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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS REPORT FOR FACILITY 177 BASE REALIGNMENT AND CLOSURE ZONE D INDUSTRIAL AND FLIGHT LINE AREA REVISION 1 NAS CECIL FIELD FL

3/1/1999

HARDING LAWSON ASSOCIATES

SAMPLING AND ANALYSIS REPORT

FACILITY 177

BASE REALIGNMENT AND CLOSURE

ZONE D, INDUSTRIAL AND FLIGHT LINE AREA

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

Unit Identification Code N60200

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Revision 1.0

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Zone D, Industrial and Flight Line Area
Naval Air Station Cecil Field, Jacksonville, Florida

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Zone D, Industrial and Flight Line Area
Naval Air Station Cecil Field, Jacksonville, Florida

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GLOSSARY

ABB-ES	ABB Environmental Services, Inc.
BRAC	Base Realignment and Closure
EBS	environmental baseline survey
ELCR	excess lifetime cancer risk
FDEP	Florida Department of Environmental Protection
HQ	hazard quotient
NAS	Naval Air Station
PCB	polychlorinated biphenyl
PRE	preliminary risk evaluation
PSC	potential source of contamination
RBC	risk-based concentration
SCTL	soil cleanup target level
TRPH	total recoverable petroleum hydrocarbons
USEPA	U.S. Environmental Protection Agency

1.0 INTRODUCTION

Harding Lawson Associates has completed the Phase II Sampling and Analysis program for Facility 72, at Naval Air Station (NAS) Cecil Field. This report summarizes the field operations, results, conclusions, and recommendations.

Facility 177 is referenced in the *Base Realignment and Closure (Act) Environmental Baseline Survey (EBS)* Report (ABB Environmental Services, Inc. [ABB-ES], 1994a) as the Arresting Gear Building, and is located at the edge of the east-west taxiway approximately 250 feet southwest of Building 82 (Figure 1). Facility 177 is a quonset hut with a concrete floor approximately 100 feet by 40 feet in size, constructed in 1943. It is used to store aircraft arresting gear reels and equipment, maintenance supplies, and tools. In addition, large quantities of drummed hydraulic oil and antifreeze are stored inside the building.

The building is surrounded by concrete and asphalt pavement except to the west, where the surface soil is exposed and thinly vegetated. A small petroleum, oil, and lubricant accumulation point and several flammable materials lockers are located a few feet south of the building on an asphalt apron. West of the petroleum, oils, and lubricant accumulation point, the ground is unpaved and planted over with grass. Line Shack 302 LN is adjacent to the west side of the building. The South Fuel Farm and Day Tank 2 (jet fuel tank) are approximately 800 feet northwest of Building 177.

Facility 177 was color-coded Gray in the EBS because of the potential for discharge of contaminants from arresting gear fluid maintenance activities, extensive areas of stressed vegetation west of Building 177 and the historical storage of large quantities of oils and solvents. Evidence of disposal of sandblasting grit was also observed in a subsequent site walkover.

A more detailed description of environmental concerns is presented in the Environmental Baseline Survey Report (ABB-ES, 1994a), and the Sampling and Analysis Outline for the assessment of surface soil at Facility 177 (ABB-ES 1995a).

2.0 PHASE II INVESTIGATION

The Phase II investigation initially included the collection and analysis of eight surface soil samples (35S00101 through 35S00801) to evaluate the potential for surface soil contamination in the area of stressed vegetation (Figure 2). One of the samples was located in an area where used blast media was observed. The samples were collected from 0 to 1 foot below land surface and were analyzed for target compound list organics, pesticides and polychlorinated biphenyl (PCBs), target analyte list inorganics, and total recoverable petroleum hydrocarbons (TRPH).

Twelve additional surface soil samples were subsequently collected and analyzed for specific contaminants detected during the initial sampling event (Figure 2). Sample 35S00901 was analyzed for benzo(a)pyrene and TRPH. Samples 35S01001 through 35S01201 were analyzed for benzo(a)pyrene only. Samples 35S01301 through

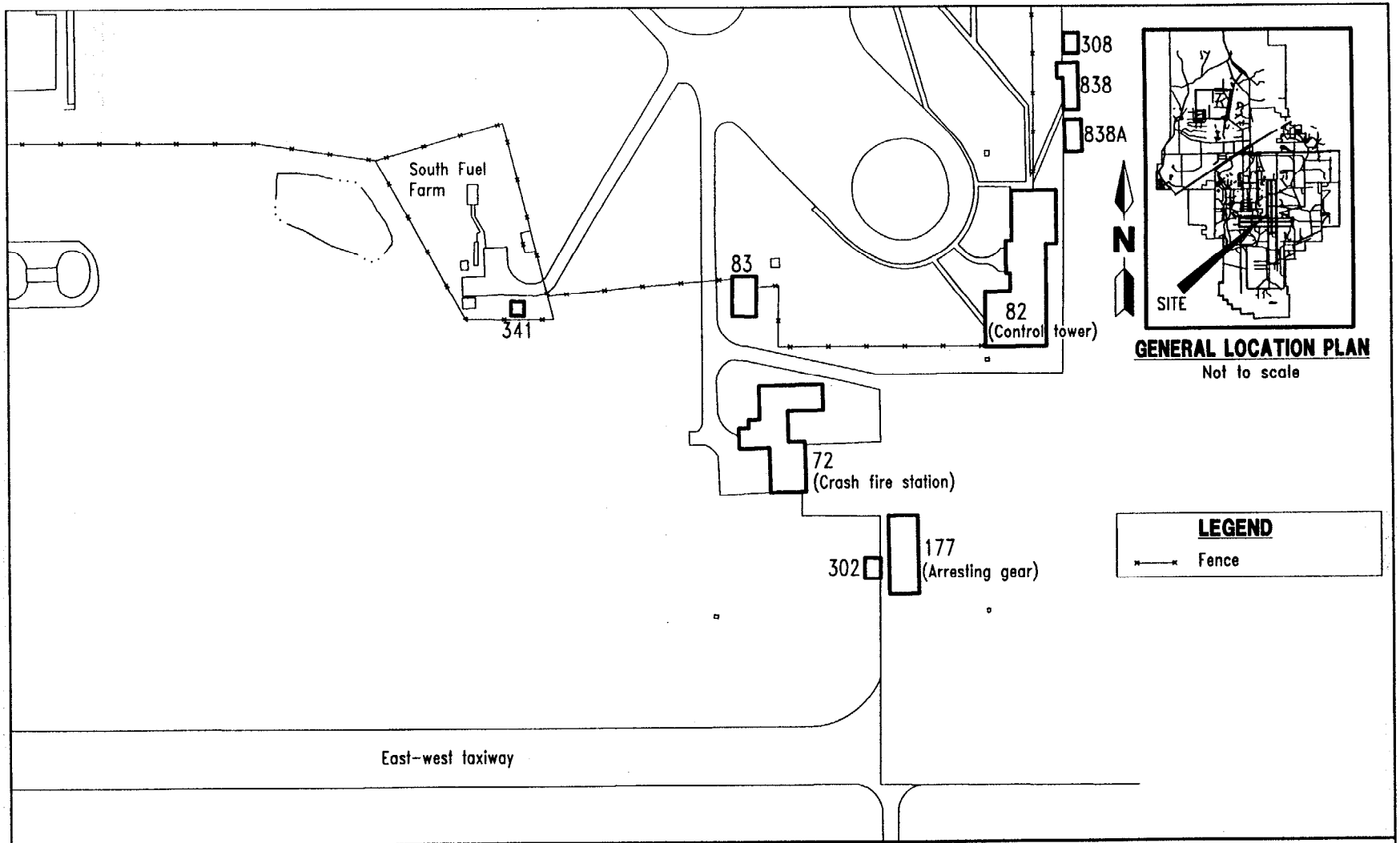

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FIGURE 1
FACILITY 177
SITE PLAN

