detected if present in samples. Because pentachlorophenol was not detected in this group of samples, data has been left unqualified.

A calibration verification was performed prior to the analysis of program samples, on each day of instrument operation. When compared to the initial calibrations, most of these checks demonstrated an acceptable level of instrument stability. A low response was produced by n-nitroso-di-n-propylamine, benzo[b]-fluoranthene and benzo(a)pyrene during both checks following the 02Jun04 calibration. A low response was also reported for isophorone on 09Jun04. The performance of n-nitroso-di-n-propylamine has been previously addressed. Benzo[b]fluoranthene, benzo(a)pyrene and isophorone have been qualified as estimations in associated samples.

During the 15June04 calibration check, which followed the 14Jun04 initial calibration, n-nitroso-di-n-propylamine again failed to produce the required minimum level of instrument response. The n-nitroso-di-n-propyleamine result reported from NES-13TF(12-13) has been qualified as an estimation.

Pyrene demonstrated an unacceptable shift in instrument response during the calibration check on 24Jun04. Based on this performance, the pyrene result reported from NES-10TF(2-4) has been qualified as an estimation. A similar shift was demonstrated by pyrene and pentachlorophenol on 18Jun04. Associated data has been qualified as an estimation.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in

environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. Acceptable recoveries were reported for each surrogate addition to this group of samples.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, an acceptable response and retention time was reported for each internal standard added to this group of samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Sample NES-15BA(4-5) was selected for matrix spiking. The required mixture of analytes was added to two portions of this sample. These additions demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also prepared and analyzed with this group of samples. This sample also produced acceptable analyte recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicate was not collected.

SAMPLE INFORMATION

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were not reported.

It is noted that the identifications of phenol, pyrene and hexachlorobenzene in NES-10TF(2-4), and naphthalene in NES-10TF(6-8) were not conclusive, based on the reference mass

spectra included in the raw data. These analytes should be considered undetected in the affected samples.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	BLANKS PHTHALATES	CALIBRATE CAL1	CALIBRATE CAL2	CALIBRATE CAL3	CALIBRATE CAL4	CALIBRATE CAL5	CALIBRATE CAL6
NES-10TF(02-04)	18000U					UJ	
NES-10TF(04-06)	1400U					UJ	UJ
NES-10TF(06-08)	500U	UJ	UJ	UJ			
NES-10TF(08-10)	920U						
NES-10TF(10-11)	540U	UJ	UJ	UJ			
NES-13TF(00-02)	370U	UJ	UJ	UJ			
NES-13TF(02-04)	500U	UJ	UJ	UJ			
NES-13TF(04-06)	510U	UJ	UJ	UJ			
NES-13TF(06-08)	380U						
NES-13TF(08-10)	460U	UJ	UJ	UJ			
NES-13TF(10-12)	410U	UJ	UJ	UJ			
NES-13TF(12-13)	390U	UJ					
NES-12TF(00-02)	360U	UJ	UJ	UJ	UJ		
NES-12TF(02-04)	360U	UJ	UJ	UJ	UJ		
NES-12TF(04-08)	360U	UJ	UJ	UJ	UJ		
NES-12TF(08-10)	360U	UJ	UJ	UJ	UJ		
NES-12TF(10-12)	430U	UJ	UJ	UJ	UJ		
NES-12TF(12-14)	410U	UJ	UJ	UJ	UJ		
NES-15BA(00-02)	420U	UJ	UJ	UJ	UJ		
NES-15BA(04-05)	390U	UJ	UJ	UJ	UJ		

CAL1 = n-nitroso-di-n-propylamine

CAL2 = benzo[b]fluoranthene

CAL3 = benzo(a)pyrene

CAL4 = isophorone

CAL5 = pyrene

QUALIFIED DATA

NE Solite Site

Sampled May 2004

	SPECTRA ID NAPHTHALENE	SPECTRA ID SPEC1
NES-10TF(02-04)		
NES-10TF(04-06)		1500U
NES-10TF(06-08)	380U	
NES-10TF(08-10)		
NES-10TF(10-11)		
NES-13TF(00-02)		
NES-13TF(02-04)		
NES-13TF(04-06)		
NES-13TF(06-08)		
NES-13TF(08-10)		
NES-13TF(10-12)		
NES-13TF(12-13)		
NES-12TF(00-02)		
NES-12TF(02-04)		
NES-12TF(04-08)		
NES-12TF(08-10)		
NES-12TF(10-12)		
NES-12TF(12-14)		
NES-15BA(00-02)		
NES-15BA(04-05)		

SPEC1 = phenol, hexachlorobenzene, pyrene

DATA REVIEW
for
HRP ASSOCIATES, INC.
100 Saratoga Village Boulevard
Malta, New York 12020

NE SOLITE SITE
SDG:NES-10TF(2-4)
Sampled 5/25/04

SOIL SAMPLES for PCB

NES-10TF(02-04)	040526034-10	NES-10TF(04-06)	040526034-11
NES-10TF(06-08)	040526034-12	NES-10TF(08-10)	040526034-13
NES-10TF(10-11)	040526034-14	NES-13TF(00-02)	040526034-15
NES-13TF(02-04)	040526034-16	NES-13TF(04-06)	040526034-17
NES-13TF(06-08)	040526034-18	NES-13TF(08-10)	040526034-19
NES-13TF(10-12)	040526034-20	NES-13TF(12-13)	040526034-21
NES-12TF(00-02)	040526034-22	NES-12TF(02-04)	040526034-23
NES-12TF(04-08)	040526034-24	NES-12TF(08-10)	040526034-25
NES-12TF(10-12)	040526034-26	NES-12TF(12-14)	040526034-27
NES-15BA(00-02)	040526034-28	NES-15BA(04-05)	040526034-30

DATA ASSESSMENT

A PCB data package containing analytical results for twenty soil samples was received from HRP Associates, Inc. on 09Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8082, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000 (ASP) and the cited method.

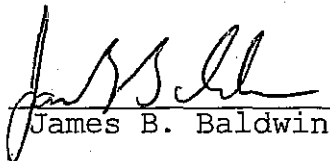
The concentrations of AR-1248 reported from NES-10TF(2-4), NES-10TF(4-6) and NES-10TF(8-10) were not verified by a confirmational analysis. These results have been qualified as estimations.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

9 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the time of collection. Samples must remain chilled to 4°C from the time of collection. Aqueous samples must be extracted within 7 days of collection. The extraction of soil samples must begin within 14 days of receipt. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained twenty soil samples. The entire group of samples was collected from the NE Solite site on 25May04 and was delivered to the laboratory the following morning. The sample cooler was received intact and packed with ice. Cooler temperatures of 6°C were recorded at the time of receipt.

Each sample was extracted within eight days of receipt and analyzed within six days of extraction. Although the samples were held slightly longer than the ASP limitation of 5 days prior to extraction, data has been left unqualified. The samples were handled well within SW-846 limitations (above).

The positive AR1260 results reported from NES-10TF(2-4), NES-10TF(4-6) and NES-10TF(8-10) were verified by confirmational analyses using a second chromatographic column. Confirmational analyses were not provided to confirm the presence of AR1248 in these samples. The AR1248 results reported from NES-10TF(2-4), NES-10TF(4-6) and NES-10TF(8-10) have been qualified as estimations.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include phthalate esters.

