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NAS CECIL FIELD
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SAMPLING AND ANALYSIS REPORT TRANSPORTATION AND FUEL MANAGEMENT COMPOUND AND PUBLIC WORKS MAINTENANCE CONTRACTOR AREA BASE REALIGNMENT AND CLOSURE ZONE C DEVELOPMENT NONINDUSTRIAL AREA NAS CECIL FIELD FL

6/1/1999

HARDING LAWSON ASSOCIATES

SAMPLING AND ANALYSIS REPORT

TRANSPORTATION AND FUEL MANAGEMENT COMPOUND AND PUBLIC WORKS MAINTENANCE CONTRACTOR AREA

BASE REALIGNMENT AND CLOSURE

ZONE C, DEVELOPED NONINDUSTRIAL AREA

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

Unit Identification Code: N60200

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and Public Works Maintenance Contractor Area
Base Realignment and Closure
Zone C, Developed Nonindustrial Area
Naval Air Station Cecil Field, Jacksonville, Florida

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GLOSSARY

ABB-ES	ABB Environmental Services, Inc
AST	aboveground storage tank
FDEP	Florida Department of Environmental Protection
GCTL	groundwater cleanup target level
HLA	Harding Lawson Associates
NAS	Naval Air Station
SVOC	semivolatile organic compound
TRPH	total recoverable petroleum hydrocarbons
UST	underground storage tank
VOC	volatile organic compound

1.0 INTRODUCTION

Harding Lawson Associates (HLA), under contract to Southern Division, Naval Facilities Engineering Command, has completed the Phase II Sampling and Analysis program for the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area at Naval Air Station (NAS) Cecil Field. This report summarizes the related field operations, results, conclusions, and recommendations.

The Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area are located on the north side of 9th Street, between B Avenue and D Avenue. The Transportation and Fuel Management Compound is adjacent to the west of the Public Works Maintenance Contractor Area (Figure 1).

The Transportation and Fuel Management Compound, including Facilities 49, 80 80C, 178, 180, 384, 584, and 928, comprises approximately 8 acres, the majority of which is asphalt-paved, or occupied by structures. The eastern half of the compound is secured by a perimeter fence. Major facilities within the Transportation and Fuel Management Compound include three automotive maintenance shops (Facilities 80, 384, and 928), a battery shop (Facility 80C), a refueling vehicle maintenance shop (Facility 178), a fuel dispensing island (Facility 180), and an administrative building (Facility 49). A transformer, adjacent to the east of Facility 80, is identified as Facility 584. Other facilities within the Transportation and Fuel Management Compound include aboveground and underground storage tanks (AST and UST) for fuel, aboveground waste oil storage tanks, oil-water separators, and a retention pond.

The Public Works Maintenance Contractor Area, including Facilities 78, 81, 87, 98, 100, 101, 201, 247, 929, Area of interest (AOI) 25, AOI 26, and AOI 27, comprises approximately 5 acres, the majority of which is asphalt-paved, or occupied by structures. The entire area is secured by a perimeter fence. Major facilities within the Public Works Maintenance Contractor Area include wood and sheet metal fabrication shops in Facility 81, and Storage Facilities 78, 87, 98, 100, 101, 201, and 247. Other facilities within the Public Works Maintenance Contractor Area include an underground fuel storage tank, an oil-water separator, an abandoned washrack, and a sheltered hazardous waste collection point (AOI 27). An open unpaved area north of Facility 81, used for storage of salvaged electrical equipment, is designated as AOI 25.

1.1 POTENTIAL ENVIRONMENTAL CONCERNS (PETROLEUM-RELATED). Numerous potential environmental concerns were identified within the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area, during the Environmental Baseline Survey of NAS Cecil Field (ABB Environmental Services, Inc. [ABB-ES], 1994b). Environmental concerns associated with potential sources of petroleum oil or lubricant release have been evaluated separately from concerns related to potential release of hazardous substances from other sources. Potential sources of petroleum oil or lubricant release include the following:

- Three 10,000-gallon vehicular fuel ASTs (Tanks 180-A, -B and -C) for fuel dispensed at Facility 180,

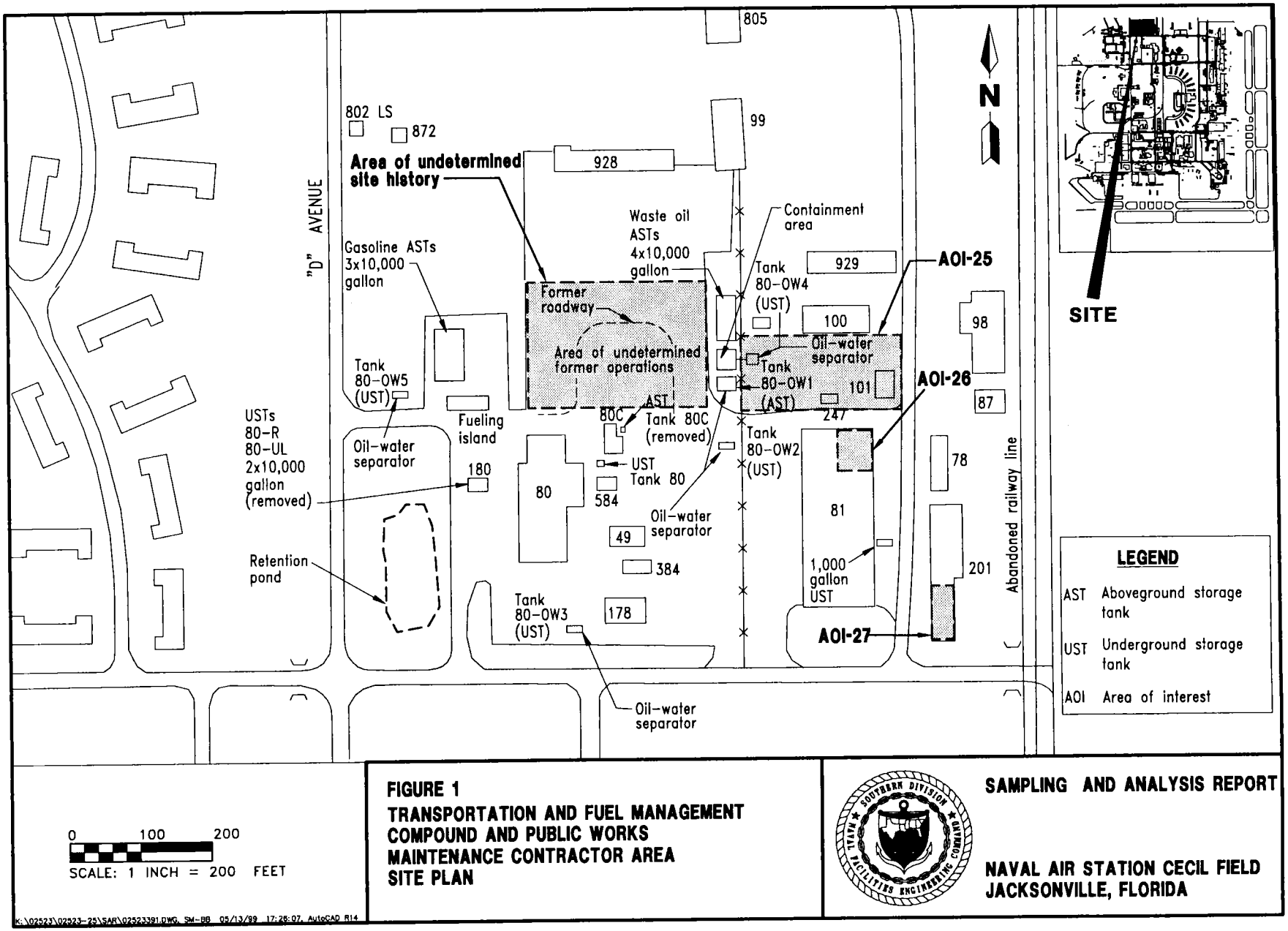

FIGURE 1
TRANSPORTATION AND FUEL MANAGEMENT COMPOUND AND PUBLIC WORKS MAINTENANCE CONTRACTOR AREA SITE PLAN

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NAVAL AIR STATION CECIL FIELD
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- Four 5,000-gallon used oil ASTs (Tanks 80-132 through 80-136), located 300-feet northeast of Facility 80,

- One 1,000-gallon UST (Tank 81) formerly used for heating oil storage, near the east side of Facility 81,

- Two removed USTs (Tanks 80-R and 80-UL), formerly dispensed fuel at an island west of Facility 80,

- One removed UST (Tank 80) formerly used for heating oil storage, near the east side of Facility 80,

- One removed AST (Tank 80-C) formerly used for fuel oil storage, near the northeast corner of Facility 80C, and

- Five oil-water separators (80-OW1 through 80-OW5).

Tanks 180-A, -B, and -C, are in service and are reported to be in compliance. No investigation has been conducted for these tanks. Tanks 80-R and 80-UL have been removed, and a clean closure with no further action has been proposed. Oil water separator 80-OW1 is portable and aboveground, and no evidence of release was observed. Therefore, no investigation has been undertaken for 80-OW1. No excessively contaminated soil was detected during investigations for oil water separators 80-OW3 and 80-OW5. Confirmatory Sampling Reports for these facilities recommend no further action.

Excessively contaminated soil was encountered during investigations for Tanks 80 and 81, Tanks 80-132 to 80-136, and oil-water separators 80-OW2 and 80-OW4. Groundwater at Tanks 80-132 to 80-136 and oil-water separator 80-OW2 is not contaminated. Groundwater contamination has been confirmed at Tanks 80 and 81. No groundwater data is currently available for oil-water separator 80-OW4.

The location and environmental condition of storage tanks and oil-water separators discussed above are illustrated in Figure 2. Additional details are available in Site Assessment Reports and Confirmatory Sampling Reports for the individual storage tanks or oil-water separators (refer to Appendix C).

1.2 POTENTIAL ENVIRONMENTAL CONCERNS (NONPETROLEUM-RELATED). Identified environmental concerns within the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area associated with potential release of hazardous (nonpetroleum) substances include the following:

- Facility 928, Stressed vegetation was observed near the east end of the building.

- Facility 80, Portable tankers parked north of Facility 80 may potentially release used oil or solvents.

- An area of undetermined activity was identified on historical air photos (unpaved roadway).

- Nonpetroleum compounds could potentially be released from oil-water separators.

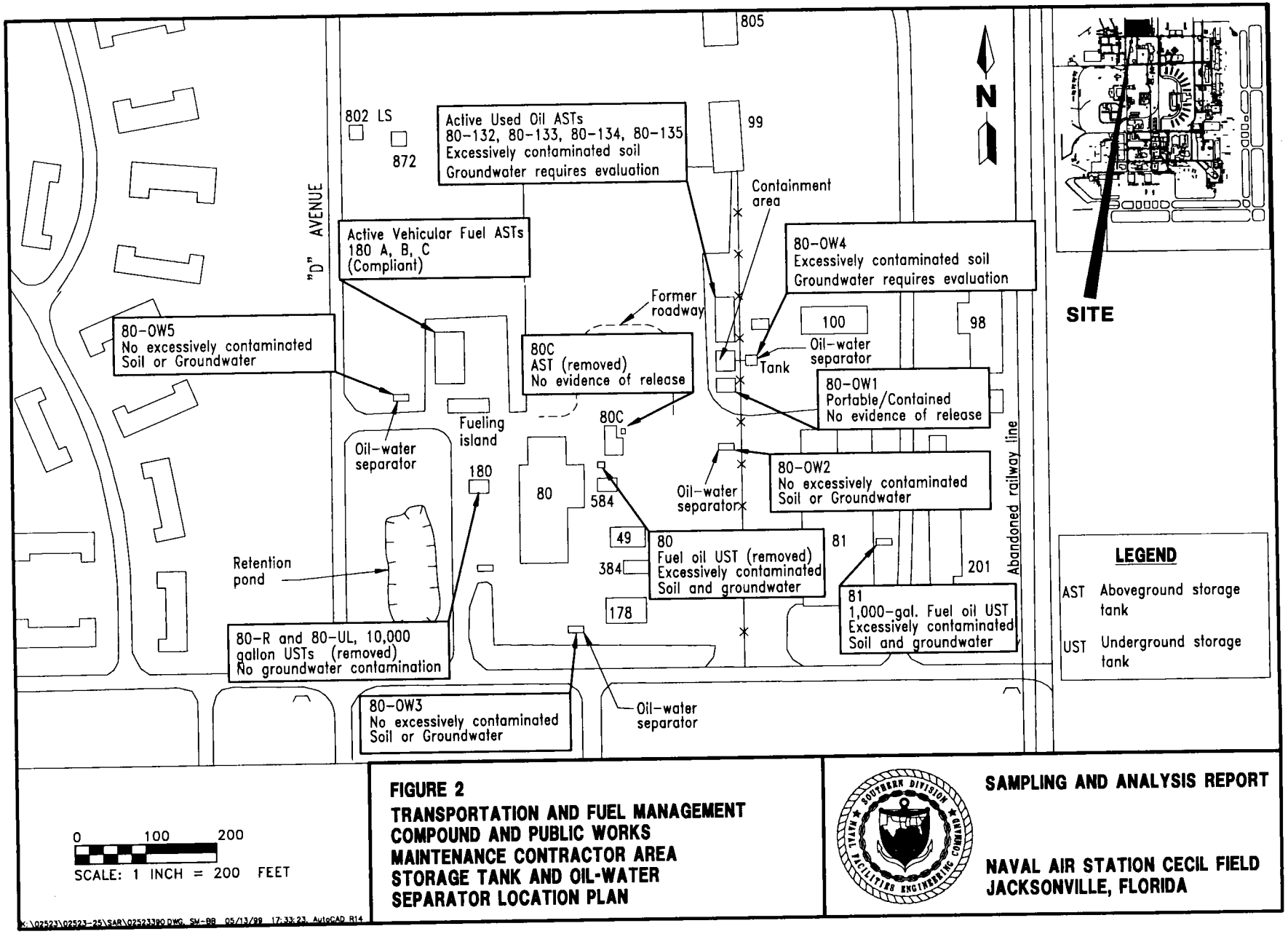


FIGURE 2
TRANSPORTATION AND FUEL MANAGEMENT COMPOUND AND PUBLIC WORKS MAINTENANCE CONTRACTOR AREA STORAGE TANK AND OIL-WATER SEPARATOR LOCATION PLAN

SAMPLING AND ANALYSIS REPORT

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

- Facility 80C, Potential exists for infiltration of contaminants through cracked pavement east of the building.

- AOI-25, Transformers are stored in this unpaved area (includes OW-4, and an abandoned washrack)

- AOI-26, DDT is reported to have been stored in this room, located in the northeast corner of Facility 81

- AOI-27, Hazardous wastes are accumulated in this area, located at the south end of Facility 201

- Facility 98, Stressed vegetation was observed east of the building along a railroad loading dock.

- Facility 100,The information available for historical site activities at Facility 100 is not complete.

- Facility 101, Pesticides have been stored, and possibly mixed at this facility located within AOI-25.

- Facility 201, Portable waste oil containers were formerly located on unpaved surface east of the building.

- Facility 247, Pesticides have been stored at this facility located within AOI-25.

- Facility 584, Facility 584 is a transformer pad.

Sampling and Analysis Outlines for the assessment of soil and groundwater at the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area were prepared by HLA (then ABB-ES) and approved by the Base Realignment and Closure cleanup team (ABB-ES, 1997a, 1997b). The results of the sampling and analysis program are discussed in Chapters 2.0 and 3.0.

2.0 PHASE II INVESTIGATION

Environmental concerns associated with potential sources of petroleum contaminants have been evaluated separately from concerns related to potential release of hazardous substances from other sources. Details are available in Site Assessment Reports, Confirmatory Sampling Reports and Contamination Assessment Reports for the individual storage tanks or oil-water separators (refer to Appendix C).

Shallow groundwater monitoring wells were installed at 5 locations within the Transportation and Fuel Management Compound and at 4 locations within the Public Works Maintenance Contractor Area, to evaluate the potential for groundwater contamination associated with site related activities. The monitoring wells are installed to depths from 13 to 16 feet below land surface (bls), with screened intervals that straddle the groundwater table. Soil boring logs are included in Appendix A. Additional groundwater monitoring wells have been installed in other areas to evaluate environmental concerns associated with potential sources of

petroleum contaminants (Figure 3). These concerns have been evaluated separately.

Four of the five monitoring wells in the Transportation and Fuel Management Compound were installed adjacent to oil-water separators, to determine whether hazardous materials have been released. The other groundwater monitoring well was installed within the area of undetermined former site activities. Monitoring wells in the Public Works Maintenance Contractor Area were installed down-gradient of AOI-25, Facility 98, Facility 201, and as close as practical to AOI-26 (Figure 3). The monitoring well down-gradient of AOI-25 was destroyed during construction activities unrelated to the Phase II Investigation, and was subsequently replaced with a new monitoring well.

Groundwater samples were collected from each monitoring well, and were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticide compounds, and polychlorinated biphenyl compounds (PCBs). Field activities were undertaken in general conformance with the Project Operations Plan (ABB-ES, 1994a).

Surface soil samples were collected at 3 locations within the Transportation and Fuel Management Compound and at 17 locations within the Public Works Maintenance Contractor Area, to evaluate the potential for surface soil contamination associated with site related activities (Figure 3). Surface soil samples were collected from the 0 to 1-foot bls interval, and were analyzed for TCL VOCs, SVOCs, pesticide compounds, PCBs, and total recoverable petroleum hydrocarbons (TRPH). Field activities were undertaken in general conformance with the Project Operations Plan (ABB-ES, 1994a).

One surface soil sample was collected at each of the following locations within the Transportation and Fuel Management Compound; an area of stressed vegetation on the east side of Facility 928, a surface water runoff area west of the asphalt paved area where portable tankers are parked, below the cracked pavement near a catch basin on the east side of Facility 80C. Surface and subsurface soil samples collected from 9 locations, in the area of undetermined former activities and the retention pond, were field-screened using an organic vapor analyzer (OVA) (Figure 3). No stained soil or elevated OVA readings were observed at these locations, and therefore samples were not submitted for laboratory analysis.

Surface soil samples were collected within the Public Works Maintenance Contractor Area at AOI-25, AOI-27, and at Facilities 98, 100, and 201, and from surface water drainage swales. With the exception of the drainage swales, and Facility 100, contaminants were detected at each of the sampled areas. Additional samples were subsequently collected and analyzed for specific contaminants of concern, to determine the extent of contamination.

3.0 ANALYTICAL RESULTS

Analytical results for soil and groundwater samples collected in the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area were compared to NAS Cecil Field screening criteria for inorganics and Florida Department of Environmental Protection (FDEP) Soil Cleanup Target Levels and Groundwater Cleanup Target Levels (GCTLs) (FDEP 1998). The NAS Cecil Field

Figure 3.

Petroleum and Nonpetroleum Detected in Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area

Original is located in Facility 49 SAR file.

screening criteria were determined using 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.

3.1 GROUNDWATER. No compounds or analytes were detected at concentrations in excess of NAS Cecil Field screening criteria and GCTLs. Therefore, no preliminary risk evaluation is required for a potential groundwater exposure scenario. Petroleum contaminants have been detected in monitoring wells in the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area, during Tank Management Program investigations, and have been evaluated separately. Please refer to Figure 2, and references cited in Appendix C.

3.2 SURFACE SOIL. Extensive surface soil contamination has been detected at AOI-25. Contaminants of concern for AOI-25 include pesticides, PCBs, and polynuclear aromatic hydrocarbons (PAHs). Surface soil contamination has also been detected east of Facility 98. Contaminants of concern for Facility 98 include PAHs. Analytical results are presented on Figure 3. Initial attempts to delineate the extent of contamination at AOI-25 and at Facility 98 have not been successful.

Surface soil on the east side of Facility 201 and AOI-27 was determined to be contaminated. Contaminants of concern include arsenic and TRPH. The extent of contamination has been delineated in both areas (Figure 3).

4.0 CONCLUSIONS AND RECOMMENDATIONS

Soil and groundwater samples were collected in the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area, at locations based on a review of available information. No groundwater contaminants were identified during this assessment. However, groundwater contaminants associated with petroleum release have been identified during Tank Management Program investigations, and have been evaluated separately.

Four areas of contaminated surface soil have been identified in the Public Works Maintenance Contractor Area. No soil contamination was identified in the Transportation and Fuel Management Compound during this assessment. However, areas of excessively contaminated soil associated with petroleum release have been identified in the Transportation and Fuel Management Compound during Tank Management Program investigations, and have been evaluated separately.

The extent of contaminated surface soil adjacent to Facility 201 and AOI-27 has been delineated. Soil within the delineated areas should be excavated, removed from site, and disposed of, in accordance with all applicable regulations. Figures showing proposed limits of excavation are included in Appendix D. Additional evaluation is required to determine the extent of contamination, and appropriate response actions for contaminated soil associated with AOI-25, and Facility 98.

The color classification for the majority of the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area should be changed to 3/Light Green, to indicate that incidental release of fuels or other materials typically encountered in association with motor-pool and industrial maintenance facility operations have likely occurred. Petroleum releases from Tanks 80 and 81, Tanks 80-132 through 80-135, Tanks 80-OW2 and 80-OW4, and Tanks 80-R and 80-UL, have been documented. Therefore, these tanks should be reclassified to 2/Blue. Facilities 201 and AOI-27 are areas of documented non-petroleum contamination, and should be reclassified to 5/Yellow until remedial action has been completed. AOI-25 and Facility 98 require additional evaluation to determine the most appropriate remedial response. Therefore, the BCT has designated AOI-25 and Facility 98 as Potential Source of Contamination (PSC) 25, and PSC 50, respectively. Information pertinent to the subsequent evaluation of soil and groundwater contamination in these areas will be presented in technical memos for PSC 25 and PSC 50.

A summary table with recommended color classification for all facilities within the Transportation and Fuel Management Compound, and the Public Works Maintenance Contractor Area is presented below.

Facility	Area	Outstanding Environmental Concerns	Recommendations	Proposed Color Classification
49	TFM	No outstanding concerns	No further action	3/Light Green
80	TFM	Documented Petroleum Release	Further assessment in progress	2/Blue(Yellow)
80C	TFM	No outstanding concerns	No further action	3/Light Green
178	TFM	No outstanding concerns	No further action	3/Light Green
180	TFM	No outstanding concerns	No further action	3/Light Green
384	TFM	No outstanding concerns	No further action	3/Light Green
584	TFM	No outstanding concerns	No further action	3/Light Green
928	TFM	No outstanding concerns	No further action	3/Light Green
78	PWMC	No outstanding concerns	No further action	3/Light Green
81	PWMC	Documented Petroleum Release	Site Assessment Report Recommends removal of tank and contaminated soil, monitor ground-	2/Blue (Yellow)
87	PWMC	No outstanding concerns	No further action	3/Light Green
98	PWMC	PAH contamination in surface soil	Additional evaluation required	5/Yellow
100	PWMC	No outstanding concerns	No further action	3/Light Green
101	PWMC	Pesticide and PCB contamination	Additional evaluation required (within AOI-25)	5/Yellow
201	PWMC	No outstanding concerns	Remove Contaminated soil (delineat-ed)	5/Yellow
247	PWMC	Pesticide contamination	Additional evaluation required (within AOI-25)	5/Yellow
929	PWMC	No outstanding concerns	No further action	3/Light Green
AOI-25	PWMC	Pesticide, PCB, PaH contamination	Additional evaluation required soil and groundwater	5/Yellow
AOI-26	PWMC	No outstanding concerns	No further action	3/Light Green
AOI-27	PWMC	No outstanding concerns	Remove Contaminated soil (delineated)	5/Yellow

Facility	Area	Outstanding Environmental Concerns	Recommendations	Proposed Color Classification
Tank 80	TFM	Documented Petroleum Release	Further assessment in progress	2/Blue(Yellow)
Tank 80-C	TFM	No outstanding concerns	No further action	3/Light Green
Tank 80-R	TFM	Documented Petroleum Release, No outstanding concerns	No further action	2/Blue
Tank 80-UL	TFM	Documented Petroleum Release, No outstanding concerns	No further action	2/Blue
Tank 80-132	TFM	Petroleum Release	Confirmatory Sampling Report recommends source removal	2/Blue(Yellow)
Tank 80-133	TFM	Petroleum Release	Confirmatory Sampling Report recommends source removal	2/Blue(Yellow)
Tank 80-134	TFM	Petroleum Release	Confirmatory Sampling Report recommends source removal	2/Blue(Yellow)
Tank 80-135	TFM	Petroleum Release	Confirmatory Sampling Report recommends source removal	2/Blue(Yellow)
Tank 180-A	TFM	No outstanding concerns	No further action	3/Light Green
Tank 180-B	TFM	No outstanding concerns	No further action	3/Light Green
Tank 180-C	TFM	No outstanding concerns	No further action	3/Light Green
Tank 81	PWMC	Documented Petroleum Release	Site Assessment Report Recommends removal of tank and contaminated soil, monitor ground-	2/Blue (Yellow)
80-OW1	TFM	No outstanding concerns	No further action	3/Light Green
80-OW2	TFM	No outstanding concerns	No further action	3/Light Green
80-OW3	TFM	No outstanding concerns	No further action	3/Light Green
80-OW4	TFM	Documented Petroleum Release	Further assessment in progress	2/Blue(Yellow)
80-OW5	TFM	No outstanding concerns	No further action	3/Light Green

REFERENCES

ABB Environmental Services, Inc. (ABB-ES). 1994a. *Project Operations Plan for Cecil Field and Health and Safety Plan*. Prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM), North Charleston, South Carolina (December).

ABB-ES. 1994b. *Base Realignment and Closure Environmental Baseline Survey Report, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for SOUTHNAVFACENGCOM, North Charleston, South Carolina (November).

ABB-ES. 1997a. *Sampling and Analysis Outline Transportation and Fuel Management Compound (Including Buildings 49, 80, 80C, 178, 180, 384, and Facility 584), Base Realignment and Closure Zone C, Developed Nonindustrial Area Group VIII, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for SOUTHNAVFACENGCOM, North Charleston, South Carolina (January).

ABB-ES. 1997b. *Sampling and Analysis Outline Public Works Maintenance Contractor Service Area, Base Realignment and Closure Zone C, Developed Nonindustrial Area Group IX, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for SOUTHNAVFACENGCOM, North Charleston, South Carolina (January).

Florida Department of Environmental Protection. 1998. *Brownfields Cleanup Criteria Rule*: Chapter 62-785, Florida Administrative Code. Tallahassee, Florida.

Hoaglin, D.C., F. Mosteller, and J.W. Tukey. 1983. *Understanding Robust and Exploratory Data Analysis*. New York: John Wiley and Sons, Inc.

APPENDIX A

CONTAMINANT SCREENING COMPARISON TABLES AND SOIL BORING LOGS

Screening CriteriaTable for Analytes Detected in Surface Soil
Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area

Analyte	[1]Screening Criteria SCTL	BKGRD
Benzene	1.1	
Toluene	300	
Trichloroethene	4.6	
2-Methylnaphthalene	1500	
Acenaphthylene	1100	
Anthracene	19000	
Benzo (a) anthracene	1.4	
Benzo (a) pyrene	0.1	
Benzo (b) fluoranthene	1.4	
Benzo (g,h,i) perylene	2300	
Benzo (k) fluoranthene	15	
Butylbenzylphthalate	220	
Carbazole	53	
Chrysene	140	
Di-n-butylphthalate	110	
Dibenzo (a,h) anthracene	0.1	
Fluoranthene	2800	
Indeno (1,2,3-cd) pyrene	1.5	
Naphthalene	1000	
Phenanthrene	1900	
Pyrene	2200	
bis(2-Ethylhexyl) phthalate	75	
4,4-DDD	4.5	
4,4-DDE	3.2	
4,4-DDT	3.2	
Aldrin	0.06	
Aroclor-1254	0.6	
Aroclor-1260	0.6	
Dieldrin	0.07	
Endosulfan I	410	
Endrin	21	
Endrin aldehyde	21	
Endrin ketone	21	
Heptachlor	0.01	
Heptachlor epoxide	0.1	
Methoxychlor	380	
alpha-Chlordane	3	
gamma-Chlordane	3	
Aluminum	72000	4432.5
Antimony	26	9.44
Arsenic	0.8	2.0375
Barium	105	14.4
Beryllium	120	0.345
Cadmium	75	1.715
Calcium		9.44
Chromium	290	7.75
Cobalt	4700	3.11
Copper	390	5.965
Iron	23000	1486
Lead	500	196.9
Magnesium		328.65
Manganese	1600	21.95
Mercury	3.7	0.16
Nickel	105	3.89
Potassium		101.8
Selenium	390	1.68
Silver	390	2.13
Sodium		343
Thallium		2.84
Vanadium	15	6.3
Zinc	23000	36.5
Cyanide	30	1.185
Total petroleum hydrocarbons	350	

Notes:

[1] Screening Criteria are included for all Analytes detected in surface soil samples collected at the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area .

Concentrations and screening values are expressed in mg/kg

BKGRD = NAS Cecil Field Inorganic Background Data Set

SCTL = Soil Cleanup Target Level, Chapter 62-786, Florida Administrative Code

Screening CriteriaTable for Analytes Detected in Groundwater
Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area

Analyte	[1]Screening Criteria GCTL	BKGRD
Chlorobenzene	100	
1,2,4-Trichlorobenzene	70	
1,3-Dichlorobenzene	10	
1,4-Dichlorobenzene	75	
bis(2-Ethylhexyl) phthalate	6	
Heptachlor epoxide	0.2	
alpha-BHC	0.006	
Aluminum	200	13100
Antimony	6	44.5
Barium	2000	88.2
Calcium		81100
Chromium	100	18
Cobalt	420	12.8
Copper	1000	12.5
Iron	300	7760
Lead	15	5.35
Magnesium		10000
Manganese	50	96.2
Nickel	100	24.5
Potassium		4330
Selenium	50	7
Sodium	160000	16500
Thallium	2	13.3
Vanadium	49	20.2
Zinc	5000	76.8
Cyanide	200	22

Notes:

[1] Screening Criteria are included for all Analytes detected in groundwater samples collected at the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area .

Concentrations and screening values are expressed in ug/l (except where noted)

BKGRD = NAS Cecil Field Inorganic Background Data Set

GCTL = Groundwater Cleanup Target Level, Chapter 62-785, Florida Administrative Code

Preliminary Human Health Risk Evaluation Table
Analytes Detected in Surface Soil at Concentrations in Excess of Screening Criteria
Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area

Sample	Analyte[1]	Concentration	Screening Criteria BKGRD	FLSCTL	RBC(R)	ELCR[2]
58D00101	Total petroleum hydrocarbons	440		350		
58S00301	Arsenic	2.1	2.0375	0.8	0.43	5.E-06
58S00301	Total petroleum hydrocarbons	5900		350		
58S00401	Arsenic	4.9	2.0375	0.8	0.43	1.E-05
58S00601	Benzo (a) pyrene	0.9		0.1	0.088	1.E-05
58S00601	Benzo (b) fluoranthene	1.8		1.4	0.88	2.E-06
58S00601	Dibenzo (a,h) anthracene	0.14		0.1	0.088	2.E-06
58S00601D	Benzo (a) pyrene	0.3		0.1	0.088	3.E-06
58S00701	Benzo (a) pyrene	1		0.1	0.088	1.E-05
58S00701	Benzo (b) fluoranthene	1.6		1.4	0.88	2.E-06
58S00701	Dibenzo (a,h) anthracene	0.14		0.1	0.088	2.E-06
58S00901D	Benzo (a) pyrene	0.13		0.1	0.088	1.E-06
58S01201	4,4-DDT	77		3.2	1.9	4.E-05
58S01201DL	4,4-DDT	75		3.2	1.9	4.E-05
58S01201RE	4,4-DDT	89		3.2	1.9	5.E-05
58S01401	Dieldrin	0.12		0.07	0.04	3.E-06
58S01401RE	Dieldrin	0.11		0.07	0.04	3.E-06
58S02301	TPH C8-C40	700		350		
58S02601	TPH C8-C40	450		350		
58S02701	Arsenic	3	2.0375	0.8	0.43	7.E-06
58S02901	Dieldrin	0.19		0.07	0.04	5.E-06
58S03001	Dieldrin	0.7		0.07	0.04	2.E-05
58S03101	Aroclor-1254	5.7		0.6	1.6	4.E-06
58S03101	Dieldrin	0.084		0.07	0.04	2.E-06
58S03301	Aroclor-1254	71		0.6	1.6	4.E-05
58S03301	Dieldrin	1.7		0.07	0.04	4.E-05
58S03501	Benzo (a) pyrene	0.36		0.1	0.088	4.E-06
58S03501	Dibenzo (a,h) anthracene	0.35		0.1	0.088	4.E-06
58S03701	Benzo (a) pyrene	0.2		0.1	0.088	2.E-06
58S03701	Dibenzo (a,h) anthracene	0.22		0.1	0.088	3.E-06

Notes:

[1] All analytes detected at concentrations in excess BKGRD and SCTL 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

BKGRD = NAS Cecil Field Inorganic Background Data Set

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

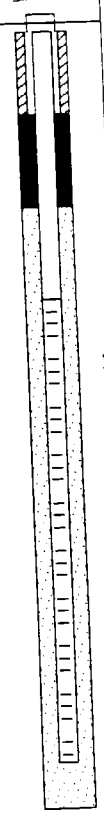
RBC(R) = Risk-based Concentration (Residential), USEPA Region III, April 1998

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

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-80-1S	**BORING NO.** CEF-80-1S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-23-98	**COMPLTD:** 10-23-98
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 6 - 16 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 17.0 FEET.	**DPTH TO ∇** 7.5 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-23-98	**SITE:** 87 - 80 Transportation Bldg

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole
				0				posthole
5				0	CLAYEY SAND (SC): 100%, quartz, yellowish brown, very fine-grained, angular to sub-rounded, moist, iron-oxide staining present.		SC	1,7,7,21
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	5,7,7,16
10								
15								
20								
25								
30								

WELL DATA

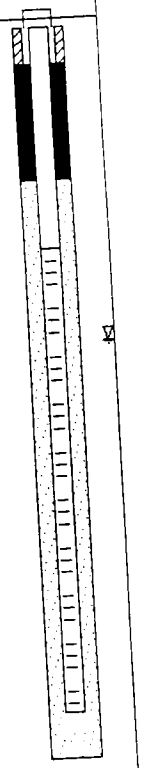


HARDING LAWSON ASSOCIATES

TLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-80-2S	**BORING NO.** CEF-80-2S
		PROJECT NO: 08520-85
LIENT: SOUTHDIVNAVFACENGCOM	**DATE STARTED:** 11-25-98	**COMPLTD:** 11-25-98
ONTRACTOR: Alliance Environmental, Inc.	**SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
ETHOD: Auger	**CASE SIZE:** 2 in.	**DPTH TO ▽** 7.0 FEET.
OC ELEV.: FEET.	**MONITOR INST.:** PID	**TOT DPTH:** 18.0 FEET.
OGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 11-25-98	**SITE:** 87 - 80 Transportation Bldg

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole
				0				posthole
5				0	CLAYEY SAND (SC): 100%, quartz, light brown, very fine-grained, subangular to sub-rounded, moist, iron-oxide staining present.		SC	4,3,7,17
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	4,4,8,15
10								
15								
20								
25								
30								

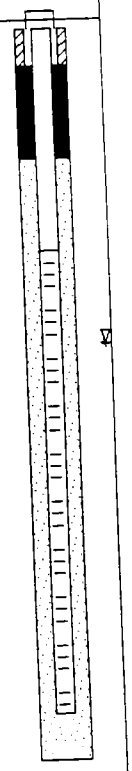
WELL DATA



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-80-3S	**BORING NO.** CEF-80-3S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-23-98	**COMPLTD:** 10-23-98
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ∇** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-23-98	**SITE:** 87 - 80 Transportation Bldg

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole	
				0				posthole	
5				0	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, subangular to sub-rounded, moist, iron-oxide staining present.		SC	8,7,8,8	
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	5,3,8,9	
10									
15									
20									
25									
30									



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-80-4S	**BORING NO.** CEF-80-4S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-23-98	**COMPLTD:** 10-23-98
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ∇** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-23-98	**SITE:** 87 - 80 Transportation Bldg.