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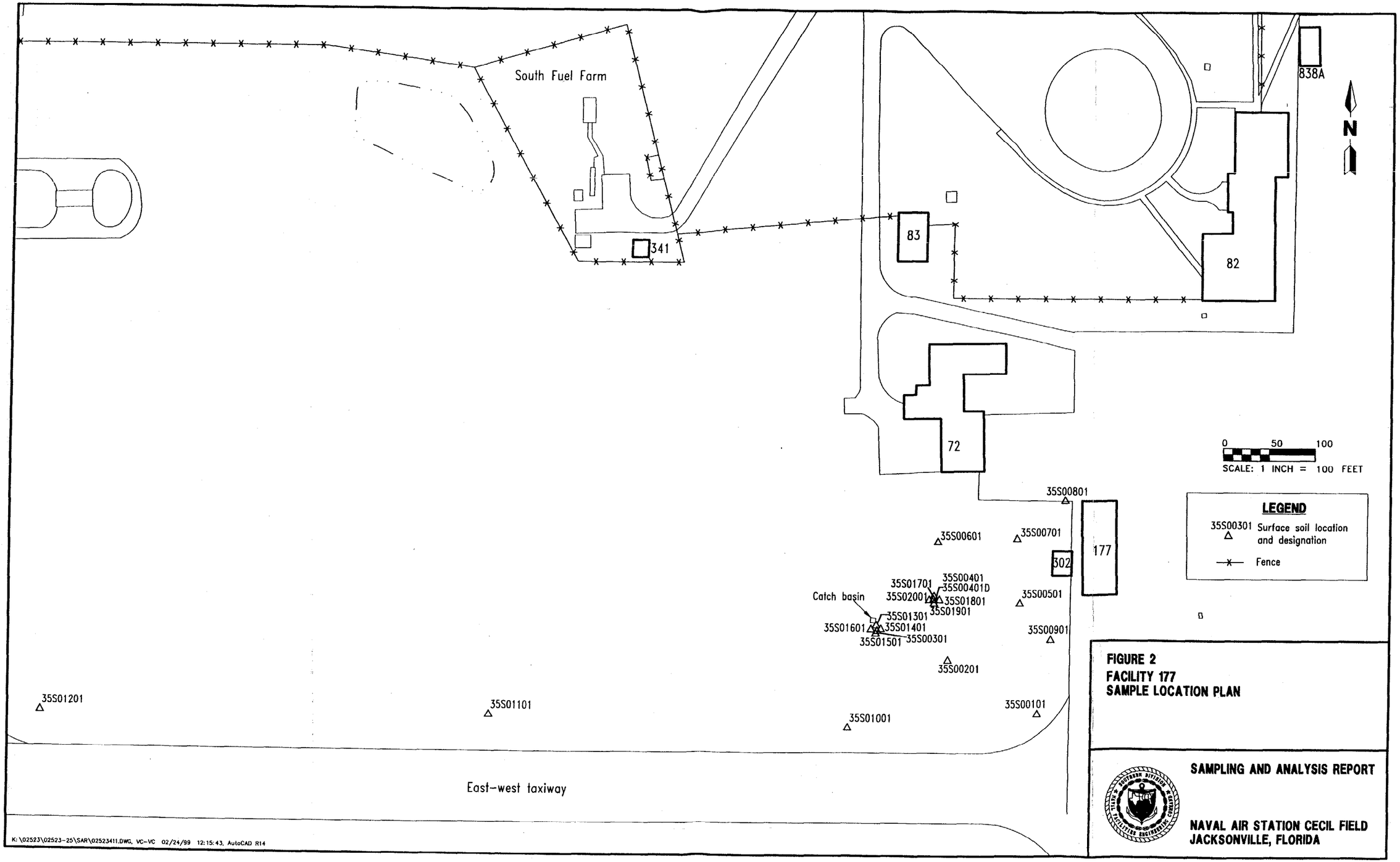

FIGURE 2
FACILITY 177
SAMPLE LOCATION PLAN

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NAVAL AIR STATION CECIL FIELD
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35S02001 were analyzed for arsenic, based upon a misinterpretation of results of analyses on the initial samples. Arsenic is not a contaminant of concern at the locations sampled.

Field activities were undertaken in general conformance with the Project Operations Plan (ABB-ES, 1994b). A site plan indicating the locations of soil samples is presented on Figure 1.

3.0 PUBLIC HEALTH PRELIMINARY RISK EVALUATION

A preliminary risk evaluation (PRE) was conducted to assess potential risks to human and ecological receptors posed by contaminants in surface soil. Primary exposure pathways were evaluated to determine which potentially contribute to human health and ecological risks. The evaluation was conducted in general conformance with methodology provided in the U.S. Environmental Protection Agency (USEPA) Region IV Memorandum "Amended Guidance on Preliminary Risk Evaluations (PREs) for the Purpose of Reaching a Finding of Suitability to Lease (FOSL)" (USEPA, 1994), USEPA Region IV bulletins on ecological risk assessment (USEPA, 1995), and minutes of meetings with the USEPA and the Florida Department of Environmental Protection (FDEP) concerning PREs (ABB-ES, 1995b).

3.1 PUBLIC HEALTH PRE. All detected analytes were compared to readily available risk-based screening values to assess the likelihood of adverse human health effects associated with potential exposure to surface soil. Risk-based screening values were obtained from USEPA Region III Risk-Based Concentrations (RBCs) (USEPA, 1998), and FDEP soil cleanup target levels (SCTL) (FDEP, 1998). Most screening values published in the references listed above are based on toxicity constants and standard human exposure scenarios, and correspond to fixed levels of risk. The designated level of risk for noncarcinogenic chemicals is based on a hazard quotient (HQ) of 1. The level of risk for carcinogenic chemicals is based on an excess lifetime cancer risk (ELCR) of 1×10^{-6}. Cancer and noncancer risks associated with industrial and residential land use are estimated by dividing the maximum detected analyte concentration by the corresponding USEPA Region III RBC value at the designated level of risk (ELCR of 1×10^{-6} or HQ of 1).

Inorganic analytes were compared to NAS Cecil Field screening criteria for inorganics established by the NAS Cecil Field partnering team. The NAS Cecil Field screening criteria were determined by using the nonparametric upper-outside value cutoffs as described in *Understanding Robust and Exploratory Data Analysis* (Hoaglin et al., 1983). These screening values were developed from data collected throughout NAS Cecil Field. No risk evaluation was conducted for inorganic analytes detected below NAS Cecil Field screening criteria for inorganics.

Nineteen inorganic analytes, 3 volatile organic compounds, 22 semivolatile organic compounds, 9 pesticide compounds, and 1 PCB compound were detected in surface soil samples collected and analyzed for Facility 177. Polynuclear aromatic hydrocarbon compounds were detected at concentrations in excess of SCTLs at seven sample locations. TRPH was detected at a concentrations in excess of the SCTL at one location. No other compounds or analytes were detected at concentrations in excess of SCTLs. An ELCR of 2.6×10^{-5} was calculated for a potential surface soil exposure scenario at this facility. A comparison between