One method blank was processed with this group of samples. This blank was free of PCB contamination.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, Quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibration was performed 16Mar04. AR1660 standards of 0.025, 0.05, 0.10, 0.25, 0.50, 1.00 and 2.00 µg/ml were included. These points were used to construct calibration curves for AR1016 and AR1260. The curves were constructed by totaling all of the

chromatographic peaks associated with each Aroclor, at each level of concentration. Individual curves were not constructed for representative peaks that were unique to each Aroclor. The calibrations for AR1016 and AR1260 demonstrated an acceptable degree of linearity. Response factors for the remaining Aroclors were based on a single mid-range standard. These standards were processed on 29May04.

Calibration verifications were performed prior to and following the analysis of this group of samples. These checks demonstrated an acceptable level of instrument stability.

The initial calibration for the confirmational column was not included in the raw data. However, samples requiring a confirmational analysis, was bracketed by standards that demonstrated instrument stability.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. The surrogate additions to this group of samples produced acceptable recoveries.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Sample NES-15BA(4-5) was selected for matrix spiking. Aroclors 1016 and 1260 were added to two portions of this sample. The recoveries reported for these additions demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also extracted and analyzed with this group of samples. The AR1016 and AR1260 additions to this sample produced acceptable recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Field split duplicate were not submitted with this group of samples.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

CONFIRM
AR-1248

NES-10TF(02-04)	2200J
NES-10TF(04-06)	200J
NES-10TF(06-08)	
NES-10TF(08-10)	140J
NES-10TF(10-11)	
NES-13TF(00-02)	
NES-13TF(02-04)	
NES-13TF(04-06)	
NES-13TF(06-08)	
NES-13TF(08-10)	
NES-13TF(10-12)	
NES-13TF(12-13)	
NES-12TF(00-02)	
NES-12TF(02-04)	
NES-12TF(04-08)	
NES-12TF(08-10)	
NES-12TF(10-12)	
NES-12TF(12-14)	
NES-15BA(00-02)	
NES-15BA(04-05)	

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE
SDG:NES-10TF(2-4)
Sampled 5/25/04

SOIL SAMPLES for METALS

NES-15BA(00-02) 040526034-28 NES-15BA(04-05) 040526034-30

DATA ASSESSMENT

An inorganics data package containing analytical results for two samples was received from HRP Associates, Inc. on 09Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOW HW-2, Rev. 11, Jan. 1992, Evaluation of Metals Data for the Contract Laboratory Program) was used as a technical reference.

The lead results reported from both program samples have been qualified as estimations due to poor CRDL performance.

Silver results have been qualified as estimations and selenium results have been rejected due to low matrix spike recoveries.

CORRECTNESS AND USABILITY

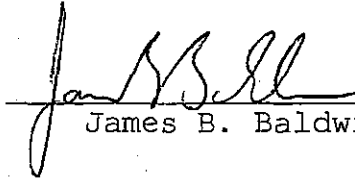
It is noted that the ICP Interelement Correction Factors reported with this data package were calculated a few days after the analysis of this group of samples. Although these factors may be representative of instrument performance, ASP protocol requires that they be determined within the calendar year preceding the analysis of samples. Data has not been qualified due to this error.

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "UJ". Data felt to be unreliable has been identified with a single red line and flagged "R". Rejected data should not be included in data tables. Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be

guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

9 Aug 04

SAMPLE HISTORY

Sample holding times are calculated between the time of sampling and the time of analysis. Mercury samples must be analyzed within 28 days of collection; the remaining metals within 180 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a laboratory split duplicate, a matrix spiked sample, and a rinsate blank.

This sample delivery group contained two soil samples. Both samples were collected from the NE Solite site on 25May04 and were delivered to the laboratory the following morning. The sample cooler was received intact and packed with ice. A cooler temperature of 6°C was recorded at the time of receipt.

The analysis of each sample was completed within twenty days of receipt. Program holding time limitations were satisfied.

CALIBRATIONS

Calibration curves are constructed, using certified materials, to define the linear range of each analytical instrument. Beyond this range, measurements cannot be made with confidence. The calibration curve is immediately tested by analyzing an initial calibration verification standard (ICV). Continuing verifications (CCV) must bracket each group of up to ten samples. ICV and CCV recoveries must meet established criteria.

ICP calibrations were performed with a blank and one standard. Calibrations for mercury were performed with a blank and five standards. The lowest standard in each curve approached CRDL. Mercury calibration curves demonstrated an acceptable degree of linearity.

Each instrument calibration was immediately verified by the analysis of an ICV standard. Continuing calibration checks were made following each group of 10 samples. Each calibration check that was used to bracket samples from this program satisfied the program acceptance criteria.

CONTRACT REQUIRED DETECTION LIMIT STANDARDS (CRDL)

To verify instrument linearity near CRDL, an ICP standard at a concentration of twice CRDL (CRI) is analyzed at the beginning and end of each analytical sequence. A standard equaling CRDL (CRA) must be included in each atomic adsorption sequence. CRDL standards must produce a recovery between 80% and 120%.

The CRDL results reported by the laboratory included unacceptable recoveries of chromium (76%) and lead (78%, 71%). Based on this performance, the lead results reported from both program samples have been qualified as estimations. The chromium result had no impact on reported data.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Preparation blanks are carried through the digestion process with each group of samples to evaluate general laboratory technique. Calibration blanks are run periodically to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

An initial blank (ICB) was analyzed following the calibration in each analytical sequence. Additional blanks were analyzed after every ten samples (CCB) and at the end of each sequence. Preparation blanks were digested, prior to analysis, with each group of samples. Each laboratory prepared blank that was associated with samples from this program was free of analyte contamination exceeding CRDL.

INTERFERENCE CHECK SAMPLE (ICS)

ICS standards are analyzed at the beginning and end of each ICP analysis sequence to verify background and inter-element correction factors. The recoveries of specified analytes are measured in the presence of interfering concentrations of aluminum, calcium, magnesium and iron.

Interference check standards, ICSA and ICSAB, were run at the beginning and end of each ICP analysis sequence. Each interference check standard that was used to bracket samples from this program produced recoveries within the range of acceptance, 80% - 120%.

PREDIGESTION SPIKE

The recovery of spike concentrations added to samples prior to digestion and analysis demonstrates measurement bias caused by sample matrix effects. Predigestion spikes must be recovered within control limits of 75% - 125%.

NES-15BA(0-2) was selected for matrix spiking. The required analyte additions were made to this sample. Acceptable recoveries were reported for the additions of arsenic, barium, cadmium, chromium, lead and mercury. A low recovery of 69% was

reported for silver. Based on this performance, the silver results reported from this group of samples have been qualified as estimations.

The selenium addition was completely unrecovered (0%). Based on this performance, the results reported for selenium must be considered unreliable. This information should not be included in data tables.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Laboratory split duplicates of NES-15BA(0-2) were processed with this group of samples. The concentrations obtained from this pair of samples differed by less than 20% RPD or PQL. An acceptable level of measurement precision was demonstrated.

Field split duplicates were not included in this delivery group.

LABORATORY CONTROL STANDARD

Laboratory control samples are prepared by adding analytes to clean sand or reagent water. Analyte concentrations are then determined without interferences caused by sample matrix effects.

A solid LCS standard was digested and analyzed with this group of samples. Acceptable recoveries were reported for each targeted analyte.