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
				0	SILTY SAND (SM): 100%, quartz, light gray, fine- to very fine-grained sub-angular to sub-rounded.		SM	posthole	
				0				posthole	
5				0	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, sub-angular to sub-rounded, moist, iron-oxide staining present.		SC	1,6,7,9	
				3.6	SILTY SAND (SM): 100%, quartz, light gray, fine- to very fine-grained sub-angular to sub-rounded.		SM	5,8,9,12	∇
10									
15									
20									
25									
30									

HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-80-5S	**BORING NO.** CEF-80-5S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 11-25-96	**COMPLTD:** 11-25-96
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ∇** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 11-25-96	**SITE:** 87 - 80 Transportation Bldg.

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained sub-angular to sub-rounded.		SM	posthole	
				0				posthole	
5				0	CLAYEY SAND (SC): 100%, quartz, light brown, very fine-grained, sub-angular to sub-rounded, moist, iron-oxide staining present.		SC	12,10,20,15	
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	4,3,5,10	∇
10									
15									
20									
25									
30									

HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg. 80 ,Site Assessment Report	**LOG of WELL:** CEF-80-8S	**BORING NO.** CEF-80-8S
		PROJECT NO: 02523.13
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Custom Drilling	**DATE STARTED:** 02-03-98	**COMPLTD:** 02-03-98
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 4-14 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: 79.90 FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 14.5 FEET.	**DPTH TO ∇** N/A FEET.
LOGGED BY: J Tarr	**WELL DEVELOPMENT DATE:** 02-05-98	**SITE:** Building 80

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
							SM		
					<> see note				
				0	SILTY SAND: gray, fine grain.			posthole	
				0				posthole	
5									
					SILTY SAND: reddish brown, fine grain.			* **	
10				0	SILTY SAND: pale yellowish orange pink, fine grain, with trace of clay.				
					SILTY SAND: light gray, fine grain.				
15									

<> soil description taken from auger cuttings.

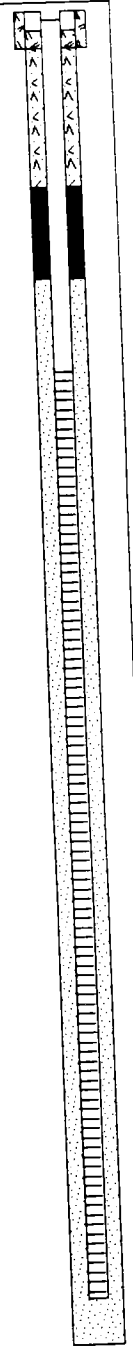
* no split spoon samples taken

** OVA reading taken from auger cuttings

HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg. 80 ,Site Assessment Report	**LOG of WELL:** CEF-80-9S	**BORING NO.** CEF-80-9S
		PROJECT NO: 02523.13
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Custom Drilling	**DATE STARTED:** 02-03-98	**COMPLTD:** 02-03-98
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 4-14 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: 79.95 FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 14.5 FEET.	**DPTH TO ∇** N/A FEET.
LOGGED BY: J Tarr	**WELL DEVELOPMENT DATE:** 02-05-98	**SITE:** Building 80

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
					<> see note		SM		
				0	SILTY SAND: gray, fine grain, poorly graded.			posthole	
				0				posthole	
5									
				0	SILTY SAND: reddish brown, fine grain.			* **	
10					SILTY SAND: pale yellowish orange pink, fine grain, with trace of clay.				
					SILTY SAND: light gray, fine grain.				
				0	<> soil description taken from auger cuttings. * no split spoon samples taken ** OVA reading taken from auger cuttings				
15									

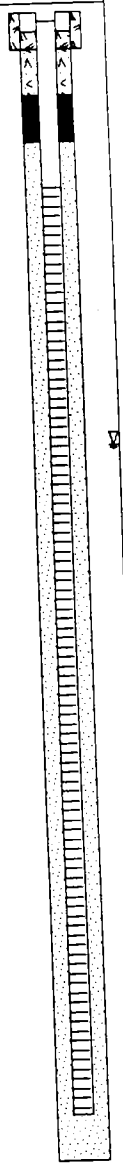


HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg.80-132/135 ASSESSMENT RPT.	**LOG of WELL:** CEF-80-12S	**BORING NO.** CEF-80-12S
		PROJECT NO: 02523-13
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: U.S. Probe and Drill	**DATE STARTED:** 01-26-99	**COMPLTD:** 01-26-99
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 2.0-12.0 FT.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 12.5 FEET.	**DPTH TO ∇** 4.79 FEET.
LOGGED BY: H.Hooper	**WELL DEVELOPMENT DATE:** 02-04-99	**SITE:** Building 80-132/135

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
					<> See Note		SM	posthole
				0				
					SILTY SAND: dark brown silty fine sand.			
				0			SC	posthole
5				0				
					CLAYEY SAND: dark tan slightly clayey silty fine sand.			* **
				0			SM	
10				0	SILTY SAND; tan silty fine sand.			
				0	<> Soil description taken from posthole and auger			
					* no split spoon samples taken			
					** OVA readings taken at borehole			
15								

WELL DATA



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-81-1S	**BORING NO.** CEF-81-1S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-24-96	**COMPLTD:** 10-24-96
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ∇** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-24-96	**SITE:** 58 - 81 FD Maintenance Bldg

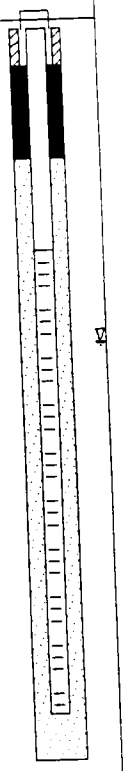
DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole	
				138				posthole	
					CLAY (CL): 100%, gray, soft, plastic, moist.		CL	1,3,5,9	
5				808	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, sub- angular to sub-rounded, moist, iron-oxide stain present.		SC	4,7,9,13	∇
				307	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM		
10									
15									
20									
25									
30									

HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-81-2S	**BORING NO.** CEF-81-2S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-24-96	**COMPLTD:** 10-24-96
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ∇** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-24-96	**SITE:** 58 - 81 FD Maintenance Bldg

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole
				0				posthole
5				46	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, sub- angular to sub-rounded, moist, iron-oxide staining present.		SC	3,3,5,9
				31	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	4,3,9,12
10								
15								
20								
25								
30								

WELL DATA

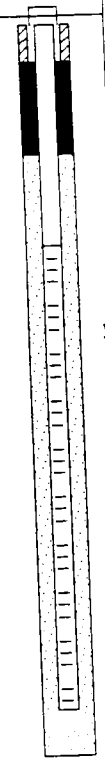


HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-81-3S	**BORING NO.** CEF-81-3S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-24-96	**COMPLTD:** 10-24-96
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 16.0 FEET.	**DPTH TO ▽** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-24-96	**SITE:** 58 - 81 FD Maintenance Bldg

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole
				0				posthole
5				0	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, sub- angular to sub-rounded, moist, iron-oxide staining present.		SC	N/A
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	N/A
10								
15								
20								
25								
30								

WELL DATA

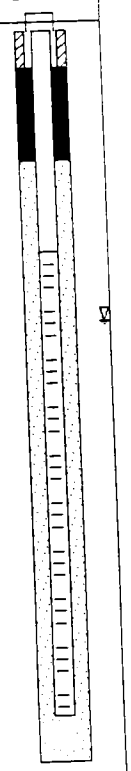


HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-81-4S	**BORING NO.** CEF-81-4S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-24-98	**COMPLTD:** 10-24-98
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ∇** 8.5 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-24-98	**SITE:** 58 - 81 FD Maintenance Bldg

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole
				0				posthole
5				0	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, sub- angular to sub-rounded, moist, iron-oxide staining present.		SC	5,9,8,12
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	3,6,8,8
10								
15								
20								
25								
30								

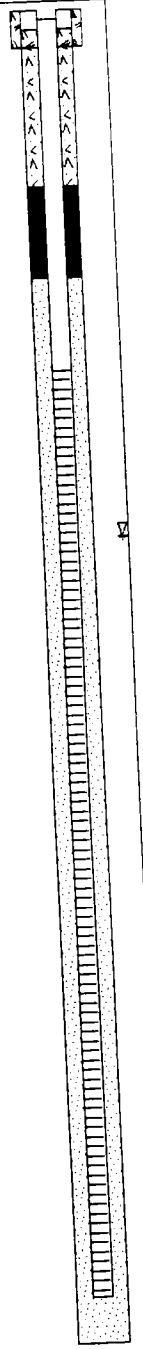
WELL DATA



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg. 81 ,Site Assessment Report	**LOG of WELL:** CEF-81-6S	**BORING NO.** CEF-81-6S
		PROJECT NO: 02523.13
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Custom Drilling	**DATE STARTED:** 02-04-98	**COMPLTD:** 02-04-98
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 4-14 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: 78.98 FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 14.5 FEET.	**DPTH TO ∇** 5.80 FEET.
LOGGED BY: J Tarr	**WELL DEVELOPMENT DATE:** N/A	**SITE:** Building 81

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
					<> see note		SM		
				0	SILTY SAND: dark gray, fine grain.			posthole	
				0				posthole	
5								*	
								**	
10				0	SILTY SAND: light gray to white, fine grain.				
					<> soil description taken from auger cuttings.				
					* no split spoon samples taken				
					** OVA reading taken from auger cuttings				
15									

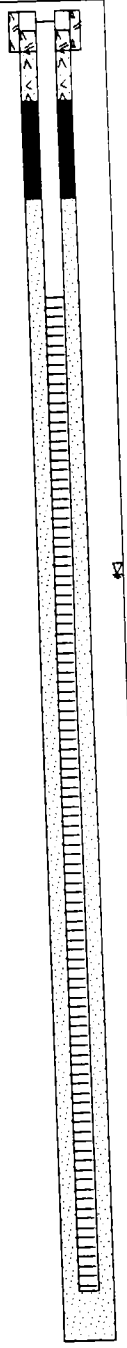


HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg. 81 ,Site Assessment Report	**LOG of WELL:** CEF-81-7S	**BORING NO.** CEF-81-7S
		PROJECT NO: 02523.13
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Custom Drilling	**DATE STARTED:** 02-04-98	**COMPLTD:** 02-04-98
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 3-13 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: 78.90 FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 13.5 FEET.	**DPTH TO ▽** 5.81 FEET.
LOGGED BY: J Tarr	**WELL DEVELOPMENT DATE:** N/A	**SITE:** Building 81

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
					<> see note		SM	
				0	SILTY SAND: dark gray, fine grain.			posthole
				0				posthole
5					SILTY SAND: dark gray, fine grain.			
							SC	* **
					CLAYEY SAND: moderate orange pink to pale yellowish brown to light gray			
10				0				
							SM	
					SILTY SAND: light gray, fine grain.			
					<> soil description taken from auger cuttings.			
					* no split spoon samples taken			
					** OVA reading taken from auger cuttings			

WELL DATA

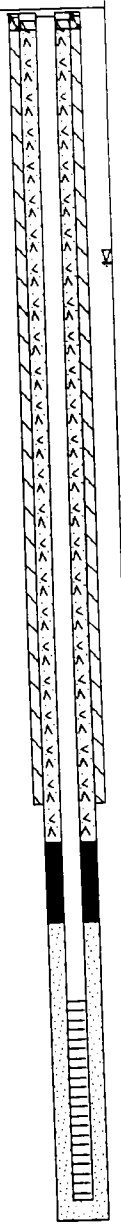


HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg. 81 ,Site Assessment Report	**LOG of WELL:** CEF-81-8D	**BORING NO.** CEF-81-8D
CLIENT: SOUTHDIVNAVFACENGCOM		**PROJECT NO:** 02523.13
CONTRACTOR: Custom Drilling	**DATE STARTED:** 02-05-98	**COMPLTD:** N/A
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 25-30 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: 79.48 FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 30.5 FEET.	**DPTH TO ▽** 8.43 FEET.
LOGGED BY: J Tarr	**WELL DEVELOPMENT DATE:** 02-13-98	**SITE:** Building 81

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND: gray, fine grain.		SM	posthole
				20			SC	posthole
5			25%	150	CLAYEY SAND: light gray to moderate orange pink to pale yellowish brown.			3,4,2,2
10			50%	80	SILTY SAND: light gray, fine grain, poorly graded.		SM	2,3,3,3
15			50%	15	SILTY SAND: light gray, fine grain.			2,3,5,6
20			100%	2	SILTY SAND: light gray, fine grain.			4,5,5,4
25			50%	0	SILTY SAND: light gray to moderate orange pink to pale yellowish brown, fine grain.			4,6,9,9
30			50%	0	SILTY SAND: light gray to moderate orange pink to pale yellowish brown, fine grain.			8,12,18,17
35								

WELL DATA



HARDING LAWSON ASSOCIATES

APPENDIX B

LABORATORY ANALYTICAL DATA

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- VOLATILES -- REQUEST NO. 10608

Lab Sample Number:	C8541			C8542			C8543			C85JP		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58S00101			58S00201			58S00301			58S00401		
Collect Date:	13-FEB-97			13-FEB-97			13-FEB-97			13-FEB-97		
	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	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Bromomethane	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Vinyl chloride	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Chloroethane	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Methylene chloride	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Acetone	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Carbon disulfide	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,1-Dichloroethene	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,1-Dichloroethane	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloroethene (total)	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Chloroform	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloroethane	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
2-Butanone	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,1,1-Trichloroethane	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Carbon tetrachloride	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Bromodichloromethane	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloropropane	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
cis-1,3-Dichloropropene	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Trichloroethene	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Dibromochloromethane	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,1,2-Trichloroethane	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Benzene	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
trans-1,3-Dichloropropene	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Bromoform	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
4-Methyl-2-pentanone	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
2-Hexanone	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Tetrachloroethene	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Toluene	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,1,2,2-Tetrachloroethane	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Chlorobenzene	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Ethylbenzene	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Styrene	11 U	ug/kg	11	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Xylenes (total)	11 U	ug/kg	11	10 U	ug/kg	10	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 -- BFM COMPOUNDS
SURFACE SOIL -- VOLATILES -- REQUEST NO. 10608

Lab Sample Number:	C854J				C854K				C854L				C854N			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00501				58S00601				58S00601D				58S00701			
Collect Date:	12-FEB-97				12-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Acetone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	10	U	ug/kg	10	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 -- BFM COMPOUNDS
SURFACE SOIL -- VOLATILES -- REQUEST NO. 10608

Lab Sample Number:	C85JW			C854P			C854Q		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58S00801			58S00901			58S00901D		
Collect Date:	13-FEB-97			12-FEB-97			12-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP VOLATILES 90-SOW									
Chloromethane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Bromomethane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Vinyl chloride	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Chloroethane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Methylene chloride	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Acetone	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Carbon disulfide	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,1-Dichloroethene	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,1-Dichloroethane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloroethene (total)	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Chloroform	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloroethane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
2-Butanone	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,1,1-Trichloroethane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Carbon tetrachloride	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Bromodichloromethane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,2-Dichloropropane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
cis-1,3-Dichloropropene	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Trichloroethene	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Dibromochloromethane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,1,2-Trichloroethane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Benzene	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
trans-1,3-Dichloropropene	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Bromoform	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
4-Methyl-2-pentanone	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
2-Hexanone	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Tetrachloroethene	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Toluene	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
1,1,2,2-Tetrachloroethane	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Chlorobenzene	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Ethylbenzene	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Styrene	10 U	ug/kg	10	11 U	ug/kg	11	11 U	ug/kg	11
Xylenes (total)	10 U	ug/kg	10	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 -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C8541			C8542			C8543			C85JP		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58S00101			58S00201			58S00301			58S00401		
Collect Date:	13-FEB-97			13-FEB-97			13-FEB-97			13-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
bis(2-Chloroethyl) ether	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2-Chlorophenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
1,3-Dichlorobenzene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
1,4-Dichlorobenzene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
1,2-Dichlorobenzene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2-Methylphenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2,2-oxybis(1-Chloropropane)	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
4-Methylphenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
N-Nitroso-di-n-propylamine	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Hexachloroethane	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Nitrobenzene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Isophorone	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2-Nitrophenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2,4-Dimethylphenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
bis(2-Chloroethoxy) methane	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2,4-Dichlorophenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
1,2,4-Trichlorobenzene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Naphthalene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
4-Chloroaniline	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Hexachlorobutadiene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
4-Chloro-3-methylphenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2-Methylnaphthalene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Hexachlorocyclopentadiene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2,4,6-Trichlorophenol	860 U	ug/kg	860	840 U	ug/kg	840	860 U	ug/kg	860	890 U	ug/kg	890
2,4,5-Trichlorophenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2-Chloronaphthalene	860 U	ug/kg	860	840 U	ug/kg	840	860 U	ug/kg	860	890 U	ug/kg	890
2-Nitroaniline	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Dimethylphthalate	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Acenaphthylene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2,6-Dinitrotoluene	860 U	ug/kg	860	840 U	ug/kg	840	860 U	ug/kg	860	890 U	ug/kg	890
3-Nitroaniline	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Acenaphthene	860 U	ug/kg	860	840 U	ug/kg	840	860 U	ug/kg	860	890 U	ug/kg	890
2,4-Dinitrophenol	860 U	ug/kg	860	840 U	ug/kg	840	860 U	ug/kg	860	890 U	ug/kg	890
4-Nitrophenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Dibenzofuran	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
2,4-Dinitrotoluene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Diethylphthalate	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
4-Chlorophenyl-phenylether	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Fluorene	860 U	ug/kg	860	840 U	ug/kg	840	860 U	ug/kg	860	890 U	ug/kg	890
4-Nitroaniline	860 U	ug/kg	860	840 U	ug/kg	840	860 U	ug/kg	860	890 U	ug/kg	890
4,6-Dinitro-2-methylphenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
N-Nitrosodiphenylamine	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
4-Bromophenyl-phenylether	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Hexachlorobenzene	860 U	ug/kg	860	840 U	ug/kg	840	860 U	ug/kg	860	890 U	ug/kg	890
Pentachlorophenol	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	95 J	ug/kg	360
Phenanthrene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Anthracene	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Carbazole	360 U	ug/kg	360	340 U	ug/kg	340	350 U	ug/kg	350	360 U	ug/kg	360
Di-n-butylphthalate												

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C8541				C8542				C8543				C85JP			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00101				58S00201				58S00301				58S00401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluoranthene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	190	J	ug/kg	360
Pyrene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	190	J	ug/kg	360
Butylbenzylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
3,3-Dichlorobenzidine	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (a) anthracene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	84	J	ug/kg	360
Chrysene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	91	J	ug/kg	360
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Di-n-octylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (b) fluoranthene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	97	J	ug/kg	360
Benzo (k) fluoranthene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	39	J	ug/kg	360
Benzo (a) pyrene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	71	J	ug/kg	360
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	37	J	ug/kg	360
Dibenzo (a,h) anthracene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (g,h,i) perylene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C854J			C854K			C854L			C854N		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58S00501			58S00601			58S00601D			58S00701		
Collect Date:	12-FEB-97			12-FEB-97			12-FEB-97			12-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
bis(2-Chloroethyl) ether	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2-Chlorophenol	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
1,3-Dichlorobenzene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
1,4-Dichlorobenzene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
1,2-Dichlorobenzene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2-Methylphenol	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2,2-oxybis(1-Chloropropane)	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
4-Methylphenol	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
N-Nitroso-di-n-propylamine	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Hexachloroethane	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Nitrobenzene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Isophorone	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2-Nitrophenol	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2,4-Dimethylphenol	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
bis(2-Chloroethoxy) methane	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2,4-Dichlorophenol	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
1,2,4-Trichlorobenzene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Naphthalene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
4-Chloroaniline	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Hexachlorobutadiene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
4-Chloro-3-methylphenol	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2-Methylnaphthalene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Hexachlorocyclopentadiene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2,4,6-Trichlorophenol	840 U	ug/kg	840	1200 U	ug/kg	1200	900 U	ug/kg	900	880 U	ug/kg	880
2,4,5-Trichlorophenol	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2-Chloronaphthalene	840 U	ug/kg	840	1200 U	ug/kg	1200	900 U	ug/kg	900	880 U	ug/kg	880
2-Nitroaniline	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Dimethylphthalate	350 U	ug/kg	350	100 J	ug/kg	370	52 J	ug/kg	370	160 J	ug/kg	360
Acenaphthylene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2,6-Dinitrotoluene	840 U	ug/kg	840	1200 U	ug/kg	1200	900 U	ug/kg	900	880 U	ug/kg	880
3-Nitroaniline	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Acenaphthene	840 U	ug/kg	840	1200 U	ug/kg	1200	900 U	ug/kg	900	880 U	ug/kg	880
2,4-Dinitrophenol	840 U	ug/kg	840	1200 U	ug/kg	1200	900 U	ug/kg	900	880 U	ug/kg	880
4-Nitrophenol	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Dibenzofuran	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
2,4-Dinitrotoluene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Diethylphthalate	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
4-Chlorophenyl-phenylether	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360
Fluorene	350 U	ug/kg	350	490 U	ug/kg	490	370 U	ug/kg	370	360 U	ug/kg	360

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C854J				C854K				C854L				C854N			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00501				58S00601				58S00601D				58S00701			
Collect Date:	12-FEB-97				12-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
4,6-Dinitro-2-methylphenol	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
N-Nitrosodiphenylamine	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
4-Bromophenyl-phenylether	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorobenzene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Pentachlorophenol	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
Phenanthrene	350	U	ug/kg	350	100	J	ug/kg	370	72	J	ug/kg	370	360	U	ug/kg	360
Anthracene	350	U	ug/kg	350	80	J	ug/kg	370	45	J	ug/kg	370	64	J	ug/kg	360
Carbazole	350	U	ug/kg	350	58	J	ug/kg	370	370	U	ug/kg	370	360	U	ug/kg	360
Di-n-butylphthalate	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	37	J	ug/kg	360
Fluoranthene	350	U	ug/kg	350	1500		ug/kg	370	450		ug/kg	370	640		ug/kg	360
Pyrene	350	U	ug/kg	350	2400		ug/kg	370	680		ug/kg	370	1200		ug/kg	360
Butylbenzylphthalate	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
3,3-Dichlorobenzidine	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (a) anthracene	350	U	ug/kg	350	1100		ug/kg	370	240	J	ug/kg	370	590		ug/kg	360
Chrysene	350	U	ug/kg	350	1300		ug/kg	370	350	J	ug/kg	370	810		ug/kg	360
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	57	J	ug/kg	370	280	J	ug/kg	370	360	U	ug/kg	360
Di-n-octylphthalate	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (b) fluoranthene	350	U	ug/kg	350	1800		ug/kg	370	520		ug/kg	370	1600		ug/kg	360
Benzo (k) fluoranthene	350	U	ug/kg	350	410	J	ug/kg	370	170	J	ug/kg	370	580		ug/kg	360
Benzo (a) pyrene	350	U	ug/kg	350	900		ug/kg	370	300	J	ug/kg	370	1000		ug/kg	360
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	600		ug/kg	370	210	J	ug/kg	370	700		ug/kg	360
Dibenzo (a,h) anthracene	350	U	ug/kg	350	140	J	ug/kg	370	38	J	ug/kg	370	140	J	ug/kg	360
Benzo (g,h,i) perylene	350	U	ug/kg	350	630		ug/kg	370	220	J	ug/kg	370	680		ug/kg	360

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C85JW				C854P				C854Q			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00801				58S00901				58S00901D			
Collect Date:	13-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
bis(2-Chloroethyl) ether	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Chlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,3-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,4-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,2-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachloroethane	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Nitrobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Isophorone	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Nitrophenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dimethylphenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dichlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,2,4-Trichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Naphthalene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Chloroaniline	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorobutadiene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Chloro-3-methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Methylnaphthalene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorocyclopentadiene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4,6-Trichlorophenol	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
2,4,5-Trichlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Chloronaphthalene	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
2-Nitroaniline	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Dimethylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Acenaphthylene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,6-Dinitrotoluene	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
3-Nitroaniline	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Acenaphthene	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
2,4-Dinitrophenol	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
4-Nitrophenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Dibenzofuran	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dinitrotoluene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Diethylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Chlorophenyl-phenylether	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Fluorene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C85JW				C854P				C854Q			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00801				58S00901				58S00901D			
Collect Date:	13-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
4,6-Dinitro-2-methylphenol	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
N-Nitrosodiphenylamine	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Bromophenyl-phenylether	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Pentachlorophenol	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
Phenanthrene	350	U	ug/kg	350	360	U	ug/kg	360	430		ug/kg	360
Anthracene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Carbazole	350	U	ug/kg	350	360	U	ug/kg	360	59	J	ug/kg	360
Di-n-butylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Fluoranthene	350	U	ug/kg	350	65	J	ug/kg	360	420		ug/kg	360
Pyrene	350	U	ug/kg	350	81	J	ug/kg	360	390		ug/kg	360
Butylbenzylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	220	J	ug/kg	360
3,3-Dichlorobenzidine	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (a) anthracene	350	U	ug/kg	350	42	J	ug/kg	360	130	J	ug/kg	360
Chrysene	350	U	ug/kg	350	59	J	ug/kg	360	190	J	ug/kg	360
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	95	J	ug/kg	360	71	J	ug/kg	360
Di-n-octylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (b) fluoranthene	350	U	ug/kg	350	86	J	ug/kg	360	200	J	ug/kg	360
Benzo (k) fluoranthene	350	U	ug/kg	350	360	U	ug/kg	360	66	J	ug/kg	360
Benzo (a) pyrene	350	U	ug/kg	350	59	J	ug/kg	360	130	J	ug/kg	360
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	45	J	ug/kg	360	97	J	ug/kg	360
Dibenzo (a,h) anthracene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (g,h,i) perylene	350	U	ug/kg	350	50	J	ug/kg	360	96	J	ug/kg	360

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REPORT REQUEST NO. 10597

Lab Sample Number:	JR47322			JR47323			JR47324			JR47325		
Site	BRAC			BRAC			BRAC			BRAC		
Locator	58S02901			58S03001			58S03101			58S03201		
Collect Date:	22-DEC-98			22-DEC-98			22-DEC-98			22-DEC-98		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
BRAC PESTICIDES/PCBS												
alpha-BHC	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
beta-BHC	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
gamma-BHC (Lindane)	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
Heptachlor	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
Aldrin	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
Heptachlor epoxide	-			-			-			-		
Endosulfan I	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
Dieldrin	190	ug/kg	70	700	ug/kg	180	84	ug/kg	35	10	ug/kg	3.5
4,4-DDE	10	ug/kg	3.5	19	ug/kg	3.5	390	ug/kg	35	32	ug/kg	3.5
Endrin	3.5	U ug/kg	3.5	4.2	ug/kg	3.5	88	ug/kg	35	3.5	ug/kg	3.5
Endosulfan II	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
4,4-DDD	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
Endosulfan sulfate	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
4,4-DDT	13	ug/kg	3.5	15	ug/kg	3.5	540	ug/kg	35	20	ug/kg	3.5
Methoxychlor	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
Endrin ketone	3.5	U ug/kg	3.5	4	ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
Endrin aldehyde	3.5	U ug/kg	3.5	3.5	U ug/kg	3.5	35	U ug/kg	35	3.5	U ug/kg	3.5
alpha-Chlordane	4.6	ug/kg	3.5	4.6	ug/kg	3.5	43	ug/kg	35	3.5	U ug/kg	3.5
gamma-Chlordane	4.7	ug/kg	3.5	3.9	ug/kg	3.5	35	ug/kg	35	3.5	U ug/kg	3.5
Toxaphene	70	U ug/kg	70	71	U ug/kg	71	710	U ug/kg	710	70	U ug/kg	70
Aroclor-1221	35	U ug/kg	35	35	U ug/kg	35	360	U ug/kg	360	35	U ug/kg	35
Aroclor-1232	35	U ug/kg	35	35	U ug/kg	35	360	U ug/kg	360	35	U ug/kg	35
Aroclor-1248	35	U ug/kg	35	35	U ug/kg	35	360	U ug/kg	360	35	U ug/kg	35
Aroclor-1254	35	U ug/kg	35	35	U ug/kg	35	5700	ug/kg	360	270	ug/kg	35
Aroclor-1260	35	U ug/kg	35	35	U ug/kg	35	360	U ug/kg	360	35	U ug/kg	35
Aroclor-1016/1242	35	U ug/kg	35	35	U ug/kg	35	360	U ug/kg	360	35	U ug/kg	35

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REPORT REQUEST NO. 10597

Lab Sample Number:		JR47326		
Site		BRAC		
Locator		58S03301		
Collect Date:		22-DEC-98		
	VALUE	QUAL	UNITS	DL
BRAC PESTICIDES/PCBS				
alpha-BHC	360	U	ug/kg	360
beta-BHC	360	U	ug/kg	360
gamma-BHC (Lindane)	360	U	ug/kg	360
Heptachlor	360	U	ug/kg	360
Aldrin	360	U	ug/kg	360
Heptachlor epoxide	-			
Endosulfan I	360	U	ug/kg	360
Dieldrin	1700		ug/kg	360
4,4-DDE	710		ug/kg	360
Endrin	1100		ug/kg	360
Endosulfan II	360	U	ug/kg	360
4,4-DDD	360	U	ug/kg	360
Endosulfan sulfate	360	U	ug/kg	360
4,4-DDT	360	U	ug/kg	360
Methoxychlor	360	U	ug/kg	360
Endrin ketone	360	U	ug/kg	360
Endrin aldehyde	360	U	ug/kg	360
alpha-Chlordane	360	U	ug/kg	360
gamma-Chlordane	360	U	ug/kg	360
Toxaphene	7100	U	ug/kg	7100
Aroclor-1221	3500	U	ug/kg	3500
Aroclor-1232	3500	U	ug/kg	3500
Aroclor-1248	3500	U	ug/kg	3500
Aroclor-1254	71000		ug/kg	3500
Aroclor-1260	3500	U	ug/kg	3500
Aroclor-1016/1242	3500	U	ug/kg	3500

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10610

Lab Sample Number:	C8541				C8542				C8543				C85JP			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00101				58S00201				58S00301				58S00401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	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	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
beta-BHC	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
delta-BHC	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
Heptachlor	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
Aldrin	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	.3	J	ug/kg	1.8	.25	J	ug/kg	1.8
Heptachlor epoxide	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
Endosulfan I	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
Dieldrin	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
4,4-DDE	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	2.8	J	ug/kg	3.6	4.5		ug/kg	3
Endrin	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
Endosulfan II	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
4,4-DDD	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
Endosulfan sulfate	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
4,4-DDT	18	U	ug/kg	18	.67	J	ug/kg	3.5	4.6	J	ug/kg	3.6	8.1		ug/kg	3
Methoxychlor	3.6	U	ug/kg	3.6	17	U	ug/kg	17	18	U	ug/kg	18	1.1	J	ug/kg	18
Endrin ketone	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	.19	J	ug/kg	3.6	3.7	U	ug/kg	3.7
Endrin aldehyde	1.8	U	ug/kg	1.8	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
alpha-Chlordane	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	.42	J	ug/kg	1.8	1.8	U	ug/kg	1.8
gamma-Chlordane	180	U	ug/kg	180	1.7	U	ug/kg	1.7	.4	J	ug/kg	1.8	1.8	U	ug/kg	1.8
Toxaphene	36	U	ug/kg	36	170	U	ug/kg	170	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1016	72	U	ug/kg	72	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37
Aroclor-1221	36	U	ug/kg	36	70	U	ug/kg	70	72	U	ug/kg	72	73	U	ug/kg	73
Aroclor-1232	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37
Aroclor-1242	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37
Aroclor-1248	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37
Aroclor-1254	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37
Aroclor-1260	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10610

Lab Sample Number:	C854J				C854K				C854L				C854N			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00501				58S00601				58S00601D				58S00701			
Collect Date:	12-FEB-97				12-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
beta-BHC	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
delta-BHC	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
gamma-BHC (Lindane)	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Heptachlor	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Aldrin	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Heptachlor epoxide	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Endosulfan I	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Dieldrin	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
4,4-DDE	18	U	ug/kg	18	.34	J	ug/kg	7	38	U	ug/kg	38	37	U	ug/kg	37
Endrin	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
Endosulfan II	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
4,4-DDD	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
Endosulfan sulfate	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
4,4-DDT	18	U	ug/kg	18	30		ug/kg	7	38	U	ug/kg	38	2	J	ug/kg	36
Methoxychlor	88	U	ug/kg	88	37	U	ug/kg	37	190	U	ug/kg	190	180	U	ug/kg	180
Endrin ketone	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
Endrin aldehyde	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
alpha-Chlordane	8.8	U	ug/kg	8.8	2	J	ug/kg	4	2.5	J	ug/kg	19	18	U	ug/kg	18
gamma-Chlordane	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Toxaphene	880	U	ug/kg	880	370	U	ug/kg	370	1900	U	ug/kg	1900	1800	U	ug/kg	1800
Aroclor-1016	180	U	ug/kg	180	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370
Aroclor-1221	350	U	ug/kg	350	150	U	ug/kg	150	750	U	ug/kg	750	730	U	ug/kg	730
Aroclor-1232	180	U	ug/kg	180	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370
Aroclor-1242	180	U	ug/kg	180	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370
Aroclor-1248	180	U	ug/kg	180	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370
Aroclor-1254	180	U	ug/kg	180	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370
Aroclor-1260	290		ug/kg	170	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10610

Lab Sample Number:	C85JW				C854P				C854Q				C85J9			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00801				58S00901				58S00901D				58S01001			
Collect Date:	13-FEB-97				12-FEB-97				12-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.7	U	ug/kg	1.7	9.3	U	ug/kg	9.3	9.2	U	ug/kg	9.2	3.6	U	ug/kg	3.6
beta-BHC	1.7	U	ug/kg	1.7	9.3	U	ug/kg	9.3	9.2	U	ug/kg	9.2	3.6	U	ug/kg	3.6
delta-BHC	1.7	U	ug/kg	1.7	9.3	U	ug/kg	9.3	9.2	U	ug/kg	9.2	3.6	U	ug/kg	3.6
gamma-BHC (Lindane)	1.7	U	ug/kg	1.7	9.3	U	ug/kg	9.3	9.2	U	ug/kg	9.2	3.6	U	ug/kg	3.6
Heptachlor	1.7	U	ug/kg	1.7	9.3	U	ug/kg	9.3	9.2	U	ug/kg	9.2	3.6	U	ug/kg	3.6
Aldrin	1.7	U	ug/kg	1.7	9.3	U	ug/kg	9.3	9.2	U	ug/kg	9.2	7	J	ug/kg	4
Heptachlor epoxide	1.7	U	ug/kg	1.7	9.4	J	ug/kg	10	9.7	J	ug/kg	9	4.9	J	ug/kg	4
Endosulfan I	1.7	U	ug/kg	1.7	9.3	U	ug/kg	9.3	9.2	U	ug/kg	9.2	3.6	U	ug/kg	3.6
Dieldrin	3.5	U	ug/kg	3.5	19	U	ug/kg	19	18	U	ug/kg	18	7.1	U	ug/kg	7.1
4,4-DDE	.55	J	ug/kg	3	40		ug/kg	18	46		ug/kg	18	2.4	J	ug/kg	7
Endrin	.27	J	ug/kg	3	19	U	ug/kg	19	18	U	ug/kg	18	7.1	U	ug/kg	7.1
Endosulfan II	3.5	U	ug/kg	3.5	19	U	ug/kg	19	18	U	ug/kg	18	7.1	U	ug/kg	7.1
4,4-DDD	3.5	U	ug/kg	3.5	17	J	ug/kg	18	18	J	ug/kg	18	53	J	ug/kg	7
Endosulfan sulfate	3.5	U	ug/kg	3.5	19	U	ug/kg	19	18	U	ug/kg	18	7.1	U	ug/kg	7.1
4,4-DDT	1.6	J	ug/kg	3	17	J	ug/kg	18	53		ug/kg	18	7.1	U	ug/kg	7.1
Methoxychlor	1.2	J	ug/kg	18	93	U	ug/kg	93	92	U	ug/kg	92	36	U	ug/kg	36
Endrin ketone	3.5	U	ug/kg	3.5	19	U	ug/kg	19	18	U	ug/kg	18	7.1	U	ug/kg	7.1
Endrin aldehyde	3.5	U	ug/kg	3.5	12	J	ug/kg	18	14	J	ug/kg	18	2.9	J	ug/kg	7
alpha-Chlordane	1.7	U	ug/kg	1.7	61		ug/kg	10	62		ug/kg	9	170		ug/kg	4
gamma-Chlordane	1.7	U	ug/kg	1.7	64		ug/kg	10	63		ug/kg	9	190		ug/kg	4
Toxaphene	170	U	ug/kg	170	930	U	ug/kg	930	920	U	ug/kg	920	360	U	ug/kg	360
Aroclor-1016	35	U	ug/kg	35	190	U	ug/kg	190	180	U	ug/kg	180	71	U	ug/kg	71
Aroclor-1221	70	U	ug/kg	70	370	U	ug/kg	370	370	U	ug/kg	370	140	U	ug/kg	140
Aroclor-1232	35	U	ug/kg	35	190	U	ug/kg	190	180	U	ug/kg	180	71	U	ug/kg	71
Aroclor-1242	35	U	ug/kg	35	190	U	ug/kg	190	180	U	ug/kg	180	71	U	ug/kg	71
Aroclor-1248	35	U	ug/kg	35	190	U	ug/kg	190	180	U	ug/kg	180	71	U	ug/kg	71
Aroclor-1254	35	U	ug/kg	35	190	U	ug/kg	190	180	U	ug/kg	180	71	U	ug/kg	71
Aroclor-1260	35	U	ug/kg	35	340		ug/kg	180	460		ug/kg	180	71	U	ug/kg	71