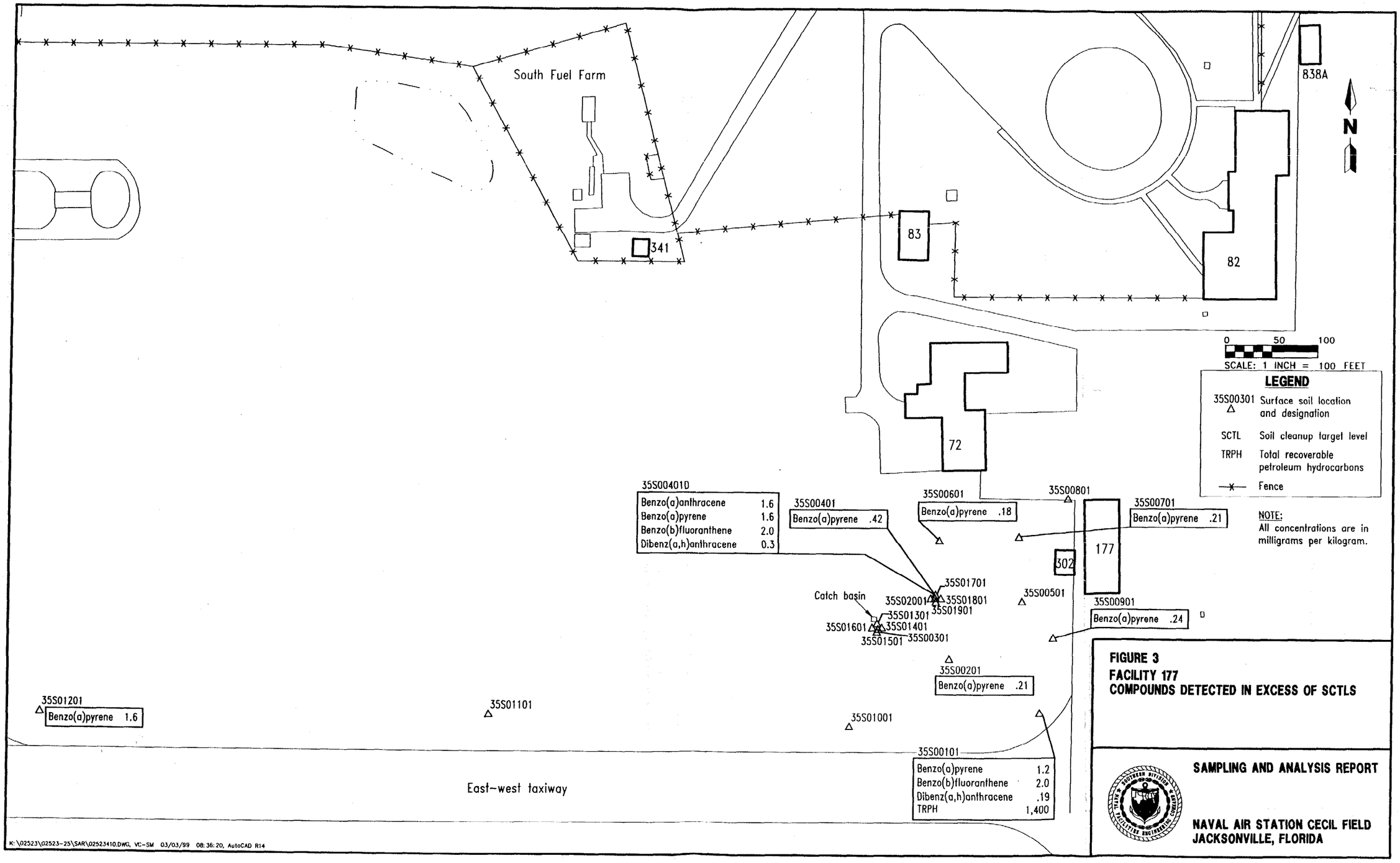

FIGURE 3
FACILITY 177
COMPOUNDS DETECTED IN EXCESS OF SCTLS

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concentrations of detected analytes in surface soil and RBCs for surface soil and SCTLs is presented in Appendix A. Figure 3 presents contaminants exceeding the SCTLs.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Contaminants have been detected at concentrations that exceed SCTLs for residential land use in surface soil samples collected in the vicinity of Facility 177. The extent of contaminants has not been delineated, and it is not been determined whether or not Facility 177 is the source of the contaminants. The BCT has designated the area of contaminated soil associated with Facility 177 as Potential Source of Contamination (PSC) 46. Information pertinent to the subsequent evaluation of soil contamination in this area will be presented in a technical memorandum for PSC 46. In addition, Facility 177 is within the area of investigation for Installation Restoration program Sites 36 and 37. Therefore, the color classification for Facility 177 should be changed to 5/Yellow until all additional requirements for evaluation and remediation of soil in the vicinity of Facility 177 and groundwater associated with Sites 36 and 37 have been completed.

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APPENDIX A

PRELIMINARY RISK EVALUATION TABLES

Preliminary Human Health Risk Evaluation Table for Analytes Detected in Surface Soil
Facility177, Naval Air Station Cecil Field

Analyte[1]	Maximum Detected Concentration	Screening Values BKGRD	SCTL	RBC(R)		Calculated Risk Values[2] ELCR	HQ	Sample Location with Maximum Detected Concentration
2-Butanone	0.002		4800	47000	n			35S00501
Acetone	0.014		770	7800	n			35S00501
Tetrachloroethene	0.006		10	12	c			35S00801
2-Methylnaphthalene	0.044		1500	0				35S00401D
Acenaphthene	0.2		2200	4700	n			35S00401D
Acenaphthylene	0.32		1100	0				35S00101
Anthracene	0.74		19000	23000	n			35S00401D
*Benzo (a) anthracene	1.6		1.4	0.88	c	1.8E-06		35S00401D
*Benzo (a) pyrene	1.6		0.1	0.088	c	1.8E-05		35S01201RE
*Benzo (b) fluoranthene	2		1.4	0.88	c	2.3E-06		35S00101
Benzo (g,h,i) perylene	1		2300	0				35S00101
Benzo (k) fluoranthene	0.86		15	8.8	c			35S00401D
Carbazole	0.55		53	32	c			35S00401D
Chrysene	1.6		140	88	c			35S00401D
Di-n-butylphthalate	0.068		110	7800	n			35S00501
*Dibenzo (a,h) anthracene	0.3		0.1	0.088	c	3.4E-06		35S00401D
Dibenzofuran	0.16		270	310	n			35S00401D
Fluoranthene	3		2800	3100	n			35S00401D
Fluorene	0.22		2100	3100	n			35S00401D
Indeno (1,2,3-cd) pyrene	0.83		1.5	0.88	c			35S00401D
Naphthalene	0.066		1000	3100	n			35S00401D
Phenanthrene	2.6		1900	0				35S00401D
Phenol	0.019		900	47000	n			35S00401
Pyrene	2.1		2200	2300	n			35S00401D
bis(2-Ethylhexyl) phthalate	0.36		75	46	c			35S00101
4,4-DDD	0.0045		4.5	2.7	c			35S00801
4,4-DDE	0.18		3.2	1.9	c			35S00401
4,4-DDT	0.19		3.2	1.9	c			35S00401
Aldrin	0.00049		0.06	0.038	c			35S00301
Aroclor-1260	0.5		0.6	0.083	c			35S00301
Dieldrin	0.00019		0.07	0.04	c			35S00701
Endrin	0.0012		21	23	n			35S00801
Heptachlor epoxide	0.00026		0.1	0.07	c			35S00801
alpha-Chlordane	0.0092		3	0.49	c			35S00801
gamma-Chlordane	0.0091		3	1.8	c			35S00801
Aluminum	5080	4432.5	72000	78000	n			35S00101
Arsenic	1.2	2.0375	0.8	0.43	c			35S00401D
Barium	88.5	14.4	105	5500	n			35S00201
Cadmium	0.68	1.715	75	39	n			35S00801
Calcium	88900	9.44						35S00101
Chromium	14	7.75	290	390	n			35S00401D
Cobalt	1.5	3.11	4700	4700	n			35S00401D
Copper	6	5.965	390	3100	n			35S00401D
Iron	2210	1486	23000	23000	n			35S00401D
Lead	52.8	196.9	500					35S00101
Magnesium	1060	328.65						35S00101
Manganese	79.2	21.95	1600	1600	n			35S00101
Nickel	3.6	3.89	105	1600	n			35S00401D
Potassium	414	101.8						35S00401D
Silver	0.48	2.13	390	390	n			35S00301
Sodium	235	343						35S00401D
Vanadium	8	6.3	15	550	n			35S00401D
Zinc	90.2	36.5	23000	23000	n			35S00101
Cyanide	0.48	1.185	30	7300	n			35S00101
*Total petroleum hydrocarbons	1400		350					35S00101
				Sum=		3.E-05		