ICP SERIAL SILUTION SAMPLE

Possible matrix effects are verified by the process of serial dilutions. Samples are diluted 1:5 to reduce matrix contributions that might bias measurements. The original sample result, and the corrected concentration of the diluted sample are compared. Sample data is qualified if the original concentrations are not recovered within 10%. Analytes with initial concentrations below 50 times IDL are not considered.

NES-15BA(0-2) was prepared as a serial dilution. None of the analytes present in the undiluted aliquot of this sample, at a concentration exceeding 50 times IDL, differed from the diluted

results by more than 10%. The program acceptance criteria was satisfied.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	CRDL LEAD	SPIKE SILVER	SPIKE SELENIUM
NES-15BA(00-02)	3.2J	UJ	REJECT
NES-15BA(04-05)	UJ	UJ	REJECT

APPENDIX E

**Data Usability Summary Reports
(Groundwater Samples)**

HRP

Associates, Inc.

**DATA USABILITY
SUMMARY REPORT**

N.E. SOLITE SITE

SAMPLED: May 2004

**SDG BR-3
AQUEOUS SAMPLES
for
VOA, BN/A, PCB, Metals, Inorganics**

Prepared for:

**HRP ASSOCIATES, INC.
100 Saratoga Village Blvd.
Malta, New York 12020**

Prepared by:

**DATAVAL, Inc.
518 Hooper Rd., PMB 283
Endwell, NY 13760**

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:BR-3

Sampled 5/24/04 thru 5/27/04

AQUEOUS SAMPLES for VOLATILE ORGANICS

NES-5RR	040525006-01	NES-6RR	040525006-02
NES-7RR	040525006-03	Trip Blk	040525006-48
SEEP	040526011-01	NES-15BA	040526011-02
NES-13TF	040526011-03	Trip Blk	040526011-04
Prod Well	040528005-03	Surface	040528005-04
Trip Blk	040528005-05	DSP-2-2	040528005-06
DSP-2-4	040528005-07	DSP-3	040528005-08
DSP-4	040528005-09	BR-3	040528005-10
DFT-3	040528005-11	DFT-4	040528005-12
DFT-11	040528005-13	DUP-X1	040528005-14
Equip Blk	040528005-15	Trip Blk	040528005-16

DATA ASSESSMENT

A volatile organics data package containing analytical results for seventeen aqueous samples, four trip blanks, and an equipment blank was received from HRP Associates, Inc. on 12Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8260, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-24, Rev 1, June 1999, Standard Operating Procedure for the Validation of Organic Data Acquired Using SW-846 Method 8260B (Rev 2, Dec 1996)) was used as a technical reference.

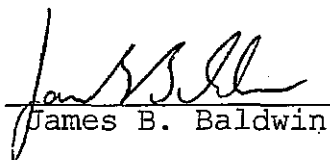
The 1,1,2,2-tetrachloroethane result reported from each program sample has been qualified as an estimation due to poor calibration performance. The vinyl chloride results reported from NES-5RR, NES-6RR, SEEP, NES-15BA, NES-13TF and NES-7RR have been similarly qualified.

CORRECTNESS AND USABILITY

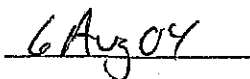
Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound Concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:



SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the verified time of sample receipt (VTSR). Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved aqueous samples and soils must be analyzed within 10 days of VTSR. Unpreserved VOA samples must be analyzed within 7 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained seventeen aqueous samples, an equipment blank, and four trip blanks. Three samples were collected on 24May04 and delivered to the laboratory, with a trip blank the same afternoon. Three additional samples and a trip blank were collected on 25May04 and delivered the next day. The remaining samples and blanks were collected on 26May04 and 27May04. They were delivered to the laboratory on 27May04. The samples were received intact and packed with ice. Cooler temperatures between 2°C and 6°C were recorded at the time of receipt.

One additional cooler, which contained SEEP, NES-15BA and NES-13TF, recorded a temperature of 8°C. This slight exceedence does not warrant data qualifications because the samples arrived at the laboratory in less than a day.

The analysis of each sample was completed within eight days of receipt. Program holding time limitations were satisfied.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include acetone, methylene chloride and 2-butanone. Chloroform is also frequently present as a laboratory artifact.

Four method blanks, four trip blanks, and an equipment blank were analyzed with this group of samples. Each blank demonstrated acceptable chromatography. The method blanks, the equipment blank, and two of the trip blanks were free of targeted analyte contamination. Two trip blanks that were received on 28May04 contained acetone (20ug/l, 11ug/l) and 2-butanone (27ug/l). The presence of this contamination, however, warrants no concern. Acetone and 2-butanone were not detected in this group of samples.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each BFB evaluation. The BFB tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibration was performed on 18May04. With one exception, each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity. 1,1,2,2-Tetrachloroethane failed to produce the required response at each level of concentration. Based on this performance, the 1,1,2,2-tetrachloroethane results reported from this group of samples have been qualified as estimations.

A calibration verification standard was analyzed on each day of instrument operation, preceding program samples. These checks demonstrated an acceptable level of instrument stability. It is noted that a low 1,1,2,2-tetrachloroethane response was produced during each verification that followed the 18May04 calibration. This issue has been previously addressed.

During the 27May04 calibration check, vinyl chloride demonstrated an unacceptably large shift in instrument response (31%). Based on this performance, the vinyl chloride results reported from NES-5RR, NES-6RR, SEEP, NES-15BA, NES-13TF and NES-7RR have been qualified as estimations.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, the correct acceptance criteria applied. An acceptable recovery was reported for every surrogate addition to this group of samples.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard

just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than 50%. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was demonstrated by the response of each internal standard addition to this group of samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

NES-7RR and the Surface Water sample were selected for matrix spiking. Although the analyte additions to both aliquots of NES-7RR demonstrated acceptable levels of measurement accuracy, the measurements of 1,1-dichloroethene indicated poor precision (15% RPD). However, because both 1,1-dichloroethene measurements were within the range of acceptance, this performance does not warrant data qualifications.

One toluene addition to the Surface Water sample produced a high recovery of 126%. This indication of positive bias warrants no concern. Targeted analytes were not detected in this group of samples. Each pair of Surface Water measurements also demonstrated poor precision. Again, because targeted analytes were not detected, data has been left unqualified.

Two spiked blanks were also analyzed with this group of samples. These samples produced acceptable analyte recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects or poor laboratory technique.