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10610

Lab Sample Number:	C85JF				C85JG				C85JJ				C85JM			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S01101				58S01201				58S01301				58S01401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
beta-BHC	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
delta-BHC	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
gamma-BHC (Lindane)	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
Heptachlor	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
Aldrin	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
Heptachlor epoxide	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
Endosulfan I	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	1.3	J	ug/kg	9
Dieldrin	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	120		ug/kg	17
4,4-DDE	21		ug/kg	4	680	J	ug/kg	1500	14		ug/kg	3	37	J	ug/kg	17
Endrin	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	11	J	ug/kg	17
Endosulfan II	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	17	U	ug/kg	17
4,4-DDD	3.8	U	ug/kg	3.8	1000	J	ug/kg	1500	.37	J	ug/kg	3	17	U	ug/kg	17
Endosulfan sulfate	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	17	U	ug/kg	17
4,4-DDT	8		ug/kg	4	77000		ug/kg	1500	44		ug/kg	3	52		ug/kg	17
Methoxychlor	2.6	J	ug/kg	19	7600	U	ug/kg	7600	11	J	ug/kg	18	86	U	ug/kg	86
Endrin ketone	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	17	U	ug/kg	17
Endrin aldehyde	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	17	U	ug/kg	17
alpha-Chlordane	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	10		ug/kg	9
gamma-Chlordane	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	2.8	J	ug/kg	9
Toxaphene	190	U	ug/kg	190	76000	U	ug/kg	76000	180	U	ug/kg	180	860	U	ug/kg	860
Aroclor-1016	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1221	76	U	ug/kg	76	30000	U	ug/kg	30000	70	U	ug/kg	70	340	U	ug/kg	340
Aroclor-1232	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1242	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1248	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1254	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1260	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10610

Lab Sample Number:	C85K9		
Site	CECILBRAC3		
Locator	58S01501		
Collect Date:	13-FEB-97		
	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW			
alpha-BHC	9.1 U	ug/kg	9.1
beta-BHC	9.1 U	ug/kg	9.1
delta-BHC	9.1 U	ug/kg	9.1
gamma-BHC (Lindane)	9.1 U	ug/kg	9.1
Heptachlor	.61 J	ug/kg	9
Aldrin	2.4 J	ug/kg	9
Heptachlor epoxide	9.1 U	ug/kg	9.1
Endosulfan I	67	ug/kg	18
Dieldrin	44	ug/kg	18
4,4-DDE	18 U	ug/kg	18
Endrin	18 U	ug/kg	18
Endosulfan II	18 U	ug/kg	18
4,4-DDD	18 U	ug/kg	18
Endosulfan sulfate	40	ug/kg	18
4,4-DDT	91 U	ug/kg	91
Methoxychlor	18 U	ug/kg	18
Endrin ketone	18 U	ug/kg	18
Endrin aldehyde	8.4 J	ug/kg	9
alpha-Chlordane	7.3 J	ug/kg	9
gamma-Chlordane	910 U	ug/kg	910
Toxaphene	180 U	ug/kg	180
Aroclor-1016	360 U	ug/kg	360
Aroclor-1221	180 U	ug/kg	180
Aroclor-1232	180 U	ug/kg	180
Aroclor-1242	180 U	ug/kg	180
Aroclor-1248	180 U	ug/kg	180
Aroclor-1254	180 U	ug/kg	180
Aroclor-1260			

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NAS CECIL FIELD -- BFM COMPOUNDS

SURFACE SOIL -- RE-EXTRACTIONS & DILUTIONS PESTICIDES/PCBs -- REQ NO 10610

Lab Sample Number:	C854PRE				C85J9DL				C85J9RE				C85J9REDL		
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3		
Locator	58S00901RE				58S01001DL				58S01001RE				58S01001REDL		
Collect Date:	12-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	9.3	U	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
beta-BHC	9.3	U	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
delta-BHC	9.3	U	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
gamma-BHC (Lindane)	9.3	U	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
Heptachlor	9.3	U	ug/kg	9.3	36	U	ug/kg	36	.94	J	ug/kg	4	36	U	ug/kg	36
Aldrin	2.6	J	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
Heptachlor epoxide	7.2	J	ug/kg	10	6.6	J	ug/kg	36	3.8	J	ug/kg	4	4.4	J	ug/kg	36
Endosulfan I	9.3	U	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
Dieldrin	18	U	ug/kg	18	71	U	ug/kg	71	7.1	U	ug/kg	7.1	71	U	ug/kg	71
4,4-DDE	34		ug/kg	18	71	U	ug/kg	71	1.8	J	ug/kg	7	71	U	ug/kg	71
Endrin	18	U	ug/kg	18	71	U	ug/kg	71	7.1	U	ug/kg	7.1	71	U	ug/kg	71
Endosulfan II	18	U	ug/kg	18	71	U	ug/kg	71	7.1	U	ug/kg	7.1	71	U	ug/kg	71
4,4-DDD	12	J	ug/kg	18	66	J	ug/kg	71	38	J	ug/kg	7	42	J	ug/kg	71
Endosulfan sulfate	18	U	ug/kg	18	71	U	ug/kg	71	7.1	U	ug/kg	7.1	71	U	ug/kg	71
4,4-DDT	120	J	ug/kg	18	71	U	ug/kg	71	7.1	U	ug/kg	7.1	71	U	ug/kg	71
Methoxychlor	93	U	ug/kg	93	360	U	ug/kg	360	36	U	ug/kg	36	360	U	ug/kg	360
Endrin ketone	18	U	ug/kg	18	71	U	ug/kg	71	.17	J	ug/kg	7	71	U	ug/kg	71
Endrin aldehyde	9.4	J	ug/kg	18	71	U	ug/kg	71	2.2	J	ug/kg	7	71	U	ug/kg	71
alpha-Chlordane	44		ug/kg	10	230		ug/kg	36	120		ug/kg	4	150		ug/kg	36
gamma-Chlordane	45		ug/kg	10	260		ug/kg	36	140		ug/kg	4	170		ug/kg	36
Toxaphene	930	U	ug/kg	930	3600	U	ug/kg	3600	360	U	ug/kg	360	3600	U	ug/kg	3600
Aroclor-1016	180	U	ug/kg	180	710	U	ug/kg	710	71	U	ug/kg	71	710	U	ug/kg	710
Aroclor-1221	370	U	ug/kg	370	1400	U	ug/kg	1400	140	U	ug/kg	140	1400	U	ug/kg	1400
Aroclor-1232	180	U	ug/kg	180	710	U	ug/kg	710	71	U	ug/kg	71	710	U	ug/kg	710
Aroclor-1242	180	U	ug/kg	180	710	U	ug/kg	710	71	U	ug/kg	71	710	U	ug/kg	710
Aroclor-1248	180	U	ug/kg	180	710	U	ug/kg	710	71	U	ug/kg	71	710	U	ug/kg	710
Aroclor-1254	180	U	ug/kg	180	710	U	ug/kg	710	71	U	ug/kg	71	710	U	ug/kg	710
Aroclor-1260	260		ug/kg	180	710	U	ug/kg	710	100	J	ug/kg	71	710	U	ug/kg	710

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- RE-EXTRACTIONS & DILUTIONS PESTICIDES/PCBs -- REQ NO 10610

Lab Sample Number:	C85JFRE			C85JGDL			C85JGRE			C85JGREDL		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58S01101RE			58S01201DL			58S01201RE			58S01201REDL		
Collect Date:	13-FEB-97			13-FEB-97			13-FEB-97			13-FEB-97		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
beta-BHC	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
delta-BHC	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
gamma-BHC (Lindane)	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
Heptachlor	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
Aldrin	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
Heptachlor epoxide	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
Endosulfan I	3.8 U	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
Dieldrin	24	ug/kg	4	15000 U	ug/kg	15000	1100 J	ug/kg	1800	19000 U	ug/kg	19000
4,4-DDE	3.8 U	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
Endrin	3.8 U	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
Endosulfan II	3.8 U	ug/kg	3.8	1200 J	ug/kg	15000	1300 J	ug/kg	1800	2100 J	ug/kg	18000
4,4-DDD	3.8 U	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
Endosulfan sulfate	10	ug/kg	4	75000	ug/kg	15000	89000	ug/kg	1800	110000	ug/kg	18000
4,4-DDT	19 U	ug/kg	19	76000 U	ug/kg	76000	9400 U	ug/kg	9400	94000 U	ug/kg	94000
Methoxychlor	.13 J	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
Endrin ketone	3.8 U	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
Endrin aldehyde	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
alpha-Chlordane	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
gamma-Chlordane	190 U	ug/kg	190	760000 U	ug/kg	760000	94000 U	ug/kg	94000	940000 U	ug/kg	940000
Toxaphene	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1016	76 U	ug/kg	76	300000 U	ug/kg	300000	38000 U	ug/kg	38000	380000 U	ug/kg	380000
Aroclor-1221	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1232	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1242	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1248	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1254	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1260	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000

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NAS CECIL FIELD -- BFM COMPOUNDS

SURFACE SOIL -- RE-EXTRACTIONS & DILUTIONS PESTICIDES/PCBs -- REQ NO 10610

Lab Sample Number:	C85JJRE			C85JMRE			C85K9RE		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58S01301RE			58S01401RE			58S01501RE		
Collect Date:	13-FEB-97			13-FEB-97			13-FEB-97		
	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	8.6 U	ug/kg	8.6	9.1 U	ug/kg	9.1
beta-BHC	1.8 U	ug/kg	1.8	8.6 U	ug/kg	8.6	9.1 U	ug/kg	9.1
delta-BHC	1.8 U	ug/kg	1.8	8.6 U	ug/kg	8.6	9.1 U	ug/kg	9.1
gamma-BHC (Lindane)	1.8 U	ug/kg	1.8	8.6 U	ug/kg	8.6	9.1 U	ug/kg	9.1
Heptachlor	1.8 U	ug/kg	1.8	8.6 U	ug/kg	8.6	9.1 U	ug/kg	9.1
Aldrin	1.8 U	ug/kg	1.8	8.6 U	ug/kg	8.6	9.1 U	ug/kg	9.1
Heptachlor epoxide	1.8 U	ug/kg	1.8	8.6 U	ug/kg	8.6	1.8 J	ug/kg	9
Endosulfan I	3.5 U	ug/kg	3.5	1.2 J	ug/kg	9	1.3 J	ug/kg	9
Dieldrin	14	ug/kg	3	110	ug/kg	17	52	ug/kg	18
4,4-DDE	3.5 U	ug/kg	3.5	33 J	ug/kg	17	31	ug/kg	18
Endrin	3.5 U	ug/kg	3.5	12 J	ug/kg	17	18 U	ug/kg	18
Endosulfan II	3.5 U	ug/kg	3.5	17 U	ug/kg	17	18 U	ug/kg	18
4,4-DDD	3.5 U	ug/kg	3.5	17 U	ug/kg	17	18 U	ug/kg	18
Endosulfan sulfate	22	ug/kg	3	17 U	ug/kg	17	18 U	ug/kg	18
4,4-DDT	18 U	ug/kg	18	60	ug/kg	17	28	ug/kg	18
Methoxychlor	3.5 U	ug/kg	3.5	86 U	ug/kg	86	91 U	ug/kg	91
Endrin ketone	3.5 U	ug/kg	3.5	17 U	ug/kg	17	18 U	ug/kg	18
Endrin aldehyde	1.8 U	ug/kg	1.8	17 U	ug/kg	17	18 U	ug/kg	18
alpha-Chlordane	1.8 U	ug/kg	1.8	9.8	ug/kg	9	6.8 J	ug/kg	9
gamma-Chlordane	180 U	ug/kg	180	2.9 J	ug/kg	9	5.6 J	ug/kg	9
Toxaphene	35 U	ug/kg	35	860 U	ug/kg	860	910 U	ug/kg	910
Aroclor-1016	70 U	ug/kg	70	170 U	ug/kg	170	180 U	ug/kg	180
Aroclor-1221	35 U	ug/kg	35	340 U	ug/kg	340	360 U	ug/kg	360
Aroclor-1232	35 U	ug/kg	35	170 U	ug/kg	170	180 U	ug/kg	180
Aroclor-1242	35 U	ug/kg	35	170 U	ug/kg	170	180 U	ug/kg	180
Aroclor-1248	35 U	ug/kg	35	170 U	ug/kg	170	180 U	ug/kg	180
Aroclor-1254	35 U	ug/kg	35	170 U	ug/kg	170	180 U	ug/kg	180
Aroclor-1260	35 U	ug/kg	35	170 U	ug/kg	170	180 U	ug/kg	180

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10611

Lab Sample Number:	C8541				C8542				C8543				C85JP			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00101				58S00201				58S00301				58S00401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	197		mg/kg	40	190		mg/kg	40	629		mg/kg	40	589		mg/kg	40
Antimony	.65	U	mg/kg	12	.63	U	mg/kg	12	.86	J	mg/kg	12	.67	U	mg/kg	12
Arsenic	.43	U	mg/kg	2	1.4	J	mg/kg	2	2.1	J	mg/kg	2	4.9		mg/kg	2
Barium	2.7	J	mg/kg	40	1.9	J	mg/kg	40	13.5	J	mg/kg	40	18.1	J	mg/kg	40
Beryllium	.22	U	mg/kg	1	.21	U	mg/kg	1	.21	U	mg/kg	1	.22	U	mg/kg	1
Cadmium	.22	U	mg/kg	1	.21	U	mg/kg	1	.38	J	mg/kg	1	.51	J	mg/kg	1
Calcium	1590		mg/kg	1000	592	J	mg/kg	1000	1970		mg/kg	1000	5430		mg/kg	1000
Chromium	1.2	J	mg/kg	2	1.2	J	mg/kg	2	4		mg/kg	2	1.5	J	mg/kg	2
Cobalt	.22	U	mg/kg	10	.21	U	mg/kg	10	.66	J	mg/kg	10	.22	U	mg/kg	10
Copper	.22	U	mg/kg	5	.36	J	mg/kg	5	3.9	J	mg/kg	5	8.1		mg/kg	5
Iron	93.1		mg/kg	20	277		mg/kg	20	847		mg/kg	20	381		mg/kg	20
Lead	1.4		mg/kg	.6	2		mg/kg	.6	46.4		mg/kg	.6	17.2		mg/kg	.6
Magnesium	29.1	J	mg/kg	1000	23.1	J	mg/kg	1000	177	J	mg/kg	1000	50.9	J	mg/kg	1000
Manganese	1.6	J	mg/kg	3	2.3	J	mg/kg	3	18.2		mg/kg	3	4.2		mg/kg	3
Mercury	.05	U	mg/kg	.1	.05	U	mg/kg	.1	.05	U	mg/kg	.1	.06	J	mg/kg	.1
Nickel	.43	U	mg/kg	8	.42	U	mg/kg	8	.75	J	mg/kg	8	.49	J	mg/kg	8
Potassium	10.1	U	mg/kg	1000	9.9	U	mg/kg	1000	42.9	J	mg/kg	1000	10.4	U	mg/kg	1000
Selenium	.86	U	mg/kg	1	.84	U	mg/kg	1	.86	U	mg/kg	1	.89	U	mg/kg	1
Silver	.22	U	mg/kg	2	.21	U	mg/kg	2	.21	U	mg/kg	2	.22	U	mg/kg	2
Sodium	35	J	mg/kg	1000	23.3	U	mg/kg	1000	38.3	J	mg/kg	1000	24.6	U	mg/kg	1000
Thallium	.65	U	mg/kg	2	.63	U	mg/kg	2	.86	J	mg/kg	2	.67	U	mg/kg	2
Vanadium	.67	J	mg/kg	10	.75	J	mg/kg	10	2	J	mg/kg	10	.89	J	mg/kg	10
Zinc	3.2	J	mg/kg	4	5.3		mg/kg	4	38.6		mg/kg	4	67.2		mg/kg	4
Cyanide	.06	U	mg/kg	.5	.06	U	mg/kg	.5	.06	U	mg/kg	.5	.06	U	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10611

Lab Sample Number:	C854J				C854K				C854L				C854N			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00501				58S00601				58S00601D				58S00701			
Collect Date:	12-FEB-97				12-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	231		mg/kg	40	2910		mg/kg	40	3650		mg/kg	40	2390		mg/kg	40
Antimony	.63	U	mg/kg	12	.67	U	mg/kg	12	.67	U	mg/kg	12	.66	U	mg/kg	12
Arsenic	.42	U	mg/kg	2	.45	U	mg/kg	2	.45	U	mg/kg	2	.44	U	mg/kg	2
Barium	3.4	J	mg/kg	40	36.3	J	mg/kg	40	47.8		mg/kg	40	12.2	J	mg/kg	40
Beryllium	.21	U	mg/kg	1	.22	U	mg/kg	1	.22	U	mg/kg	1	.22	U	mg/kg	1
Cadmium	.21	U	mg/kg	1	.33	J	mg/kg	1	.35	J	mg/kg	1	.22	U	mg/kg	1
Calcium	733	J	mg/kg	1000	4540		mg/kg	1000	7730		mg/kg	1000	2820		mg/kg	1000
Chromium	3.3		mg/kg	2	6.8		mg/kg	2	10		mg/kg	2	8.7		mg/kg	2
Cobalt	.21	U	mg/kg	10	.47	J	mg/kg	10	.46	J	mg/kg	10	.22	U	mg/kg	10
Copper	1.6	J	mg/kg	5	8.3		mg/kg	5	7.3		mg/kg	5	3.3	J	mg/kg	5
Iron	204		mg/kg	20	1040		mg/kg	20	974		mg/kg	20	496		mg/kg	20
Lead	1.4		mg/kg	.6	19.5		mg/kg	.6	19.9		mg/kg	.6	13.7		mg/kg	.6
Magnesium	15.5	J	mg/kg	1000	190	J	mg/kg	1000	853	J	mg/kg	1000	179	J	mg/kg	1000
Manganese	2.6	J	mg/kg	3	29.1		mg/kg	3	71.2		mg/kg	3	19.3		mg/kg	3
Mercury	.05	U	mg/kg	.1	.11	J	mg/kg	.1	.07	J	mg/kg	.1	.07	J	mg/kg	.1
Nickel	.99	J	mg/kg	8	.94	J	mg/kg	8	.99	J	mg/kg	8	.8	J	mg/kg	8
Potassium	9.9	U	mg/kg	1000	29.3	J	mg/kg	1000	107	J	mg/kg	1000	34.8	J	mg/kg	1000
Selenium	.84	U	mg/kg	1	.89	U	mg/kg	1	.94	J	mg/kg	1	.88	U	mg/kg	1
Silver	.21	U	mg/kg	2	.22	U	mg/kg	2	.22	U	mg/kg	2	.22	U	mg/kg	2
Sodium	23.4	U	mg/kg	1000	29	J	mg/kg	1000	32.8	J	mg/kg	1000	24.3	U	mg/kg	1000
Thallium	.63	U	mg/kg	2	.67	U	mg/kg	2	.67	U	mg/kg	2	.66	U	mg/kg	2
Vanadium	.72	J	mg/kg	10	3.6	J	mg/kg	10	3.8	J	mg/kg	10	2.6	J	mg/kg	10
Zinc	2.2	J	mg/kg	4	31		mg/kg	4	37.9		mg/kg	4	14.1		mg/kg	4
Cyanide	.06	U	mg/kg	.5	.09	J	mg/kg	.5	.07	J	mg/kg	.5	.07	J	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10611

Lab Sample Number:	C85JW				C854P				C854Q				C85J9			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00801				58S00901				58S00901D				58S01001			
Collect Date:	13-FEB-97				12-FEB-97				12-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	112		mg/kg	40	2160		mg/kg	40	1680		mg/kg	40	889		mg/kg	40
Antimony	.63	U	mg/kg	12	.66	U	mg/kg	12	.67	U	mg/kg	12	.64	U	mg/kg	12
Arsenic	.42	U	mg/kg	2	.44	U	mg/kg	2	.44	U	mg/kg	2	1.3	J	mg/kg	2
Barium	2.1	J	mg/kg	40	36.4	J	mg/kg	40	17.8	J	mg/kg	40	7.9	J	mg/kg	40
Beryllium	.21	U	mg/kg	1	.22	U	mg/kg	1	.22	U	mg/kg	1	.21	U	mg/kg	1
Cadmium	.21	U	mg/kg	1	.62	J	mg/kg	1	.59	J	mg/kg	1	.76	J	mg/kg	1
Calcium	5400		mg/kg	1000	61700		mg/kg	1000	61600		mg/kg	1000	47300		mg/kg	1000
Chromium	1	J	mg/kg	2	9.5		mg/kg	2	9.8		mg/kg	2	8		mg/kg	2
Cobalt	.21	U	mg/kg	10	.22	J	mg/kg	10	.22	U	mg/kg	10	.49	J	mg/kg	10
Copper	.21	U	mg/kg	5	12.2		mg/kg	5	11		mg/kg	5	21.6		mg/kg	5
Iron	76.8		mg/kg	20	1990		mg/kg	20	1040		mg/kg	20	2220		mg/kg	20
Lead	.71		mg/kg	.6	30.3		mg/kg	.6	31		mg/kg	.6	25.5		mg/kg	.6
Magnesium	35.4	J	mg/kg	1000	1360		mg/kg	1000	879	J	mg/kg	1000	582	J	mg/kg	1000
Manganese	2.4	J	mg/kg	3	38.9		mg/kg	3	25		mg/kg	3	74.6		mg/kg	3
Mercury	.05	U	mg/kg	.1	.14		mg/kg	.1	.16		mg/kg	.1	.07	J	mg/kg	.1
Nickel	.42	U	mg/kg	8	1.8	J	mg/kg	8	1.5	J	mg/kg	8	4.2	J	mg/kg	8
Potassium	9.9	U	mg/kg	1000	134	J	mg/kg	1000	62	J	mg/kg	1000	20.9	J	mg/kg	1000
Selenium	.84	U	mg/kg	1	.88	U	mg/kg	1	.89	U	mg/kg	1	.86	U	mg/kg	1
Silver	.21	U	mg/kg	2	.22	U	mg/kg	2	.28	J	mg/kg	2	.21	U	mg/kg	2
Sodium	23.4	U	mg/kg	1000	53.7	J	mg/kg	1000	24.7	U	mg/kg	1000	38.2	J	mg/kg	1000
Thallium	.63	U	mg/kg	2	.66	U	mg/kg	2	.67	U	mg/kg	2	.64	U	mg/kg	2
Vanadium	.54	J	mg/kg	10	3.3	J	mg/kg	10	3.1	J	mg/kg	10	3.8	J	mg/kg	10
Zinc	3.3	J	mg/kg	4	42.9		mg/kg	4	42.6		mg/kg	4	32.8		mg/kg	4
Cyanide	.07	J	mg/kg	.5	.08	J	mg/kg	.5	.06	U	mg/kg	.5	.07	J	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10611

Lab Sample Number:	C85JF				C85JG				C85JJ				C85JM			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S01101				58S01201				58S01301				58S01401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	237		mg/kg	40	2380		mg/kg	40	132		mg/kg	40	66.9		mg/kg	40
Antimony	.68	U	mg/kg	12	.72	J	mg/kg	12	.63	U	mg/kg	12	.62	U	mg/kg	12
Arsenic	.46	U	mg/kg	2	.45	U	mg/kg	2	.42	U	mg/kg	2	.41	U	mg/kg	2
Barium	5.9	J	mg/kg	40	6	J	mg/kg	40	2.2	J	mg/kg	40	3.1	J	mg/kg	40
Beryllium	.23	U	mg/kg	1	.85	J	mg/kg	1	.21	U	mg/kg	1	.21	U	mg/kg	1
Cadmium	.23	U	mg/kg	1	.23	U	mg/kg	1	.21	U	mg/kg	1	.21	U	mg/kg	1
Calcium	14500		mg/kg	1000	33300		mg/kg	1000	40700		mg/kg	1000	15300		mg/kg	1000
Chromium	2.1	J	mg/kg	2	4.2		mg/kg	2	2.4		mg/kg	2	1.3	J	mg/kg	2
Cobalt	.23	U	mg/kg	10	.57	J	mg/kg	10	.21	U	mg/kg	10	.21	U	mg/kg	10
Copper	.77	J	mg/kg	5	14.6		mg/kg	5	.36	J	mg/kg	5	.66	J	mg/kg	5
Iron	968		mg/kg	20	786		mg/kg	20	150		mg/kg	20	103		mg/kg	20
Lead	6.3		mg/kg	.6	17.2		mg/kg	.6	1.8		mg/kg	.6	2		mg/kg	.6
Magnesium	91.4	J	mg/kg	1000	247	J	mg/kg	1000	232	J	mg/kg	1000	103	J	mg/kg	1000
Manganese	10.8		mg/kg	3	16.2		mg/kg	3	5		mg/kg	3	2.9	J	mg/kg	3
Mercury	.06	U	mg/kg	.1	.06	U	mg/kg	.1	.05	U	mg/kg	.1	.05	J	mg/kg	.1
Nickel	.46	U	mg/kg	8	3.3	J	mg/kg	8	.42	U	mg/kg	8	.41	U	mg/kg	8
Potassium	10.7	U	mg/kg	1000	10.6	U	mg/kg	1000	9.9	U	mg/kg	1000	9.8	U	mg/kg	1000
Selenium	.91	U	mg/kg	1	.9	U	mg/kg	1	.84	U	mg/kg	1	.83	U	mg/kg	1
Silver	.23	U	mg/kg	2	.23	U	mg/kg	2	.21	U	mg/kg	2	.21	U	mg/kg	2
Sodium	25.3	U	mg/kg	1000	25.1	U	mg/kg	1000	23.4	U	mg/kg	1000	23	U	mg/kg	1000
Thallium	.68	U	mg/kg	2	.68	U	mg/kg	2	.63	U	mg/kg	2	.62	U	mg/kg	2
Vanadium	.82	J	mg/kg	10	2.2	J	mg/kg	10	1	J	mg/kg	10	.8	J	mg/kg	10
Zinc	8.5		mg/kg	4	50.9		mg/kg	4	8.4		mg/kg	4	4.3		mg/kg	4
Cyanide	.07	U	mg/kg	.5	.09	J	mg/kg	.5	.06	U	mg/kg	.5	.06	U	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10611

Lab Sample Number:	C85K9		
Site	CECILBRAC3		
Locator	58S01501		
Collect Date:	13-FEB-97		
	VALUE QUAL	UNITS	DL
CLP METALS AND CYANIDE			
Aluminum	1450	mg/kg	40
Antimony	.66 U	mg/kg	12
Arsenic	.44 U	mg/kg	2
Barium	3.5 J	mg/kg	40
Beryllium	.22 U	mg/kg	1
Cadmium	.22 U	mg/kg	1
Calcium	17100	mg/kg	1000
Chromium	3.6	mg/kg	2
Cobalt	.22 U	mg/kg	10
Copper	1.3 J	mg/kg	5
Iron	285	mg/kg	20
Lead	8.6	mg/kg	.6
Magnesium	134 J	mg/kg	1000
Manganese	5.3	mg/kg	3
Mercury	.05 U	mg/kg	.1
Nickel	.63 J	mg/kg	8
Potassium	10.3 U	mg/kg	1000
Selenium	.88 U	mg/kg	1
Silver	.22 U	mg/kg	2
Sodium	28.4 J	mg/kg	1000
Thallium	.66 U	mg/kg	2
Vanadium	1.9 J	mg/kg	10
Zinc	8.4	mg/kg	4
Cyanide	.1 J	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- TPH -- REQUEST NO. 10612

Lab Sample Number:	A7B1301700			A7B1301700			A7B1301700		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58S00101			58S00201			58S00301		
Collect Date:	12-FEB-97			12-FEB-97			12-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
Total petroleum hydrocarbons	31	mg/kg	11	39	mg/kg	10	5900	mg/kg	540

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- POLYNUCLEAR AROMATIC HYDROCARBONS REPORT -- REQ. NO. 10598

Lab Sample Number:	JR47327			JR47328			JR47329			JR473210		
Site	BRAC			BRAC			BRAC			BRAC		
Locator	58S03401			58S03501			58S03601			58S03701		
Collect Date:	22-DEC-98			22-DEC-98			22-DEC-98			22-DEC-98		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
PAHs												
Acenaphthene	21 U	ug/kg	21	180 U	ug/kg	180	18 U	ug/kg	18	180 U	ug/kg	180
Acenaphthylene	42 U	ug/kg	42	360 U	ug/kg	360	36 U	ug/kg	36	350 U	ug/kg	350
Anthracene	2 U	ug/kg	2	18 U	ug/kg	18	8	ug/kg	2	18 U	ug/kg	18
Benzo (a) anthracene	41	ug/kg	2.1	270	ug/kg	18	6.1	ug/kg	1.8	80	ug/kg	18
Benzo (b) fluoranthene	63	ug/kg	4	440	ug/kg	36	11	ug/kg	3	210	ug/kg	35
Benzo (k) fluoranthene	53	ug/kg	2	230	ug/kg	18	8	ug/kg	2	140	ug/kg	18
Benzo (a) pyrene	48	ug/kg	2	360	ug/kg	18	4	ug/kg	2	200	ug/kg	18
Chrysene	72	ug/kg	2.1	510	ug/kg	18	3.5	ug/kg	1.8	200	ug/kg	18
Dibenzo (a,h) anthracene	39	ug/kg	4.2	350	ug/kg	36	3.6 U	ug/kg	3.6	220	ug/kg	35
Fluoranthene	4.2 U	ug/kg	4.2	950	ug/kg	36	3.6 U	ug/kg	3.6	490	ug/kg	35
Fluorene	4.2 U	ug/kg	4.2	36 U	ug/kg	36	3.6 U	ug/kg	3.6	35 U	ug/kg	35
Indeno (1,2,3-cd) pyrene	39	ug/kg	2.1	240	ug/kg	18	5.2	ug/kg	1.8	170	ug/kg	18
Benzo (g,h,i) perylene	41	ug/kg	4.2	260	ug/kg	36	3.6 U	ug/kg	3.6	220	ug/kg	35
Naphthalene	21 U	ug/kg	21	180 U	ug/kg	180	500	ug/kg	18	180 U	ug/kg	180
Phenanthrene	2.1 U	ug/kg	2.1	95	ug/kg	18	17	ug/kg	1.8	47 J	ug/kg	18
Pyrene	2.1 U	ug/kg	2.1	760	ug/kg	18	1.8 U	ug/kg	1.8	320	ug/kg	18
1-Methylnaphthalene	120	ug/kg	21	180 U	ug/kg	180	140	ug/kg	18	180 U	ug/kg	180
2-Methylnaphthalene	120	ug/kg	21	180 U	ug/kg	180	72	ug/kg	18	180 U	ug/kg	180

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- POLYNUCLEAR AROMATIC HYDROCARBONS REPORT -- REQ. NO. 10598

Lab Sample Number:	JR473211		
Site	BRAC		
Locator	58S03801		
Collect Date:	22-DEC-98		
VALUE	QUAL	UNITS	DL
PAHs			
Acenaphthene	18 U	ug/kg	18
Acenaphthylene	35 U	ug/kg	35
Anthracene	2 U	ug/kg	2
Benzo (a) anthracene	19	ug/kg	1.8
Benzo (b) fluoranthene	57	ug/kg	3
Benzo (k) fluoranthene	32	ug/kg	2
Benzo (a) pyrene	42	ug/kg	2
Chrysene	40	ug/kg	1.8
Dibenzo (a,h) anthracene	69	ug/kg	3.5
Fluoranthene	140	ug/kg	3.5
Fluorene	3.5 U	ug/kg	3.5
Indeno (1,2,3-cd) pyrene	49	ug/kg	1.8
Benzo (g,h,i) perylene	57	ug/kg	3.5
Naphthalene	18 U	ug/kg	18
Phenanthrene	14	ug/kg	1.8
Pyrene	50	ug/kg	1.8
1-Methylnaphthalene	18 U	ug/kg	18
2-Methylnaphthalene	18 U	ug/kg	18

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- ARSENIC -- REPORT REQUEST NO. 10596

Lab Sample Number:	JR29702				JR29704				JR297010				JR297012			
Site	BRAC				BRAC				BRAC				BRAC			
Locator	58S01601				58S01701				58S01801				58S01901			
Collect Date:	27-AUG-98				27-AUG-98				27-AUG-98				27-AUG-98			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Arsenic	1.6	J	mg/kg	.6	2.4		mg/kg	.6	1	J	mg/kg	.5	.8	J	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- ARSENIC -- REPORT REQUEST NO. 10596

Lab Sample Number:	JR29706				JR29708				JR29701				JR29703			
Site	BRAC				BRAC				BRAC				BRAC			
Locator	58S02001				58S02101				58S02201				58S02301			
Collect Date:	27-AUG-98				27-AUG-98				27-AUG-98				27-AUG-98			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Arsenic	1.5	J	mg/kg	.6	1.8	J	mg/kg	.6	.6	U	mg/kg	.6	2		mg/kg	.6

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- ARSENIC -- REPORT REQUEST NO. 10596

Lab Sample Number:	JR29705			JR29707			JR29709			JR297011		
Site	BRAC			BRAC			BRAC			BRAC		
Locator	58S02401			58S02501			58S02601			58S02701		
Collect Date:	27-AUG-98			27-AUG-98			27-AUG-98			27-AUG-98		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
Arsenic	2.4	mg/kg	.5	1.7 J	mg/kg	.6	2.5	mg/kg	.6	2.6	mg/kg	.6

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- ARSENIC -- REPORT REQUEST NO. 10596

Lab Sample Number:		JR47321		
Site		BRAC		
Locator		58S02801		
Collect Date:		22-DEC-98		
	VALUE	QUAL UNITS		DL
Arsenic	.5	U mg/kg		.5

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NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- VOLATILES -- REQUEST NO. 10604

Lab Sample Number:	C80V4			C80V1			C80V5		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58G00201			58G00301			58G00401		
Collect Date:	04-FEB-97			04-FEB-97			04-FEB-97		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP VOLATILES 90-SOW									
Chloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromomethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Vinyl chloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Methylene chloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Acetone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbon disulfide	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1-Dichloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1-Dichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloroethene (total)	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chloroform	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Butanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,1-Trichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbon tetrachloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromodichloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloropropane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
cis-1,3-Dichloropropene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Trichloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Dibromochloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,2-Trichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Benzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
trans-1,3-Dichloropropene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromoform	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Methyl-2-pentanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Hexanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Tetrachloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Toluene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,2,2-Tetrachloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Ethylbenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Styrene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Xylenes (total)	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10

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R = RESULT IS REJECTED AND UNUSABLE

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- VOLATILES -- REQUEST NO. 10640

Lab Sample Number:	C8219			C81L7			C81L8			C8216		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	87G00101			87G00201			87G00201D			87G00301		
Collect Date:	06-FEB-97			05-FEB-97			05-FEB-97			06-FEB-97		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromomethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Vinyl chloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Methylene chloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Acetone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbon disulfide	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1-Dichloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1-Dichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloroethene (total)	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chloroform	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Butanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,1-Trichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbon tetrachloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromodichloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloropropane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
cis-1,3-Dichloropropene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Trichloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Dibromochloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,2-Trichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Benzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
trans-1,3-Dichloropropene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromoform	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Methyl-2-pentanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Hexanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Tetrachloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Toluene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	4 J	ug/l	10
1,1,2,2-Tetrachloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Ethylbenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Styrene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Xylenes (total)												