Notes:

[1] All detected analytes are reported. Concentrations and screening values are expressed in mg/kg

[2] ELCR and HQ are only calculated for analytes detected at concentrations in excess of BKGRD and SCTL

* = Background screening criteria or SCTLs have been exceeded

BKGRD = NAS Cecil Field Inorganic Background Data Set

SCTL = Soil Cleanup Target Level, Chapter 62-785, Florida Administrative Code

RBC(R) = Risk-based Concentration (Residential), USEPA Region III, April 1998

c = carcinogenic risk

n = non-carcinogenic risk

ELCR = calculated excess lifetime cancer risk, based on RBC(R) values. (ELCR = detected concentration/RBC(R) * 1 E-06)

HQ = calculated Hazard Quotient for non-carcinogenic analytes (HQ = detected concentration/RBC(R))

APPENDIX B

ANALYTICAL LABORATORY DATA REPORT

NAS CECIL FIELD FACILITY 177
SURFACE SOIL -- VOLATILES -- REQUEST NO. 10751

Lab Sample Number:	C1T1N				C1T1V				C1T1X				C1T20			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	35S00101				35S00201				35S00301				35S00401			
Collect Date:	07-NOV-95				07-NOV-95				07-NOV-95				07-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Acetone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

NAS CECIL FIELD FACILITY 177
SURFACE SOIL -- VOLATILES -- REQUEST NO. 10751

Lab Sample Number:	C1T21				C1T22				C1T23				C1T24			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	35S00401D				35S00501				35S00601				35S00701			
Collect Date:	07-NOV-95				07-NOV-95				07-NOV-95				07-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Acetone	11	U	ug/kg	11	14		ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11	2	J	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- VOLATILES -- REQUEST NO. 10751

Lab Sample Number:	C1T25
Site	CECILBRAC2
Locator	35S00801
Collect Date:	07-NOV-95

	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11
Acetone	11	U	ug/kg	11
Carbon disulfide	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11
Benzene	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11
Tetrachloroethene	6	J	ug/kg	11
Toluene	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11
Styrene	11	U	ug/kg	11
Xylenes (total)	11	U	ug/kg	11

U = NOT DETECTED J = ESTIMATED VALUE
UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
R = RESULT IS REJECTED AND UNUSABLE

NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10752

Lab Sample Number:	C1T1N				C1T1V				C1T1X				C1T20			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	35S00101				35S00201				35S00301				35S00401			
Collect Date:	07-NOV-95				07-NOV-95				07-NOV-95				07-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	19	J	ug/kg	370
bis(2-Chloroethyl) ether	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Chlorophenol	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,3-Dichlorobenzene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,4-Dichlorobenzene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,2-Dichlorobenzene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Methylphenol	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Methylphenol	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachloroethane	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Nitrobenzene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Isophorone	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Nitrophenol	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dimethylphenol	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dichlorophenol	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,2,4-Trichlorobenzene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Naphthalene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Chloroaniline	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorobutadiene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Chloro-3-methylphenol	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Methylnaphthalene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorocyclopentadiene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4,6-Trichlorophenol	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4,5-Trichlorophenol	1700	U	ug/kg	1700	860	U	ug/kg	860	880	U	ug/kg	880	900	U	ug/kg	900
2-Chloronaphthalene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Nitroaniline	1700	U	ug/kg	1700	860	U	ug/kg	860	880	U	ug/kg	880	900	U	ug/kg	900
Dimethylphthalate	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Acenaphthylene	320	J	ug/kg	700	350	U	ug/kg	350	360	U	ug/kg	360	27	J	ug/kg	370
2,6-Dinitrotoluene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
3-Nitroaniline	1700	U	ug/kg	1700	860	U	ug/kg	860	880	U	ug/kg	880	900	U	ug/kg	900
Acenaphthene	46	J	ug/kg	700	350	U	ug/kg	350	360	U	ug/kg	360	34	J	ug/kg	370
2,4-Dinitrophenol	1700	U	ug/kg	1700	860	U	ug/kg	860	880	U	ug/kg	880	900	U	ug/kg	900
4-Nitrophenol	1700	U	ug/kg	1700	860	U	ug/kg	860	880	U	ug/kg	880	900	U	ug/kg	900
Dibenzofuran	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	24	J	ug/kg	370
2,4-Dinitrotoluene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Diethylphthalate	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Chlorophenyl-phenylether	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Fluorene	47	J	ug/kg	700	350	U	ug/kg	350	360	U	ug/kg	360	35	J	ug/kg	370
4-Nitroaniline	1700	U	ug/kg	1700	860	U	ug/kg	860	880	U	ug/kg	880	900	U	ug/kg	900
4,6-Dinitro-2-methylphenol	1700	U	ug/kg	1700	860	U	ug/kg	860	880	U	ug/kg	880	900	U	ug/kg	900
N-Nitrosodiphenylamine	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Bromophenyl-phenylether	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorobenzene	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Pentachlorophenol	1700	U	ug/kg	1700	860	U	ug/kg	860	880	U	ug/kg	880	900	U	ug/kg	900
Phenanthrene	690	J	ug/kg	700	38	J	ug/kg	350	36	J	ug/kg	360	520		ug/kg	370
Anthracene	150	J	ug/kg	700	350	U	ug/kg	350	360	U	ug/kg	360	140	J	ug/kg	370
Carbazole	120	J	ug/kg	700	350	U	ug/kg	350	360	U	ug/kg	360	110	J	ug/kg	370
Di-n-butylphthalate	54	J	ug/kg	700	67	J	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370

NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10752

Lab Sample Number:	C1T1N				C1T1V				C1T1X				C1T20			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	35S00101				35S00201				35S00301				35S00401			
Collect Date:	07-NOV-95				07-NOV-95				07-NOV-95				07-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluoranthene	1600		ug/kg	700	140	J	ug/kg	350	86	J	ug/kg	360	770		ug/kg	370
Pyrene	1300		ug/kg	700	120	J	ug/kg	350	65	J	ug/kg	360	560		ug/kg	370
Butylbenzylphthalate	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
3,3-Dichlorobenzidine	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (a) anthracene	900		ug/kg	700	110	J	ug/kg	350	38	J	ug/kg	360	410		ug/kg	370
Chrysene	1200		ug/kg	700	160	J	ug/kg	350	53	J	ug/kg	360	390		ug/kg	370
bis(2-Ethylhexyl) phthalate	360	J	ug/kg	700	50	J	ug/kg	350	44	J	ug/kg	360	51	J	ug/kg	370
Di-n-octylphthalate	710	U	ug/kg	710	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (b) fluoranthene	2000		ug/kg	700	270	J	ug/kg	350	48	J	ug/kg	360	580		ug/kg	370
Benzo (k) fluoranthene	650	J	ug/kg	700	100	J	ug/kg	350	26	J	ug/kg	360	170	J	ug/kg	370
Benzo (a) pyrene	1200		ug/kg	700	210	J	ug/kg	350	37	J	ug/kg	360	420		ug/kg	370
Indeno (1,2,3-cd) pyrene	750		ug/kg	700	160	J	ug/kg	350	22	J	ug/kg	360	260	J	ug/kg	370
Dibenzo (a,h) anthracene	190	J	ug/kg	700	52	J	ug/kg	350	360	U	ug/kg	360	90	J	ug/kg	370
Benzo (g,h,i) perylene	1000		ug/kg	700	240	J	ug/kg	350	39	J	ug/kg	360	350	J	ug/kg	370

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NAS CECIL FIELD FACILITY 177
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10752