Field split duplicates were not identified in this delivery group.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument printouts. Tentatively Identified Compounds (TIC) were not reported.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	CALIBRATE VINYL CL	CALIBRATE 1,1,2,2-TCA

NES-5RR	UJ	UJ
NES-6RR	UJ	UJ
NES-7RR	UJ	UJ
Trip Blk	UJ	UJ
SEEP	UJ	UJ
NES-15BA	UJ	UJ
NES-13TF	UJ	UJ
Trip Blk	UJ	UJ
Prod Well		UJ
Surface		UJ
Trip Blk		UJ
DSP-2-2		UJ
DSP-2-4		UJ
DSP-3		UJ
DSP-4		UJ
BR-3		UJ
DFT-3		UJ
DFT-4		UJ
DFT-11		UJ
DUP-X1		UJ
Equip Blk		UJ
Trip Blk		UJ

DATA USABILITY SUMMARY EPORT

For

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:BR-3

Sampled 5/24/04 thru 5/27/04

AQUEOUS SAMPLES for SEMIVOLATILE ORGANICS

NES-5RR	040525006-01	NES-6RR	040525006-02
NES-7RR	040525006-03	SEEP	040526011-01
NES-15BA	040526011-02	NES-13TF	040526011-03
Prod Well	040528005-03	Surface	040528005-04
DSP-2-2	040528005-06	DSP-2-4	040528005-07
DSP-3	040528005-08	DSP-4	040528005-09
BR-3	040528005-10	DFT-3	040528005-11
DFT-4	040528005-12	DFT-11	040528005-13
DUP-X1	040528005-14	Equip Blk	040528005-15

DATA ASSESSMENT

A semivolatile organics data package containing analytical results for seventeen aqueous samples and an equipment blank was received from HRP Associates, Inc. on 12Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8270, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-22, Rev 2, SOP for the Validation of Organic Data Acquired Using SW-846 Method 8270C, June 2001) was used as a technical reference.

The presence of bis(2-ethylhexyl)phthalate throughout this group of samples is assumed to represent a laboratory artifact. This phthalate should be considered undetected. Di-n-butyl phthalate was also detected in DSP-2-2, DSP-2-4, BR-3 and DFT-4. These concentrations have been flagged as estimations.

The pyrene results reported from DFT-3, DFT-4, DFT-11, DUP-X1 and the Equipment Blank have been qualified as estimations due to poor calibration performance.

The acid fraction of DSP-3, DSP-4 and DFT-4 have been qualified as estimations due to low surrogate standard recoveries.

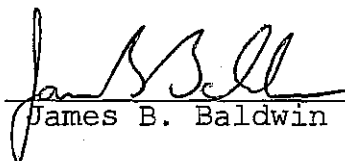
The acid fraction of the Surface Water sample, and the 4-nitro-aniline concentration reported from DSP-2-4 have been qualified as estimations due to unacceptable matrix spike recoveries.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" and "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the verified time of sample receipt (VTSP). Aqueous samples must remain chilled to 4°C from the time of collection, and must be extracted within 5 days of VTSP. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained seventeen aqueous samples and an equipment blank. Three samples were collected on 24May04 and delivered to the laboratory the same afternoon. Three additional samples were collected on 25May04 and delivered the next day. The remaining samples and the equipment blank were collected on 26May04 and 27May04. They were delivered to the laboratory on 27May04. The samples were received intact and packed with ice. Cooler temperatures between 2°C and 6°C were recorded at the time of receipt.

One additional cooler, which contained SEEP, NES-15BA and NES-13TF, recorded a temperature of 8°C. This slight exceedence does not warrant data qualifications because the samples arrived at the laboratory in less than a day.

Each sample was extracted within five days of receipt and analyzed within twenty-seven days of extraction. Program holding times limitations were satisfied.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include phthalate esters.

Two method blanks were processed with this group of samples. Although both blanks demonstrated acceptable chromatography, they did contain traces of bis(2-ethylhexyl)phthalate. Similar artifacts were present throughout this group of samples. Bis(2-ethylhexyl)phthalate should be considered undetected in this delivery group. A detection limit equaling CRDL or the reported concentration, whichever is greater, should be assumed. The Equipment Blank that was included in this delivery group was free of targeted analyte contamination.

DSP-2-2, DSP-2-4, BR-3 and DFT-4 also contained traces of di-n-butylphthalate. The presence of this phthalate is also assumed to represent a laboratory or program artifact. However, because di-n-butylphthalate was not detected in blanks, the reported concen-

trations have been qualified as estimations.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, Quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibration was performed on 14Jun04. Standards of 20, 50, 80, 120 and 160 ng were included. During this calibration, each targeted analyte produced the required instrument response at each concentration level and demonstrated an acceptable degree of linearity.

A calibration verification was performed prior to the analysis of program samples, on each day of instrument operation. Pyrene demonstrated an unacceptable shift in instrument response during the calibration check on 24Jun04. Based on this performance, the pyrene result reported from each associated sample has been qualified as an estimation.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. Acceptable surrogate recoveries were reported for the additions to most of the samples in this delivery group. However, low recoveries were reported for two of the acid surrogates added to DSP-3, DSP-4 and DFT-4. Based on this performance, the results reported for the acid fraction of these samples have been qualified as estimations.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and

response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, an acceptably response and retention time was reported for each internal standard added to this group of samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

Sample NES-7RR and the Surface Water sample were selected for matrix spiking. The required mixture of analytes was added to two portions of both samples. High recoveries were produced by five of the additions to the MSD portion of NES-7RR. Based on this performance, the 4-nitroaniline concentration reported from DSP-2-4, the only positive sample, has been qualified as an estimation.

The 4-nitrophenol (2%,2%) and pentachlorophenol (3%) additions to the surface water produced unacceptably low recoveries. Based on this performance, the acid fraction of this sample has been qualified as an estimation.

Two spiked blanks were also prepared and analyzed with this group of samples. These samples produced acceptable analyte recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicates were not identified in this group of samples.

SAMPLE INFORMATION

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds TIC) were not reported

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	BLANKS PHTHALATES	CALIBRATE PYRENE	SURROGATES ACID FRACTION	MATRIX SPIKE 4-NITROANILINE	MATRIX SPIKE ACD FRACTION
NES-5RR					
NES-6RR					
NES-7RR					
SEEP	6U				
NES-15BA	5U				
NES-13TF	6U				
Prod Well					
Surface					ALL UJ
DSP-2-2	5U/1J				
DSP-2-4	5U/2J			3J	
DSP-3	5U		ALL UJ		
DSP-4	5U		ALL UJ		
BR-3	5U/2J				
DFT-3	5U	UJ			
DFT-4	5U/2J	UJ	ALL UJ		
DFT-11	5U	UJ			
DUP-X1	5U	UJ			
Equip Blk		UJ			

DATA REVIEW

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:BR-3

Sampled 5/24/04 thru 5/27/04

AQUEOUS SAMPLES for PCB

NES-5RR	040525006-01	NES-6RR	040525006-02
NES-7RR	040525006-03	SEEP	040526011-01
NES-15BA	040526011-02	NES-13TF	040526011-03
Prod Well	040528005-03	Surface	040528005-04
DSP-2-2	040528005-06	DSP-2-4	040528005-07
DSP-3	040528005-08	DSP-4	040528005-09
BR-3	040528005-10	DFT-3	040528005-11
DFT-4	040528005-12	DFT-11	040528005-13
DUP-X1	040528005-14	Equip Blk	040528005-15

DATA ASSESSMENT

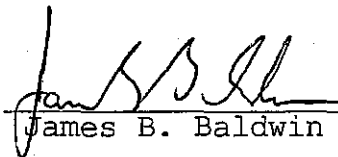
A PCB data package containing analytical results for seventeen aqueous samples and an equipment blank was received from HRP Associates, Inc. on 12Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8082, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000 (ASP) and the cited method.

CORRECTNESS AND USABILITY

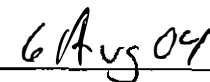
Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:


6 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the verified time of sample receipt (VTSR). Samples must remain chilled to 4°C from the time of collection. Aqueous samples must be extracted within 5 days of VTSR. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained seventeen aqueous samples and an equipment blank. Three samples were collected on 24May04 and delivered to the laboratory the same afternoon. Three additional samples were collected on 25May04 and delivered the next day. The remaining samples and the equipment blank were collected on 26May04 and 27May04. They were delivered to the laboratory on 27May04. The samples were received intact and packed with ice. Cooler temperatures between 2°C and 6°C were recorded at the time of receipt.