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

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- VOLATILES -- REQUEST NO. 10640

Lab Sample Number:	C8218			C821A			C81L9		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	87G00301D			87G00401			87G00501		
Collect Date:	06-FEB-97			06-FEB-97			05-FEB-97		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP VOLATILES 90-SOW									
Chloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromomethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Vinyl chloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Methylene chloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Acetone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbon disulfide	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1-Dichloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1-Dichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloroethene (total)	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chloroform	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Butanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,1-Trichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbon tetrachloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromodichloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloropropane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
cis-1,3-Dichloropropene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Trichloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Dibromochloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,2-Trichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Benzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
trans-1,3-Dichloropropene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromoform	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Methyl-2-pentanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Hexanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Tetrachloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Toluene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,2,2-Tetrachloroethane	5 J	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Ethylbenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Styrene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Xylenes (total)									

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

NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10605

Lab Sample Number:	C80V4			C80V1			C80V5		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58G00201			58G00301			58G00401		
Collect Date:	04-FEB-97			04-FEB-97			04-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW									
Phenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
bis(2-Chloroethyl) ether	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Chlorophenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,3-Dichlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,4-Dichlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Methylphenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,2-oxybis(1-Chloropropane)	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Methylphenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
N-Nitroso-di-n-propylamine	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Hexachloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Nitrobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Isophorone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Nitrophenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,4-Dimethylphenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
bis(2-Chloroethoxy) methane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,4-Dichlorophenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2,4-Trichlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Naphthalene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Chloroaniline	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Hexachlorobutadiene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Chloro-3-methylphenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Methylnaphthalene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Hexachlorocyclopentadiene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,4,6-Trichlorophenol	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
2,4,5-Trichlorophenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Chloronaphthalene	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
2-Nitroaniline	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Dimethylphthalate	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Acenaphthylene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,6-Dinitrotoluene	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
3-Nitroaniline	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Acenaphthene	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
2,4-Dinitrophenol	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
4-Nitrophenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Dibenzofuran	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,4-Dinitrotoluene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Diethylphthalate	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Chlorophenyl-phenylether	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Fluorene	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
4-Nitroaniline	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
4,6-Dinitro-2-methylphenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
N-Nitrosodiphenylamine	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Bromophenyl-phenylether	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Hexachlorobenzene	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
Pentachlorophenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Phenanthrene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Anthracene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbazole	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Di-n-butylphthalate	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10

NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10605

Lab Sample Number:	C80V4				C80V1				C80V5			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58G00201				58G00301				58G00401			
Collect Date:	04-FEB-97				04-FEB-97				04-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Butylbenzylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
3,3-Dichlorobenzidine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chrysene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	2	J	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibenzo (a,h) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

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

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10641

Lab Sample Number:	C8219				C81L7				C81L8				C8216			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	87G00101				87G00201				87G00201D				87G00301			
Collect Date:	06-FEB-97				05-FEB-97				05-FEB-97				06-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,3-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	3	J	ug/l	10
1,4-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	3	J	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Isophorone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Nitrophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethoxy) methane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	7	J	ug/l	10
1,2,4-Trichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Naphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chloroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4,6-Trichlorophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2,4,5-Trichlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Chloronaphthalene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2-Nitroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dimethylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,6-Dinitrotoluene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
3-Nitroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Acenaphthene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2,4-Dinitrophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4-Nitrophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibenzofuran	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Diethylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Fluorene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4,6-Dinitro-2-methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
N-Nitrosodiphenylamine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobenzene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Pentachlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Phenanthrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbazole	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-butylphthalate																

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10641

Lab Sample Number:	C8219				C81L7				C81L8				C8216			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	87G00101				87G00201				87G00201D				87G00301			
Collect Date:	06-FEB-97				05-FEB-97				05-FEB-97				06-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Butylbenzylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
3,3-Dichlorobenzidine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chrysene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibenzo (a,h) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

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

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10641

Lab Sample Number:	C8218			C821A			C81L9		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	87G00301D			87G00401			87G00501		
Collect Date:	06-FEB-97			06-FEB-97			05-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW									
Phenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
bis(2-Chloroethyl) ether	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Chlorophenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,3-Dichlorobenzene	4 J	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,4-Dichlorobenzene	4 J	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Methylphenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,2-oxybis(1-Chloropropane)	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Methylphenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
N-Nitroso-di-n-propylamine	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Hexachloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Nitrobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Isophorone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Nitrophenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,4-Dimethylphenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
bis(2-Chloroethoxy) methane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,4-Dichlorophenol	9 J	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2,4-Trichlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Naphthalene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Chloroaniline	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Hexachlorobutadiene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Chloro-3-methylphenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Methylnaphthalene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Hexachlorocyclopentadiene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,4,6-Trichlorophenol	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
2,4,5-Trichlorophenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Chloronaphthalene	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
2-Nitroaniline	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Dimethylphthalate	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Acenaphthylene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,6-Dinitrotoluene	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
3-Nitroaniline	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Acenaphthene	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
2,4-Dinitrophenol	25 U	ug/l	25	25 U	ug/l	25	25 U	ug/l	25
4-Nitrophenol	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Dibenzofuran	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2,4-Dinitrotoluene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Diethylphthalate	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Chlorophenyl-phenylether	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Fluorene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10641

Lab Sample Number:	C8218				C821A				C81L9			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	87G00301D				87G00401				87G00501			
Collect Date:	06-FEB-97				06-FEB-97				05-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4,6-Dinitro-2-methylphenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
N-Nitrosodiphenylamine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pentachlorophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Phenanthrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbazole	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-butylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Butylbenzylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
3,3-Dichlorobenzidine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chrysene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	1	J	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibenzo (a,h) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

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

NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- PESTICIDES/PCBs -- REQUEST NO. 10606

Lab Sample Number:	C80V4				C80V1				C80V5			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58G00201				58G00301				58G00401			
Collect Date:	04-FEB-97				04-FEB-97				04-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
beta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
delta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-BHC (Lindane)	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Aldrin	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor epoxide	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Endosulfan I	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Dieldrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDE	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan II	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDD	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan sulfate	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDT	.5	U	ug/l	.5	.5	U	ug/l	.5	.5	U	ug/l	.5
Methoxychlor	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin ketone	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin aldehyde	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
alpha-Chlordane	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-Chlordane	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Toxaphene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1016	2	U	ug/l	2	2	U	ug/l	2	2	U	ug/l	2
Aroclor-1221	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1232	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1242	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1248	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1254	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1260	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1

U = NOT DETECTED J = ESTIMATED VALUE
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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- PESTICIDES AND PCBs -- REQUEST NO. 10642

Lab Sample Number:	C8219				C81L7				C81L8				C8216		
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3		
Locator	87G00101				87G00201				87G00201D				87G00301		
Collect Date:	06-FEB-97				05-FEB-97				05-FEB-97				06-FEB-97		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	.01	J	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
beta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
delta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-BHC (Lindane)	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Aldrin	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor epoxide	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Endosulfan I	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Dieldrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDE	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan II	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDD	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan sulfate	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDT	.5	U	ug/l	.5	.5	U	ug/l	.5	.5	U	ug/l	.5	.5	U	ug/l	.5
Methoxychlor	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin ketone	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin aldehyde	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
alpha-Chlordane	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-Chlordane	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Toxaphene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1016	2	U	ug/l	2	2	U	ug/l	2	2	U	ug/l	2	2	U	ug/l	2
Aroclor-1221	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1232	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1242	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1248	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1254	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1260	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1

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

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- PESTICIDES AND PCBs -- REQUEST NO. 10642

Lab Sample Number:	C8218				C821A				C81L9			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	87G00301D				87G00401				87G00501			
Collect Date:	06-FEB-97				06-FEB-97				05-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
beta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
delta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-BHC (Lindane)	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Aldrin	.013	J	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor epoxide	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Endosulfan I	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Dieldrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDE	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan II	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDD	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan sulfate	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDT	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Methoxychlor	.5	U	ug/l	.5	.5	U	ug/l	.5	.5	U	ug/l	.5
Endrin ketone	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin aldehyde	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
alpha-Chlordane	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-Chlordane	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Toxaphene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Aroclor-1016	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1221	2	U	ug/l	2	2	U	ug/l	2	2	U	ug/l	2
Aroclor-1232	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1242	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1248	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1254	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1260	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1

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NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- INORGANICS -- REQUEST NO. 10607

Lab Sample Number:	C80V4				C80V1				C80V5			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58G00201				58G00301				58G00401			
Collect Date:	04-FEB-97				04-FEB-97				04-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	6240		ug/l	200	415		ug/l	200	103	J	ug/l	200
Antimony	3	U	ug/l	60	3	U	ug/l	60	3	U	ug/l	60
Arsenic	2	U	ug/l	10	2	U	ug/l	10	2	U	ug/l	10
Barium	28.9	J	ug/l	200	11.4	J	ug/l	200	24.3	J	ug/l	200
Beryllium	1	U	ug/l	5	1	U	ug/l	5	1	U	ug/l	5
Cadmium	1	U	ug/l	5	1	U	ug/l	5	1	U	ug/l	5
Calcium	13400		ug/l	5000	7480		ug/l	5000	46500		ug/l	5000
Chromium	3.9	J	ug/l	10	1	U	ug/l	10	1	U	ug/l	10
Cobalt	2.3	J	ug/l	50	1	U	ug/l	50	1.4	J	ug/l	50
Copper	1.8	J	ug/l	25	1	U	ug/l	25	1	U	ug/l	25
Iron	2030		ug/l	100	48.9	J	ug/l	100	36.7	J	ug/l	100
Lead	3.3		ug/l	3	1	U	ug/l	3	1	U	ug/l	3
Magnesium	2670	J	ug/l	5000	1340	J	ug/l	5000	3670	J	ug/l	5000
Manganese	185		ug/l	15	36		ug/l	15	48.9		ug/l	15
Mercury	.1	U	ug/l	.2	.1	U	ug/l	.2	.1	U	ug/l	.2
Nickel	2.5	J	ug/l	40	2	U	ug/l	40	2	U	ug/l	40
Potassium	526	J	ug/l	5000	266	J	ug/l	5000	1360	J	ug/l	5000
Selenium	4	U	ug/l	5	4	U	ug/l	5	4	U	ug/l	5
Silver	1	U	ug/l	10	1	U	ug/l	10	1	U	ug/l	10
Sodium	6840		ug/l	5000	1800	J	ug/l	5000	15500		ug/l	5000
Thallium	3	U	ug/l	10	3.3	J	ug/l	10	3.6	J	ug/l	10
Vanadium	6.6	J	ug/l	50	2.5	J	ug/l	50	6.3	J	ug/l	50
Zinc	16.3	J	ug/l	20	7.3	J	ug/l	20	53		ug/l	20
Cyanide	1.2	U	ug/l	10	1.8	J	ug/l	10	1.2	U	ug/l	10

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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- INORGANICS -- REQUEST NO. 10643

Lab Sample Number:	C8219			C81L7			C81L8			C81L8F		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	87G00101			87G00201			87G00201D			87G00201DF		
Collect Date:	06-FEB-97			05-FEB-97			05-FEB-97			05-FEB-97		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	213	ug/l	200	9180	ug/l	200	3110	ug/l	200	803	ug/l	200
Antimony	3 U	ug/l	60	3 U	ug/l	60	3 U	ug/l	60	3 U	ug/l	60
Arsenic	2 U	ug/l	10	2 U	ug/l	10	2 U	ug/l	10	2 U	ug/l	10
Barium	31.4 J	ug/l	200	20 J	ug/l	200	14.5 J	ug/l	200	10.7 J	ug/l	200
Beryllium	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5
Cadmium	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5
Calcium	5280	ug/l	5000	24100	ug/l	5000	23500	ug/l	5000	22700	ug/l	5000
Chromium	1 U	ug/l	10	6.9 J	ug/l	10	2.2 J	ug/l	10	1.7 J	ug/l	10
Cobalt	1.2 J	ug/l	50	1.2 J	ug/l	50	1 U	ug/l	50	1.1 J	ug/l	50
Copper	1 U	ug/l	25	1 J	ug/l	25	1 U	ug/l	25	1 U	ug/l	25
Iron	11 U	ug/l	100	1580	ug/l	100	576	ug/l	100	129	ug/l	100
Lead	1 U	ug/l	3	4.7	ug/l	3	1 U	ug/l	3	1 U	ug/l	3
Magnesium	2110 J	ug/l	5000	6140	ug/l	5000	6070	ug/l	5000	6060	ug/l	5000
Manganese	51.5	ug/l	15	13.1 J	ug/l	15	11 J	ug/l	15	9.9 J	ug/l	15
Mercury	.1 U	ug/l	.2	.1 U	ug/l	.2	.1 U	ug/l	.2	.1 U	ug/l	.2
Nickel	2 U	ug/l	40	2 U	ug/l	40	2 U	ug/l	40	2 U	ug/l	40
Potassium	563 J	ug/l	5000	7180	ug/l	5000	7290	ug/l	5000	7560	ug/l	5000
Selenium	4 U	ug/l	5	4 U	ug/l	5	4 U	ug/l	5	4 U	ug/l	5
Silver	1 U	ug/l	10	1 U	ug/l	10	1 U	ug/l	10	1 U	ug/l	10
Sodium	11500	ug/l	5000	11300	ug/l	5000	10300	ug/l	5000	10800	ug/l	5000
Thallium	3.3 J	ug/l	10	3 U	ug/l	10	3 U	ug/l	10	3 U	ug/l	10
Vanadium	2.1 J	ug/l	50	9.2 J	ug/l	50	4.9 J	ug/l	50	3 J	ug/l	50
Zinc	8.4 J	ug/l	20	9 J	ug/l	20	6.1 J	ug/l	20	2 U	ug/l	20
Cyanide	2 J	ug/l	10	2.7 J	ug/l	10	1.3 J	ug/l	10	-		

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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- INORGANICS -- REQUEST NO. 10643

Lab Sample Number:	C81L7F			C8216			C8218			C821A		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	87G00201F			87G00301			87G00301D			87G00401		
Collect Date:	05-FEB-97			06-FEB-97			06-FEB-97			06-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	709	ug/l	200	36400	ug/l	200	224	ug/l	200	53.3 J	ug/l	200
Antimony	4.4 J	ug/l	60	3 U	ug/l	60	3 U	ug/l	60	3 U	ug/l	60
Arsenic	2 U	ug/l	10	2 U	ug/l	10	2 U	ug/l	10	2 U	ug/l	10
Barium	10.9 J	ug/l	200	45.4 J	ug/l	200	18.8 J	ug/l	200	9.7 J	ug/l	200
Beryllium	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5
Cadmium	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5
Calcium	23300	ug/l	5000	87500	ug/l	5000	83100	ug/l	5000	52200	ug/l	5000
Chromium	1 U	ug/l	10	26.1	ug/l	10	1 U	ug/l	10	1 U	ug/l	10
Cobalt	1.2 J	ug/l	50	2.6 J	ug/l	50	1 U	ug/l	50	1.2 J	ug/l	50
Copper	1 U	ug/l	25	5.4 J	ug/l	25	1 U	ug/l	25	1 U	ug/l	25
Iron	111	ug/l	100	4590	ug/l	100	51.4 J	ug/l	100	124	ug/l	100
Lead	1 U	ug/l	3	13.9	ug/l	3	1 U	ug/l	3	1 U	ug/l	3
Magnesium	6220	ug/l	5000	5250	ug/l	5000	4140 J	ug/l	5000	2290 J	ug/l	5000
Manganese	10.6 J	ug/l	15	28.3	ug/l	15	3.5 J	ug/l	15	24.6	ug/l	15
Mercury	.1 U	ug/l	.2	.1 U	ug/l	.2	.1 U	ug/l	.2	.1 U	ug/l	.2
Nickel	2 U	ug/l	40	10.8 J	ug/l	40	2 U	ug/l	40	2 U	ug/l	40
Potassium	7520	ug/l	5000	2460 J	ug/l	5000	1500 J	ug/l	5000	513 J	ug/l	5000
Selenium	4 U	ug/l	5	6.4	ug/l	5	4 U	ug/l	5	4 U	ug/l	5
Silver	1 U	ug/l	10	1 U	ug/l	10	1 U	ug/l	10	1 U	ug/l	10
Sodium	10800	ug/l	5000	18300	ug/l	5000	16800	ug/l	5000	1810 J	ug/l	5000
Thallium	3.6 J	ug/l	10	3 U	ug/l	10	3 U	ug/l	10	3 U	ug/l	10
Vanadium	2.6 J	ug/l	50	30 J	ug/l	50	4.9 J	ug/l	50	3 J	ug/l	50
Zinc	8.3 J	ug/l	20	18.6 J	ug/l	20	2.1 J	ug/l	20	5.2 J	ug/l	20
Cyanide	-			1.2 U	ug/l	10	1.2 U	ug/l	10	1.2 U	ug/l	10

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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- INORGANICS -- REQUEST NO. 10643

Lab Sample Number:	C81L9			
Site	CECILBRAC3			
Locator	87G00501			
Collect Date:	05-FEB-97			
	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	78.4	J	ug/l	200
Antimony	3	U	ug/l	60
Arsenic	2	U	ug/l	10
Barium	31.3	J	ug/l	200
Beryllium	1	U	ug/l	5
Cadmium	1	U	ug/l	5
Calcium	76500		ug/l	5000
Chromium	1	U	ug/l	10
Cobalt	1.1	J	ug/l	50
Copper	1	U	ug/l	25
Iron	328		ug/l	100
Lead	1	U	ug/l	3
Magnesium	9240		ug/l	5000
Manganese	23.7		ug/l	15
Mercury	.1	U	ug/l	.2
Nickel	2	U	ug/l	40
Potassium	1660	J	ug/l	5000
Selenium	4	U	ug/l	5
Silver	1	U	ug/l	10
Sodium	6670		ug/l	5000
Thallium	3	U	ug/l	10
Vanadium	1	U	ug/l	50
Zinc	6.3	J	ug/l	20
Cyanide	1.2	U	ug/l	10

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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- INORGANICS -- REQUEST NO. 10644

Lab Sample Number:		JR38611		
Site		BRAC		
Locator		87G00302		
Collect Date:		28-OCT-98		
	VALUE	QUAL UNITS		DL
Aluminum	1.3		mg/l	.05
Aluminum-DISS	.11		mg/l	.05

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NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- MANGANESE -- REQUEST NO. 10613

Lab Sample Number:		JR38612		
Site		BRAC		
Locator		58G00202		
Collect Date:		28-OCT-98		
	VALUE	QUAL UNITS		DL
Manganese	.043		mg/l	.01
Manganese-DISS	.048		mg/l	.01

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NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- VOLATILES -- REQUEST NO. 10599

Lab Sample Number:	C832K				C832L			
Site	CECILBRAC3				CECILBRAC3			
Locator	58D00101				58D00201			
Collect Date:	08-FEB-97				08-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	11	U	ug/kg	11	12	U	ug/kg	12
Acetone	11	U	ug/kg	11	12	U	ug/kg	12
Carbon disulfide	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethene	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethene (total)	11	U	ug/kg	11	12	U	ug/kg	12
Chloroform	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
2-Butanone	11	U	ug/kg	11	12	U	ug/kg	12
1,1,1-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Carbon tetrachloride	11	U	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloropropane	11	U	ug/kg	11	12	U	ug/kg	12
cis-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12
Trichloroethene	11	U	ug/kg	11	12	U	ug/kg	12
Dibromochloromethane	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Benzene	11	U	ug/kg	11	12	U	ug/kg	12
trans-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12
Bromoform	11	U	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	12	U	ug/kg	12
2-Hexanone	11	U	ug/kg	11	12	U	ug/kg	12
Tetrachloroethene	11	U	ug/kg	11	12	U	ug/kg	12
Toluene	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Chlorobenzene	11	U	ug/kg	11	12	U	ug/kg	12
Ethylbenzene	11	U	ug/kg	11	12	U	ug/kg	12
Styrene	11	U	ug/kg	11	12	U	ug/kg	12
Xylenes (total)	11	U	ug/kg	11	12	U	ug/kg	12

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NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- SEMIVOLATILES -- REQUEST NO. 10600

Lab Sample Number:	C832K				C832L			
Site	CECILBRAC3				CECILBRAC3			
Locator	58D00101				58D00201			
Collect Date:	08-FEB-97				08-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW								
Phenol	370	U	ug/kg	370	410	U	ug/kg	410
bis(2-Chloroethyl) ether	370	U	ug/kg	370	410	U	ug/kg	410
2-Chlorophenol	370	U	ug/kg	370	410	U	ug/kg	410
1,3-Dichlorobenzene	370	U	ug/kg	370	410	U	ug/kg	410
1,4-Dichlorobenzene	370	U	ug/kg	370	410	U	ug/kg	410
1,2-Dichlorobenzene	370	U	ug/kg	370	410	U	ug/kg	410
2-Methylphenol	370	U	ug/kg	370	410	U	ug/kg	410
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	410	U	ug/kg	410
4-Methylphenol	370	U	ug/kg	370	410	U	ug/kg	410
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	410	U	ug/kg	410
Hexachloroethane	370	U	ug/kg	370	410	U	ug/kg	410
Nitrobenzene	370	U	ug/kg	370	410	U	ug/kg	410
Isophorone	370	U	ug/kg	370	410	U	ug/kg	410
2-Nitrophenol	370	U	ug/kg	370	410	U	ug/kg	410
2,4-Dimethylphenol	370	U	ug/kg	370	410	U	ug/kg	410
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	410	U	ug/kg	410
2,4-Dichlorophenol	370	U	ug/kg	370	410	U	ug/kg	410
1,2,4-Trichlorobenzene	370	U	ug/kg	370	410	U	ug/kg	410
Naphthalene	370	U	ug/kg	370	410	U	ug/kg	410
4-Chloroaniline	370	U	ug/kg	370	410	U	ug/kg	410
Hexachlorobutadiene	370	U	ug/kg	370	410	U	ug/kg	410
4-Chloro-3-methylphenol	370	U	ug/kg	370	410	U	ug/kg	410
2-Methylnaphthalene	370	U	ug/kg	370	410	U	ug/kg	410
Hexachlorocyclopentadiene	370	U	ug/kg	370	410	U	ug/kg	410
2,4,6-Trichlorophenol	890	U	ug/kg	890	980	U	ug/kg	980
2,4,5-Trichlorophenol	370	U	ug/kg	370	410	U	ug/kg	410
2-Chloronaphthalene	890	U	ug/kg	890	980	U	ug/kg	980
2-Nitroaniline	370	U	ug/kg	370	410	U	ug/kg	410
Dimethylphthalate	370	U	ug/kg	370	410	U	ug/kg	410
Acenaphthylene	370	U	ug/kg	370	410	U	ug/kg	410
2,6-Dinitrotoluene	890	U	ug/kg	890	980	U	ug/kg	980
3-Nitroaniline	370	U	ug/kg	370	410	U	ug/kg	410
Acenaphthene	890	U	ug/kg	890	980	U	ug/kg	980
2,4-Dinitrophenol	890	U	ug/kg	890	980	U	ug/kg	980
4-Nitrophenol	370	U	ug/kg	370	410	U	ug/kg	410
Dibenzofuran	370	U	ug/kg	370	410	U	ug/kg	410
2,4-Dinitrotoluene	370	U	ug/kg	370	410	U	ug/kg	410
Diethylphthalate	370	U	ug/kg	370	410	U	ug/kg	410
4-Chlorophenyl-phenylether	370	U	ug/kg	370	410	U	ug/kg	410
Fluorene	890	U	ug/kg	890	980	U	ug/kg	980
4-Nitroaniline	890	U	ug/kg	890	980	U	ug/kg	980
4,6-Dinitro-2-methylphenol	370	U	ug/kg	370	410	U	ug/kg	410
N-Nitrosodiphenylamine	370	U	ug/kg	370	410	U	ug/kg	410
4-Bromophenyl-phenylether	370	U	ug/kg	370	410	U	ug/kg	410
Hexachlorobenzene	890	U	ug/kg	890	980	U	ug/kg	980
Pentachlorophenol	370	U	ug/kg	370	410	U	ug/kg	410
Phenanthrene	370	U	ug/kg	370	410	U	ug/kg	410
Anthracene	370	U	ug/kg	370	410	U	ug/kg	410
Carbazole	370	U	ug/kg	370	410	U	ug/kg	410
Di-n-butylphthalate								

NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- SEMIVOLATILES -- REQUEST NO. 10600

Lab Sample Number:	C832K				C832L			
Site	CECILBRAC3				CECILBRAC3			
Locator	58D00101				58D00201			
Collect Date:	08-FEB-97				08-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluoranthene	49	J	ug/kg	360	54	J	ug/kg	410
Pyrene	140	J	ug/kg	360	89	J	ug/kg	410
Butylbenzylphthalate	370	U	ug/kg	370	410	U	ug/kg	410
3,3-Dichlorobenzidine	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (a) anthracene	47	J	ug/kg	360	410	U	ug/kg	410
Chrysene	73	J	ug/kg	360	55	J	ug/kg	410
bis(2-Ethylhexyl) phthalate	56	J	ug/kg	360	48	J	ug/kg	410
Di-n-octylphthalate	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (b) fluoranthene	84	J	ug/kg	360	90	J	ug/kg	410
Benzo (k) fluoranthene	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (a) pyrene	70	J	ug/kg	360	58	J	ug/kg	410
Indeno (1,2,3-cd) pyrene	42	J	ug/kg	360	410	U	ug/kg	410
Dibenzo (a,h) anthracene	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (g,h,i) perylene	45	J	ug/kg	360	410	U	ug/kg	410

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

NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- PESTICIDES/PCBs -- REQUEST NO. 10601

Lab Sample Number:	C832K			C832L		
Site	CECILBRAC3			CECILBRAC3		
Locator	58D00101			58D00201		
Collect Date:	07-FEB-97			07-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW						
alpha-BHC	3.7 U	ug/kg	3.7	10 U	ug/kg	10
beta-BHC	3.7 U	ug/kg	3.7	10 U	ug/kg	10
delta-BHC	3.7 U	ug/kg	3.7	10 U	ug/kg	10
gamma-BHC (Lindane)	3.7 U	ug/kg	3.7	10 U	ug/kg	10
Heptachlor	3.7 U	ug/kg	3.7	10 U	ug/kg	10
Aldrin	3.4 J	ug/kg	4	10 U	ug/kg	10
Heptachlor epoxide	3.7 U	ug/kg	3.7	10 U	ug/kg	10
Endosulfan I	7.4 U	ug/kg	7.4	20 U	ug/kg	20
Dieldrin	20	ug/kg	7	6.7 J	ug/kg	20
4,4-DDE	.48 J	ug/kg	7	20 U	ug/kg	20
Endrin	7.4 U	ug/kg	7.4	20 U	ug/kg	20
Endosulfan II	19 J	ug/kg	7	20 U	ug/kg	20
4,4-DDD	7.4 U	ug/kg	7.4	20 U	ug/kg	20
Endosulfan sulfate	5 J	ug/kg	7	20 U	ug/kg	20
4,4-DDT	24 J	ug/kg	38	100 U	ug/kg	100
Methoxychlor	7.4 U	ug/kg	7.4	20 U	ug/kg	20
Endrin ketone	7.4 U	ug/kg	7.4	20 U	ug/kg	20
Endrin aldehyde	27 J	ug/kg	4	1.5 J	ug/kg	10
alpha-Chlordane	23	ug/kg	4	10 U	ug/kg	10
gamma-Chlordane	370 U	ug/kg	370	1000 U	ug/kg	1000
Toxaphene	74 U	ug/kg	74	200 U	ug/kg	200
Aroclor-1016	150 U	ug/kg	150	410 U	ug/kg	410
Aroclor-1221	74 U	ug/kg	74	200 U	ug/kg	200
Aroclor-1232	74 U	ug/kg	74	200 U	ug/kg	200
Aroclor-1242	74 U	ug/kg	74	200 U	ug/kg	200
Aroclor-1248	74 U	ug/kg	74	200 U	ug/kg	200
Aroclor-1254	110 J	ug/kg	73	200 U	ug/kg	200
Aroclor-1260						

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

NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- INORGANICS -- REQUEST NO. 10602

Lab Sample Number:	C832K				C832L			
Site	CECILBRAC3				CECILBRAC3			
Locator	58D00101				58D00201			
Collect Date:	08-FEB-97				08-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	1360		mg/kg	40	3550		mg/kg	40
Antimony	.67	U	mg/kg	12	.74	U	mg/kg	12
Arsenic	.44	U	mg/kg	2	.61	J	mg/kg	2
Barium	5.5	J	mg/kg	40	6.3	J	mg/kg	40
Beryllium	.22	U	mg/kg	1	.25	U	mg/kg	1
Cadmium	.34	J	mg/kg	1	.38	J	mg/kg	1
Calcium	4800		mg/kg	1000	6130		mg/kg	1000
Chromium	3.3		mg/kg	2	7.7		mg/kg	2
Cobalt	.22	U	mg/kg	10	.25	U	mg/kg	10
Copper	4.1	J	mg/kg	5	6	J	mg/kg	5
Iron	604		mg/kg	20	1170		mg/kg	20
Lead	64.3		mg/kg	.6	30.6		mg/kg	.6
Magnesium	214	J	mg/kg	1000	126	J	mg/kg	1000
Manganese	25.9		mg/kg	3	9		mg/kg	3
Mercury	.06	U	mg/kg	.1	.06	U	mg/kg	.1
Nickel	1.5	J	mg/kg	8	2.1	J	mg/kg	8
Potassium	21	J	mg/kg	1000	31.2	J	mg/kg	1000
Selenium	.89	U	mg/kg	1	.99	U	mg/kg	1
Silver	.22	U	mg/kg	2	.25	U	mg/kg	2
Sodium	25.3	J	mg/kg	1000	28	J	mg/kg	1000
Thallium	.67	U	mg/kg	2	.85	J	mg/kg	2
Vanadium	4.6	J	mg/kg	10	5.1	J	mg/kg	10
Zinc	24.3		mg/kg	4	48.4		mg/kg	4
Cyanide	.06	U	mg/kg	.5	.07	U	mg/kg	.5

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

NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- TPH & TOC -- REQUEST NO. 10603

Lab Sample Number:	A7B0801150				A7B0801150		
Site	CECILBRAC3				CECILBRAC3		
Locator	58D00101				58D00201		
Collect Date:	07-FEB-97				07-FEB-97		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Total petroleum hydrocarbons	440		mg/kg	56	86		mg/kg	12
Total organic carbon	7800		mg/kg	110	12000		mg/kg	120

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

APPENDIX C

TANK MANAGEMENT PROGRAM REFERENCE LISTING FOR STORAGE TANK AND OIL-WATER SEPARATORS

TANK REFERENCES

Harding Lawson Associates (HLA). 1998. *Confirmatory Sampling Report, Building 80, Tank 80-R AND 80-UL, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (October).

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HLA. 1997. *Confirmatory Sampling Report, Building 80, Tank 80, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (November).

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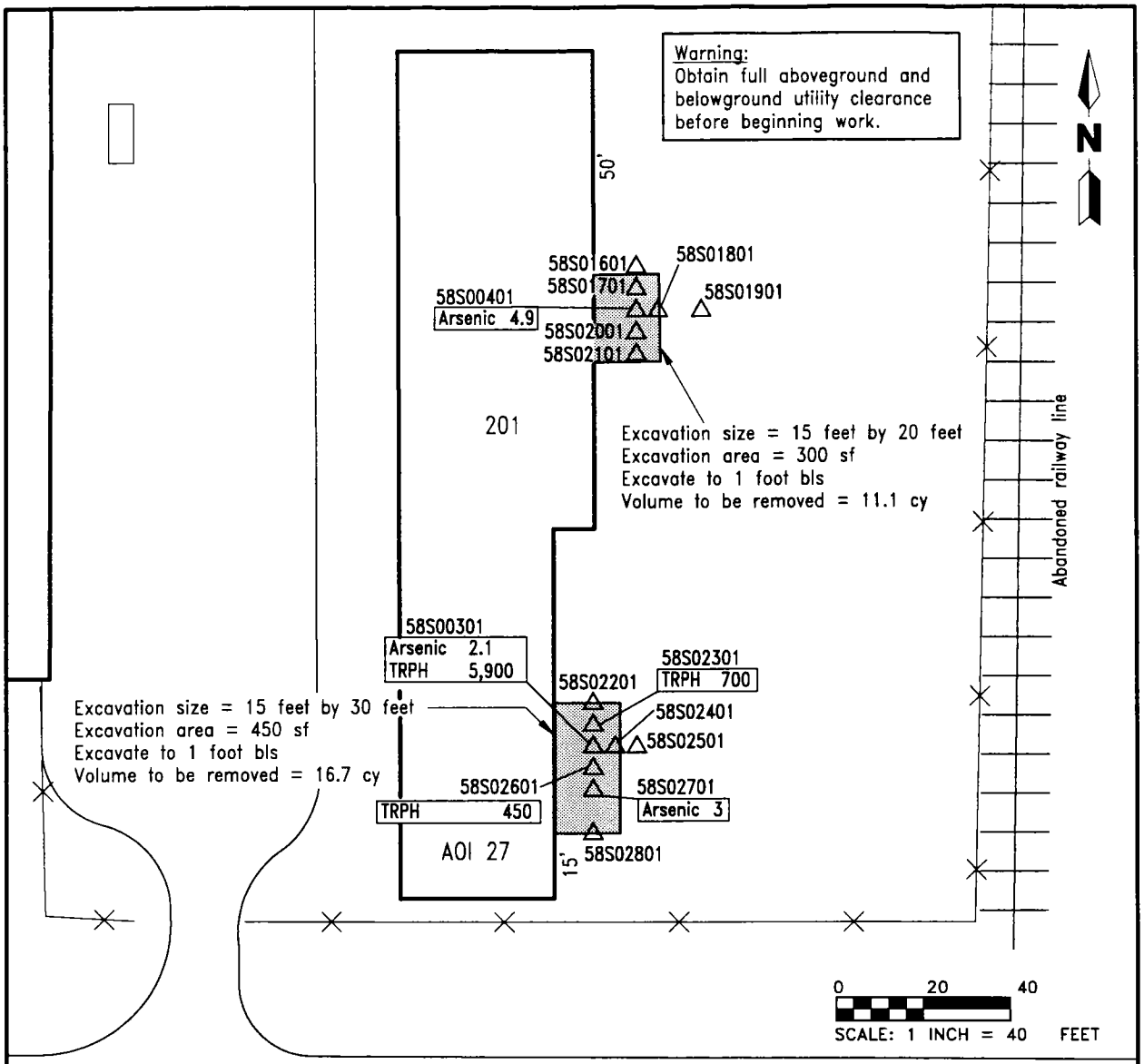
HLA. 1999. *Confirmatory Sampling Report, Building 80, Tank 80-OW3, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (April, Revision 1.0).

HLA. 1999. *Confirmatory Sampling Report, Building 80, Tank 80-OW5, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (April, Revision 1.0).

APPENDIX D

PROPOSED EXCAVATION LIMITS FOR SOIL REMOVAL ACTIONS AT FACILITY 201 AND AOI-27



Notes:

1. Warning: Obtain utility clearance before excavating.
2. Extent of excavation to be marked by Harding Lawson Associates.
3. Contaminants of concern are arsenic and total recoverable petroleum hydrocarbons.
4. Waste characterization, transport, and disposal of all excavated soil is the responsibility of the remedial action contractor.
5. Return site to previous conditions.
6. All soil concentrations are in milligrams per kilogram.
7. Only analytes exceeding Florida Cleanup Target Levels are shown.