Lab Sample Number:	C1T21				C1T22				C1T23				C1T24			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	35S00401D				35S00501				35S00601				35S00701			
Collect Date:	07-NOV-95				07-NOV-95				07-NOV-95				07-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
bis(2-Chloroethyl) ether	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2-Chlorophenol	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
1,3-Dichlorobenzene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
1,4-Dichlorobenzene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
1,2-Dichlorobenzene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2-Methylphenol	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
4-Methylphenol	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Hexachloroethane	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Nitrobenzene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Isophorone	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2-Nitrophenol	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2,4-Dimethylphenol	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2,4-Dichlorophenol	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
1,2,4-Trichlorobenzene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Naphthalene	66	J	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
4-Chloroaniline	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Hexachlorobutadiene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
4-Chloro-3-methylphenol	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2-Methylnaphthalene	44	J	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Hexachlorocyclopentadiene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2,4,6-Trichlorophenol	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2,4,5-Trichlorophenol	1800	U	ug/kg	1800	850	U	ug/kg	850	860	U	ug/kg	860	870	U	ug/kg	870
2-Chloronaphthalene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2-Nitroaniline	1800	U	ug/kg	1800	850	U	ug/kg	850	860	U	ug/kg	860	870	U	ug/kg	870
Dimethylphthalate	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Acenaphthylene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2,6-Dinitrotoluene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
3-Nitroaniline	1800	U	ug/kg	1800	850	U	ug/kg	850	860	U	ug/kg	860	870	U	ug/kg	870
Acenaphthene	200	J	ug/kg	730	350	U	ug/kg	350	53	J	ug/kg	350	360	U	ug/kg	360
2,4-Dinitrophenol	1800	U	ug/kg	1800	850	U	ug/kg	850	860	U	ug/kg	860	870	U	ug/kg	870
4-Nitrophenol	1800	U	ug/kg	1800	850	U	ug/kg	850	860	U	ug/kg	860	870	U	ug/kg	870
Dibenzofuran	160	J	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
2,4-Dinitrotoluene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Diethylphthalate	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
4-Chlorophenyl-phenylether	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Fluorene	220	J	ug/kg	730	350	U	ug/kg	350	41	J	ug/kg	350	360	U	ug/kg	360

NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10752

Lab Sample Number:	C1T21				C1T22				C1T23				C1T24			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	35S00401D				35S00501				35S00601				35S00701			
Collect Date:	07-NOV-95				07-NOV-95				07-NOV-95				07-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	1800	U	ug/kg	1800	850	U	ug/kg	850	860	U	ug/kg	860	870	U	ug/kg	870
4,6-Dinitro-2-methylphenol	1800	U	ug/kg	1800	850	U	ug/kg	850	860	U	ug/kg	860	870	U	ug/kg	870
N-Nitrosodiphenylamine	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
4-Bromophenyl-phenylether	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Hexachlorobenzene	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Pentachlorophenol	1800	U	ug/kg	1800	850	U	ug/kg	850	860	U	ug/kg	860	870	U	ug/kg	870
Phenanthrene	2600		ug/kg	730	350	U	ug/kg	350	550		ug/kg	350	29	J	ug/kg	350
Anthracene	740		ug/kg	730	350	U	ug/kg	350	72	J	ug/kg	350	360	U	ug/kg	360
Carbazole	550	J	ug/kg	730	350	U	ug/kg	350	37	J	ug/kg	350	360	U	ug/kg	360
Di-n-butylphthalate	40	J	ug/kg	730	68	J	ug/kg	350	350	U	ug/kg	350	35	J	ug/kg	350
Fluoranthene	3000		ug/kg	730	350	U	ug/kg	350	520		ug/kg	350	180	J	ug/kg	350
Pyrene	2100		ug/kg	730	350	U	ug/kg	350	370		ug/kg	350	170	J	ug/kg	350
Butylbenzylphthalate	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
3,3-Dichlorobenzidine	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (a) anthracene	1600		ug/kg	730	350	U	ug/kg	350	130	J	ug/kg	350	140	J	ug/kg	350
Chrysene	1600		ug/kg	730	350	U	ug/kg	350	190	J	ug/kg	350	200	J	ug/kg	350
bis(2-Ethylhexyl) phthalate	77	J	ug/kg	730	170	J	ug/kg	350	350	U	ug/kg	350	220	J	ug/kg	350
Di-n-octylphthalate	730	U	ug/kg	730	350	U	ug/kg	350	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (b) fluoranthene	2000		ug/kg	730	350	U	ug/kg	350	220	J	ug/kg	350	270	J	ug/kg	350
Benzo (k) fluoranthene	860		ug/kg	730	350	U	ug/kg	350	80	J	ug/kg	350	99	J	ug/kg	350
Benzo (a) pyrene	1500		ug/kg	730	350	U	ug/kg	350	180	J	ug/kg	350	200	J	ug/kg	350
Indeno (1,2,3-cd) pyrene	830		ug/kg	730	350	U	ug/kg	350	110	J	ug/kg	350	180	J	ug/kg	350
Dibenzo (a,h) anthracene	300	J	ug/kg	730	350	U	ug/kg	350	44	J	ug/kg	350	49	J	ug/kg	350
Benzo (g,h,i) perylene	1000		ug/kg	730	350	U	ug/kg	350	170	J	ug/kg	350	280	J	ug/kg	350

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

NAS CECIL FIELD FACILITY 177
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10752

Lab Sample Number:	C1T25
Site	CECILBRAC2
Locator	35S00801
Collect Date:	07-NOV-95

	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW				
Phenol	350	U	ug/kg	350
bis(2-Chloroethyl) ether	350	U	ug/kg	350
2-Chlorophenol	350	U	ug/kg	350
1,3-Dichlorobenzene	350	U	ug/kg	350
1,4-Dichlorobenzene	350	U	ug/kg	350
1,2-Dichlorobenzene	350	U	ug/kg	350
2-Methylphenol	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350
4-Methylphenol	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	350	U	ug/kg	350
Hexachloroethane	350	U	ug/kg	350
Nitrobenzene	350	U	ug/kg	350
Isophorone	350	U	ug/kg	350
2-Nitrophenol	350	U	ug/kg	350
2,4-Dimethylphenol	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	350	U	ug/kg	350
2,4-Dichlorophenol	350	U	ug/kg	350
1,2,4-Trichlorobenzene	350	U	ug/kg	350
Naphthalene	350	U	ug/kg	350
4-Chloroaniline	350	U	ug/kg	350
Hexachlorobutadiene	350	U	ug/kg	350
4-Chloro-3-methylphenol	350	U	ug/kg	350
2-Methylnaphthalene	40	J	ug/kg	350
Hexachlorocyclopentadiene	350	U	ug/kg	350
2,4,6-Trichlorophenol	350	U	ug/kg	350
2,4,5-Trichlorophenol	850	U	ug/kg	850
2-Chloronaphthalene	350	U	ug/kg	350
2-Nitroaniline	850	U	ug/kg	850
Dimethylphthalate	350	U	ug/kg	350
Acenaphthylene	350	U	ug/kg	350
2,6-Dinitrotoluene	350	U	ug/kg	350
3-Nitroaniline	850	U	ug/kg	850
Acenaphthene	350	U	ug/kg	350
2,4-Dinitrophenol	850	U	ug/kg	850
4-Nitrophenol	850	U	ug/kg	850
Dibenzofuran	350	U	ug/kg	350
2,4-Dinitrotoluene	350	U	ug/kg	350
Diethylphthalate	350	U	ug/kg	350
4-Chlorophenyl-phenylether	350	U	ug/kg	350
Fluorene	350	U	ug/kg	350

NAS CECIL FIELD FACILITY 177
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10752