One additional cooler, which contained SEEP, NES-15BA and NES-13TF, recorded a temperature of 8°C. This slight excedence does not warrant data qualifications because the samples arrived at the laboratory in less than a day.

Each sample was extracted within two days of receipt and analyzed within two days of extraction. Program holding times limitations were satisfied.

The concentrations of AR1260 that were reported from this group of samples were verified by a second analysis using a confirmational chromatographic column. One exception is noted. 0.025 µg/l of AR1260 was reported from NES-7RR. Although AR1260 was present in the chromatography of NES-7RR during the confirmational analysis, the level was too low to quantify. The reported concentration has not been qualified.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include phthalate esters.

Two method blanks were processed with this group of samples. Both blanks were free of PCB contamination. The Equipment Blank that was included in this group of samples was also free of targeted analyte contamination.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, Quantitative

data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibration was performed 16Mar04. AR1660 standards of 0.025, 0.05, 0.10, 0.25, 0.50, 1.00 and 2.00 µg/ml were included. These points were used to construct calibration curves for AR1016 and AR1260. The curves were constructed by totaling all of the chromatographic peaks associated with each Aroclor, at each level of concentration. Curves were not constructed for individual peaks that were unique to each Aroclor. The calibrations for AR1016 and AR1260 demonstrated an acceptable degree of linearity. Response factors for the remaining Aroclors were based on a single mid-range standard. These standards were processed on 29May04.

Calibration verifications were performed prior to and following the analysis of this group of samples. These checks demonstrated an acceptable level of instrument stability.

The initial calibration for the confirmational column was not included in the raw data. However, samples requiring a confirmational analysis, was bracketed by standards that demonstrated instrument stability.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. The surrogate additions to this group of samples produced acceptable recoveries.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

NES-7RR and the Surface Water sample were selected for matrix spiking. Aroclors 1016 and 1260 were added to two portions of both samples. The recoveries reported for these additions demonstrated acceptable levels of measurement accuracy and precision.

Two spiked blanks were also extracted and analyzed with this group of samples. The AR1016 and AR1260 additions to this sample produced acceptable recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Field split duplicate were not identified in this group of samples.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

NES-5RR
NES-6RR
NES-7RR
SEEP
NES-15BA
NES-13TF
Prod Well
Surface
DSP-2-2
DSP-2-4
DSP-3
DSP-4
BR-3
DFT-3
DFT-4
DFT-11
DUP-X1
Equip Blk

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:BR-3

Sampled 5/24/04 thru 5/27/04

AQUEOUS SAMPLES for METALS

NES-5RR	040525006-01	NES-6RR	040525006-02
NES-7RR	040525006-03	NES-15BA	040526011-02
NES-13TF	040526011-03	Surface	040528005-04
DSP-2-2	040528005-06	DSP-2-4	040528005-07
DSP-3	040528005-08	DSP-4	040528005-09
DFT-3	040528005-11	DUP-X1	040528005-14
Equip Blk	040528005-15		

DATA ASSESSMENT

An inorganics data package containing analytical results for twelve aqueous samples and an equipment blank was received from HRP Associates, Inc. on 12Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOW HW-2, Rev. 11, Jan. 1992, Evaluation of Metals Data for the Contract Laboratory Program) was used as a technical reference.

The lead results reported from every sample except DSP-3, NES-5RR, NES-7RR, NES-15BA and DupX-1, and the chromium results from every sample except NES-5RR have been qualified as estimations due to poor CRDL performance.

The lead results from every sample and the cadmium results from every sample except the Surface Water have been qualified as estimations due to low matrix spike recoveries. The arsenic and selenium results from every sample except the Surface Water have been rejected due to poor matrix spike recoveries.

CORRECTNESS AND USABILITY

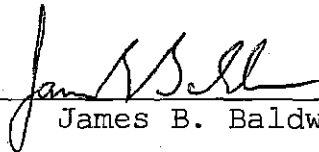
It is noted that the ICP Interelement Correction Factors reported with this data package were calculated a few days after the analysis of this group of samples. Although these factors may be representative of instrument performance, ASP protocol requires that they be determined within the calendar year preceding the analysis of samples. Data has not been qualified due to this error.

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "UJ". Data felt to be unreliable has been identified with a single red line and flagged "R". Rejected data should not be included in data

tables. Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date: 6 Aug 04

SAMPLE HISTORY

Sample holding times are calculated between the time of sampling and the time of analysis. Mercury samples must be analyzed within 28 days of collection; the remaining metals within 180 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a laboratory split duplicate, a matrix spiked sample, and a rinsate blank.

This sample delivery group contained twelve aqueous samples and an equipment blank. Three samples were collected on 24May04 and delivered to the laboratory, with a trip blank the same afternoon. Two additional samples and a trip blank were collected on 25May04 and delivered the next day. The remaining samples and blanks were collected on 26May04 and 27May04. They were delivered to the laboratory on 27May04. The samples were received intact and packed with ice. Cooler temperatures between 2°C and 6°C were recorded at the time of receipt.

One additional cooler, which contained NES-15BA and NES-13TF, recorded a temperature of 8°C. This slight exceedence does not warrant data qualifications because the samples arrived at the laboratory in less than a day.

The analysis of each sample was completed within twenty-two days of receipt. Program holding time limitations were satisfied.

CALIBRATIONS

Calibration curves are constructed, using certified materials, to define the linear range of each analytical instrument. Beyond this range, measurements cannot be made with confidence. The calibration curve is immediately tested by analyzing an initial calibration verification standard (ICV). Continuing verifications (CCV) must bracket each group of up to ten samples. ICV and CCV recoveries must meet established criteria.

ICP calibrations were performed with a blank and one standard. Calibrations mercury were performed with a blank and five standards. The lowest standard in each curve approached CRDL. Mercury calibration curves demonstrated an acceptable degree of linearity.

Each instrument calibration was immediately verified by the analysis of an ICV standard. Continuing calibration checks were made following each group of 10 samples. Each calibration check that was used to bracket samples from this program satisfied the program acceptance criteria.

CONTRACT REQUIRED DETECTION LIMIT STANDARDS (CRDL)

To verify instrument linearity near CRDL, an ICP standard at a concentration of twice CRDL (CRI) is analyzed at the beginning and end of each analytical sequence. A standard equaling CRDL (CRA) must be included in each atomic adsorption sequence. CRDL standards must produce a recovery between 80% and 120%.

The CRDL results reported by the laboratory included unacceptable recoveries of chromium (76%) and lead (78%, 71%). Based on this performance, the chromium and lead results reported from this group of samples have been qualified as estimations. It is noted that chromium concentrations exceeding 40 ug/l and lead exceeding 12 ug/l have been left unqualified.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Preparation blanks are carried through the digestion process with each group of samples to evaluate general laboratory technique. Calibration blanks are run periodically to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

An initial blank (ICB) was analyzed following the calibration in each analytical sequence. Additional blanks were analyzed after every ten samples (CCB) and at the end of each sequence. Preparation blanks were digested, prior to analysis, with each group of samples. Each laboratory prepared blank that was associated with samples from this program was free of analyte contamination exceeding CRDL.