LEGEND

58S02801 △	BRAC surface soil sample location and designation
▒	Area to be excavated
sf	Square feet
cy	Cubic yards
bls	Below land surface
AOI	Area of interest
BRAC	Base Realignment and Closure
—×—×—	Fence

FIGURE D-1
FACILITY 201 AND AOI 27

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SAMPLING AND ANALYSIS REPORT

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

SAMPLING AND ANALYSIS REPORT

TRANSPORTATION AND FUEL MANAGEMENT COMPOUND AND PUBLIC WORKS MAINTENANCE CONTRACTOR AREA

BASE REALIGNMENT AND CLOSURE

ZONE C, DEVELOPED NONINDUSTRIAL AREA

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

Unit Identification Code: N60200

Contract No.: N62467-89-D-0317/090

Prepared by:

Harding Lawson Associates
2590 Executive Center Circle, East
Tallahassee, Florida 32301

Prepared for:

Department of the Navy, Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
North Charleston, South Carolina 29418

Scott Glass, Code 18B12, BRAC Environmental Coordinator

June 1999

Revision 0.0

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GLOSSARY

ABB-ES	ABB Environmental Services, Inc
AST	aboveground storage tank
FDEP	Florida Department of Environmental Protection
GCTL	groundwater cleanup target level
HLA	Harding Lawson Associates
NAS	Naval Air Station
SVOC	semivolatile organic compound
TRPH	total recoverable petroleum hydrocarbons
UST	underground storage tank
VOC	volatile organic compound

1.0 INTRODUCTION

Harding Lawson Associates (HLA), under contract to Southern Division, Naval Facilities Engineering Command, has completed the Phase II Sampling and Analysis program for the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area at Naval Air Station (NAS) Cecil Field. This report summarizes the related field operations, results, conclusions, and recommendations.

The Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area are located on the north side of 9th Street, between B Avenue and D Avenue. The Transportation and Fuel Management Compound is adjacent to the west of the Public Works Maintenance Contractor Area (Figure 1).

The Transportation and Fuel Management Compound, including Facilities 49, 80 80C, 178, 180, 384, 584, and 928, comprises approximately 8 acres, the majority of which is asphalt-paved, or occupied by structures. The eastern half of the compound is secured by a perimeter fence. Major facilities within the Transportation and Fuel Management Compound include three automotive maintenance shops (Facilities 80, 384, and 928), a battery shop (Facility 80C), a refueling vehicle maintenance shop (Facility 178), a fuel dispensing island (Facility 180), and an administrative building (Facility 49). A transformer, adjacent to the east of Facility 80, is identified as Facility 584. Other facilities within the Transportation and Fuel Management Compound include aboveground and underground storage tanks (AST and UST) for fuel, aboveground waste oil storage tanks, oil-water separators, and a retention pond.

The Public Works Maintenance Contractor Area, including Facilities 78, 81, 87, 98, 100, 101, 201, 247, 929, Area of interest (AOI) 25, AOI 26, and AOI 27, comprises approximately 5 acres, the majority of which is asphalt-paved, or occupied by structures. The entire area is secured by a perimeter fence. Major facilities within the Public Works Maintenance Contractor Area include wood and sheet metal fabrication shops in Facility 81, and Storage Facilities 78, 87, 98, 100, 101, 201, and 247. Other facilities within the Public Works Maintenance Contractor Area include an underground fuel storage tank, an oil-water separator, an abandoned washrack, and a sheltered hazardous waste collection point (AOI 27). An open unpaved area north of Facility 81, used for storage of salvaged electrical equipment, is designated as AOI 25.

1.1 POTENTIAL ENVIRONMENTAL CONCERNS (PETROLEUM-RELATED). Numerous potential environmental concerns were identified within the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area, during the Environmental Baseline Survey of NAS Cecil Field (ABB Environmental Services, Inc. [ABB-ES], 1994b). Environmental concerns associated with potential sources of petroleum oil or lubricant release have been evaluated separately from concerns related to potential release of hazardous substances from other sources. Potential sources of petroleum oil or lubricant release include the following:

- Three 10,000-gallon vehicular fuel ASTs (Tanks 180-A, -B and -C) for fuel dispensed at Facility 180,

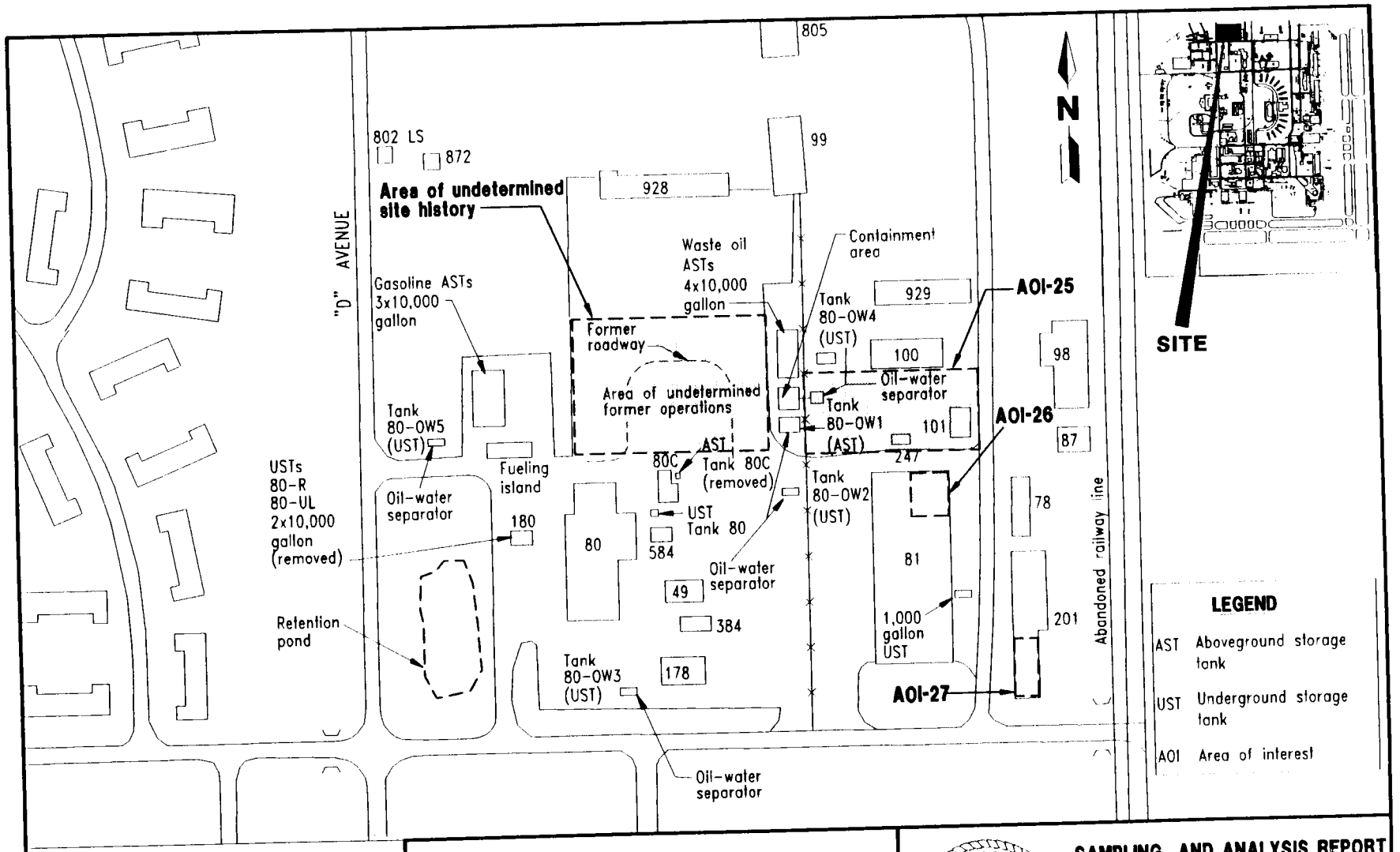

FIGURE 1
TRANSPORTATION AND FUEL MANAGEMENT COMPOUND AND PUBLIC WORKS MAINTENANCE CONTRACTOR AREA SITE PLAN

SAMPLING AND ANALYSIS REPORT

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

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- Four 5,000-gallon used oil ASTs (Tanks 80-132 through 80-136), located 300-feet northeast of Facility 80,

- One 1,000-gallon UST (Tank 81) formerly used for heating oil storage, near the east side of Facility 81,

- Two removed USTs (Tanks 80-R and 80-UL), formerly dispensed fuel at an island west of Facility 80,

- One removed UST (Tank 80) formerly used for heating oil storage, near the east side of Facility 80,

- One removed AST (Tank 80-C) formerly used for fuel oil storage, near the northeast corner of Facility 80C, and

- Five oil-water separators (80-OW1 through 80-OW5).

Tanks 180-A, -B, and -C, are in service and are reported to be in compliance. No investigation has been conducted for these tanks. Tanks 80-R and 80-UL have been removed, and a clean closure with no further action has been proposed. Oil water separator 80-OW1 is portable and aboveground, and no evidence of release was observed. Therefore, no investigation has been undertaken for 80-OW1. No excessively contaminated soil was detected during investigations for oil water separators 80-OW3 and 80-OW5. Confirmatory Sampling Reports for these facilities recommend no further action.

Excessively contaminated soil was encountered during investigations for Tanks 80 and 81, Tanks 80-132 to 80-136, and oil-water separators 80-OW2 and 80-OW4. Groundwater at Tanks 80-132 to 80-136 and oil-water separator 80-OW2 is not contaminated. Groundwater contamination has been confirmed at Tanks 80 and 81. No groundwater data is currently available for oil-water separator 80-OW4.

The location and environmental condition of storage tanks and oil-water separators discussed above are illustrated in Figure 2. Additional details are available in Site Assessment Reports and Confirmatory Sampling Reports for the individual storage tanks or oil-water separators (refer to Appendix C).

1.2 POTENTIAL ENVIRONMENTAL CONCERNS (NONPETROLEUM-RELATED). Identified environmental concerns within the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area associated with potential release of hazardous (nonpetroleum) substances include the following:

- Facility 928, Stressed vegetation was observed near the east end of the building.

- Facility 80, Portable tankers parked north of Facility 80 may potentially release used oil or solvents.

- An area of undetermined activity was identified on historical air photos (unpaved roadway).

- Nonpetroleum compounds could potentially be released from oil-water separators.

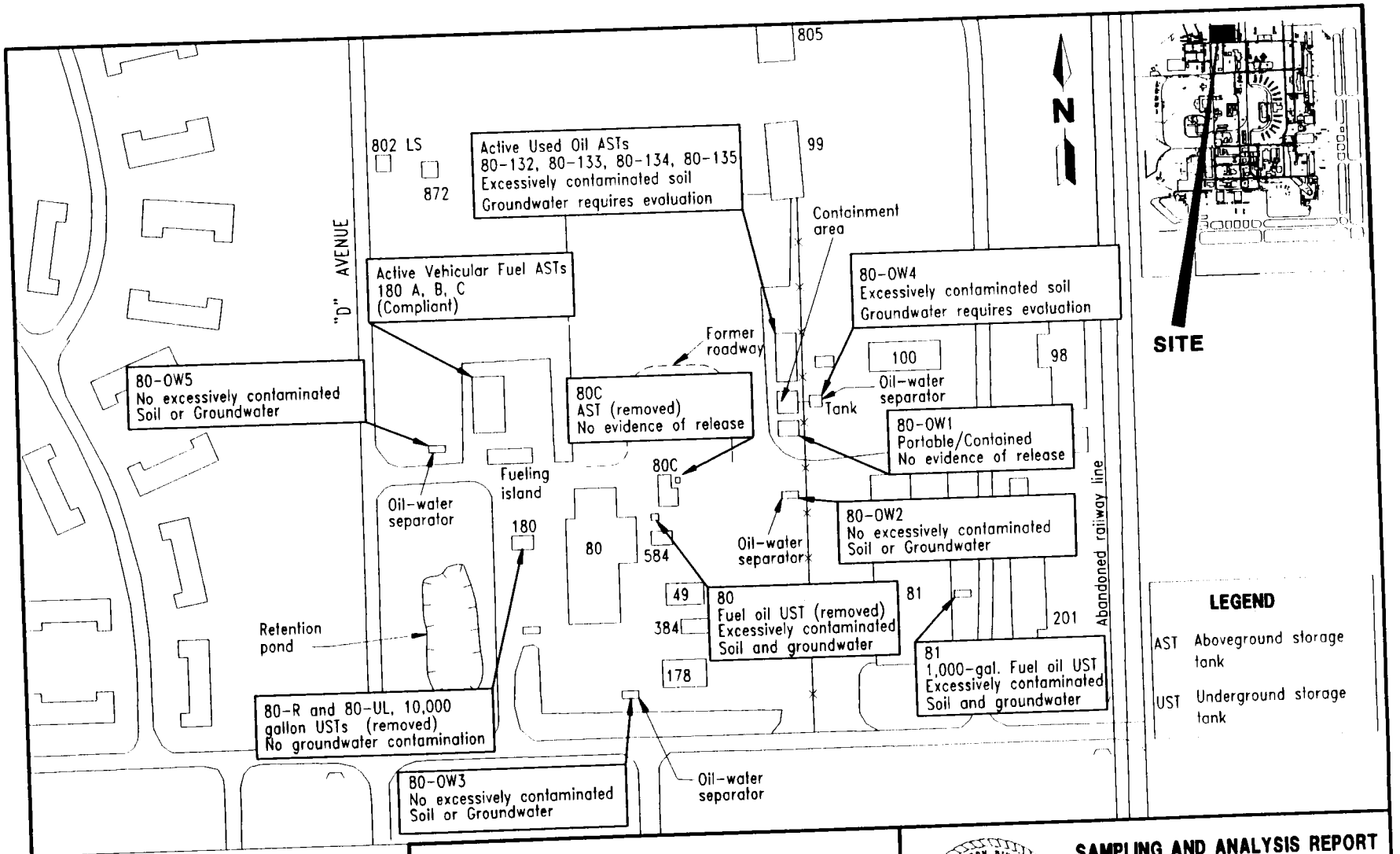

FIGURE 2
TRANSPORTATION AND FUEL MANAGEMENT COMPOUND AND PUBLIC WORKS MAINTENANCE CONTRACTOR AREA STORAGE TANK AND OIL-WATER SEPARATOR LOCATION PLAN

SAMPLING AND ANALYSIS REPORT

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

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- Facility 80C, Potential exists for infiltration of contaminants through cracked pavement east of the building.
- AOI-25, Transformers are stored in this unpaved area (includes OW-4, and an abandoned washrack)
- AOI-26, DDT is reported to have been stored in this room, located in the northeast corner of Facility 81
- AOI-27, Hazardous wastes are accumulated in this area, located at the south end of Facility 201
- Facility 98, Stressed vegetation was observed east of the building along a railroad loading dock.
- Facility 100,The information available for historical site activities at Facility 100 is not complete.
- Facility 101, Pesticides have been stored, and possibly mixed at this facility located within AOI-25.
- Facility 201, Portable waste oil containers were formerly located on unpaved surface east of the building.
- Facility 247, Pesticides have been stored at this facility located within AOI-25.
- Facility 584, Facility 584 is a transformer pad.

Sampling and Analysis Outlines for the assessment of soil and groundwater at the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area were prepared by HLA (then ABB-ES) and approved by the Base Realignment and Closure cleanup team (ABB-ES, 1997a, 1997b). The results of the sampling and analysis program are discussed in Chapters 2.0 and 3.0.

2.0 PHASE II INVESTIGATION

Environmental concerns associated with potential sources of petroleum contaminants have been evaluated separately from concerns related to potential release of hazardous substances from other sources. Details are available in Site Assessment Reports, Confirmatory Sampling Reports and Contamination Assessment Reports for the individual storage tanks or oil-water separators (refer to Appendix C).

Shallow groundwater monitoring wells were installed at 5 locations within the Transportation and Fuel Management Compound and at 4 locations within the Public Works Maintenance Contractor Area, to evaluate the potential for groundwater contamination associated with site related activities. The monitoring wells are installed to depths from 13 to 16 feet below land surface (bls), with screened intervals that straddle the groundwater table. Soil boring logs are included in Appendix A. Additional groundwater monitoring wells have been installed in other areas to evaluate environmental concerns associated with potential sources of

petroleum contaminants (Figure 3). These concerns have been evaluated separately.

Four of the five monitoring wells in the Transportation and Fuel Management Compound were installed adjacent to oil-water separators, to determine whether hazardous materials have been released. The other groundwater monitoring well was installed within the area of undetermined former site activities. Monitoring wells in the Public Works Maintenance Contractor Area were installed down-gradient of AOI-25, Facility 98, Facility 201, and as close as practical to AOI-26 (Figure 3). The monitoring well down-gradient of AOI-25 was destroyed during construction activities unrelated to the Phase II Investigation, and was subsequently replaced with a new monitoring well.

Groundwater samples were collected from each monitoring well, and were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), pesticide compounds, and polychlorinated biphenyl compounds (PCBs). Field activities were undertaken in general conformance with the Project Operations Plan (ABB-ES, 1994a).

Surface soil samples were collected at 3 locations within the Transportation and Fuel Management Compound and at 17 locations within the Public Works Maintenance Contractor Area, to evaluate the potential for surface soil contamination associated with site related activities (Figure 3). Surface soil samples were collected from the 0 to 1-foot bls interval, and were analyzed for TCL VOCs, SVOCs, pesticide compounds, PCBs, and total recoverable petroleum hydrocarbons (TRPH). Field activities were undertaken in general conformance with the Project Operations Plan (ABB-ES, 1994a).

One surface soil sample was collected at each of the following locations within the Transportation and Fuel Management Compound; an area of stressed vegetation on the east side of Facility 928, a surface water runoff area west of the asphalt paved area where portable tankers are parked, below the cracked pavement near a catch basin on the east side of Facility 80C. Surface and subsurface soil samples collected from 9 locations, in the area of undetermined former activities and the retention pond, were field-screened using an organic vapor analyzer (OVA) (Figure 3). No stained soil or elevated OVA readings were observed at these locations, and therefore samples were not submitted for laboratory analysis.

Surface soil samples were collected within the Public Works Maintenance Contractor Area at AOI-25, AOI-27, and at Facilities 98, 100, and 201, and from surface water drainage swales. With the exception of the drainage swales, and Facility 100, contaminants were detected at each of the sampled areas. Additional samples were subsequently collected and analyzed for specific contaminants of concern, to determine the extent of contamination.

3.0 ANALYTICAL RESULTS

Analytical results for soil and groundwater samples collected in the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area were compared to NAS Cecil Field screening criteria for inorganics and Florida Department of Environmental Protection (FDEP) Soil Cleanup Target Levels and Groundwater Cleanup Target Levels (GCTLs) (FDEP 1998). The NAS Cecil Field

FIGURE 3

D SIZE

(SEE FACILITY 49 FOR ORIGINAL)

screening criteria were determined using 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.

3.1 **GROUNDWATER**. No compounds or analytes were detected at concentrations in excess of NAS Cecil Field screening criteria and GCTLs. Therefore, no preliminary risk evaluation is required for a potential groundwater exposure scenario. A table comparing detected concentrations of analytes to groundwater screening criteria is presented in Appendix A. Petroleum contaminants have been detected in monitoring wells in the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area, during Tank Management Program investigations, and have been evaluated separately. Please refer to Figure 2, and references cited in Appendix C.

3.2 **SURFACE SOIL**. Extensive surface soil contamination has been detected at AOI-25. Contaminants of concern for AOI-25 include pesticides, PCBs, and polynuclear aromatic hydrocarbons (PAHs). Surface soil contamination has also been detected east of Facility 98. Contaminants of concern for Facility 98 include PAHs. Analytical results are presented on Figure 3. Initial attempts to delineate the extent of contamination at AOI-25 and at Facility 98 have not been successful.

Surface soil on the east side of Facility 201 and AOI-27 was determined to be contaminated. Contaminants of concern include arsenic and TRPH. The extent of contamination has been delineated in both areas (Figure 3).

4.0 CONCLUSIONS AND RECOMMENDATIONS

Soil and groundwater samples were collected in the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area, at locations based on a review of available information. No groundwater contaminants were identified during this assessment. However, groundwater contaminants associated with petroleum release have been identified during Tank Management Program investigations, and have been evaluated separately.

Four areas of contaminated surface soil have been identified in the Public Works Maintenance Contractor Area. No soil contamination was identified in the Transportation and Fuel Management Compound during this assessment. However, areas of excessively contaminated soil associated with petroleum release have been identified in the Transportation and Fuel Management Compound during Tank Management Program investigations, and have been evaluated separately.

The extent of contaminated surface soil adjacent to Facility 201 and AOI-27 has been delineated. Soil within the delineated areas should be excavated, removed from site, and disposed of, in accordance with all applicable regulations. Figures showing proposed limits of excavation are included in Appendix D. Additional evaluation is required to determine the extent of contamination, and appropriate response actions for contaminated soil associated with AOI-25, and Facility 98.

The color classification for the majority of the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area should be changed to 3/Light Green, to indicate that incidental release of fuels or other materials typically encountered in association with motor-pool and industrial maintenance facility operations have likely occurred. Petroleum releases from Tanks 80 and 81, Tanks 80-132 through 80-135, Tanks 80-OW2 and 80-OW4, and Tanks 80-R and 80-UL, have been documented. Therefore, these tanks should be reclassified to 2/Blue. Facilities 98 and 201, and AOI-25 and 27, are areas of documented non-petroleum contamination, and should be reclassified to 5/Yellow until remedial action has been completed.

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Florida Department of Environmental Protection. 1998. *Brownfields Cleanup Criteria Rule*: Chapter 62-785, Florida Administrative Code. Tallahassee, Florida.

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APPENDIX A

CONTAMINANT SCREENING COMPARISON TABLES AND SOIL BORING LOGS

Screening CriteriaTable for Analytes Detected in Surface Soil
Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area

Analyte	[1]Screening Criteria SCTL	BKGRD
Benzene	1.1	
Toluene	300	
Trichloroethene	4.8	
2-Methylnaphthalene	1500	
Acenaphthylene	1100	
Anthracene	19000	
Benzo (a) anthracene	1.4	
Benzo (a) pyrene	0.1	
Benzo (b) fluoranthene	1.4	
Benzo (g,h,i) perylene	2300	
Benzo (k) fluoranthene	15	
Butylbenzylphthalate	220	
Carbazole	53	
Chrysene	140	
Di-n-butylphthalate	110	
Dibenzo (a,h) anthracene	0.1	
Fluoranthene	2800	
Indeno (1,2,3-cd) pyrene	1.5	
Naphthalene	1000	
Phenanthrene	1900	
Pyrene	2200	
bis(2-Ethylhexyl) phthalate	75	
4,4-DDD	4.5	
4,4-DDE	3.2	
4,4-DDT	3.2	
Aldrin	0.06	
Aroclor-1254	0.6	
Aroclor-1260	0.6	
Dieldrin	0.07	
Endosulfan I	410	
Endrin	21	
Endrin aldehyde	21	
Endrin ketone	21	
Heptachlor	0.01	
Heptachlor epoxide	0.1	
Methoxychlor	380	
alpha-Chlordane	3	
gamma-Chlordane	3	
Aluminum	72000	4432.5
Antimony	26	9.44
Arsenic	0.8	2.0375
Barium	105	14.4
Beryllium	120	0.345
Cadmium	75	1.715
Calcium		9.44
Chromium	290	7.75
Cobalt	4700	3.11
Copper	390	5.965
Iron	23000	1486
Lead	500	196.9
Magnesium		328.65
Manganese	1600	21.95
Mercury	3.7	0.16
Nickel	105	3.89
Potassium		101.8
Selenium	390	1.68
Silver	390	2.13
Sodium		343
Thallium		2.84
Vanadium	15	6.3
Zinc	23000	36.5
Cyanide	30	1.185
Total petroleum hydrocarbons	350	

Notes:

[1] Screening Criteria are included for all Analytes detected in surface soil samples collected at the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area .

Concentrations and screening values are expressed in mg/kg

BKGRD = NAS Cecil Field Inorganic Background Data Set

SCTL = Soil Cleanup Target Level, Chapter 62-786, Florida Administrative Code

Screening CriteriaTable for Analytes Detected in Groundwater
Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area

Analyte	[1]Screening Criteria GCTL	BKGRD
Chlorobenzene	100	
1,2,4-Trichlorobenzene	70	
1,3-Dichlorobenzene	10	
1,4-Dichlorobenzene	75	
bis(2-Ethylhexyl) phthalate	6	
Heptachlor epoxide	0.2	
alpha-BHC	0.006	
Aluminum	200	13100
Antimony	6	44.5
Barium	2000	88.2
Calcium		81100
Chromium	100	18
Cobalt	420	12.8
Copper	1000	12.5
Iron	300	7760
Lead	15	5.35
Magnesium		10000
Manganese	50	96.2
Nickel	100	24.5
Potassium		4330
Selenium	50	7
Sodium	160000	16500
Thallium	2	13.3
Vanadium	49	20.2
Zinc	5000	76.8
Cyanide	200	22

Notes:

[1] Screening Criteria are included for all Analytes detected in groundwater samples collected at the Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area .

Concentrations and screening values are expressed in ug/l (except where noted)

BKGRD = NAS Cecil Field Inorganic Background Data Set

GCTL = Groundwater Cleanup Target Level, Chapter 62-785, Florida Administrative Code

Preliminary Human Health Risk Evaluation

Analytes Detected in Surface Soil at Concentrations in Excess of Screening Criteria

Transportation and Fuel Management Compound and Public Works Maintenance Contractor Area

Sample	Analyte[1]	Concentration	Screening Criteria BKGRD	FLSCTL	RBC(R)	ELCR[2]
58D00101	Total petroleum hydrocarbons	440		350		
58S00301	Arsenic	2.1	2.0375	0.8	0.43	5.E-06
58S00301	Total petroleum hydrocarbons	5900		350		
58S00401	Arsenic	4.9	2.0375	0.8	0.43	1.E-05
58S00601	Benzo (a) pyrene	0.9		0.1	0.088	1.E-05
58S00601	Benzo (b) fluoranthene	1.8		1.4	0.88	2.E-06
58S00601	Dibenzo (a,h) anthracene	0.14		0.1	0.088	2.E-06
58S00601D	Benzo (a) pyrene	0.3		0.1	0.088	3.E-06
58S00701	Benzo (a) pyrene	1		0.1	0.088	1.E-05
58S00701	Benzo (b) fluoranthene	1.6		1.4	0.88	2.E-06
58S00701	Dibenzo (a,h) anthracene	0.14		0.1	0.088	2.E-06
58S00901D	Benzo (a) pyrene	0.13		0.1	0.088	1.E-06
58S01201	4,4-DDT	77		3.2	1.9	4.E-05
58S01201DL	4,4-DDT	75		3.2	1.9	4.E-05
58S01201RE	4,4-DDT	89		3.2	1.9	5.E-05
58S01401	Dieldrin	0.12		0.07	0.04	3.E-06
58S01401RE	Dieldrin	0.11		0.07	0.04	3.E-06
58S02301	TPH C8-C40	700		350		
58S02601	TPH C8-C40	450		350		
58S02701	Arsenic	3	2.0375	0.8	0.43	7.E-06
58S02901	Dieldrin	0.19		0.07	0.04	5.E-06
58S03001	Dieldrin	0.7		0.07	0.04	2.E-05
58S03101	Aroclor-1254	5.7		0.6	1.6	4.E-06
58S03101	Dieldrin	0.084		0.07	0.04	2.E-06
58S03301	Aroclor-1254	71		0.6	1.6	4.E-05
58S03301	Dieldrin	1.7		0.07	0.04	4.E-05
58S03501	Benzo (a) pyrene	0.36		0.1	0.088	4.E-06
58S03501	Dibenzo (a,h) anthracene	0.35		0.1	0.088	4.E-06
58S03701	Benzo (a) pyrene	0.2		0.1	0.088	2.E-06
58S03701	Dibenzo (a,h) anthracene	0.22		0.1	0.088	3.E-06

Notes:

[1] All analytes detected at concentrations in excess BKGRD and SCTL 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

BKGRD = NAS Cecil Field Inorganic Background Data Set

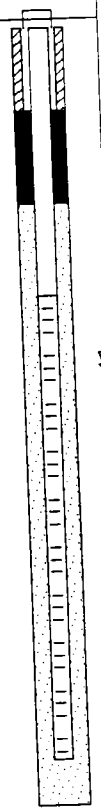
SCTL = Soil Cleanup Target Level, Chapter 62-785, Florida Administrative Code

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

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

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-80-1S	**BORING NO.** CEF-80-1S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-23-96	**COMPLTD:** 10-23-96
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 8 - 18 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 17.0 FEET.	**DPTH TO ▽** 7.5 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-23-96	**SITE:** 87 - 80 Transportation Bldg

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole	
				0				posthole	
5				0	CLAYEY SAND (SC): 100%, quartz, yellowish brown, very fine-grained, angular to sub-rounded, moist, iron-oxide staining present.		SC	1,7,7,21	
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	5,7,7,18	
10									
15									
20									
25									
30									

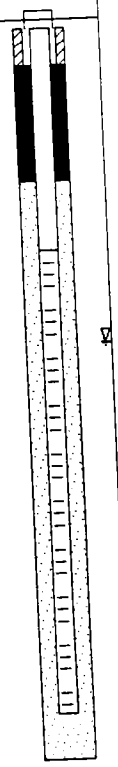


HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-80-2S	**BORING NO.** CEF-80-2S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 11-25-96	**COMPLTD:** 11-25-96
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 16.0 FEET.	**DPTH TO ▽** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 11-25-96	**SITE:** 87 - 80 Transportation Bldg

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole
				0				posthole
5				0	CLAYEY SAND (SC): 100%, quartz, light brown, very fine-grained, subangular to sub-rounded, moist, iron-oxide staining present.		SC	4,3,7,17
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	4,4,8,15
10								
15								
20								
25								
30								

WELL DATA



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-80-3S	**BORING NO.** CEF-80-3S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-23-98	**COMPLTD:** 10-23-98
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ∇** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-23-98	**SITE:** 87 - 80 Transportation Bldg

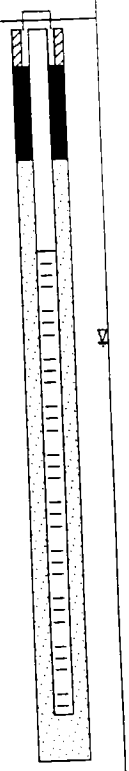
DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole	
				0				posthole	
5				0	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, subangular to sub-rounded, moist, iron-oxide staining present.		SC	8,7,8,8	
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	5,3,8,9	∇
10									
15									
20									
25									
30									

HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-80-4S	**BORING NO.** CEF-80-4S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-23-96	**COMPLTD:** 10-23-96
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ∇** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-23-96	**SITE:** 87 - 80 Transportation Bldg.

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND (SM): 100%, quartz, light gray, fine- to very fine-grained sub-angular to sub-rounded.		SM	posthole
				0				posthole
5				0	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, sub-angular to sub-rounded, moist, iron-oxide staining present.		SC	1,6,7,9
				3.6	SILTY SAND (SM): 100%, quartz, light gray, fine- to very fine-grained sub-angular to sub-rounded.		SM	5,8,9,12
10								
15								
20								
25								
30								

WELL DATA

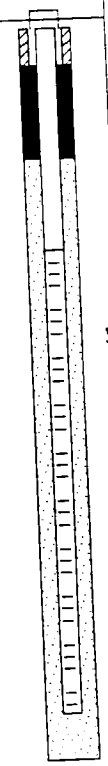


HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-80-5S	**BORING NO.** CEF-80-5S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 11-25-98	**COMPLTD:** 11-25-98
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ∇** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 11-25-98	**SITE:** 87 - 80 Transportation Bldg.