Lab Sample Number:	C1T25			
Site	CECILBRAC2			
Locator	35S00801			
Collect Date:	07-NOV-95			
	VALUE	QUAL	UNITS	DL
4-Nitroaniline	850	U	ug/kg	850
4,6-Dinitro-2-methylphenol	850	U	ug/kg	850
N-Nitrosodiphenylamine	350	U	ug/kg	350
4-Bromophenyl-phenylether	350	U	ug/kg	350
Hexachlorobenzene	350	U	ug/kg	350
Pentachlorophenol	850	U	ug/kg	850
Phenanthrene	350	U	ug/kg	350
Anthracene	350	U	ug/kg	350
Carbazole	350	U	ug/kg	350
Di-n-butylphthalate	350	U	ug/kg	350
Fluoranthene	34	J	ug/kg	350
Pyrene	33	J	ug/kg	350
Butylbenzylphthalate	350	U	ug/kg	350
3,3-Dichlorobenzidine	350	U	ug/kg	350
Benzo (a) anthracene	34	J	ug/kg	350
Chrysene	43	J	ug/kg	350
bis(2-Ethylhexyl) phthalate	22	J	ug/kg	350
Di-n-octylphthalate	350	U	ug/kg	350
Benzo (b) fluoranthene	120	J	ug/kg	350
Benzo (k) fluoranthene	31	J	ug/kg	350
Benzo (a) pyrene	85	J	ug/kg	350
Indeno (1,2,3-cd) pyrene	71	J	ug/kg	350
Dibenzo (a,h) anthracene	22	J	ug/kg	350
Benzo (g,h,i) perylene	130	J	ug/kg	350

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NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- Benzo (a) pyrene -- REQUEST NO. 10756

Lab Sample Number:	C892D				C892C				C892A				C8929			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	35S00901				35S01001				35S01101				35S01201			
Collect Date:	18-FEB-97				18-FEB-97				18-FEB-97				18-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Benzo (a) pyrene	240	J	ug/kg	360	62	J	ug/kg	360	350	U	ug/kg	350	1400		ug/kg	350

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NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- Benzo (a) pyrene -- REQUEST NO. 10756

Lab Sample Number:		C8929RE		
Site		CECILBRAC3		
Locator		35S01201RE		
Collect Date:		18-FEB-97		
	VALUE	QUAL UNITS		DL
Benzo (a) pyrene	1600		ug/kg	350

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NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10753

Lab Sample Number:	C1T1N				C1T1V				C1T1X				C1T20			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	35S00101				35S00201				35S00301				35S00401			
Collect Date:	07-NOV-95				07-NOV-95				07-NOV-95				07-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.8	U	ug/kg	1.8	8.9	U	ug/kg	8.9	3.7	U	ug/kg	3.7	9.4	U	ug/kg	9.4
beta-BHC	1.8	U	ug/kg	1.8	8.9	U	ug/kg	8.9	3.7	U	ug/kg	3.7	9.4	U	ug/kg	9.4
delta-BHC	1.8	U	ug/kg	1.8	8.9	U	ug/kg	8.9	3.7	U	ug/kg	3.7	9.4	U	ug/kg	9.4
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	8.9	U	ug/kg	8.9	3.7	U	ug/kg	3.7	9.4	U	ug/kg	9.4
Heptachlor	1.8	U	ug/kg	1.8	8.9	U	ug/kg	8.9	3.7	U	ug/kg	3.7	9.4	U	ug/kg	9.4
Aldrin	1.8	U	ug/kg	1.8	8.9	U	ug/kg	8.9	.49	J	ug/kg	4	9.4	U	ug/kg	9.4
Heptachlor epoxide	1.8	U	ug/kg	1.8	8.9	U	ug/kg	8.9	3.7	U	ug/kg	3.7	9.4	U	ug/kg	9.4
Endosulfan I	1.8	U	ug/kg	1.8	8.9	U	ug/kg	8.9	3.7	U	ug/kg	3.7	9.4	U	ug/kg	9.4
Dieldrin	.1	J	ug/kg	4	18	U	ug/kg	18	7.3	U	ug/kg	7.3	19	U	ug/kg	19
4,4-DDE	.17	J	ug/kg	4	150		ug/kg	18	7.3	U	ug/kg	7.3	180		ug/kg	18
Endrin	3.6	U	ug/kg	3.6	18	U	ug/kg	18	7.3	U	ug/kg	7.3	19	U	ug/kg	19
Endosulfan II	3.6	U	ug/kg	3.6	18	U	ug/kg	18	7.3	U	ug/kg	7.3	19	U	ug/kg	19
4,4-DDD	3	J	ug/kg	4	18	U	ug/kg	18	7.3	U	ug/kg	7.3	19	U	ug/kg	19
Endosulfan sulfate	3.6	U	ug/kg	3.6	18	U	ug/kg	18	7.3	U	ug/kg	7.3	19	U	ug/kg	19
4,4-DDT	4.3		ug/kg	4	170		ug/kg	18	7.3	U	ug/kg	7.3	190		ug/kg	18
Methoxychlor	18	U	ug/kg	18	89	U	ug/kg	89	37	U	ug/kg	37	94	U	ug/kg	94
Endrin ketone	3.6	U	ug/kg	3.6	18	U	ug/kg	18	7.3	U	ug/kg	7.3	19	U	ug/kg	19
Endrin aldehyde	3.6	U	ug/kg	3.6	18	U	ug/kg	18	7.3	U	ug/kg	7.3	19	U	ug/kg	19
alpha-Chlordane	1.8	U	ug/kg	1.8	8.9	U	ug/kg	8.9	3.7	U	ug/kg	3.7	9.4	U	ug/kg	9.4
gamma-Chlordane	1.8	U	ug/kg	1.8	8.9	U	ug/kg	8.9	3.7	U	ug/kg	3.7	9.4	U	ug/kg	9.4
Toxaphene	180	U	ug/kg	180	890	U	ug/kg	890	370	U	ug/kg	370	940	U	ug/kg	940
Aroclor-1016	36	U	ug/kg	36	180	U	ug/kg	180	73	U	ug/kg	73	190	U	ug/kg	190
Aroclor-1221	71	U	ug/kg	71	360	U	ug/kg	360	150	U	ug/kg	150	370	U	ug/kg	370
Aroclor-1232	36	U	ug/kg	36	180	U	ug/kg	180	73	U	ug/kg	73	190	U	ug/kg	190
Aroclor-1242	36	U	ug/kg	36	180	U	ug/kg	180	73	U	ug/kg	73	190	U	ug/kg	190
Aroclor-1248	36	U	ug/kg	36	180	U	ug/kg	180	73	U	ug/kg	73	190	U	ug/kg	190
Aroclor-1254	36	U	ug/kg	36	180	U	ug/kg	180	73	U	ug/kg	73	190	U	ug/kg	190
Aroclor-1260	36	U	ug/kg	36	180	U	ug/kg	180	500		ug/kg	72	190	U	ug/kg	190

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NAS CECIL FIELD FACILITY 177
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10753