The equipment blank that was included in this group of samples was also free of analyte contamination exceeding CRDL.

INTERFERENCE CHECK SAMPLE (ICS)

ICS standards are analyzed at the beginning and end of each ICP analysis sequence to verify background and inter-element correction factors. The recoveries of specified analytes are measured in the presence of interfering concentrations of aluminum, calcium, magnesium and iron.

Interference check standards, ICSA and ICSAB, were run at the beginning and end of each ICP analysis sequence. Each interference check standard that was used to bracket samples from this program produced recoveries within the range of acceptance, 80% - 120%.

PREDIGESTION SPIKE

The recovery of spike concentrations added to samples prior to digestion and analysis demonstrates measurement bias caused by sample matrix effects. Predigestion spikes must be recovered within control limits of 75% - 125%.

NES-7RR and the Surface Water sample were selected for matrix spiking. The required analyte additions were made to both samples. NES-7RR produced low recoveries of cadmium (36%) and lead (74%). Arsenic and selenium were completely unrecovered (0%). The Surface Water sample produced a low lead recovery of 68%. Based on this performance, the lead result reported from each program sample has been qualified as an estimation. The cadmium result from every sample except the Surface Water has been similarly qualified. The arsenic and selenium results from every sample except the Surface Water have been rejected.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Laboratory split duplicates of NES-7RR and the Surface Water sample were processed with this group of samples. The concentrations obtained from both pairs of samples differed by less than 20% RPD or PQL. An acceptable level of measurement precision was demonstrated.

Field split duplicates were not identified in this delivery group.

LABORATORY CONTROL STANDARD

Laboratory control samples are prepared by adding analytes to clean sand or reagent water. Analyte concentrations are then determined without interferences caused by sample matrix effects.

An aqueous LCS standard was digested and analyzed with this group of samples. Acceptable recoveries were reported for each targeted analyte.

ICP SERIAL DILUTION SAMPLE

Possible matrix effects are verified by the process of serial dilutions. Samples are diluted 1:5 to reduce matrix contri-

butions that might bias measurements. The original sample result, and the corrected concentration of the diluted sample are compared. Sample data is qualified if the original concentrations are not recovered within 10%. Analytes with initial concentrations below 50 times IDL are not considered.

NES-7RR and the Surface Water sample were prepared as serial dilutions. None of the analytes present in the undiluted aliquots of these samples, at a concentration exceeding 50 times IDL, differed from the diluted results by more than 10%. The program acceptance criteria was satisfied.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	CRDL CHROMIUM	CRDL LEAD	SPIKES CADMIUM	SPIKE LEAD	SPIKE ARSENIC	SPIKES SELENIUM
NES-5RR			43.8J	57.9J	REJECT	REJECT
NES-6RR	UJ	UJ	UJ	UJ	REJECT	REJECT
NES-7RR	36.4J		0.91BJ	27.4J	REJECT	REJECT
NES-15BA	6.6BJ		UJ	19.5J	REJECT	REJECT
NES-13TF	15.4J	3.8J	UJ	3.8J	REJECT	REJECT
Surface	UJ	UJ		UJ		
DSP-2-2	UJ	3.6J	UJ	3.6J	REJECT	REJECT
DSP-2-4	7.0BJ	UJ	0.65BJ	UJ	REJECT	REJECT
DSP-3	UJ		6.1J	22.4J	REJECT	REJECT
DSP-4	UJ	9.9J	2.8BJ	9.9J	REJECT	REJECT
DFT-3	UJ	UJ	UJ	UJ	REJECT	REJECT
DUP-X1	UJ		6.9J	24.1J	REJECT	REJECT
Equip Blk	UJ	UJ	UJ	UJ	REJECT	REJECT

DATA REVIEW

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:BR-3

Sampled 5/27/04

AQUEOUS SAMPLES for INORGANICS

Surface Water 040528005-04

DATA ASSESSMENT

An inorganics data package containing analytical results for one surface water sample was received from HRP Associates, Inc. on 12Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The sample, taken from NE Solite site, was identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. The determinations of pH, turbidity, chloride, sulfate and phenols, were performed according to EPA Methods 150.1, 180.1, 300.0, 300.0 and 420.1, respectively. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 06/2000, and the cited methods.

The surface water sample was collected on 27May04 and delivered to the laboratory the same day. A temperature of 2°C was obtained from the sample cooler at the time of receipt. Measurements of pH and turbidity were completed on 01Jun04, after being held in the laboratory for four days. Because these measurements should be made immediately, or within 24 hours, pH and Turbidity results must be considered unusable. This information should not be included in data tables. Chloride, sulfate and phenols determinations were completed within acceptable holding times.

The analysis of each sample was bracketed by check standards. Each measurement was performed in duplicate. Spiked samples and spiked blanks were analyzed for chloride, sulfate and phenols. These samples produced acceptable recoveries.

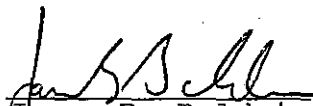
A high recovery was reported for the sulfate CRDL standard (127%). This indication of bias warrants no concern. The sulfate concentration present in the Surface Water sample exceeded the range requiring qualification.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J". Data that is considered unreliable has been identified with a single red line and flagged "R". Rejected data should not be included in data tables. Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

6 Aug 04

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled May 2004

	HOLD TIME pH	HOLD TIME TURBIDITY
Surface Water	REJECT	REJECT

DATA USABILITY

SUMMARY REPORT

N.E. SOLITE SITE

SAMPLED: June 2004

SDG DSP-5
AQUEOUS SAMPLES
for
VOA, BN/A, PCB, Metals

Prepared for:

HRP ASSOCIATES, INC.
100 Saratoga Village Blvd.
Malta, New York 12020

Prepared by:

DATAVAL, Inc.
518 Hooper Rd., PMB 283
Endwell, NY 13760

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:DSP-5

Sampled 6/2/04

AQUEOUS SAMPLES for VOLATILE ORGANICS

DSP-5 (040604001-1)

Trip Blk (040604001-2)

DATA ASSESSMENT

A volatile organics data package containing analytical results for one aqueous sample and a trip blank was received from HRP Associates, Inc. on 26Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8260, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-24, Rev 1, June 1999, Standard Operating Procedure for the Validation of Organic Data Acquired Using SW-846 Method 8260B (Rev 2, Dec 1996)) was used as a technical reference.

The 1,1,2,2-tetrachloroethane result reported from DSP-5 has been qualified as an estimation due to poor calibration performance.

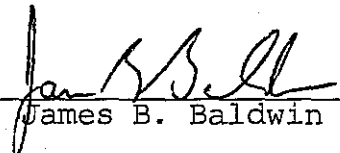
The results reported from DSP-5 have been qualified as estimations because the sample was not properly chilled at the time of collection.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" or "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound Concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

14 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the verified time of sample receipt (VTSR). Samples must remain chilled to 4°C between the time of collection and the time of analysis. Acid preserved aqueous samples and soils must be analyzed within 10 days of VTSR. Unpreserved VOA samples must be analyzed within 7 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained one aqueous sample and a trip blank. The sample was collected on 02Jun04 and delivered to the laboratory the next afternoon. The sample was received intact. However, although the laboratory record indicates the sample was chilled, a cooler temperature of 9°C were recorded at the time of receipt. Because the sample was not properly chilled from the time of collection, data reported from DSP-5 has been qualified as an estimation.