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained sub-angular to sub-rounded.		SM	posthole
				0				posthole
5				0	CLAYEY SAND (SC): 100%, quartz, light brown, very fine-grained, sub-angular to sub-rounded, moist, iron-oxide staining present.		SC	12,10,20,15
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	4,3,5,10
10								
15								
20								
25								
30								

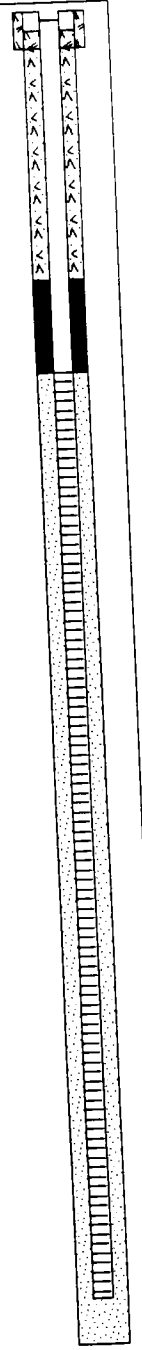
WELL DATA



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg. 80 ,Site Assessment Report	**LOG of WELL:** CEF-80-8S	**BORING NO.** CEF-80-8S
		PROJECT NO: 02523.13
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Custom Drilling	**DATE STARTED:** 02-03-98	**COMPLTD:** 02-03-98
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 4-14 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: 79.90 FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 14.5 FEET.	**DPTH TO ∇** N/A FEET.
LOGGED BY: J Tarr	**WELL DEVELOPMENT DATE:** 02-05-98	**SITE:** Building 80

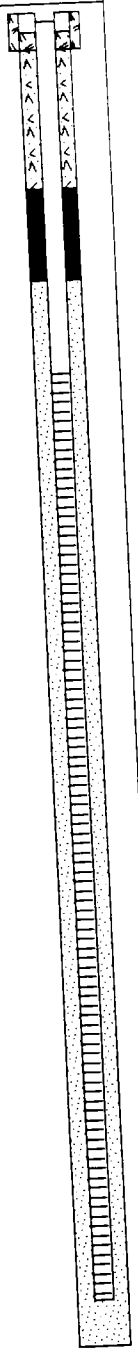
DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
					<> see note		SM		
				0	SILTY SAND: gray, fine grain.			posthole	
				0				posthole	
5					SILTY SAND: reddish brown, fine grain.			* **	
10				0	SILTY SAND: pale yellowish orange pink, fine grain, with trace of clay.				
					SILTY SAND: light gray, fine grain.				
15					<> soil description taken from auger cuttings. * no split spoon samples taken ** OVA reading taken from auger cuttings				



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg. 80 ,Site Assessment Report	**LOG of WELL:** CEF-80-9S	**BORING NO.** CEF-80-9S
		PROJECT NO: 02523.13
CLIENT: SOUTHDIVNAVFACENGCOM	**DATE STARTED:** 02-03-98	**COMPLTD:** 02-03-98
CONTRACTOR: Custom Drilling	**SCREEN INT.:** 4-14 ft.	**PROTECTION LEVEL:** D
METHOD: HSA / **CASE SIZE:** 2in.	**TOT DPTH:** 14.5 FEET.	**DPTH TO ▽** N/A FEET.
TOC ELEV.: 79.95 FEET. / **MONITOR INST.:** FID		**SITE:** Building 80
LOGGED BY: J Tarr	**WELL DEVELOPMENT DATE:** 02-05-98	

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
					<> see note		SM		
				0	SILTY SAND: gray, fine grain, poorly graded.			posthole	
				0				posthole	
5									
				0	SILTY SAND: reddish brown, fine grain.			* **	
10					SILTY SAND: pale yellowish orange pink, fine grain, with trace of clay.				
					SILTY SAND: light gray, fine grain.				
				0	<> soil description taken from auger cuttings. * no split spoon samples taken ** OVA reading taken from auger cuttings				
15									

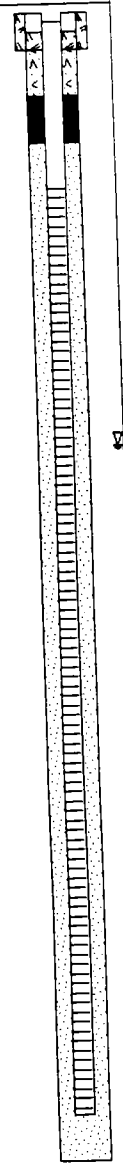


HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg.80-132/135 ASSESSMENT RPT.	**LOG of WELL:** CEF-80-12S	**BORING NO.** CEF-80-12S
		PROJECT NO: 02523-13
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: U.S. Probe and Drill	**DATE STARTED:** 01-26-99	**COMPLTD:** 01-26-99
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 2.0-12.0 FT.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 12.5 FEET.	**DPTH TO ▽** 4.79 FEET.
LOGGED BY: H.Hooper	**WELL DEVELOPMENT DATE:** 02-04-99	**SITE:** Building 80-132/135

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
					<> See Note		SM	posthole
				0				
					SILTY SAND: dark brown silty fine sand.			
				0			SC	posthole
5				0				
					CLAYEY SAND: dark tan slightly clayey silty fine sand.			* **
				0			SM	
10				0	SILTY SAND; tan silty fine sand.			
				0	<> Soil description taken from posthole and auger			
					* no split spoon samples taken			
					** OVA readings taken at borehole			
15								

WELL DATA



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-81-1S	**BORING NO.** CEF-81-1S
CLIENT: SOUTHDIVNAVFACENGCOM		**PROJECT NO:** 08520-85
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-24-96	**COMPLTD:** 10-24-96
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 16.0 FEET.	**DPTH TO ▽** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-24-96	**SITE:** 58 - 81 FD Maintenance Bldg

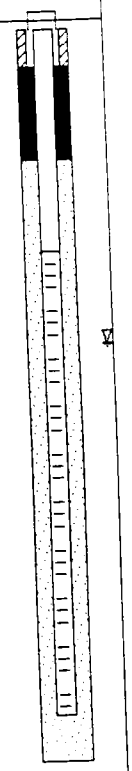
DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole	
				138				posthole	
					CLAY (CL): 100%, gray, soft, plastic, moist.		CL		
5				608	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, sub- angular to sub-rounded, moist, iron-oxide stain present.		SC	1,3,5,9	
				307	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	4,7,9,13	
10									
15									
20									
25									
30									

HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-81-2S	**BORING NO.** CEF-81-2S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-24-98	**COMPLTD:** 10-24-98
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ▽** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-24-98	**SITE:** 58 - 81 FD Maintenance Bldg

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole
				0				posthole
5				48	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, sub- angular to sub-rounded, moist, iron-oxide staining present.		SC	3,3,5,9
				31	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	4,3,9,12
10								
15								
20								
25								
30								

WELL DATA

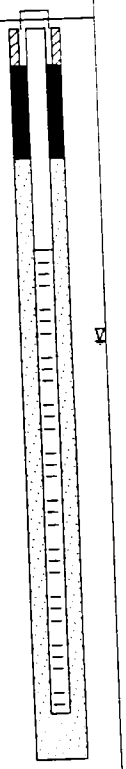


HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-81-3S	**BORING NO.** CEF-81-3S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-24-96	**COMPLTD:** 10-24-96
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 16.0 FEET.	**DPTH TO ∇** 7.0 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-24-96	**SITE:** 58 - 81 FD Maintenance Bldg

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole
				0				posthole
5				0	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, sub- angular to sub-rounded, moist, iron-oxide staining present.		SC	N/A
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	N/A
10								
15								
20								
25								
30								

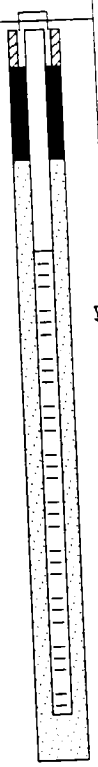
WELL DATA



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-81-4S	**BORING NO.** CEF-81-4S
		PROJECT NO: 08520-85
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 10-24-96	**COMPLTD:** 10-24-96
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 5 - 15 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FEET.	**MONITOR INST.:** PID / **TOT DPTH:** 18.0 FEET.	**DPTH TO ∇** 8.5 FEET.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 10-24-96	**SITE:** 58 - 81 FD Maintenance Bldg

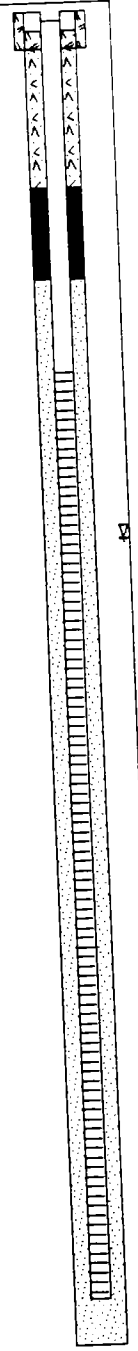
DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	posthole	
				0				posthole	
5				0	CLAYEY SAND (SC): 100%, quartz, light gray, very fine-grained, sub- angular to sub-rounded, moist, iron-oxide staining present.		SC	5,9,8,12	
				0	SILTY SAND (SM): 100%, quartz, light to dark gray, fine- to very fine- grained, sub-angular to sub-rounded.		SM	3,6,8,8	
10									
15									
20									
25									
30									



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg. 81 ,Site Assessment Report	**LOG of WELL:** CEF-81-6S	**BORING NO.** CEF-81-6S
		PROJECT NO: 02523.13
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Custom Drilling	**DATE STARTED:** 02-04-98	**COMPLTD:** 02-04-98
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 4-14 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: 78.98 FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 14.5 FEET.	**DPTH TO ∇** 5.80 FEET.
LOGGED BY: J Tarr	**WELL DEVELOPMENT DATE:** N/A	**SITE:** Building 81

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
					<> see note		SM		
				0	SILTY SAND: dark gray, fine grain.			posthole	
				0				posthole	
5								*	
								**	
10				0	SILTY SAND: light gray to white, fine grain.				
					<> soil description taken from auger cuttings.				
					* no split spoon samples taken				
					** OVA reading taken from auger cuttings				
15									



HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg. 81 ,Site Assessment Report	**LOG of WELL:** CEF-81-7S	**BORING NO.** CEF-81-7S
		PROJECT NO: 02523.13
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Custom Drilling	**DATE STARTED:** 02-04-98	**COMPLTD:** 02-04-98
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 3-13 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: 78.90 FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 13.5 FEET.	**DPTH TO ∇** 5.81 FEET.
LOGGED BY: J Tarr	**WELL DEVELOPMENT DATE:** N/A	**SITE:** Building 81

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
					<> see note		SM		
				0	SILTY SAND: dark gray, fine grain.			posthole	
				0				posthole	
5					SILTY SAND: dark gray, fine grain.				
							SC	* **	
10				0	CLAYEY SAND: moderate orange pink to pale yellowish brown to light gray.				
							SM		
					SILTY SAND: light gray, fine grain.				

<> soil description taken from auger cuttings.

* no split spoon samples taken

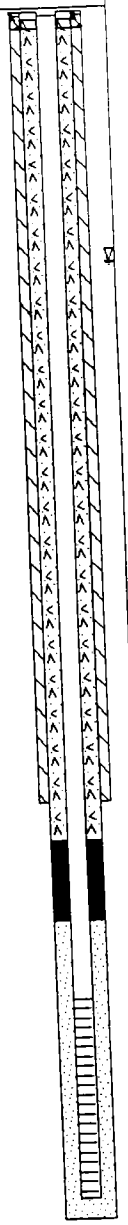
** OVA reading taken from auger cuttings

HARDING LAWSON ASSOCIATES

TITLE: NAS Cecil Field, Bldg. 81 ,Site Assessment Report	**LOG of WELL:** CEF-81-8D	**BORING NO.** CEF-81-8D
		PROJECT NO: 02523.13
CLIENT: SOUTHDIVNAVFACENGCOM		
CONTRACTOR: Custom Drilling	**DATE STARTED:** 02-05-98	**COMPLTD:** N/A
METHOD: HSA	**CASE SIZE:** 2in. / **SCREEN INT.:** 25-30 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: 79.48 FEET.	**MONITOR INST.:** FID / **TOT DPTH:** 30.5 FEET.	**DPTH TO ▽** 8.43 FEET.
LOGGED BY: J Tarr	**WELL DEVELOPMENT DATE:** 02-13-98	**SITE:** Building 81

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN
				0	SILTY SAND: gray, fine grain.		SM	posthole
				20			SC	posthole
5			25%	150	CLAYEY SAND: light gray to moderate orange pink to pale yellowish brown.			3,4,2,2
10			50%	80	SILTY SAND: light gray, fine grain, poorly graded.		SM	2,3,3,3
15			50%	15	SILTY SAND: light gray, fine grain.			2,3,5,8
20			100%	2	SILTY SAND: light gray, fine grain.			4,5,5,4
25			50%	0	SILTY SAND: light gray to moderate orange pink to pale yellowish brown, fine grain.			4,8,9,9
30			50%	0	SILTY SAND: light gray to moderate orange pink to pale yellowish brown, fine grain.			8,12,18,17
35								

WELL DATA



HARDING LAWSON ASSOCIATES

APPENDIX B

LABORATORY ANALYTICAL DATA

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- VOLATILES -- REQUEST NO. 10608

Lab Sample Number:	C8541				C8542				C8543				C85JP			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00101				58S00201				58S00301				58S00401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	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	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Acetone	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	11	U	ug/kg	11	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)																

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- VOLATILES -- REQUEST NO. 10608

Lab Sample Number:	C854J				C854K				C854L				C854N			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00501				58S00601				58S00601D				58S00701			
Collect Date:	12-FEB-97				12-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW																
Chloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Acetone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	10	U	ug/kg	10	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 -- BFM COMPOUNDS
SURFACE SOIL -- VOLATILES -- REQUEST NO. 10608

Lab Sample Number:	C85JW				C854P				C854Q			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00801				58S00901				58S00901D			
Collect Date:	13-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Bromomethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Vinyl chloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Chloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Methylene chloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Acetone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Carbon disulfide	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1-Dichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethene (total)	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Chloroform	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
2-Butanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1,1-Trichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Carbon tetrachloride	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Bromodichloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,2-Dichloropropane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
cis-1,3-Dichloropropene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Trichloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Dibromochloromethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2-Trichloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Benzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
trans-1,3-Dichloropropene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Bromoform	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
4-Methyl-2-pentanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
2-Hexanone	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Tetrachloroethene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Toluene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Chlorobenzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Ethylbenzene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Styrene	10	U	ug/kg	10	11	U	ug/kg	11	11	U	ug/kg	11
Xylenes (total)	10	U	ug/kg	10	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 -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C8541				C8542				C8543				C85JP			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00101				58S00201				58S00301				58S00401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
bis(2-Chloroethyl) ether	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2-Chlorophenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
1,3-Dichlorobenzene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
1,4-Dichlorobenzene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
1,2-Dichlorobenzene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2-Methylphenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
4-Methylphenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Hexachloroethane	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Nitrobenzene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Isophorone	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2-Nitrophenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2,4-Dimethylphenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2,4-Dichlorophenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
1,2,4-Trichlorobenzene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Naphthalene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
4-Chloroaniline	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Hexachlorobutadiene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
4-Chloro-3-methylphenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2-Methylnaphthalene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Hexachlorocyclopentadiene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2,4,6-Trichlorophenol	860	U	ug/kg	860	840	U	ug/kg	840	860	U	ug/kg	860	890	U	ug/kg	890
2,4,5-Trichlorophenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2-Chloronaphthalene	860	U	ug/kg	860	840	U	ug/kg	840	860	U	ug/kg	860	890	U	ug/kg	890
2-Nitroaniline	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Dimethylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Acenaphthylene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2,6-Dinitrotoluene	860	U	ug/kg	860	840	U	ug/kg	840	860	U	ug/kg	860	890	U	ug/kg	890
3-Nitroaniline	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Acenaphthene	860	U	ug/kg	860	840	U	ug/kg	840	860	U	ug/kg	860	890	U	ug/kg	890
2,4-Dinitrophenol	860	U	ug/kg	860	840	U	ug/kg	840	860	U	ug/kg	860	890	U	ug/kg	890
4-Nitrophenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Dibenzofuran	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
2,4-Dinitrotoluene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Diethylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
4-Chlorophenyl-phenylether	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Fluorene	860	U	ug/kg	860	840	U	ug/kg	840	860	U	ug/kg	860	890	U	ug/kg	890
4-Nitroaniline	860	U	ug/kg	860	840	U	ug/kg	840	860	U	ug/kg	860	890	U	ug/kg	890
4,6-Dinitro-2-methylphenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
N-Nitrosodiphenylamine	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
4-Bromophenyl-phenylether	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Hexachlorobenzene	860	U	ug/kg	860	840	U	ug/kg	840	860	U	ug/kg	860	890	U	ug/kg	890
Pentachlorophenol	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	95	J	ug/kg	360
Phenanthrene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Anthracene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Carbazole	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Di-n-butylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C8541				C8542				C8543				C85JP			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00101				58S00201				58S00301				58S00401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluoranthene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	190	J	ug/kg	360
Pyrene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	190	J	ug/kg	360
Butylbenzylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
3,3-Dichlorobenzidine	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (a) anthracene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	84	J	ug/kg	360
Chrysene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	91	J	ug/kg	360
bis(2-Ethylhexyl) phthalate	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Di-n-octylphthalate	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (b) fluoranthene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	97	J	ug/kg	360
Benzo (k) fluoranthene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	39	J	ug/kg	360
Benzo (a) pyrene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	71	J	ug/kg	360
Indeno (1,2,3-cd) pyrene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	37	J	ug/kg	360
Dibenzo (a,h) anthracene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360
Benzo (g,h,i) perylene	360	U	ug/kg	360	340	U	ug/kg	340	350	U	ug/kg	350	360	U	ug/kg	360

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C854J				C854K				C854L				C854N			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00501				58S00601				58S00601D				58S00701			
Collect Date:	12-FEB-97				12-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
bis(2-Chloroethyl) ether	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2-Chlorophenol	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
1,3-Dichlorobenzene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
1,4-Dichlorobenzene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
1,2-Dichlorobenzene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2-Methylphenol	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
4-Methylphenol	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Hexachloroethane	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Nitrobenzene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Isophorone	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2-Nitrophenol	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dimethylphenol	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dichlorophenol	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
1,2,4-Trichlorobenzene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Naphthalene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
4-Chloroaniline	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorobutadiene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
4-Chloro-3-methylphenol	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2-Methylnaphthalene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorocyclopentadiene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2,4,6-Trichlorophenol	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
2,4,5-Trichlorophenol	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2-Chloronaphthalene	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
2-Nitroaniline	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Dimethylphthalate	350	U	ug/kg	350	100	J	ug/kg	370	52	J	ug/kg	370	160	J	ug/kg	360
Acenaphthylene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2,6-Dinitrotoluene	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
3-Nitroaniline	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Acenaphthene	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
2,4-Dinitrophenol	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
4-Nitrophenol	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Dibenzofuran	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
2,4-Dinitrotoluene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Diethylphthalate	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
4-Chlorophenyl-phenylether	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Fluorene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C854J				C854K				C854L				C854N			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00501				58S00601				58S00601D				58S00701			
Collect Date:	12-FEB-97				12-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
4,6-Dinitro-2-methylphenol	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
N-Nitrosodiphenylamine	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
4-Bromophenyl-phenylether	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Hexachlorobenzene	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Pentachlorophenol	840	U	ug/kg	840	1200	U	ug/kg	1200	900	U	ug/kg	900	880	U	ug/kg	880
Phenanthrene	350	U	ug/kg	350	100	J	ug/kg	370	72	J	ug/kg	370	360	U	ug/kg	360
Anthracene	350	U	ug/kg	350	80	J	ug/kg	370	45	J	ug/kg	370	64	J	ug/kg	360
Carbazole	350	U	ug/kg	350	58	J	ug/kg	370	370	U	ug/kg	370	360	U	ug/kg	360
Di-n-butylphthalate	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	37	J	ug/kg	360
Fluoranthene	350	U	ug/kg	350	1500		ug/kg	370	450		ug/kg	370	640		ug/kg	360
Pyrene	350	U	ug/kg	350	2400		ug/kg	370	680		ug/kg	370	1200		ug/kg	360
Butylbenzylphthalate	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
3,3-Dichlorobenzidine	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (a) anthracene	350	U	ug/kg	350	1100		ug/kg	370	240	J	ug/kg	370	590		ug/kg	360
Chrysene	350	U	ug/kg	350	1300		ug/kg	370	350	J	ug/kg	370	810		ug/kg	360
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	57	J	ug/kg	370	280	J	ug/kg	370	360	U	ug/kg	360
Di-n-octylphthalate	350	U	ug/kg	350	490	U	ug/kg	490	370	U	ug/kg	370	360	U	ug/kg	360
Benzo (b) fluoranthene	350	U	ug/kg	350	1800		ug/kg	370	520		ug/kg	370	1600		ug/kg	360
Benzo (k) fluoranthene	350	U	ug/kg	350	410	J	ug/kg	370	170	J	ug/kg	370	580		ug/kg	360
Benzo (a) pyrene	350	U	ug/kg	350	900		ug/kg	370	300	J	ug/kg	370	1000		ug/kg	360
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	600		ug/kg	370	210	J	ug/kg	370	700		ug/kg	360
Dibenzo (a,h) anthracene	350	U	ug/kg	350	140	J	ug/kg	370	38	J	ug/kg	370	140	J	ug/kg	360
Benzo (g,h,i) perylene	350	U	ug/kg	350	630		ug/kg	370	220	J	ug/kg	370	680		ug/kg	360

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C85JW				C854P				C854Q			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00801				58S00901				58S00901D			
Collect Date:	13-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
bis(2-Chloroethyl) ether	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Chlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,3-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,4-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,2-Dichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,2-oxybis(1-Chloropropane)	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
N-Nitroso-di-n-propylamine	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachloroethane	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Nitrobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Isophorone	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Nitrophenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dimethylphenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
bis(2-Chloroethoxy) methane	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dichlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
1,2,4-Trichlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Naphthalene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Chloroaniline	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorobutadiene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Chloro-3-methylphenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Methylnaphthalene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorocyclopentadiene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4,6-Trichlorophenol	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
2,4,5-Trichlorophenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2-Chloronaphthalene	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
2-Nitroaniline	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Dimethylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Acenaphthylene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,6-Dinitrotoluene	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
3-Nitroaniline	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Acenaphthene	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
2,4-Dinitrophenol	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
4-Nitrophenol	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Dibenzofuran	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
2,4-Dinitrotoluene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Diethylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Chlorophenyl-phenylether	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Fluorene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- SEMIVOLATILES -- REQUEST NO. 10609

Lab Sample Number:	C85JW				C854P				C854Q			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00801				58S00901				58S00901D			
Collect Date:	13-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
4,6-Dinitro-2-methylphenol	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
N-Nitrosodiphenylamine	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
4-Bromophenyl-phenylether	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Hexachlorobenzene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Pentachlorophenol	840	U	ug/kg	840	880	U	ug/kg	880	890	U	ug/kg	890
Phenanthrene	350	U	ug/kg	350	360	U	ug/kg	360	430		ug/kg	360
Anthracene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Carbazole	350	U	ug/kg	350	360	U	ug/kg	360	59	J	ug/kg	360
Di-n-butylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Fluoranthene	350	U	ug/kg	350	65	J	ug/kg	360	420		ug/kg	360
Pyrene	350	U	ug/kg	350	81	J	ug/kg	360	390		ug/kg	360
Butylbenzylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	220	J	ug/kg	360
3,3-Dichlorobenzidine	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (a) anthracene	350	U	ug/kg	350	42	J	ug/kg	360	130	J	ug/kg	360
Chrysene	350	U	ug/kg	350	59	J	ug/kg	360	190	J	ug/kg	360
bis(2-Ethylhexyl) phthalate	350	U	ug/kg	350	95	J	ug/kg	360	71	J	ug/kg	360
Di-n-octylphthalate	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (b) fluoranthene	350	U	ug/kg	350	86	J	ug/kg	360	200	J	ug/kg	360
Benzo (k) fluoranthene	350	U	ug/kg	350	360	U	ug/kg	360	66	J	ug/kg	360
Benzo (a) pyrene	350	U	ug/kg	350	59	J	ug/kg	360	130	J	ug/kg	360
Indeno (1,2,3-cd) pyrene	350	U	ug/kg	350	45	J	ug/kg	360	97	J	ug/kg	360
Dibenzo (a,h) anthracene	350	U	ug/kg	350	360	U	ug/kg	360	370	U	ug/kg	370
Benzo (g,h,i) perylene	350	U	ug/kg	350	50	J	ug/kg	360	96	J	ug/kg	360

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- POLYNUCLEAR AROMATIC HYDROCARBONS REPORT -- REQ. NO. 10598

Lab Sample Number:	JR47327			JR47328			JR47329			JR473210		
Site	BRAC			BRAC			BRAC			BRAC		
Locator	58S03401			58S03501			58S03601			58S03701		
Collect Date:	22-DEC-98			22-DEC-98			22-DEC-98			22-DEC-98		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
PAHs												
Acenaphthene	21 U	ug/kg	21	180 U	ug/kg	180	18 U	ug/kg	18	180 U	ug/kg	180
Acenaphthylene	42 U	ug/kg	42	360 U	ug/kg	360	36 U	ug/kg	36	350 U	ug/kg	350
Anthracene	2 U	ug/kg	2	18 U	ug/kg	18	8	ug/kg	2	18 U	ug/kg	18
Benzo (a) anthracene	41	ug/kg	2.1	270	ug/kg	18	6.1	ug/kg	1.8	80	ug/kg	18
Benzo (b) fluoranthene	63	ug/kg	4	440	ug/kg	36	11	ug/kg	3	210	ug/kg	35
Benzo (k) fluoranthene	53	ug/kg	2	230	ug/kg	18	8	ug/kg	2	140	ug/kg	18
Benzo (a) pyrene	48	ug/kg	2	360	ug/kg	18	4	ug/kg	2	200	ug/kg	18
Chrysene	72	ug/kg	2.1	510	ug/kg	18	3.5	ug/kg	1.8	200	ug/kg	18
Dibenzo (a,h) anthracene	39	ug/kg	4.2	350	ug/kg	36	3.6 U	ug/kg	3.6	220	ug/kg	35
Fluoranthene	4.2 U	ug/kg	4.2	950	ug/kg	36	3.6 U	ug/kg	3.6	490	ug/kg	35
Fluorene	4.2 U	ug/kg	4.2	36 U	ug/kg	36	3.6 U	ug/kg	3.6	35 U	ug/kg	35
Indeno (1,2,3-cd) pyrene	39	ug/kg	2.1	240	ug/kg	18	5.2	ug/kg	1.8	170	ug/kg	18
Benzo (g,h,i) perylene	41	ug/kg	4.2	260	ug/kg	36	3.6 U	ug/kg	3.6	220	ug/kg	35
Naphthalene	21 U	ug/kg	21	180 U	ug/kg	180	500	ug/kg	18	180 U	ug/kg	180
Phenanthrene	2.1 U	ug/kg	2.1	95	ug/kg	18	17	ug/kg	1.8	47 J	ug/kg	18
Pyrene	2.1 U	ug/kg	2.1	760	ug/kg	18	1.8 U	ug/kg	1.8	320	ug/kg	18
1-Methylnaphthalene	120	ug/kg	21	180 U	ug/kg	180	140	ug/kg	18	180 U	ug/kg	180
2-Methylnaphthalene	120	ug/kg	21	180 U	ug/kg	180	72	ug/kg	18	180 U	ug/kg	180

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R = RESULT IS REJECTED AND UNUSABLE

NAS CECIL FIELD -- BFM COMPOUNDS

SURFACE SOIL -- POLYNUCLEAR AROMATIC HYDROCARBONS REPORT -- REQ. NO. 10598

Lab Sample Number:	JR473211		
Site	BRAC		
Locator	58S03801		
Collect Date:	22-DEC-98		
	VALUE QUAL	UNITS	DL
PAHs			
Acenaphthene	18 U	ug/kg	18
Acenaphthylene	35 U	ug/kg	35
Anthracene	2 U	ug/kg	2
Benzo (a) anthracene	19	ug/kg	1.8
Benzo (b) fluoranthene	57	ug/kg	3
Benzo (k) fluoranthene	32	ug/kg	2
Benzo (a) pyrene	42	ug/kg	2
Chrysene	40	ug/kg	1.8
Dibenzo (a,h) anthracene	69	ug/kg	3.5
Fluoranthene	140	ug/kg	3.5
Fluorene	3.5 U	ug/kg	3.5
Indeno (1,2,3-cd) pyrene	49	ug/kg	1.8
Benzo (g,h,i) perylene	57	ug/kg	3.5
Naphthalene	18 U	ug/kg	18
Phenanthrene	14	ug/kg	1.8
Pyrene	50	ug/kg	1.8
1-Methylnaphthalene	18 U	ug/kg	18
2-Methylnaphthalene	18 U	ug/kg	18

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10610

Lab Sample Number:	C8541				C8542				C8543				C85JP			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00101				58S00201				58S00301				58S00401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	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	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
beta-BHC	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
delta-BHC	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
Heptachlor	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
Aldrin	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	.3	J	ug/kg	1.8	.25	J	ug/kg	1.8
Heptachlor epoxide	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
Endosulfan I	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	1.8	U	ug/kg	1.8
Dieldrin	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
4,4-DDE	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	2.8	J	ug/kg	3.6	4.5		ug/kg	3
Endrin	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
Endosulfan II	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
4,4-DDD	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
Endosulfan sulfate	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
4,4-DDT	3.6	U	ug/kg	3.6	.67	J	ug/kg	3.5	4.6	J	ug/kg	3.6	8.1		ug/kg	3
Methoxychlor	18	U	ug/kg	18	17	U	ug/kg	17	18	U	ug/kg	18	1.1	J	ug/kg	18
Endrin ketone	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	.19	J	ug/kg	3.6	3.7	U	ug/kg	3.7
Endrin aldehyde	3.6	U	ug/kg	3.6	3.5	U	ug/kg	3.5	3.6	U	ug/kg	3.6	3.7	U	ug/kg	3.7
alpha-Chlordane	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	.42	J	ug/kg	1.8	1.8	U	ug/kg	1.8
gamma-Chlordane	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	.4	J	ug/kg	1.8	1.8	U	ug/kg	1.8
Toxaphene	180	U	ug/kg	180	170	U	ug/kg	170	180	U	ug/kg	180	180	U	ug/kg	180
Aroclor-1016	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37
Aroclor-1221	72	U	ug/kg	72	70	U	ug/kg	70	72	U	ug/kg	72	73	U	ug/kg	73
Aroclor-1232	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37
Aroclor-1242	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37
Aroclor-1248	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37
Aroclor-1254	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37
Aroclor-1260	36	U	ug/kg	36	35	U	ug/kg	35	36	U	ug/kg	36	37	U	ug/kg	37

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10610

Lab Sample Number:	C854J				C854K				C854L				C854N			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00501				58S00601				58S00601D				58S00701			
Collect Date:	12-FEB-97				12-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
beta-BHC	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
delta-BHC	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
gamma-BHC (Lindane)	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Heptachlor	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Aldrin	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Heptachlor epoxide	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Endosulfan I	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Dieldrin	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
4,4-DDE	18	U	ug/kg	18	.34	J	ug/kg	7	38	U	ug/kg	38	37	U	ug/kg	37
Endrin	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
Endosulfan II	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
4,4-DDD	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
Endosulfan sulfate	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
4,4-DDT	18	U	ug/kg	18	30		ug/kg	7	38	U	ug/kg	38	2	J	ug/kg	36
Methoxychlor	88	U	ug/kg	88	37	U	ug/kg	37	190	U	ug/kg	190	180	U	ug/kg	180
Endrin ketone	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
Endrin aldehyde	18	U	ug/kg	18	7.4	U	ug/kg	7.4	38	U	ug/kg	38	37	U	ug/kg	37
alpha-Chlordane	8.8	U	ug/kg	8.8	2	J	ug/kg	4	2.5	J	ug/kg	19	18	U	ug/kg	18
gamma-Chlordane	8.8	U	ug/kg	8.8	3.7	U	ug/kg	3.7	19	U	ug/kg	19	18	U	ug/kg	18
Toxaphene	880	U	ug/kg	880	370	U	ug/kg	370	1900	U	ug/kg	1900	1800	U	ug/kg	1800
Aroclor-1016	180	U	ug/kg	180	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370
Aroclor-1221	350	U	ug/kg	350	150	U	ug/kg	150	750	U	ug/kg	750	730	U	ug/kg	730
Aroclor-1232	180	U	ug/kg	180	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370
Aroclor-1242	180	U	ug/kg	180	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370
Aroclor-1248	180	U	ug/kg	180	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370
Aroclor-1254	180	U	ug/kg	180	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370
Aroclor-1260	290		ug/kg	170	74	U	ug/kg	74	380	U	ug/kg	380	370	U	ug/kg	370

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10610

Lab Sample Number:	C85JW			C854P			C854Q			C85J9		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58S00801			58S00901			58S00901D			58S01001		
Collect Date:	13-FEB-97			12-FEB-97			12-FEB-97			13-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.7 U	ug/kg	1.7	9.3 U	ug/kg	9.3	9.2 U	ug/kg	9.2	3.6 U	ug/kg	3.6
beta-BHC	1.7 U	ug/kg	1.7	9.3 U	ug/kg	9.3	9.2 U	ug/kg	9.2	3.6 U	ug/kg	3.6
delta-BHC	1.7 U	ug/kg	1.7	9.3 U	ug/kg	9.3	9.2 U	ug/kg	9.2	3.6 U	ug/kg	3.6
gamma-BHC (Lindane)	1.7 U	ug/kg	1.7	9.3 U	ug/kg	9.3	9.2 U	ug/kg	9.2	3.6 U	ug/kg	3.6
Heptachlor	1.7 U	ug/kg	1.7	9.3 U	ug/kg	9.3	9.2 U	ug/kg	9.2	3.6 U	ug/kg	3.6
Aldrin	1.7 U	ug/kg	1.7	9.3 U	ug/kg	9.3	9.2 U	ug/kg	9.2	3.6 U	ug/kg	3.6
Heptachlor epoxide	1.7 U	ug/kg	1.7	9.4 J	ug/kg	10	9.7 J	ug/kg	9	7 J	ug/kg	4
Endosulfan I	3.5 U	ug/kg	3.5	9.3 U	ug/kg	9.3	9.2 U	ug/kg	9.2	4.9 J	ug/kg	4
Dieldrin	.55 J	ug/kg	3	19 U	ug/kg	19	18 U	ug/kg	18	3.6 U	ug/kg	3.6
4,4-DDE	.27 J	ug/kg	3	40	ug/kg	18	46	ug/kg	18	7.1 U	ug/kg	7.1
Endrin	3.5 U	ug/kg	3.5	19 U	ug/kg	19	18 U	ug/kg	18	2.4 J	ug/kg	7
Endosulfan II	3.5 U	ug/kg	3.5	19 U	ug/kg	19	18 U	ug/kg	18	7.1 U	ug/kg	7.1
4,4-DDD	3.5 U	ug/kg	3.5	17 J	ug/kg	18	18 J	ug/kg	18	7.1 U	ug/kg	7.1
Endosulfan sulfate	1.6 J	ug/kg	3.5	19 U	ug/kg	19	18 U	ug/kg	18	53 J	ug/kg	7
4,4-DDT	1.2 J	ug/kg	3	17 J	ug/kg	18	53	ug/kg	18	7.1 U	ug/kg	7.1
Methoxychlor	3.5 U	ug/kg	18	93 U	ug/kg	93	92 U	ug/kg	92	7.1 U	ug/kg	7.1
Endrin ketone	3.5 U	ug/kg	3.5	19 U	ug/kg	19	18 U	ug/kg	18	36 U	ug/kg	36
Endrin aldehyde	1.7 U	ug/kg	3.5	12 J	ug/kg	18	14 J	ug/kg	18	7.1 U	ug/kg	7.1
alpha-Chlordane	1.7 U	ug/kg	1.7	61	ug/kg	10	62	ug/kg	9	2.9 J	ug/kg	7
gamma-Chlordane	1.7 U	ug/kg	1.7	64	ug/kg	10	63	ug/kg	9	170	ug/kg	4
Toxaphene	170 U	ug/kg	170	930 U	ug/kg	930	920 U	ug/kg	920	190	ug/kg	4
Aroclor-1016	35 U	ug/kg	35	190 U	ug/kg	190	180 U	ug/kg	180	360 U	ug/kg	360
Aroclor-1221	70 U	ug/kg	70	370 U	ug/kg	370	370 U	ug/kg	370	71 U	ug/kg	71
Aroclor-1232	35 U	ug/kg	35	190 U	ug/kg	190	180 U	ug/kg	180	140 U	ug/kg	140
Aroclor-1242	35 U	ug/kg	35	190 U	ug/kg	190	180 U	ug/kg	180	71 U	ug/kg	71
Aroclor-1248	35 U	ug/kg	35	190 U	ug/kg	190	180 U	ug/kg	180	71 U	ug/kg	71
Aroclor-1254	35 U	ug/kg	35	190 U	ug/kg	190	180 U	ug/kg	180	71 U	ug/kg	71
Aroclor-1260	35 U	ug/kg	35	340	ug/kg	180	460	ug/kg	180	71 U	ug/kg	71

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10610

Lab Sample Number:	C85JF				C85JG				C85JJ				C85JM		
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3		
Locator	58S01101				58S01201				58S01301				58S01401		
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
beta-BHC	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
delta-BHC	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
gamma-BHC (Lindane)	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
Heptachlor	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
Aldrin	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6
Heptachlor epoxide	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	1.3	J	ug/kg	9
Endosulfan I	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	120		ug/kg	17
Dieldrin	21		ug/kg	4	680	J	ug/kg	1500	14		ug/kg	3	37	J	ug/kg	17
4,4-DDE	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	11	J	ug/kg	17
Endrin	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	17	U	ug/kg	17
Endosulfan II	3.8	U	ug/kg	3.8	1000	J	ug/kg	1500	.37	J	ug/kg	3	17	U	ug/kg	17
4,4-DDD	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	17	U	ug/kg	17
Endosulfan sulfate	8		ug/kg	4	77000		ug/kg	1500	44		ug/kg	3	52		ug/kg	17
4,4-DDT	2.6	J	ug/kg	19	7600	U	ug/kg	7600	11	J	ug/kg	18	86	U	ug/kg	86
Methoxychlor	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	17	U	ug/kg	17
Endrin ketone	3.8	U	ug/kg	3.8	1500	U	ug/kg	1500	3.5	U	ug/kg	3.5	17	U	ug/kg	17
Endrin aldehyde	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	10		ug/kg	9
alpha-Chlordane	1.9	U	ug/kg	1.9	760	U	ug/kg	760	1.8	U	ug/kg	1.8	2.8	J	ug/kg	9
gamma-Chlordane	190	U	ug/kg	190	76000	U	ug/kg	76000	180	U	ug/kg	180	860	U	ug/kg	860
Toxaphene	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1016	76	U	ug/kg	76	30000	U	ug/kg	30000	70	U	ug/kg	70	340	U	ug/kg	340
Aroclor-1221	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1232	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1242	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1248	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1254	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170
Aroclor-1260	38	U	ug/kg	38	15000	U	ug/kg	15000	35	U	ug/kg	35	170	U	ug/kg	170

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REQUEST NO. 10610

Lab Sample Number:	C85K9		
Site	CECILBRAC3		
Locator	58S01501		
Collect Date:	13-FEB-97		
	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW			
alpha-BHC	9.1 U	ug/kg	9.1
beta-BHC	9.1 U	ug/kg	9.1
delta-BHC	9.1 U	ug/kg	9.1
gamma-BHC (Lindane)	9.1 U	ug/kg	9.1
Heptachlor	.61 J	ug/kg	9
Aldrin	2.4 J	ug/kg	9
Heptachlor epoxide	9.1 U	ug/kg	9.1
Endosulfan I	67	ug/kg	18
Dieldrin	44	ug/kg	18
4,4-DDE	18 U	ug/kg	18
Endrin	18 U	ug/kg	18
Endosulfan II	18 U	ug/kg	18
4,4-DDD	18 U	ug/kg	18
Endosulfan sulfate	40	ug/kg	18
4,4-DDT	91 U	ug/kg	91
Methoxychlor	18 U	ug/kg	18
Endrin ketone	18 U	ug/kg	18
Endrin aldehyde	8.4 J	ug/kg	9
alpha-Chlordane	7.3 J	ug/kg	9
gamma-Chlordane	910 U	ug/kg	910
Toxaphene	180 U	ug/kg	180
Aroclor-1016	360 U	ug/kg	360
Aroclor-1221	180 U	ug/kg	180
Aroclor-1232	180 U	ug/kg	180
Aroclor-1242	180 U	ug/kg	180
Aroclor-1248	180 U	ug/kg	180
Aroclor-1254	180 U	ug/kg	180
Aroclor-1260			