Lab Sample Number:	C1T21			C1T22			C1T23			C1T24		
Site	CECILBRAC2			CECILBRAC2			CECILBRAC2			CECILBRAC2		
Locator	35S00401D			35S00501			35S00601			35S00701		
Collect Date:	07-NOV-95			07-NOV-95			07-NOV-95			07-NOV-95		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	3.7 U	ug/kg	3.7	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8
beta-BHC	3.7 U	ug/kg	3.7	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8
delta-BHC	3.7 U	ug/kg	3.7	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8
gamma-BHC (Lindane)	3.7 U	ug/kg	3.7	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8
Heptachlor	3.7 U	ug/kg	3.7	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8
Aldrin	3.7 U	ug/kg	3.7	.36 J	ug/kg	2	.39 J	ug/kg	2	.47 J	ug/kg	2
Heptachlor epoxide	3.7 U	ug/kg	3.7	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8
Endosulfan I	3.7 U	ug/kg	3.7	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8
Dieldrin	7.4 U	ug/kg	7.4	3.5 U	ug/kg	3.5	3.6 U	ug/kg	3.6	.19 J	ug/kg	4
4,4-DDE	100	ug/kg	7	1.7 J	ug/kg	3	.23 J	ug/kg	4	10	ug/kg	4
Endrin	7.4 U	ug/kg	7.4	3.5 U	ug/kg	3.5	3.6 U	ug/kg	3.6	3.6 U	ug/kg	3.6
Endosulfan II	7.4 U	ug/kg	7.4	3.5 U	ug/kg	3.5	3.6 U	ug/kg	3.6	3.6 U	ug/kg	3.6
4,4-DDD	7.4 U	ug/kg	7.4	3.5 U	ug/kg	3.5	3.6 U	ug/kg	3.6	3.6 U	ug/kg	3.6
Endosulfan sulfate	7.4 U	ug/kg	7.4	3.5 U	ug/kg	3.5	3.6 U	ug/kg	3.6	3.6 U	ug/kg	3.6
4,4-DDT	76	ug/kg	7	1.1 J	ug/kg	3	1.3 J	ug/kg	4	32	ug/kg	4
Methoxychlor	37 U	ug/kg	37	18 U	ug/kg	18	18 U	ug/kg	18	18 U	ug/kg	18
Endrin ketone	7.4 U	ug/kg	7.4	3.5 U	ug/kg	3.5	3.6 U	ug/kg	3.6	3.6 U	ug/kg	3.6
Endrin aldehyde	7.4 U	ug/kg	7.4	3.5 U	ug/kg	3.5	3.6 U	ug/kg	3.6	3.6 U	ug/kg	3.6
alpha-Chlordane	3.7 U	ug/kg	3.7	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8
gamma-Chlordane	3.7 U	ug/kg	3.7	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8	1.8 U	ug/kg	1.8
Toxaphene	370 U	ug/kg	370	180 U	ug/kg	180	180 U	ug/kg	180	180 U	ug/kg	180
Aroclor-1016	74 U	ug/kg	74	35 U	ug/kg	35	36 U	ug/kg	36	36 U	ug/kg	36
Aroclor-1221	150 U	ug/kg	150	71 U	ug/kg	71	72 U	ug/kg	72	72 U	ug/kg	72
Aroclor-1232	74 U	ug/kg	74	35 U	ug/kg	35	36 U	ug/kg	36	36 U	ug/kg	36
Aroclor-1242	74 U	ug/kg	74	35 U	ug/kg	35	36 U	ug/kg	36	36 U	ug/kg	36
Aroclor-1248	74 U	ug/kg	74	35 U	ug/kg	35	36 U	ug/kg	36	36 U	ug/kg	36
Aroclor-1254	74 U	ug/kg	74	35 U	ug/kg	35	36 U	ug/kg	36	36 U	ug/kg	36
Aroclor-1260	74 U	ug/kg	74	35 U	ug/kg	35	36 U	ug/kg	36	36 U	ug/kg	36

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NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10753

Lab Sample Number:	C1T25
Site	CECILBRAC2
Locator	35S00801
Collect Date:	07-NOV-95

	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW				
alpha-BHC	1.8	U	ug/kg	1.8
beta-BHC	1.8	U	ug/kg	1.8
delta-BHC	1.8	U	ug/kg	1.8
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8
Heptachlor	1.8	U	ug/kg	1.8
Aldrin	1.8	U	ug/kg	1.8
Heptachlor epoxide	.26	J	ug/kg	2
Endosulfan I	1.8	U	ug/kg	1.8
Dieldrin	3.5	U	ug/kg	3.5
4,4-DDE	3.5	U	ug/kg	3.5
Endrin	1.2	J	ug/kg	4
Endosulfan II	3.5	U	ug/kg	3.5
4,4-DDD	4.5		ug/kg	4
Endosulfan sulfate	3.5	U	ug/kg	3.5
4,4-DDT	3.5	U	ug/kg	3.5
Methoxychlor	18	U	ug/kg	18
Endrin ketone	3.5	U	ug/kg	3.5
Endrin aldehyde	3.5	U	ug/kg	3.5
alpha-Chlordane	9.2		ug/kg	2
gamma-Chlordane	9.1		ug/kg	2
Toxaphene	180	U	ug/kg	180
Aroclor-1016	35	U	ug/kg	35
Aroclor-1221	71	U	ug/kg	71
Aroclor-1232	35	U	ug/kg	35
Aroclor-1242	35	U	ug/kg	35
Aroclor-1248	35	U	ug/kg	35
Aroclor-1254	35	U	ug/kg	35
Aroclor-1260	35	U	ug/kg	35

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NAS CECIL FIELD FACILITY 177
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10754

Lab Sample Number:	C1T1N				C1T1V				C1T1X				C1T20			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	35S00101				35S00201				35S00301				35S00401			
Collect Date:	07-NOV-95				07-NOV-95				07-NOV-95				07-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	5080		mg/kg	40	2780		mg/kg	40	4290		mg/kg	40	4240		mg/kg	40
Antimony	.86	U	mg/kg	12	.86	U	mg/kg	12	.88	U	mg/kg	12	.9	U	mg/kg	12
Arsenic	.64	U	mg/kg	2	.64	U	mg/kg	2	.72	J	mg/kg	2	.67	U	mg/kg	2
Barium	23.8	J	mg/kg	40	88.5		mg/kg	40	16.9	J	mg/kg	40	15	J	mg/kg	40
Beryllium	.21	U	mg/kg	1	.21	U	mg/kg	1	.22	U	mg/kg	1	.22	U	mg/kg	1
Cadmium	.52	J	mg/kg	1	.21	U	mg/kg	1	.22	U	mg/kg	1	.22	U	mg/kg	1
Calcium	88900		mg/kg	1000	24700		mg/kg	1000	2440		mg/kg	1000	17000		mg/kg	1000
Chromium	11		mg/kg	2	4.2		mg/kg	2	3.8		mg/kg	2	9.5		mg/kg	2
Cobalt	.52	J	mg/kg	10	.21	U	mg/kg	10	.22	U	mg/kg	10	.88	J	mg/kg	10
Copper	5.4		mg/kg	5	2.3	J	mg/kg	5	2	J	mg/kg	5	4.8	J	mg/kg	5
Iron	1210		mg/kg	20	276		mg/kg	20	519		mg/kg	20	1430		mg/kg	20
Lead	52.8		mg/kg	.6	10.5		mg/kg	.6	6		mg/kg	.6	17.9		mg/kg	.6
Magnesium	1060	J	mg/kg	1000	230	J	mg/kg	1000	87.1	J	mg/kg	1000	303	J	mg/kg	1000
Manganese	79.2		mg/kg	3	7.2		mg/kg	3	3.1	J	mg/kg	3	12.5		mg/kg	3
Mercury	.11	U	mg/kg	.1	.11	U	mg/kg	.1	.11	U	mg/kg	.1	.11	U	mg/kg	.1
Nickel	3	J	mg/kg	8	.93	J	mg/kg	8	2.1	J	mg/kg	8	2.7	J	mg/kg	8
Potassium	297	J	mg/kg	1000	24	J	mg/kg	1000	31.7	J	mg/kg	1000	212	J	mg/kg	1000
Selenium	.86	U	mg/kg	1	.86	U	mg/kg	1	.88	U	mg/kg	1	.9	U	mg/kg	1
Silver	.21	U	mg/kg	2	.21	U	mg/kg	2	.48	J	mg/kg	2	.22	U	mg/kg	2
Sodium	214	J	mg/kg	1000	158	J	mg/kg	1000	171	J	mg/kg	1000	179	J	mg/kg	1000
Thallium	.64	U	mg/kg	2	.64	U	mg/kg	2	.66	U	mg/kg	2	.67	U	mg/kg	2
Vanadium	6.4	J	mg/kg	10	2.7	J	mg/kg	10	2.7	J	mg/kg	10	5.7	J	mg/kg	10
Zinc	90.2		mg/kg	4	16.8		mg/kg	4	18.1		mg/kg	4	20.3		mg/kg	4
Cyanide	.48	J	mg/kg	.5	.1	U	mg/kg	.5	.12	U	mg/kg	.5	.1	U	mg/kg	.5