The analysis of DSP-5 was completed within one day of receipt. Program holding time limitations were satisfied.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include acetone, methylene chloride and 2-butanone. Chloroform is also frequently present as a laboratory artifact.

One method blank and a trip blank was analyzed with this group of samples. Both blanks demonstrated acceptable chromatography. The method blank was free of targeted analyte contamination. The trip blank contained acetone (16ug/l) and 2-butanone (18ug/l). The presence of this contamination, however, warrants no concern. Acetone and 2-butanone were not detected in DSP-5.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of BFB was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is

present for each BFB evaluation. The BFB tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibration was performed on 18May04. With one exception, each targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity. 1,1,2,2-Tetrachloroethane failed to produce the required response at each level of concentration. Based on this performance, the 1,1,2,2-tetrachloroethane result reported from DSP-5 has been qualified as an estimation.

A calibration verification standard was analyzed on 04Jun04, prior to the analysis of DSP-5. This check demonstrated an acceptable level of instrument stability. It is noted that 1,1,2,2-tetrachloroethane, again, produced a low response.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, the correct acceptance criteria applied. An acceptable recovery was reported for every surrogate addition to this group of samples.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than 50%. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was demonstrated by the response of each internal standard addition to this group of samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate

spiked aliquot provides a measurement of precision.

DSP-5 was selected for matrix spiking. The correct mixture of analytes was added to two aliquots of this sample. The recoveries reported for these additions demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was also analyzed with this group of samples. This sample produced acceptable analyte recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects or poor laboratory technique.

Field split duplicates were not identified in this delivery group.

REPORTED ANALYTES

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Tentatively Identified Compounds (TIC) were not reported.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled June 2004

CALIBRATE
1,1,2,2-TCA PRESERVATION

DSP-5 (040604001-1)

UJ

ALL UJ

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:DSP-5

Sampled 6/2/04

AQUEOUS SAMPLES for SEMIVOLATILE ORGANICS

DSP-5 (040604001-1)

DATA ASSESSMENT

A semivolatile organics data package containing analytical results for one aqueous sample was received from HRP Associates, Inc. on 26Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8270, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOP HW-22, Rev 2, SOP for the Validation of Organic Data Acquired Using SW-846 Method 8270C, June 2001) was used as a technical reference.

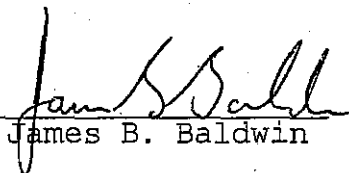
The results reported from DSP-5 have been qualified as estimations because the sample was not properly chilled at the time of collection.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J" and "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

14 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the verified time of sample receipt (VTSP). Aqueous samples must remain chilled to 4°C from the time of collection, and must be extracted within 5 days of VTSR. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained one aqueous sample and a trip blank. The sample was collected on 02Jun04 and delivered to the laboratory the next afternoon. The sample was received intact. However, although the laboratory record indicates the sample was chilled, a cooler temperature of 9°C were recorded at the time of receipt. Because the sample was not properly chilled from the time of collection, data reported from DSP-5 has been qualified as an estimation.

DSP-5 was extracted within four days of receipt and analyzed within twenty-one days of extraction. Program holding times limitations were satisfied.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include phthalate esters.

One method blank was processed with this group of samples. Although this blanks demonstrated acceptable chromatography, it did contain traces of bis(2-ethylhexyl)phthalate. The presence of this artifact, however, warrants no concern. The phthalate was not detected in DSP-5.

MS TUNING

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence and during every 12-hour period of instrument operation. An Instrument Performance Check Form is present for each DFTPP evaluation. The DFTPP tunes associated with this group of samples satisfied the program acceptance criteria.

CALIBRATION

Requirements for instrument calibration are established to ensure

that laboratory equipment is capable of producing accurate, Quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibration was performed on 14Jun04. Standards of 20, 50, 80, 120 and 160 ng were included. During this calibration, each targeted analyte produced the required instrument response at each concentration level and demonstrated an acceptable degree of linearity.

A calibration verification was performed on 28Jun04, prior to the analysis of DSP-5. This check demonstrated an acceptable level of instrument stability.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. Acceptable surrogate recoveries were reported for each addition to DSP-5.

INTERNAL STANDARDS

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to this criteria, an acceptably response and retention time was reported for each internal standard added to this group of samples.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

An MS/MSD pair was not prepared and analyzed with DSP-5. However, the requirement for this QC check was satisfied in SDG BR-3. The positive bias that was indicated by high recoveries of additions to NES-7RR, in BR-3, warrant no concern. Targeted analytes were not detected in DSP-5.

A spiked blank was prepared and analyzed with this group of samples. This sample produced acceptable analyte recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

A field split duplicates were not identified in this group of samples.

SAMPLE INFORMATION

Formal reports were provided for each sample. The data package also included total ion chromatograms and raw instrument print-outs. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were not reported

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled June 2004

PRESERVATION

DSP-5 (040604001-1)

ALL UJ

DATA ASSESSMENT

A PCB data package containing analytical results for one aqueous sample was received from HRP Associates, Inc. on 26Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 8082, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000 (ASP) and the cited method.

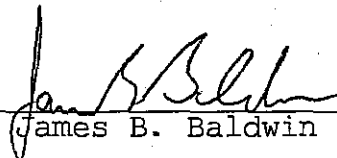
The results reported from DSP-5 have been qualified as estimations because the sample was not properly chilled at the time of collection.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "J". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed all QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

14 Aug 04

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved, or are not analyzed within established holding times, may no longer be considered representative. Holding times are calculated from the verified time of sample receipt (VTSR). Samples must remain chilled to 4°C from the time of collection. Aqueous samples must be extracted within 5 days of VTSR. Analyses must be completed within 40 days of extraction. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a matrix spike, matrix spike duplicate, and a rinsate blank.

This sample delivery group contained one aqueous sample and a trip blank. The sample was collected on 02Jun04 and delivered to the laboratory the next afternoon. The sample was received intact. However, although the laboratory record indicates the sample was chilled, a cooler temperature of 9°C were recorded at the time of receipt. Because the sample was not properly chilled from the time of collection, data reported from DSP-5 has been qualified as an estimation.

DSP-5 was extracted within one day of receipt, and analyzed within four days of extraction. Program holding time limitations were satisfied.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank. Any sample concentration less than 5 times the level determined in a blank must be qualified. The qualification criteria is extended to ten times the concentration observed in blanks for common laboratory artifacts. These include phthalate esters.

One method blank was processed with this group of samples. This blank was free of PCB contamination.

CALIBRATION

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, Quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration standards verify instrument stability.

The initial instrument calibration was performed 16Mar04. AR1660 standards of 0.025, 0.05, 0.10, 0.25, 0.50, 1.00 and 2.00 µg/ml were included. These points were used to construct calibration curves for AR1016 and AR1260. The curves were constructed by totaling all of the chromatographic peaks associated with each Aroclor, at each level of concentration. Curves were not constructed for individual peaks that were unique to each Aroclor. The calibrations for AR1016 and AR1260 demonstrated an acceptable degree of linearity. Response factors for the remaining Aroclors were based on a single mid-range standard. These standards were processed on 05Jun04.