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REPORT REQUEST NO. 10597

Lab Sample Number:	JR47322				JR47323				JR47324				JR47325			
Site	BRAC				BRAC				BRAC				BRAC			
Locator	58S02901				58S03001				58S03101				58S03201			
Collect Date:	22-DEC-98				22-DEC-98				22-DEC-98				22-DEC-98			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
BRAC PESTICIDES/PCBS																
alpha-BHC	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
beta-BHC	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
gamma-BHC (Lindane)	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
Heptachlor	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
Aldrin	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
Heptachlor epoxide	-				-				-				-			
Endosulfan I	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
Dieldrin	190		ug/kg	70	700		ug/kg	180	84		ug/kg	35	10		ug/kg	3.5
4,4-DDE	10		ug/kg	3.5	19		ug/kg	3.5	390		ug/kg	35	32		ug/kg	3.5
Endrin	3.5	U	ug/kg	3.5	4.2		ug/kg	3.5	88		ug/kg	35	3.5		ug/kg	3.5
Endosulfan II	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
4,4-DDD	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
Endosulfan sulfate	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
4,4-DDT	13		ug/kg	3.5	15		ug/kg	3.5	540		ug/kg	35	20		ug/kg	3.5
Methoxychlor	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
Endrin ketone	3.5	U	ug/kg	3.5	4		ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
Endrin aldehyde	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	35	U	ug/kg	35	3.5	U	ug/kg	3.5
alpha-Chlordane	4.6		ug/kg	3.5	4.6		ug/kg	3.5	43		ug/kg	35	3.5	U	ug/kg	3.5
gamma-Chlordane	4.7		ug/kg	3.5	3.9		ug/kg	3.5	35		ug/kg	35	3.5	U	ug/kg	3.5
Toxaphene	70	U	ug/kg	70	71	U	ug/kg	71	710	U	ug/kg	710	70	U	ug/kg	70
Aroclor-1221	35	U	ug/kg	35	35	U	ug/kg	35	360	U	ug/kg	360	35	U	ug/kg	35
Aroclor-1232	35	U	ug/kg	35	35	U	ug/kg	35	360	U	ug/kg	360	35	U	ug/kg	35
Aroclor-1248	35	U	ug/kg	35	35	U	ug/kg	35	360	U	ug/kg	360	35	U	ug/kg	35
Aroclor-1254	35	U	ug/kg	35	35	U	ug/kg	35	360	U	ug/kg	360	270		ug/kg	35
Aroclor-1260	35	U	ug/kg	35	35	U	ug/kg	35	5700		ug/kg	360	35	U	ug/kg	35
Aroclor-1016/1242	35	U	ug/kg	35	35	U	ug/kg	35	360	U	ug/kg	360	35	U	ug/kg	35

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- PESTICIDES/PCBs -- REPORT REQUEST NO. 10597

Lab Sample Number:	JR47326			
Site	BRAC			
Locator	58S03301			
Collect Date:	22-DEC-98			
	VALUE	QUAL	UNITS	DL
BRAC PESTICIDES/PCBS				
alpha-BHC	360	U	ug/kg	360
beta-BHC	360	U	ug/kg	360
gamma-BHC (Lindane)	360	U	ug/kg	360
Heptachlor	360	U	ug/kg	360
Aldrin	360	U	ug/kg	360
Heptachlor epoxide	-			
Endosulfan I	1700		ug/kg	360
Dieldrin	710		ug/kg	360
4,4-DDE	1100		ug/kg	360
Endrin	360	U	ug/kg	360
Endosulfan II	360	U	ug/kg	360
4,4-DDD	360	U	ug/kg	360
Endosulfan sulfate	360	U	ug/kg	360
4,4-DDT	360	U	ug/kg	360
Methoxychlor	360	U	ug/kg	360
Endrin ketone	360	U	ug/kg	360
Endrin aldehyde	360	U	ug/kg	360
alpha-Chlordane	360	U	ug/kg	360
gamma-Chlordane	360	U	ug/kg	360
Toxaphene	7100	U	ug/kg	7100
Aroclor-1221	3500	U	ug/kg	3500
Aroclor-1232	3500	U	ug/kg	3500
Aroclor-1248	3500	U	ug/kg	3500
Aroclor-1254	71000		ug/kg	3500
Aroclor-1260	3500	U	ug/kg	3500
Aroclor-1016/1242	3500	U	ug/kg	3500

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NAS CECIL FIELD -- BFM COMPOUNDS

SURFACE SOIL -- RE-EXTRACTIONS & DILUTIONS PESTICIDES/PCBs -- REQ NO 10610

Lab Sample Number:	C854PRE				C85J9DL				C85J9RE				C85J9REDL		
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3		
Locator	58S00901RE				58S01001DL				58S01001RE				58S01001REDL		
Collect Date:	12-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	9.3	U	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
beta-BHC	9.3	U	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
delta-BHC	9.3	U	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
gamma-BHC (Lindane)	9.3	U	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
Heptachlor	9.3	U	ug/kg	9.3	36	U	ug/kg	36	.94	J	ug/kg	4	36	U	ug/kg	36
Aldrin	2.6	J	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
Heptachlor epoxide	7.2	J	ug/kg	10	6.6	J	ug/kg	36	3.8	J	ug/kg	4	4.4	J	ug/kg	36
Endosulfan I	9.3	U	ug/kg	9.3	36	U	ug/kg	36	3.6	U	ug/kg	3.6	36	U	ug/kg	36
Dieldrin	18	U	ug/kg	18	71	U	ug/kg	71	7.1	U	ug/kg	7.1	71	U	ug/kg	71
4,4-DDE	34		ug/kg	18	71	U	ug/kg	71	1.8	J	ug/kg	7	71	U	ug/kg	71
Endrin	18	U	ug/kg	18	71	U	ug/kg	71	7.1	U	ug/kg	7.1	71	U	ug/kg	71
Endosulfan II	18	U	ug/kg	18	71	U	ug/kg	71	7.1	U	ug/kg	7.1	71	U	ug/kg	71
4,4-DDD	12	J	ug/kg	18	66	J	ug/kg	71	38	J	ug/kg	7	42	J	ug/kg	71
Endosulfan sulfate	18	U	ug/kg	18	71	U	ug/kg	71	7.1	U	ug/kg	7.1	71	U	ug/kg	71
4,4-DDT	120	J	ug/kg	18	71	U	ug/kg	71	7.1	U	ug/kg	7.1	71	U	ug/kg	71
Methoxychlor	93	U	ug/kg	93	360	U	ug/kg	360	36	U	ug/kg	36	360	U	ug/kg	360
Endrin ketone	18	U	ug/kg	18	71	U	ug/kg	71	.17	J	ug/kg	7	71	U	ug/kg	71
Endrin aldehyde	9.4	J	ug/kg	18	71	U	ug/kg	71	2.2	J	ug/kg	7	71	U	ug/kg	71
alpha-Chlordane	44		ug/kg	10	230		ug/kg	36	120		ug/kg	4	150		ug/kg	36
gamma-Chlordane	45		ug/kg	10	260		ug/kg	36	140		ug/kg	4	170		ug/kg	36
Toxaphene	930	U	ug/kg	930	3600	U	ug/kg	3600	360	U	ug/kg	360	3600	U	ug/kg	3600
Aroclor-1016	180	U	ug/kg	180	710	U	ug/kg	710	71	U	ug/kg	71	710	U	ug/kg	710
Aroclor-1221	370	U	ug/kg	370	1400	U	ug/kg	1400	140	U	ug/kg	140	1400	U	ug/kg	1400
Aroclor-1232	180	U	ug/kg	180	710	U	ug/kg	710	71	U	ug/kg	71	710	U	ug/kg	710
Aroclor-1242	180	U	ug/kg	180	710	U	ug/kg	710	71	U	ug/kg	71	710	U	ug/kg	710
Aroclor-1248	180	U	ug/kg	180	710	U	ug/kg	710	71	U	ug/kg	71	710	U	ug/kg	710
Aroclor-1254	180	U	ug/kg	180	710	U	ug/kg	710	71	U	ug/kg	71	710	U	ug/kg	710
Aroclor-1260	260		ug/kg	180	710	U	ug/kg	710	100	J	ug/kg	71	710	U	ug/kg	710

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- RE-EXTRACTIONS & DILUTIONS PESTICIDES/PCBs -- REQ NO 10610

Lab Sample Number:	C85JFRE			C85JGDL			C85JGRE			C85JGREDL		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58S01101RE			58S01201DL			58S01201RE			58S01201REDL		
Collect Date:	13-FEB-97			13-FEB-97			13-FEB-97			13-FEB-97		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
beta-BHC	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
delta-BHC	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
gamma-BHC (Lindane)	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
Heptachlor	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
Aldrin	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
Heptachlor epoxide	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
Endosulfan I	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
Dieldrin	3.8 U	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
4,4-DDE	24	ug/kg	4	15000 U	ug/kg	15000	1100 J	ug/kg	1800	19000 U	ug/kg	19000
Endrin	3.8 U	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
Endosulfan II	3.8 U	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
4,4-DDD	3.8 U	ug/kg	3.8	1200 J	ug/kg	15000	1300 J	ug/kg	1800	2100 J	ug/kg	18000
Endosulfan sulfate	3.8 U	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
4,4-DDT	10	ug/kg	4	75000	ug/kg	15000	89000	ug/kg	1800	110000	ug/kg	18000
Methoxychlor	19 U	ug/kg	19	76000 U	ug/kg	76000	9400 U	ug/kg	9400	94000 U	ug/kg	94000
Endrin ketone	.13 J	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
Endrin aldehyde	3.8 U	ug/kg	3.8	15000 U	ug/kg	15000	1900 U	ug/kg	1900	19000 U	ug/kg	19000
alpha-Chlordane	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
gamma-Chlordane	1.9 U	ug/kg	1.9	7600 U	ug/kg	7600	940 U	ug/kg	940	9400 U	ug/kg	9400
Toxaphene	190 U	ug/kg	190	760000 U	ug/kg	760000	94000 U	ug/kg	94000	940000 U	ug/kg	940000
Aroclor-1016	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1221	76 U	ug/kg	76	300000 U	ug/kg	300000	38000 U	ug/kg	38000	380000 U	ug/kg	380000
Aroclor-1232	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1242	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1248	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1254	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000
Aroclor-1260	38 U	ug/kg	38	150000 U	ug/kg	150000	19000 U	ug/kg	19000	190000 U	ug/kg	190000

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- RE-EXTRACTIONS & DILUTIONS PESTICIDES/PCBs -- REQ NO 10610

Lab Sample Number:	C85JJRE				C85JMRE				C85K9RE			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S01301RE				58S01401RE				58S01501RE			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97			
	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	8.6	U	ug/kg	8.6	9.1	U	ug/kg	9.1
beta-BHC	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6	9.1	U	ug/kg	9.1
delta-BHC	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6	9.1	U	ug/kg	9.1
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6	9.1	U	ug/kg	9.1
Heptachlor	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6	9.1	U	ug/kg	9.1
Aldrin	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6	9.1	U	ug/kg	9.1
Heptachlor epoxide	1.8	U	ug/kg	1.8	8.6	U	ug/kg	8.6	1.8	J	ug/kg	9
Endosulfan I	1.8	U	ug/kg	1.8	1.2	J	ug/kg	9	1.3	J	ug/kg	9
Dieldrin	3.5	U	ug/kg	3.5	110		ug/kg	17	52		ug/kg	18
4,4-DDE	14		ug/kg	3	33	J	ug/kg	17	31		ug/kg	18
Endrin	3.5	U	ug/kg	3.5	12	J	ug/kg	17	18	U	ug/kg	18
Endosulfan II	3.5	U	ug/kg	3.5	17	U	ug/kg	17	18	U	ug/kg	18
4,4-DDD	3.5	U	ug/kg	3.5	17	U	ug/kg	17	18	U	ug/kg	18
Endosulfan sulfate	3.5	U	ug/kg	3.5	17	U	ug/kg	17	18	U	ug/kg	18
4,4-DDT	22		ug/kg	3	60		ug/kg	17	28		ug/kg	18
Methoxychlor	18	U	ug/kg	18	86	U	ug/kg	86	91	U	ug/kg	91
Endrin ketone	3.5	U	ug/kg	3.5	17	U	ug/kg	17	18	U	ug/kg	18
Endrin aldehyde	3.5	U	ug/kg	3.5	17	U	ug/kg	17	18	U	ug/kg	18
alpha-Chlordane	1.8	U	ug/kg	1.8	9.8		ug/kg	9	6.8	J	ug/kg	9
gamma-Chlordane	1.8	U	ug/kg	1.8	2.9	J	ug/kg	9	5.6	J	ug/kg	9
Toxaphene	180	U	ug/kg	180	860	U	ug/kg	860	910	U	ug/kg	910
Aroclor-1016	35	U	ug/kg	35	170	U	ug/kg	170	180	U	ug/kg	180
Aroclor-1221	70	U	ug/kg	70	340	U	ug/kg	340	360	U	ug/kg	360
Aroclor-1232	35	U	ug/kg	35	170	U	ug/kg	170	180	U	ug/kg	180
Aroclor-1242	35	U	ug/kg	35	170	U	ug/kg	170	180	U	ug/kg	180
Aroclor-1248	35	U	ug/kg	35	170	U	ug/kg	170	180	U	ug/kg	180
Aroclor-1254	35	U	ug/kg	35	170	U	ug/kg	170	180	U	ug/kg	180
Aroclor-1260	35	U	ug/kg	35	170	U	ug/kg	170	180	U	ug/kg	180

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10611

Lab Sample Number:	C8541				C8542				C8543				C85JP			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00101				58S00201				58S00301				58S00401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	197		mg/kg	40	190		mg/kg	40	629		mg/kg	40	589		mg/kg	40
Antimony	.65	U	mg/kg	12	.63	U	mg/kg	12	.86	J	mg/kg	12	.67	U	mg/kg	12
Arsenic	.43	U	mg/kg	2	1.4	J	mg/kg	2	2.1	J	mg/kg	2	4.9		mg/kg	2
Barium	2.7	J	mg/kg	40	1.9	J	mg/kg	40	13.5	J	mg/kg	40	18.1	J	mg/kg	40
Beryllium	.22	U	mg/kg	1	.21	U	mg/kg	1	.21	U	mg/kg	1	.22	U	mg/kg	1
Cadmium	.22	U	mg/kg	1	.21	U	mg/kg	1	.38	J	mg/kg	1	.51	J	mg/kg	1
Calcium	1590		mg/kg	1000	592	J	mg/kg	1000	1970		mg/kg	1000	5430		mg/kg	1000
Chromium	1.2	J	mg/kg	2	1.2	J	mg/kg	2	4		mg/kg	2	1.5	J	mg/kg	2
Cobalt	.22	U	mg/kg	10	.21	U	mg/kg	10	.66	J	mg/kg	10	.22	U	mg/kg	10
Copper	.22	U	mg/kg	5	.36	J	mg/kg	5	3.9	J	mg/kg	5	8.1		mg/kg	5
Iron	93.1		mg/kg	20	277		mg/kg	20	847		mg/kg	20	381		mg/kg	20
Lead	1.4		mg/kg	.6	2		mg/kg	.6	46.4		mg/kg	.6	17.2		mg/kg	.6
Magnesium	29.1	J	mg/kg	1000	23.1	J	mg/kg	1000	177	J	mg/kg	1000	50.9	J	mg/kg	1000
Manganese	1.6	J	mg/kg	3	2.3	J	mg/kg	3	18.2		mg/kg	3	4.2		mg/kg	3
Mercury	.05	U	mg/kg	.1	.05	U	mg/kg	.1	.05	U	mg/kg	.1	.06	J	mg/kg	.1
Nickel	.43	U	mg/kg	8	.42	U	mg/kg	8	.75	J	mg/kg	8	.49	J	mg/kg	8
Potassium	10.1	U	mg/kg	1000	9.9	U	mg/kg	1000	42.9	J	mg/kg	1000	10.4	U	mg/kg	1000
Selenium	.86	U	mg/kg	1	.84	U	mg/kg	1	.86	U	mg/kg	1	.89	U	mg/kg	1
Silver	.22	U	mg/kg	2	.21	U	mg/kg	2	.21	U	mg/kg	2	.22	U	mg/kg	2
Sodium	35	J	mg/kg	1000	23.3	U	mg/kg	1000	38.3	J	mg/kg	1000	24.6	U	mg/kg	1000
Thallium	.65	U	mg/kg	2	.63	U	mg/kg	2	.86	J	mg/kg	2	.67	U	mg/kg	2
Vanadium	.67	J	mg/kg	10	.75	J	mg/kg	10	2	J	mg/kg	10	.89	J	mg/kg	10
Zinc	3.2	J	mg/kg	4	5.3		mg/kg	4	38.6		mg/kg	4	67.2		mg/kg	4
Cyanide	.06	U	mg/kg	.5	.06	U	mg/kg	.5	.06	U	mg/kg	.5	.06	U	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10611

Lab Sample Number:	C854J				C854K				C854L				C854N			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00501				58S00601				58S00601D				58S00701			
Collect Date:	12-FEB-97				12-FEB-97				12-FEB-97				12-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	231		mg/kg	40	2910		mg/kg	40	3650		mg/kg	40	2390		mg/kg	40
Antimony	.63	U	mg/kg	12	.67	U	mg/kg	12	.67	U	mg/kg	12	.66	U	mg/kg	12
Arsenic	.42	U	mg/kg	2	.45	U	mg/kg	2	.45	U	mg/kg	2	.44	U	mg/kg	2
Barium	3.4	J	mg/kg	40	36.3	J	mg/kg	40	47.8		mg/kg	40	12.2	J	mg/kg	40
Beryllium	.21	U	mg/kg	1	.22	U	mg/kg	1	.22	U	mg/kg	1	.22	U	mg/kg	1
Cadmium	.21	U	mg/kg	1	.33	J	mg/kg	1	.35	J	mg/kg	1	.22	U	mg/kg	1
Calcium	733	J	mg/kg	1000	4540		mg/kg	1000	7730		mg/kg	1000	2820		mg/kg	1000
Chromium	3.3		mg/kg	2	6.8		mg/kg	2	10		mg/kg	2	8.7		mg/kg	2
Cobalt	.21	U	mg/kg	10	.47	J	mg/kg	10	.46	J	mg/kg	10	.22	U	mg/kg	10
Copper	1.6	J	mg/kg	5	8.3		mg/kg	5	7.3		mg/kg	5	3.3	J	mg/kg	5
Iron	204		mg/kg	20	1040		mg/kg	20	974		mg/kg	20	496		mg/kg	20
Lead	1.4		mg/kg	.6	19.5		mg/kg	.6	19.9		mg/kg	.6	13.7		mg/kg	.6
Magnesium	15.5	J	mg/kg	1000	190	J	mg/kg	1000	853	J	mg/kg	1000	179	J	mg/kg	1000
Manganese	2.6	J	mg/kg	3	29.1		mg/kg	3	71.2		mg/kg	3	19.3		mg/kg	3
Mercury	.05	U	mg/kg	.1	.11	J	mg/kg	.1	.07	J	mg/kg	.1	.07	J	mg/kg	.1
Nickel	.99	J	mg/kg	8	.94	J	mg/kg	8	.99	J	mg/kg	8	.8	J	mg/kg	8
Potassium	9.9	U	mg/kg	1000	29.3	J	mg/kg	1000	107	J	mg/kg	1000	34.8	J	mg/kg	1000
Selenium	.84	U	mg/kg	1	.89	U	mg/kg	1	.94	J	mg/kg	1	.88	U	mg/kg	1
Silver	.21	U	mg/kg	2	.22	U	mg/kg	2	.22	U	mg/kg	2	.22	U	mg/kg	2
Sodium	23.4	U	mg/kg	1000	29	J	mg/kg	1000	32.8	J	mg/kg	1000	24.3	U	mg/kg	1000
Thallium	.63	U	mg/kg	2	.67	U	mg/kg	2	.67	U	mg/kg	2	.66	U	mg/kg	2
Vanadium	.72	J	mg/kg	10	3.6	J	mg/kg	10	3.8	J	mg/kg	10	2.6	J	mg/kg	10
Zinc	2.2	J	mg/kg	4	31		mg/kg	4	37.9		mg/kg	4	14.1		mg/kg	4
Cyanide	.06	U	mg/kg	.5	.09	J	mg/kg	.5	.07	J	mg/kg	.5	.07	J	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10611

Lab Sample Number:	C85JW				C854P				C854Q				C85J9			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S00801				58S00901				58S00901D				58S01001			
Collect Date:	13-FEB-97				12-FEB-97				12-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	112		mg/kg	40	2160		mg/kg	40	1680		mg/kg	40	889		mg/kg	40
Antimony	.63	U	mg/kg	12	.66	U	mg/kg	12	.67	U	mg/kg	12	.64	U	mg/kg	12
Arsenic	.42	U	mg/kg	2	.44	U	mg/kg	2	.44	U	mg/kg	2	1.3	J	mg/kg	2
Barium	2.1	J	mg/kg	40	36.4	J	mg/kg	40	17.8	J	mg/kg	40	7.9	J	mg/kg	40
Beryllium	.21	U	mg/kg	1	.22	U	mg/kg	1	.22	U	mg/kg	1	.21	U	mg/kg	1
Cadmium	.21	U	mg/kg	1	.62	J	mg/kg	1	.59	J	mg/kg	1	.76	J	mg/kg	1
Calcium	5400		mg/kg	1000	61700		mg/kg	1000	61600		mg/kg	1000	47300		mg/kg	1000
Chromium	1	J	mg/kg	2	9.5		mg/kg	2	9.8		mg/kg	2	8		mg/kg	2
Cobalt	.21	U	mg/kg	10	.22	J	mg/kg	10	.22	U	mg/kg	10	.49	J	mg/kg	10
Copper	.21	U	mg/kg	5	12.2		mg/kg	5	11		mg/kg	5	21.6		mg/kg	5
Iron	76.8		mg/kg	20	1990		mg/kg	20	1040		mg/kg	20	2220		mg/kg	20
Lead	.71		mg/kg	.6	30.3		mg/kg	.6	31		mg/kg	.6	25.5		mg/kg	.6
Magnesium	35.4	J	mg/kg	1000	1360		mg/kg	1000	879	J	mg/kg	1000	582	J	mg/kg	1000
Manganese	2.4	J	mg/kg	3	38.9		mg/kg	3	25		mg/kg	3	74.6		mg/kg	3
Mercury	.05	U	mg/kg	.1	.14		mg/kg	.1	.16		mg/kg	.1	.07	J	mg/kg	.1
Nickel	.42	U	mg/kg	8	1.8	J	mg/kg	8	1.5	J	mg/kg	8	4.2	J	mg/kg	8
Potassium	9.9	U	mg/kg	1000	134	J	mg/kg	1000	62	J	mg/kg	1000	20.9	J	mg/kg	1000
Selenium	.84	U	mg/kg	1	.88	U	mg/kg	1	.89	U	mg/kg	1	.86	U	mg/kg	1
Silver	.21	U	mg/kg	2	.22	U	mg/kg	2	.28	J	mg/kg	2	.21	U	mg/kg	2
Sodium	23.4	U	mg/kg	1000	53.7	J	mg/kg	1000	24.7	U	mg/kg	1000	38.2	J	mg/kg	1000
Thallium	.63	U	mg/kg	2	.66	U	mg/kg	2	.67	U	mg/kg	2	.64	U	mg/kg	2
Vanadium	.54	J	mg/kg	10	3.3	J	mg/kg	10	3.1	J	mg/kg	10	3.8	J	mg/kg	10
Zinc	3.3	J	mg/kg	4	42.9		mg/kg	4	42.6		mg/kg	4	32.8		mg/kg	4
Cyanide	.07	J	mg/kg	.5	.08	J	mg/kg	.5	.06	U	mg/kg	.5	.07	J	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10611

Lab Sample Number:	C85JF				C85JG				C85JJ				C85JM			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58S01101				58S01201				58S01301				58S01401			
Collect Date:	13-FEB-97				13-FEB-97				13-FEB-97				13-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	237		mg/kg	40	2380		mg/kg	40	132		mg/kg	40	66.9		mg/kg	40
Antimony	.68	U	mg/kg	12	.72	J	mg/kg	12	.63	U	mg/kg	12	.62	U	mg/kg	12
Arsenic	.46	U	mg/kg	2	.45	U	mg/kg	2	.42	U	mg/kg	2	.41	U	mg/kg	2
Barium	5.9	J	mg/kg	40	6	J	mg/kg	40	2.2	J	mg/kg	40	3.1	J	mg/kg	40
Beryllium	.23	U	mg/kg	1	.85	J	mg/kg	1	.21	U	mg/kg	1	.21	U	mg/kg	1
Cadmium	.23	U	mg/kg	1	.23	U	mg/kg	1	.21	U	mg/kg	1	.21	U	mg/kg	1
Calcium	14500		mg/kg	1000	33300		mg/kg	1000	40700		mg/kg	1000	15300		mg/kg	1000
Chromium	2.1	J	mg/kg	2	4.2		mg/kg	2	2.4		mg/kg	2	1.3	J	mg/kg	2
Cobalt	.23	U	mg/kg	10	.57	J	mg/kg	10	.21	U	mg/kg	10	.21	U	mg/kg	10
Copper	.77	J	mg/kg	5	14.6		mg/kg	5	.36	J	mg/kg	5	.66	J	mg/kg	5
Iron	968		mg/kg	20	786		mg/kg	20	150		mg/kg	20	103		mg/kg	20
Lead	6.3		mg/kg	.6	17.2		mg/kg	.6	1.8		mg/kg	.6	2		mg/kg	.6
Magnesium	91.4	J	mg/kg	1000	247	J	mg/kg	1000	232	J	mg/kg	1000	103	J	mg/kg	1000
Manganese	10.8		mg/kg	3	16.2		mg/kg	3	5		mg/kg	3	2.9	J	mg/kg	3
Mercury	.06	U	mg/kg	.1	.06	U	mg/kg	.1	.05	U	mg/kg	.1	.05	J	mg/kg	.1
Nickel	.46	U	mg/kg	8	3.3	J	mg/kg	8	.42	U	mg/kg	8	.41	U	mg/kg	8
Potassium	10.7	U	mg/kg	1000	10.6	U	mg/kg	1000	9.9	U	mg/kg	1000	9.8	U	mg/kg	1000
Selenium	.91	U	mg/kg	1	.9	U	mg/kg	1	.84	U	mg/kg	1	.83	U	mg/kg	1
Silver	.23	U	mg/kg	2	.23	U	mg/kg	2	.21	U	mg/kg	2	.21	U	mg/kg	2
Sodium	25.3	U	mg/kg	1000	25.1	U	mg/kg	1000	23.4	U	mg/kg	1000	23	U	mg/kg	1000
Thallium	.68	U	mg/kg	2	.68	U	mg/kg	2	.63	U	mg/kg	2	.62	U	mg/kg	2
Vanadium	.82	J	mg/kg	10	2.2	J	mg/kg	10	1	J	mg/kg	10	.8	J	mg/kg	10
Zinc	8.5		mg/kg	4	50.9		mg/kg	4	8.4		mg/kg	4	4.3		mg/kg	4
Cyanide	.07	U	mg/kg	.5	.09	J	mg/kg	.5	.06	U	mg/kg	.5	.06	U	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- INORGANICS -- REQUEST NO. 10611

Lab Sample Number:	C85K9		
Site	CECILBRAC3		
Locator	58S01501		
Collect Date:	13-FEB-97		
	VALUE QUAL	UNITS	DL
CLP METALS AND CYANIDE			
Aluminum	1450	mg/kg	40
Antimony	.66 U	mg/kg	12
Arsenic	.44 U	mg/kg	2
Barium	3.5 J	mg/kg	40
Beryllium	.22 U	mg/kg	1
Cadmium	.22 U	mg/kg	1
Calcium	17100	mg/kg	1000
Chromium	3.6	mg/kg	2
Cobalt	.22 U	mg/kg	10
Copper	1.3 J	mg/kg	5
Iron	285	mg/kg	20
Lead	8.6	mg/kg	.6
Magnesium	134 J	mg/kg	1000
Manganese	5.3	mg/kg	3
Mercury	.05 U	mg/kg	.1
Nickel	.63 J	mg/kg	8
Potassium	10.3 U	mg/kg	1000
Selenium	.88 U	mg/kg	1
Silver	.22 U	mg/kg	2
Sodium	28.4 J	mg/kg	1000
Thallium	.66 U	mg/kg	2
Vanadium	1.9 J	mg/kg	10
Zinc	8.4	mg/kg	4
Cyanide	.1 J	mg/kg	.5

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- ARSENIC -- REPORT REQUEST NO. 10596

Lab Sample Number:	JR29702				JR29704				JR297010				JR297012			
Site	BRAC				BRAC				BRAC				BRAC			
Locator	58S01601				58S01701				58S01801				58S01901			
Collect Date:	27-AUG-98				27-AUG-98				27-AUG-98				27-AUG-98			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Arsenic	1.6	J	mg/kg	.6	2.4		mg/kg	.6	1	J	mg/kg	.5	.8	J	mg/kg	.5

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- ARSENIC -- REPORT REQUEST NO. 10596

Lab Sample Number:	JR29706				JR29708				JR29701				JR29703			
Site	BRAC				BRAC				BRAC				BRAC			
Locator	58S02001				58S02101				58S02201				58S02301			
Collect Date:	27-AUG-98				27-AUG-98				27-AUG-98				27-AUG-98			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Arsenic	1.5	J	mg/kg	.6	1.8	J	mg/kg	.6	.6	U	mg/kg	.6	2		mg/kg	.6

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- ARSENIC -- REPORT REQUEST NO. 10596

Lab Sample Number:	JR29705			JR29707			JR29709			JR297011		
Site	BRAC			BRAC			BRAC			BRAC		
Locator	58S02401			58S02501			58S02601			58S02701		
Collect Date:	27-AUG-98			27-AUG-98			27-AUG-98			27-AUG-98		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
Arsenic	2.4	mg/kg	.5	1.7 J	mg/kg	.6	2.5	mg/kg	.6	2.6	mg/kg	.6

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- ARSENIC -- REPORT REQUEST NO. 10596

Lab Sample Number:		JR47321		
Site		BRAC		
Locator		58S02801		
Collect Date:		22-DEC-98		
	VALUE	QUAL UNITS		DL
Arsenic	.5	U mg/kg		.5

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

NAS CECIL FIELD -- BFM COMPOUNDS
SURFACE SOIL -- TPH -- REQUEST NO. 10612

Lab Sample Number:	A7B1301700				A7B1301700				A7B1301700		
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3		
Locator	58S00101				58S00201				58S00301		
Collect Date:	12-FEB-97				12-FEB-97				12-FEB-97		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Total petroleum hydrocarbons	31		mg/kg	11	39		mg/kg	10	5900		mg/kg	540

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

NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- VOLATILES -- REQUEST NO. 10604

Lab Sample Number:	C80V4			C80V1			C80V5		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	58G00201			58G00301			58G00401		
Collect Date:	04-FEB-97			04-FEB-97			04-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP VOLATILES 90-SOW									
Chloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromomethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Vinyl chloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Methylene chloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Acetone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbon disulfide	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1-Dichloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1-Dichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloroethene (total)	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chloroform	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Butanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,1-Trichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbon tetrachloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromodichloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloropropane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
cis-1,3-Dichloropropene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Trichloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Dibromochloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,2-Trichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Benzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
trans-1,3-Dichloropropene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromoform	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Methyl-2-pentanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Hexanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Tetrachloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Toluene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,2,2-Tetrachloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Ethylbenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Styrene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Xylenes (total)	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10

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

NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10605

Lab Sample Number:	C80V4				C80V1				C80V5			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58G00201				58G00301				58G00401			
Collect Date:	04-FEB-97				04-FEB-97				04-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,3-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,4-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Isophorone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Nitrophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethoxy) methane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2,4-Trichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Naphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chloroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4,6-Trichlorophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2,4,5-Trichlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Chloronaphthalene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2-Nitroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dimethylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,6-Dinitrotoluene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
3-Nitroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Acenaphthene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2,4-Dinitrophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4-Nitrophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibenzofuran	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Diethylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Fluorene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4,6-Dinitro-2-methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
N-Nitrosodiphenylamine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobenzene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Pentachlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Phenanthrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbazole	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-butylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10605

Lab Sample Number:	C80V4				C80V1				C80V5			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58G00201				58G00301				58G00401			
Collect Date:	04-FEB-97				04-FEB-97				04-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Butylbenzylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
3,3-Dichlorobenzidine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chrysene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	2	J	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibenzo (a,h) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

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NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- PESTICIDES/PCBs -- REQUEST NO. 10606

Lab Sample Number:	C80V4				C80V1			C80V5		
Site	CECILBRAC3				CECILBRAC3			CECILBRAC3		
Locator	58G00201				58G00301			58G00401		
Collect Date:	04-FEB-97				04-FEB-97			04-FEB-97		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW												
alpha-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
beta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
delta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-BHC (Lindane)	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Aldrin	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor epoxide	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Endosulfan I	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Dieldrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDE	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan II	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDD	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan sulfate	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDT	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Methoxychlor	.5	U	ug/l	.5	.5	U	ug/l	.5	.5	U	ug/l	.5
Endrin ketone	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin aldehyde	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
alpha-Chlordane	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-Chlordane	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Toxaphene	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Aroclor-1016	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1221	2	U	ug/l	2	2	U	ug/l	2	2	U	ug/l	2
Aroclor-1232	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1242	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1248	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1254	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1260	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1

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NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- INORGANICS -- REQUEST NO. 10607

Lab Sample Number:	C80V4				C80V1				C80V5			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	58G00201				58G00301				58G00401			
Collect Date:	04-FEB-97				04-FEB-97				04-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	6240		ug/l	200	415		ug/l	200	103	J	ug/l	200
Antimony	3	U	ug/l	60	3	U	ug/l	60	3	U	ug/l	60
Arsenic	2	U	ug/l	10	2	U	ug/l	10	2	U	ug/l	10
Barium	28.9	J	ug/l	200	11.4	J	ug/l	200	24.3	J	ug/l	200
Beryllium	1	U	ug/l	5	1	U	ug/l	5	1	U	ug/l	5
Cadmium	1	U	ug/l	5	1	U	ug/l	5	1	U	ug/l	5
Calcium	13400		ug/l	5000	7480		ug/l	5000	46500		ug/l	5000
Chromium	3.9	J	ug/l	10	1	U	ug/l	10	1	U	ug/l	10
Cobalt	2.3	J	ug/l	50	1	U	ug/l	50	1.4	J	ug/l	50
Copper	1.8	J	ug/l	25	1	U	ug/l	25	1	U	ug/l	25
Iron	2030		ug/l	100	48.9	J	ug/l	100	36.7	J	ug/l	100
Lead	3.3		ug/l	3	1	U	ug/l	3	1	U	ug/l	3
Magnesium	2670	J	ug/l	5000	1340	J	ug/l	5000	3670	J	ug/l	5000
Manganese	185		ug/l	15	36		ug/l	15	48.9		ug/l	15
Mercury	.1	U	ug/l	.2	.1	U	ug/l	.2	.1	U	ug/l	.2
Nickel	2.5	J	ug/l	40	2	U	ug/l	40	2	U	ug/l	40
Potassium	526	J	ug/l	5000	266	J	ug/l	5000	1360	J	ug/l	5000
Selenium	4	U	ug/l	5	4	U	ug/l	5	4	U	ug/l	5
Silver	1	U	ug/l	10	1	U	ug/l	10	1	U	ug/l	10
Sodium	6840		ug/l	5000	1800	J	ug/l	5000	15500		ug/l	5000
Thallium	3	U	ug/l	10	3.3	J	ug/l	10	3.6	J	ug/l	10
Vanadium	6.6	J	ug/l	50	2.5	J	ug/l	50	6.3	J	ug/l	50
Zinc	16.3	J	ug/l	20	7.3	J	ug/l	20	53		ug/l	20
Cyanide	1.2	U	ug/l	10	1.8	J	ug/l	10	1.2	U	ug/l	10

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

NAS CECIL FIELD -- BFM COMPOUNDS
GROUNDWATER -- MANGANESE -- REQUEST NO. 10613

Lab Sample Number:		JR38612		
Site		BRAC		
Locator		58G00202		
Collect Date:		28-OCT-98		
	VALUE	QUAL UNITS		DL
Manganese	.043		mg/l	.01
Manganese-DISS	.048		mg/l	.01

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

NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- VOLATILES -- REQUEST NO. 10599