U = NOT DETECTED J = ESTIMATED VALUE
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R = RESULT IS REJECTED AND UNUSABLE

NAS CECIL FIELD FACILITY 177
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10754

Lab Sample Number:	C1T21				C1T22				C1T23				C1T24			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	35S00401D				35S00501				35S00601				35S00701			
Collect Date:	07-NOV-95				07-NOV-95				07-NOV-95				07-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	5040		mg/kg	40	2730		mg/kg	40	3190		mg/kg	40	2890		mg/kg	40
Antimony	.89	U	mg/kg	12	.85	U	mg/kg	12	.86	U	mg/kg	12	.87	U	mg/kg	12
Arsenic	1.2	J	mg/kg	2	.64	U	mg/kg	2	.65	U	mg/kg	2	.65	U	mg/kg	2
Barium	27.6	J	mg/kg	40	21.6	J	mg/kg	40	3.3	J	mg/kg	40	6.6	J	mg/kg	40
Beryllium	.22	U	mg/kg	1	.21	U	mg/kg	1	.22	U	mg/kg	1	.22	U	mg/kg	1
Cadmium	.22	U	mg/kg	1	.21	U	mg/kg	1	.22	U	mg/kg	1	.22	U	mg/kg	1
Calcium	16700		mg/kg	1000	5230		mg/kg	1000	11400		mg/kg	1000	5700		mg/kg	1000
Chromium	14		mg/kg	2	2.1		mg/kg	2	4.8		mg/kg	2	5.5		mg/kg	2
Cobalt	1.5	J	mg/kg	10	.21	J	mg/kg	10	.22	U	mg/kg	10	.22	U	mg/kg	10
Copper	6		mg/kg	5	.61	J	mg/kg	5	.56	J	mg/kg	5	.25	J	mg/kg	5
Iron	2210		mg/kg	20	225		mg/kg	20	250		mg/kg	20	584		mg/kg	20
Lead	26.2		mg/kg	.6	9.3		mg/kg	.6	2.7		mg/kg	.6	12.1		mg/kg	.6
Magnesium	417	J	mg/kg	1000	711	J	mg/kg	1000	117	J	mg/kg	1000	127	J	mg/kg	1000
Manganese	17		mg/kg	3	11.7		mg/kg	3	2.1	J	mg/kg	3	6.3		mg/kg	3
Mercury	.11	U	mg/kg	.1	.11	U	mg/kg	.1	.11	U	mg/kg	.1	.11	U	mg/kg	.1
Nickel	3.6	J	mg/kg	8	1.2	J	mg/kg	8	1	J	mg/kg	8	1.6	J	mg/kg	8
Potassium	414	J	mg/kg	1000	55.5	J	mg/kg	1000	22.6	J	mg/kg	1000	40	J	mg/kg	1000
Selenium	.89	U	mg/kg	1	.85	U	mg/kg	1	.86	U	mg/kg	1	.87	U	mg/kg	1
Silver	.22	U	mg/kg	2	.21	U	mg/kg	2	.22	U	mg/kg	2	.22	U	mg/kg	2
Sodium	235	J	mg/kg	1000	144	J	mg/kg	1000	168	J	mg/kg	1000	154	J	mg/kg	1000
Thallium	.67	U	mg/kg	2	.64	U	mg/kg	2	.65	U	mg/kg	2	.65	U	mg/kg	2
Vanadium	8	J	mg/kg	10	1.5	J	mg/kg	10	2.4	J	mg/kg	10	2.9	J	mg/kg	10
Zinc	29.8		mg/kg	4	2	J	mg/kg	4	4.4		mg/kg	4	7.5		mg/kg	4
Cyanide	.11	U	mg/kg	.5	.1	U	mg/kg	.5	.11	U	mg/kg	.5	.1	U	mg/kg	.5

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NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10754

Lab Sample Number:	C1T25			
Site	CECILBRAC2			
Locator	35S00801			
Collect Date:	07-NOV-95			
	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	2580		mg/kg	40
Antimony	.85	U	mg/kg	12
Arsenic	.64	U	mg/kg	2
Barium	10.5	J	mg/kg	40
Beryllium	.21	U	mg/kg	1
Cadmium	.68	J	mg/kg	1
Calcium	53700		mg/kg	1000
Chromium	5.8		mg/kg	2
Cobalt	.59	J	mg/kg	10
Copper	5.9		mg/kg	5
Iron	1140		mg/kg	20
Lead	23.4		mg/kg	.6
Magnesium	585	J	mg/kg	1000
Manganese	24.4		mg/kg	3
Mercury	.11	U	mg/kg	.1
Nickel	1.6	J	mg/kg	8
Potassium	212	J	mg/kg	1000
Selenium	.85	U	mg/kg	1
Silver	.21	U	mg/kg	2
Sodium	190	J	mg/kg	1000
Thallium	.64	U	mg/kg	2
Vanadium	4	J	mg/kg	10
Zinc	52.7		mg/kg	4
Cyanide	.11	U	mg/kg	.5

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NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- Arsenic -- REQUEST NO. 10757

Lab Sample Number:	C892G				C892H				C892J				C892K			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	35S01301				35S01401				35S01501				35S01601			
Collect Date:	19-FEB-97				19-FEB-97				19-FEB-97				19-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Arsenic	.44	U	mg/kg	2	.43	U	mg/kg	2	.44	U	mg/kg	2	.44	U	mg/kg	2

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NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- Arsenic -- REQUEST NO. 10757

Lab Sample Number:	C892M				C892N				C892Q				C892R			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	35S01701				35S01801				35S01901				35S02001			
Collect Date:	19-FEB-97				19-FEB-97				19-FEB-97				19-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Arsenic	.43	U	mg/kg	2	.43	U	mg/kg	2	.43	U	mg/kg	2	.59	J	mg/kg	2

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UJ = REPORTED QUANTITATION LIMIT IS QUALIFIED AS ESTIMATED
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NAS CECIL FIELD -- FACILITY 177
SURFACE SOIL -- TPH -- REQUEST NO. 10755

Lab Sample Number:	A5K0801280			A5K0801280			A5K0801280			A5K0801280		
Site	CECILBRAC2			CECILBRAC2			CECILBRAC2			CECILBRAC2		
Locator	35S00101			35S00201			35S00301			35S00401		
Collect Date:	07-NOV-95			07-NOV-95			07-NOV-95			07-NOV-95		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TPH												
Total petroleum hydrocarbons	1400	mg/kg	110	81	mg/kg	11	38	mg/kg	11	91	mg/kg	11

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NAS CECIL FIELD FACILITY 177
SURFACE SOIL -- TPH -- REQUEST NO. 10755

Lab Sample Number:	A5K0801280			A5K0801280			A5K0801280			A5K0801280		
Site	CECILBRAC2			CECILBRAC2			CECILBRAC2			CECILBRAC2		
Locator	35S00401D			35S00501			35S00601			35S00701		
Collect Date:	07-NOV-95			07-NOV-95			07-NOV-95			07-NOV-95		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TPH												
Total petroleum hydrocarbons	120	mg/kg	11	57	mg/kg	11	27	mg/kg	11	48	mg/kg	11

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NAS CECIL FIELD FACILITY 177
SURFACE SOIL -- TPH -- REQUEST NO. 10755

Lab Sample Number:	A5K0801280			A782101690		
Site	CECILBRAC2			CECILBRAC3		
Locator	35S00801			35S00901		
Collect Date:	07-NOV-95			18-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
TPH						
Total petroleum hydrocarbons	280	mg/kg	21	270	mg/kg	21

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