Calibration verifications were performed prior to and following the

analysis of this group of samples. These checks demonstrated an acceptable level of instrument stability.

Calibration information for the confirmational column was not presented because PCB was not detected in DSP-5.

SURROGATES

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared; appropriate acceptance criteria applied. The surrogate additions to this group of samples produced acceptable recoveries.

MATRIX SPIKES / MATRIX SPIKE DUPLICATES / MATRIX SPIKED BLANKS

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

An MS/MSD pair was not prepared and analyzed with DSP-5. However, the requirement for this QC check was satisfied in SDG BR-3. In BR-3, the additions to NES-7RR demonstrated acceptable levels of measurement accuracy and precision.

A spiked blank was extracted and analyzed with this group of samples. The AR1016 and AR1260 additions to this sample produced acceptable recoveries.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Field split duplicate were not identified in this group of samples.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled June 2004

PRESERVATION

DSP-5 (040604001-1) ALL UJ

DATA USABILITY SUMMARY EPORT

for

HRP ASSOCIATES, INC.

100 Saratoga Village Boulevard

Malta, New York 12020

NE SOLITE SITE

SDG:DSP-5

Sampled 6/2/04

AQUEOUS SAMPLES for METALS

• DSP-5 (040604001-1)

DATA ASSESSMENT

An inorganics data package containing analytical results for one aqueous sample was received from HRP Associates, Inc. on 26Jul04. The ASP deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from NE Solite site, were identified by Chain of Custody documents and traceable through the work of Adirondack Environmental Services, Inc., the laboratory contracted for analysis. Analyses, performed according to SW-846 methods, addressed Target Compound List analytes. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol, September 1989, Rev. 06/2000. When the required protocol was not followed, the current EPA Region II Functional Guidelines (SOW HW-2, Rev. 11, Jan. 1992, Evaluation of Metals Data for the Contract Laboratory Program) was used as a technical reference.

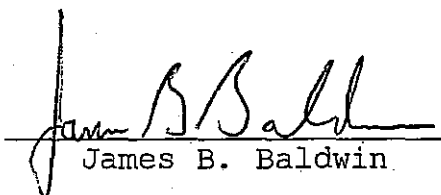
The selenium result reported from DSP-5 has been qualified as an estimation due to a low matrix spike recovery.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Reported concentrations that are felt to provide a usable estimation of the conditions being measured have been flagged "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin

Date:

14 Aug 04

SAMPLE HISTORY

Sample holding times are calculated between the time of sampling and the time of analysis. Mercury samples must be analyzed within 28 days of collection; the remaining metals within 180 days. Each sample delivery group, containing up to 20 samples, should include a field duplicate, a laboratory split duplicate, a matrix spiked sample, and a rinsate blank.

This sample delivery group contained one aqueous sample and a trip blank. The sample was collected on 02Jun04 and delivered to the laboratory the next afternoon. The sample was received intact. However, although the laboratory record indicates the sample was chilled, a cooler temperature of 9°C were recorded at the time of receipt. This error had no effect on metals data.

The analysis of each sample was completed within twenty-one days of receipt. Program holding time limitations were satisfied.

CALIBRATIONS

Calibration curves are constructed, using certified materials, to define the linear range of each analytical instrument. Beyond this range, measurements cannot be made with confidence. The calibration curve is immediately tested by analyzing an initial calibration verification standard (ICV). Continuing verifications (CCV) must bracket each group of up to ten samples. ICV and CCV recoveries must meet established criteria.

ICP calibrations were performed with a blank and one standard. The calibration for mercury was performed with a blank and five standards. The lowest standard in the curve approached CRDL. The mercury calibration curve demonstrated an acceptable degree of linearity.

Each instrument calibration was immediately verified by the analysis of an ICV standard. Continuing calibration checks were made following each group of 10 samples. Each calibration check that was used to bracket samples from this program satisfied the program acceptance criteria.

CONTRACT REQUIRED DETECTION LIMIT STANDARDS (CRDL)

To verify instrument linearity near CRDL, an ICP standard at a concentration of twice CRDL (CRI) is analyzed at the beginning and end of each analytical sequence. A standard equaling CRDL (CRA) must be included in each atomic adsorption sequence. CRDL standards must produce a recovery between 80% and 120%.

The CRDL results reported by the laboratory included an unacceptable recovery of chromium (79%). This performance, however, warrants no concern. DSP-5 was not associated with this low result. Data has been left unqualified.

BLANKS

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Preparation blanks are carried through the digestion process with each group of samples to evaluate general laboratory technique. Calibration blanks are run periodically to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

An initial blank (ICB) was analyzed following the calibration in each analytical sequence. Additional blanks were analyzed after every ten samples (CCB) and at the end of each sequence. Preparation blanks were digested, prior to analysis, with each group of samples. Each laboratory prepared blank that was associated with samples from this program was free of analyte contamination exceeding CRDL.

INTERFERENCE CHECK SAMPLE (ICS)

ICS standards are analyzed at the beginning and end of each ICP analysis sequence to verify background and inter-element correction factors. The recoveries of specified analytes are measured in the presence of interfering concentrations of aluminum, calcium, magnesium and iron.

Interference check standards, ICSA and ICSAB, were run at the beginning and end of each ICP analysis sequence. Each interference check standard that was used to bracket samples from this program produced recoveries within the range of acceptance, 80% - 120%.

PREDIGESTION SPIKE

The recovery of spike concentrations added to samples prior to digestion and analysis demonstrates measurement bias caused by sample matrix effects. Predigestion spikes must be recovered within control limits of 75% - 125%.

DSP-5 was selected for matrix spiking. The recoveries reported for the additions to this sample included a high recovery of arsenic (141%) and a low selenium recovery (70%). The positive bias affecting arsenic warrants no concern. Arsenic was not

detected in DSP-5. The selenium result reported from DSP-5 has been qualified as an estimation due to the low spike recovery.

DUPLICATES

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. Results produced by this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

Laboratory split duplicates of DSP-5 were processed with this group of samples. The concentrations obtained from this pair of samples differed by less than 20% RPD or PQL. An acceptable level of measurement precision was demonstrated.

Field split duplicates were not identified in this delivery group.

LABORATORY CONTROL STANDARD

Laboratory control samples are prepared by adding analytes to clean sand or reagent water. Analyte concentrations are then determined without interferences caused by sample matrix effects.

An aqueous LCS standard was digested and analyzed with this group of samples. Acceptable recoveries were reported for each targeted analyte.

ICP SERIAL DILUTION SAMPLE

Possible matrix effects are verified by the process of serial dilutions. Samples are diluted 1:5 to reduce matrix contributions that might bias measurements. The original sample result, and the corrected concentration of the diluted sample are compared. Sample data is qualified if the original concentrations are not recovered within 10%. Analytes with initial concentrations below 50 times IDL are not considered.

DSP-5 was prepared as a serial dilution. None of the analytes present in the undiluted aliquot of this sample, at a concentration exceeding 50 times IDL, differed from the diluted results by more than 10%. The program acceptance criteria was satisfied.

SUMMARY OF QUALIFIED DATA

NE Solite Site

Sampled June 2004

SPIKE
SELENIUM

DSP-5 (040604001-1)

UJ