Lab Sample Number:	C832K				C832L			
Site	CECILBRAC3				CECILBRAC3			
Locator	58D00101				58D00201			
Collect Date:	08-FEB-97				08-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	11	U	ug/kg	11	12	U	ug/kg	12
Bromomethane	11	U	ug/kg	11	12	U	ug/kg	12
Vinyl chloride	11	U	ug/kg	11	12	U	ug/kg	12
Chloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Methylene chloride	11	U	ug/kg	11	12	U	ug/kg	12
Acetone	11	U	ug/kg	11	12	U	ug/kg	12
Carbon disulfide	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethene	11	U	ug/kg	11	12	U	ug/kg	12
1,1-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethene (total)	11	U	ug/kg	11	12	U	ug/kg	12
Chloroform	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
2-Butanone	11	U	ug/kg	11	12	U	ug/kg	12
1,1,1-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Carbon tetrachloride	11	U	ug/kg	11	12	U	ug/kg	12
Bromodichloromethane	11	U	ug/kg	11	12	U	ug/kg	12
1,2-Dichloropropane	11	U	ug/kg	11	12	U	ug/kg	12
cis-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12
Trichloroethene	11	U	ug/kg	11	12	U	ug/kg	12
Dibromochloromethane	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2-Trichloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Benzene	11	U	ug/kg	11	12	U	ug/kg	12
trans-1,3-Dichloropropene	11	U	ug/kg	11	12	U	ug/kg	12
Bromoform	11	U	ug/kg	11	12	U	ug/kg	12
4-Methyl-2-pentanone	11	U	ug/kg	11	12	U	ug/kg	12
2-Hexanone	11	U	ug/kg	11	12	U	ug/kg	12
Tetrachloroethene	11	U	ug/kg	11	12	U	ug/kg	12
Toluene	11	U	ug/kg	11	12	U	ug/kg	12
1,1,2,2-Tetrachloroethane	11	U	ug/kg	11	12	U	ug/kg	12
Chlorobenzene	11	U	ug/kg	11	12	U	ug/kg	12
Ethylbenzene	11	U	ug/kg	11	12	U	ug/kg	12
Styrene	11	U	ug/kg	11	12	U	ug/kg	12
Xylenes (total)	11	U	ug/kg	11	12	U	ug/kg	12

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NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- SEMIVOLATILES -- REQUEST NO. 10600

Lab Sample Number:	C832K			C832L		
Site	CECILBRAC3			CECILBRAC3		
Locator	58D00101			58D00201		
Collect Date:	08-FEB-97			08-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW						
Phenol	370 U	ug/kg	370	410 U	ug/kg	410
bis(2-Chloroethyl) ether	370 U	ug/kg	370	410 U	ug/kg	410
2-Chlorophenol	370 U	ug/kg	370	410 U	ug/kg	410
1,3-Dichlorobenzene	370 U	ug/kg	370	410 U	ug/kg	410
1,4-Dichlorobenzene	370 U	ug/kg	370	410 U	ug/kg	410
1,2-Dichlorobenzene	370 U	ug/kg	370	410 U	ug/kg	410
2-Methylphenol	370 U	ug/kg	370	410 U	ug/kg	410
2,2-oxybis(1-Chloropropane)	370 U	ug/kg	370	410 U	ug/kg	410
4-Methylphenol	370 U	ug/kg	370	410 U	ug/kg	410
N-Nitroso-di-n-propylamine	370 U	ug/kg	370	410 U	ug/kg	410
Hexachloroethane	370 U	ug/kg	370	410 U	ug/kg	410
Nitrobenzene	370 U	ug/kg	370	410 U	ug/kg	410
Isophorone	370 U	ug/kg	370	410 U	ug/kg	410
2-Nitrophenol	370 U	ug/kg	370	410 U	ug/kg	410
2,4-Dimethylphenol	370 U	ug/kg	370	410 U	ug/kg	410
bis(2-Chloroethoxy) methane	370 U	ug/kg	370	410 U	ug/kg	410
2,4-Dichlorophenol	370 U	ug/kg	370	410 U	ug/kg	410
1,2,4-Trichlorobenzene	370 U	ug/kg	370	410 U	ug/kg	410
Naphthalene	370 U	ug/kg	370	410 U	ug/kg	410
4-Chloroaniline	370 U	ug/kg	370	410 U	ug/kg	410
Hexachlorobutadiene	370 U	ug/kg	370	410 U	ug/kg	410
4-Chloro-3-methylphenol	370 U	ug/kg	370	410 U	ug/kg	410
2-Methylnaphthalene	370 U	ug/kg	370	410 U	ug/kg	410
Hexachlorocyclopentadiene	370 U	ug/kg	370	410 U	ug/kg	410
2,4,6-Trichlorophenol	890 U	ug/kg	890	980 U	ug/kg	980
2,4,5-Trichlorophenol	370 U	ug/kg	370	410 U	ug/kg	410
2-Chloronaphthalene	890 U	ug/kg	890	980 U	ug/kg	980
2-Nitroaniline	370 U	ug/kg	370	410 U	ug/kg	410
Dimethylphthalate	370 U	ug/kg	370	410 U	ug/kg	410
Acenaphthylene	370 U	ug/kg	370	410 U	ug/kg	410
2,6-Dinitrotoluene	890 U	ug/kg	890	980 U	ug/kg	980
3-Nitroaniline	370 U	ug/kg	370	410 U	ug/kg	410
Acenaphthene	890 U	ug/kg	890	980 U	ug/kg	980
2,4-Dinitrophenol	890 U	ug/kg	890	980 U	ug/kg	980
4-Nitrophenol	370 U	ug/kg	370	410 U	ug/kg	410
Dibenzofuran	370 U	ug/kg	370	410 U	ug/kg	410
2,4-Dinitrotoluene	370 U	ug/kg	370	410 U	ug/kg	410
Diethylphthalate	370 U	ug/kg	370	410 U	ug/kg	410
4-Chlorophenyl-phenylether	370 U	ug/kg	370	410 U	ug/kg	410
Fluorene	890 U	ug/kg	890	980 U	ug/kg	980
4-Nitroaniline	890 U	ug/kg	890	980 U	ug/kg	980
4,6-Dinitro-2-methylphenol	370 U	ug/kg	370	410 U	ug/kg	410
N-Nitrosodiphenylamine	370 U	ug/kg	370	410 U	ug/kg	410
4-Bromophenyl-phenylether	370 U	ug/kg	370	410 U	ug/kg	410
Hexachlorobenzene	890 U	ug/kg	890	980 U	ug/kg	980
Pentachlorophenol	370 U	ug/kg	370	410 U	ug/kg	410
Phenanthrene	370 U	ug/kg	370	410 U	ug/kg	410
Anthracene	370 U	ug/kg	370	410 U	ug/kg	410
Carbazole	370 U	ug/kg	370	410 U	ug/kg	410
Di-n-butylphthalate						

NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- SEMIVOLATILES -- REQUEST NO. 10600

Lab Sample Number:	C832K				C832L			
Site	CECILBRAC3				CECILBRAC3			
Locator	58D00101				58D00201			
Collect Date:	08-FEB-97				08-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluoranthene	49	J	ug/kg	360	54	J	ug/kg	410
Pyrene	140	J	ug/kg	360	89	J	ug/kg	410
Butylbenzylphthalate	370	U	ug/kg	370	410	U	ug/kg	410
3,3-Dichlorobenzidine	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (a) anthracene	47	J	ug/kg	360	410	U	ug/kg	410
Chrysene	73	J	ug/kg	360	55	J	ug/kg	410
bis(2-Ethylhexyl) phthalate	56	J	ug/kg	360	48	J	ug/kg	410
Di-n-octylphthalate	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (b) fluoranthene	84	J	ug/kg	360	90	J	ug/kg	410
Benzo (k) fluoranthene	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (a) pyrene	70	J	ug/kg	360	58	J	ug/kg	410
Indeno (1,2,3-cd) pyrene	42	J	ug/kg	360	410	U	ug/kg	410
Dibenzo (a,h) anthracene	370	U	ug/kg	370	410	U	ug/kg	410
Benzo (g,h,i) perylene	45	J	ug/kg	360	410	U	ug/kg	410

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NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- PESTICIDES/PCBs -- REQUEST NO. 10601

Lab Sample Number:	C832K				C832L			
Site	CECILBRAC3				CECILBRAC3			
Locator	58D00101				58D00201			
Collect Date:	07-FEB-97				07-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	3.7	U	ug/kg	3.7	10	U	ug/kg	10
beta-BHC	3.7	U	ug/kg	3.7	10	U	ug/kg	10
delta-BHC	3.7	U	ug/kg	3.7	10	U	ug/kg	10
gamma-BHC (Lindane)	3.7	U	ug/kg	3.7	10	U	ug/kg	10
Heptachlor	3.7	U	ug/kg	3.7	10	U	ug/kg	10
Aldrin	3.4	J	ug/kg	4	10	U	ug/kg	10
Heptachlor epoxide	3.7	U	ug/kg	3.7	10	U	ug/kg	10
Endosulfan I	7.4	U	ug/kg	7.4	20	U	ug/kg	20
Dieldrin	20		ug/kg	7	6.7	J	ug/kg	20
4,4-DDE	.48	J	ug/kg	7	20	U	ug/kg	20
Endrin	7.4	U	ug/kg	7.4	20	U	ug/kg	20
Endosulfan II	19	J	ug/kg	7	20	U	ug/kg	20
4,4-DDD	7.4	U	ug/kg	7.4	20	U	ug/kg	20
Endosulfan sulfate	5	J	ug/kg	7	20	U	ug/kg	20
4,4-DDT	24	J	ug/kg	38	100	U	ug/kg	100
Methoxychlor	7.4	U	ug/kg	7.4	20	U	ug/kg	20
Endrin ketone	7.4	U	ug/kg	7.4	20	U	ug/kg	20
Endrin aldehyde	27	J	ug/kg	4	1.5	J	ug/kg	10
alpha-Chlordane	23		ug/kg	4	10	U	ug/kg	10
gamma-Chlordane	370	U	ug/kg	370	1000	U	ug/kg	1000
Toxaphene	74	U	ug/kg	74	200	U	ug/kg	200
Aroclor-1016	150	U	ug/kg	150	410	U	ug/kg	410
Aroclor-1221	74	U	ug/kg	74	200	U	ug/kg	200
Aroclor-1232	74	U	ug/kg	74	200	U	ug/kg	200
Aroclor-1242	74	U	ug/kg	74	200	U	ug/kg	200
Aroclor-1248	74	U	ug/kg	74	200	U	ug/kg	200
Aroclor-1254	110	J	ug/kg	73	200	U	ug/kg	200
Aroclor-1260								

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NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- INORGANICS -- REQUEST NO. 10602

Lab Sample Number:	C832K				C832L			
Site	CECILBRAC3				CECILBRAC3			
Locator	58D00101				58D00201			
Collect Date:	08-FEB-97				08-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	1360		mg/kg	40	3550		mg/kg	40
Antimony	.67	U	mg/kg	12	.74	U	mg/kg	12
Arsenic	.44	U	mg/kg	2	.61	J	mg/kg	2
Barium	5.5	J	mg/kg	40	6.3	J	mg/kg	40
Beryllium	.22	U	mg/kg	1	.25	U	mg/kg	1
Cadmium	.34	J	mg/kg	1	.38	J	mg/kg	1
Calcium	4800		mg/kg	1000	6130		mg/kg	1000
Chromium	3.3		mg/kg	2	7.7		mg/kg	2
Cobalt	.22	U	mg/kg	10	.25	U	mg/kg	10
Copper	4.1	J	mg/kg	5	6	J	mg/kg	5
Iron	604		mg/kg	20	1170		mg/kg	20
Lead	64.3		mg/kg	.6	30.6		mg/kg	.6
Magnesium	214	J	mg/kg	1000	126	J	mg/kg	1000
Manganese	25.9		mg/kg	3	9		mg/kg	3
Mercury	.06	U	mg/kg	.1	.06	U	mg/kg	.1
Nickel	1.5	J	mg/kg	8	2.1	J	mg/kg	8
Potassium	21	J	mg/kg	1000	31.2	J	mg/kg	1000
Selenium	.89	U	mg/kg	1	.99	U	mg/kg	1
Silver	.22	U	mg/kg	2	.25	U	mg/kg	2
Sodium	25.3	J	mg/kg	1000	28	J	mg/kg	1000
Thallium	.67	U	mg/kg	2	.85	J	mg/kg	2
Vanadium	4.6	J	mg/kg	10	5.1	J	mg/kg	10
Zinc	24.3		mg/kg	4	48.4		mg/kg	4
Cyanide	.06	U	mg/kg	.5	.07	U	mg/kg	.5

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NAS CECIL FIELD -- BFM COMPOUNDS
SEDIMENT -- TPH & TOC -- REQUEST NO. 10603

Lab Sample Number:	A7B0801150				A7B0801150		
Site	CECILBRAC3				CECILBRAC3		
Locator	58D00101				58D00201		
Collect Date:	07-FEB-97				07-FEB-97		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Total petroleum hydrocarbons	440		mg/kg	56	86		mg/kg	12
Total organic carbon	7800		mg/kg	110	12000		mg/kg	120

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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- VOLATILES -- REQUEST NO. 10640

Lab Sample Number:	C8219			C81L7			C81L8			C8216		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	87G00101			87G00201			87G00201D			87G00301		
Collect Date:	06-FEB-97			05-FEB-97			05-FEB-97			06-FEB-97		
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW												
Chloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromomethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Vinyl chloride	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Methylene chloride	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Acetone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbon disulfide	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethene (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chloroform	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Butanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,1-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbon tetrachloride	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromodichloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichloropropane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
cis-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Trichloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibromochloromethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,2-Trichloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
trans-1,3-Dichloropropene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Bromoform	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Methyl-2-pentanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Hexanone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Tetrachloroethene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Toluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,1,2,2-Tetrachloroethane	10	U	ug/l	10	10	U	ug/l	10	4	J	ug/l	10
Chlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Ethylbenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Styrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Xylenes (total)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- VOLATILES -- REQUEST NO. 10640

Lab Sample Number:	C8218			C821A			C81L9		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	87G00301D			87G00401			87G00501		
Collect Date:	06-FEB-97			06-FEB-97			05-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP VOLATILES 90-SOW									
Chloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromomethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Vinyl chloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Methylene chloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Acetone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbon disulfide	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1-Dichloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1-Dichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloroethene (total)	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chloroform	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Butanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,1-Trichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Carbon tetrachloride	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromodichloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,2-Dichloropropane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
cis-1,3-Dichloropropene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Trichloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Dibromochloromethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,2-Trichloroethane	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Benzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
trans-1,3-Dichloropropene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Bromoform	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
4-Methyl-2-pentanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
2-Hexanone	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Tetrachloroethene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Toluene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
1,1,2,2-Tetrachloroethane	5 J	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Chlorobenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Ethylbenzene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Styrene	10 U	ug/l	10	10 U	ug/l	10	10 U	ug/l	10
Xylenes (total)									

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

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10641

Lab Sample Number:	C8219				C81L7				C81L8				C8216			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	87G00101				87G00201				87G00201D				87G00301			
Collect Date:	06-FEB-97				05-FEB-97				05-FEB-97				06-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,3-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	3	J	ug/l	10
1,4-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	3	J	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Isophorone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Nitrophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethoxy) methane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	7	J	ug/l	10
1,2,4-Trichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Naphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chloroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4,6-Trichlorophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2,4,5-Trichlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Chloronaphthalene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2-Nitroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dimethylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,6-Dinitrotoluene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
3-Nitroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Acenaphthene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2,4-Dinitrophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4-Nitrophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibenzofuran	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Diethylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Fluorene	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4,6-Dinitro-2-methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
N-Nitrosodiphenylamine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pentachlorophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Phenanthrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbazole	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-butylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10641

Lab Sample Number:	C8219				C81L7				C81L8				C8216			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	87G00101				87G00201				87G00201D				87G00301			
Collect Date:	06-FEB-97				05-FEB-97				05-FEB-97				06-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Butylbenzylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
3,3-Dichlorobenzidine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chrysene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibenzo (a,h) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

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

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10641

Lab Sample Number:	C8218				C821A				C81L9			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	87G00301D				87G00401				87G00501			
Collect Date:	06-FEB-97				06-FEB-97				05-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW												
Phenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,3-Dichlorobenzene	4	J	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,4-Dichlorobenzene	4	J	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Isophorone	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Nitrophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Chloroethoxy) methane	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
1,2,4-Trichlorobenzene	9	J	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Naphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chloroaniline	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4,6-Trichlorophenol	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4,5-Trichlorophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
2-Chloronaphthalene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Dimethylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,6-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
3-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Acenaphthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4-Nitrophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Dibenzofuran	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Diethylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Fluorene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- SEMIVOLATILES -- REQUEST NO. 10641

Lab Sample Number:	C8218				C821A				C81L9			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	87G00301D				87G00401				87G00501			
Collect Date:	06-FEB-97				06-FEB-97				05-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
4-Nitroaniline	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
4,6-Dinitro-2-methylphenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
N-Nitrosodiphenylamine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Hexachlorobenzene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pentachlorophenol	25	U	ug/l	25	25	U	ug/l	25	25	U	ug/l	25
Phenanthrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Carbazole	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-butylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Butylbenzylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
3,3-Dichlorobenzidine	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Chrysene	1	J	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Dibenzo (a,h) anthracene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10	10	U	ug/l	10	10	U	ug/l	10

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

NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- PESTICIDES AND PCBs -- REQUEST NO. 10642

Lab Sample Number:	C8219				C81L7				C81L8				C8216			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	87G00101				87G00201				87G00201D				87G00301			
Collect Date:	06-FEB-97				05-FEB-97				05-FEB-97				06-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW																
alpha-BHC	.01	J	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
beta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
delta-BHC	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-BHC (Lindane)	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Aldrin	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Heptachlor epoxide	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
Endosulfan I	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Dieldrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDE	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan II	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDD	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endosulfan sulfate	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
4,4-DDT	.5	U	ug/l	.5	.5	U	ug/l	.5	.5	U	ug/l	.5	.5	U	ug/l	.5
Methoxychlor	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin ketone	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1	.1	U	ug/l	.1
Endrin aldehyde	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
alpha-Chlordane	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05	.05	U	ug/l	.05
gamma-Chlordane	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5	5	U	ug/l	5
Toxaphene	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1016	2	U	ug/l	2	2	U	ug/l	2	2	U	ug/l	2	2	U	ug/l	2
Aroclor-1221	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1232	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1242	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1248	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1254	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1	1	U	ug/l	1
Aroclor-1260																

U = NOT DETECTED J = ESTIMATED VALUE
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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- PESTICIDES AND PCBs -- REQUEST NO. 10642

Lab Sample Number:	C8218			C821A			C81L9		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	87G00301D			87G00401			87G00501		
Collect Date:	06-FEB-97			06-FEB-97			05-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP PESTICIDES/PCBS 90-SOW									
alpha-BHC	.05 U	ug/l	.05	.05 U	ug/l	.05	.05 U	ug/l	.05
beta-BHC	.05 U	ug/l	.05	.05 U	ug/l	.05	.05 U	ug/l	.05
delta-BHC	.05 U	ug/l	.05	.05 U	ug/l	.05	.05 U	ug/l	.05
gamma-BHC (Lindane)	.05 U	ug/l	.05	.05 U	ug/l	.05	.05 U	ug/l	.05
Heptachlor	.05 U	ug/l	.05	.05 U	ug/l	.05	.05 U	ug/l	.05
Aldrin	.013 J	ug/l	.05	.05 U	ug/l	.05	.05 U	ug/l	.05
Heptachlor epoxide	.05 U	ug/l	.05	.05 U	ug/l	.05	.05 U	ug/l	.05
Endosulfan I	.1 U	ug/l	.1	.1 U	ug/l	.1	.1 U	ug/l	.1
Dieldrin	.1 U	ug/l	.1	.1 U	ug/l	.1	.1 U	ug/l	.1
4,4-DDE	.1 U	ug/l	.1	.1 U	ug/l	.1	.1 U	ug/l	.1
Endrin	.1 U	ug/l	.1	.1 U	ug/l	.1	.1 U	ug/l	.1
Endosulfan II	.1 U	ug/l	.1	.1 U	ug/l	.1	.1 U	ug/l	.1
4,4-DDD	.1 U	ug/l	.1	.1 U	ug/l	.1	.1 U	ug/l	.1
Endosulfan sulfate	.1 U	ug/l	.1	.1 U	ug/l	.1	.1 U	ug/l	.1
4,4-DDT	.5 U	ug/l	.5	.5 U	ug/l	.5	.5 U	ug/l	.5
Methoxychlor	.1 U	ug/l	.1	.1 U	ug/l	.1	.1 U	ug/l	.1
Endrin ketone	.1 U	ug/l	.1	.1 U	ug/l	.1	.1 U	ug/l	.1
Endrin aldehyde	.05 U	ug/l	.05	.05 U	ug/l	.05	.05 U	ug/l	.05
alpha-Chlordane	.05 U	ug/l	.05	.05 U	ug/l	.05	.05 U	ug/l	.05
gamma-Chlordane	5 U	ug/l	5	5 U	ug/l	5	5 U	ug/l	5
Toxaphene	1 U	ug/l	1	1 U	ug/l	1	1 U	ug/l	1
Aroclor-1016	2 U	ug/l	2	2 U	ug/l	2	2 U	ug/l	2
Aroclor-1221	1 U	ug/l	1	1 U	ug/l	1	1 U	ug/l	1
Aroclor-1232	1 U	ug/l	1	1 U	ug/l	1	1 U	ug/l	1
Aroclor-1242	1 U	ug/l	1	1 U	ug/l	1	1 U	ug/l	1
Aroclor-1248	1 U	ug/l	1	1 U	ug/l	1	1 U	ug/l	1
Aroclor-1254	1 U	ug/l	1	1 U	ug/l	1	1 U	ug/l	1
Aroclor-1260	1 U	ug/l	1	1 U	ug/l	1	1 U	ug/l	1

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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- INORGANICS -- REQUEST NO. 10643

Lab Sample Number:	C8219				C81L7				C81L8				C81L8F			
Site	CECILBRAC3				CECILBRAC3				CECILBRAC3				CECILBRAC3			
Locator	87G00101				87G00201				87G00201D				87G00201DF			
Collect Date:	06-FEB-97				05-FEB-97				05-FEB-97				05-FEB-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	213		ug/l	200	9180		ug/l	200	3110		ug/l	200	803		ug/l	200
Antimony	3	U	ug/l	60	3	U	ug/l	60	3	U	ug/l	60	3	U	ug/l	60
Arsenic	2	U	ug/l	10	2	U	ug/l	10	2	U	ug/l	10	2	U	ug/l	10
Barium	31.4	J	ug/l	200	20	J	ug/l	200	14.5	J	ug/l	200	10.7	J	ug/l	200
Beryllium	1	U	ug/l	5	1	U	ug/l	5	1	U	ug/l	5	1	U	ug/l	5
Cadmium	1	U	ug/l	5	1	U	ug/l	5	1	U	ug/l	5	1	U	ug/l	5
Calcium	5280		ug/l	5000	24100		ug/l	5000	23500		ug/l	5000	22700		ug/l	5000
Chromium	1	U	ug/l	10	6.9	J	ug/l	10	2.2	J	ug/l	10	1.7	J	ug/l	10
Cobalt	1.2	J	ug/l	50	1.2	J	ug/l	50	1	U	ug/l	50	1.1	J	ug/l	50
Copper	1	U	ug/l	25	1	J	ug/l	25	1	U	ug/l	25	1	U	ug/l	25
Iron	11	U	ug/l	100	1580		ug/l	100	576		ug/l	100	129		ug/l	100
Lead	1	U	ug/l	3	4.7		ug/l	3	1	U	ug/l	3	1	U	ug/l	3
Magnesium	2110	J	ug/l	5000	6140		ug/l	5000	6070		ug/l	5000	6060		ug/l	5000
Manganese	51.5		ug/l	15	13.1	J	ug/l	15	11	J	ug/l	15	9.9	J	ug/l	15
Mercury	.1	U	ug/l	.2	.1	U	ug/l	.2	.1	U	ug/l	.2	.1	U	ug/l	.2
Nickel	2	U	ug/l	40	2	U	ug/l	40	2	U	ug/l	40	2	U	ug/l	40
Potassium	563	J	ug/l	5000	7180		ug/l	5000	7290		ug/l	5000	7560		ug/l	5000
Selenium	4	U	ug/l	5	4	U	ug/l	5	4	U	ug/l	5	4	U	ug/l	5
Silver	1	U	ug/l	10	1	U	ug/l	10	1	U	ug/l	10	1	U	ug/l	10
Sodium	11500		ug/l	5000	11300		ug/l	5000	10300		ug/l	5000	10800		ug/l	5000
Thallium	3.3	J	ug/l	10	3	U	ug/l	10	3	U	ug/l	10	3	U	ug/l	10
Vanadium	2.1	J	ug/l	50	9.2	J	ug/l	50	4.9	J	ug/l	50	3	J	ug/l	50
Zinc	8.4	J	ug/l	20	9	J	ug/l	20	6.1	J	ug/l	20	2	U	ug/l	20
Cyanide	2	J	ug/l	10	2.7	J	ug/l	10	1.3	J	ug/l	10	-			

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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- INORGANICS -- REQUEST NO. 10643

Lab Sample Number:	C81L7F			C8216			C8218			C821A		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	87G00201F			87G00301			87G00301D			87G00401		
Collect Date:	05-FEB-97			06-FEB-97			06-FEB-97			06-FEB-97		
	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL	VALUE QUAL	UNITS	DL
CLP METALS AND CYANIDE												
Aluminum	709	ug/l	200	36400	ug/l	200	224	ug/l	200	53.3 J	ug/l	200
Antimony	4.4 J	ug/l	60	3 U	ug/l	60	3 U	ug/l	60	3 U	ug/l	60
Arsenic	2 U	ug/l	10	2 U	ug/l	10	2 U	ug/l	10	2 U	ug/l	10
Barium	10.9 J	ug/l	200	45.4 J	ug/l	200	18.8 J	ug/l	200	9.7 J	ug/l	200
Beryllium	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5
Cadmium	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5	1 U	ug/l	5
Calcium	23300	ug/l	5000	87500	ug/l	5000	83100	ug/l	5000	52200	ug/l	5000
Chromium	1 U	ug/l	10	26.1	ug/l	10	1 U	ug/l	10	1 U	ug/l	10
Cobalt	1.2 J	ug/l	50	2.6 J	ug/l	50	1 U	ug/l	50	1.2 J	ug/l	50
Copper	1 U	ug/l	25	5.4 J	ug/l	25	1 U	ug/l	25	1 U	ug/l	25
Iron	111	ug/l	100	4590	ug/l	100	51.4 J	ug/l	100	124	ug/l	100
Lead	1 U	ug/l	3	13.9	ug/l	3	1 U	ug/l	3	1 U	ug/l	3
Magnesium	6220	ug/l	5000	5250	ug/l	5000	4140 J	ug/l	5000	2290 J	ug/l	5000
Manganese	10.6 J	ug/l	15	28.3	ug/l	15	3.5 J	ug/l	15	24.6	ug/l	15
Mercury	.1 U	ug/l	.2	.1 U	ug/l	.2	.1 U	ug/l	.2	.1 U	ug/l	.2
Nickel	2 U	ug/l	40	10.8 J	ug/l	40	2 U	ug/l	40	2 U	ug/l	40
Potassium	7520	ug/l	5000	2460 J	ug/l	5000	1500 J	ug/l	5000	513 J	ug/l	5000
Selenium	4 U	ug/l	5	6.4	ug/l	5	4 U	ug/l	5	4 U	ug/l	5
Silver	1 U	ug/l	10	1 U	ug/l	10	1 U	ug/l	10	1 U	ug/l	10
Sodium	10800	ug/l	5000	18300	ug/l	5000	16800	ug/l	5000	1810 J	ug/l	5000
Thallium	3.6 J	ug/l	10	3 U	ug/l	10	3 U	ug/l	10	3 U	ug/l	10
Vanadium	2.6 J	ug/l	50	30 J	ug/l	50	4.9 J	ug/l	50	3 J	ug/l	50
Zinc	8.3 J	ug/l	20	18.6 J	ug/l	20	2.1 J	ug/l	20	5.2 J	ug/l	20
Cyanide	-			1.2 U	ug/l	10	1.2 U	ug/l	10	1.2 U	ug/l	10

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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- INORGANICS -- REQUEST NO. 10643

Lab Sample Number:	C81L9			
Site	CECILBRAC3			
Locator	87G00501			
Collect Date:	05-FEB-97			
	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE				
Aluminum	78.4	J	ug/l	200
Antimony	3	U	ug/l	60
Arsenic	2	U	ug/l	10
Barium	31.3	J	ug/l	200
Beryllium	1	U	ug/l	5
Cadmium	1	U	ug/l	5
Calcium	76500		ug/l	5000
Chromium	1	U	ug/l	10
Cobalt	1.1	J	ug/l	50
Copper	1	U	ug/l	25
Iron	328		ug/l	100
Lead	1	U	ug/l	3
Magnesium	9240		ug/l	5000
Manganese	23.7		ug/l	15
Mercury	.1	U	ug/l	.2
Nickel	2	U	ug/l	40
Potassium	1660	J	ug/l	5000
Selenium	4	U	ug/l	5
Silver	1	U	ug/l	10
Sodium	6670		ug/l	5000
Thallium	3	U	ug/l	10
Vanadium	1	U	ug/l	50
Zinc	6.3	J	ug/l	20
Cyanide	1.2	U	ug/l	10

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NAS CECIL FIELD -- TFM COMPOUNDS
GROUNDWATER -- INORGANICS -- REQUEST NO. 10644

Lab Sample Number:		JR38611		
Site		BRAC		
Locator		87G00302		
Collect Date:		28-OCT-98		
	VALUE	QUAL UNITS		DL
Aluminum	1.3		mg/l	.05
Aluminum-DISS	.11		mg/l	.05

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

APPENDIX C

TANK MANAGEMENT PROGRAM REFERENCE LISTING FOR STORAGE TANK AND OIL-WATER SEPARATORS

TANK REFERENCES

Harding Lawson Associates (HLA). 1998. *Confirmatory Sampling Report, Building 80, Tank 80-R AND 80-UL, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (October).

HLA. 1999. *Site Assessment Report, Building 81, Tank 81, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (September).

HLA. 1999. *Confirmatory Sampling Report, Building 80, Tank 80, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (November).

HLA. 1999. *Confirmatory Sampling Report, Building 80, Tanks 80-132, 80-133, 80-134, and 80-135, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (April).

HLA. 1999. *Confirmatory Sampling Report, Building 80C, Tank 80C, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (November).

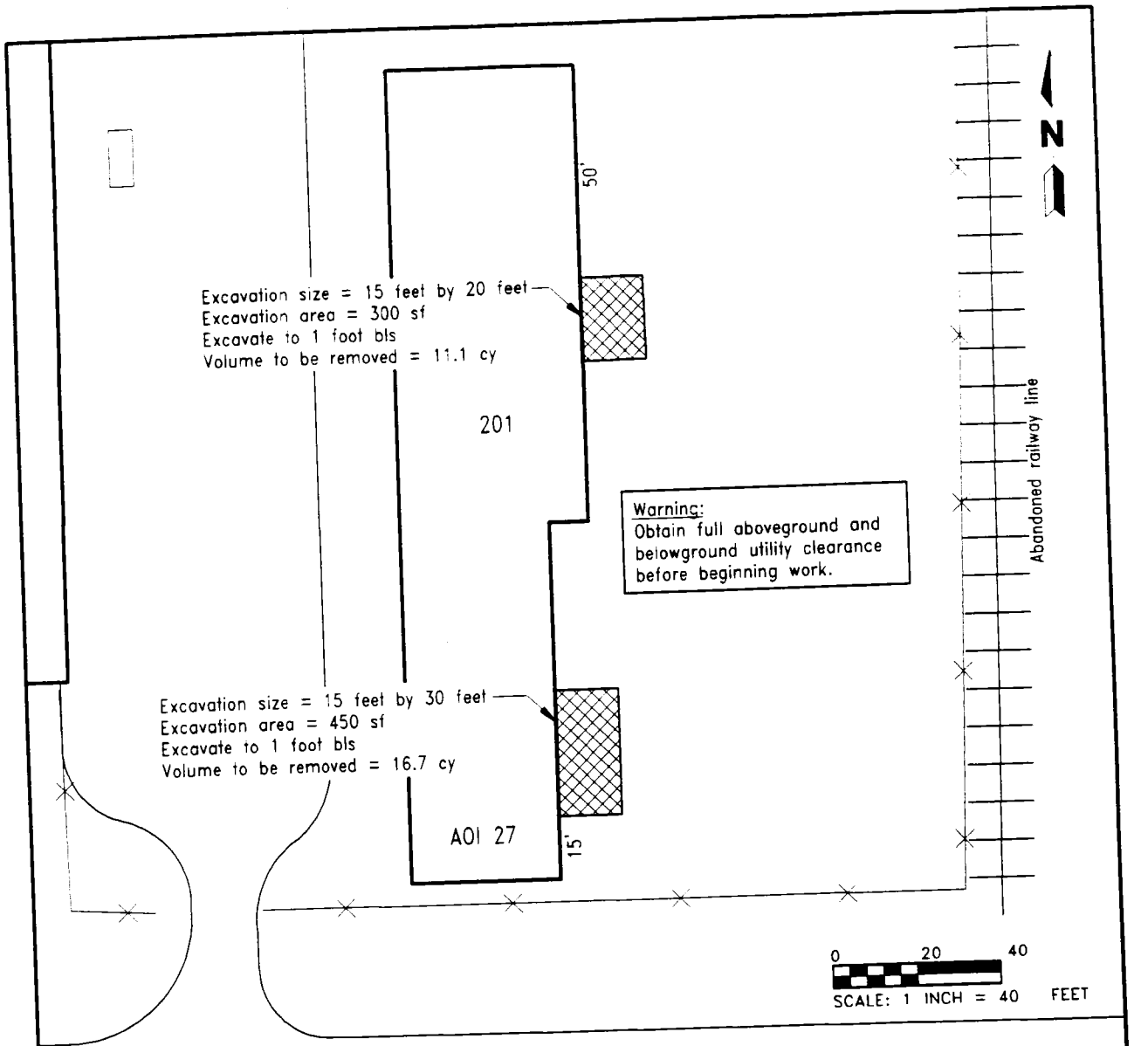
HLA. 1999. *Confirmatory Sampling Report, Building 80, Tank 80-OW2, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (April).

HLA. 1999. *Confirmatory Sampling Report, Building 80, Tank 80-OW3, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (April).

HLA. 1999. *Confirmatory Sampling Report, Building 80, Tank 80-OW5, Naval Air Station Cecil Field, Jacksonville, Florida.* Prepared for Southern Division, Naval Facilities Engineering Command, North Charleston, South Carolina (April).

APPENDIX D

PROPOSED EXCAVATION LIMITS FOR SOIL REMOVAL ACTIONS AT FACILITY 201 AND AOI-27



Notes:

1. Warning: Obtain utility clearance before excavating.
2. Extent of excavation to be marked by Harding Lawson Associates.
3. Contaminants of concern are arsenic and total recoverable petroleum hydrocarbons.
4. Waste characterization, transport, and disposal of all excavated soil is the responsibility of the remedial action contractor.
5. Return site to previous conditions.
6. Remove railroad ties.

LEGEND

	Area to be excavated
sf	Square feet
cy	Cubic yards
bls	Below land surface
AOI	Area of interest
	Fence

FIGURE D-1
FACILITY 201 AND AOI 27

SAMPLING AND ANALYSIS REPORT

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

SAMPLING AND ANALYSIS OUTLINE

BUILDING 255

BASE REALIGNMENT AND CLOSURE

ZONE D, INDUSTRIAL AND FLIGHTLINE AREA
GROUP III

NAVAL AIR STATION, CECIL FIELD
JACKSONVILLE, FLORIDA

Unit Identification No. N60200

Contract No. N62467-89-D-0317/090

Prepared by:

ABB Environmental Services, Inc.
2590 Executive Center Circle, East
Tallahassee, Florida 32301

Prepared For:

Department of the Navy, Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
North Charleston, South Carolina 29419

Steve Wilson, Code 18B9, BRAC Environmental Coordinator

March 1995

printed:27 February 1995

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SAMPLING AND ANALYSIS OUTLINE
BUILDING 255
BASE REALIGNMENT AND CLOSURE
ZONE D, INDUSTRIAL AND FLIGHTLINE AREA, GROUP III
NAS CECIL FIELD, JACKSONVILLE, FLORIDA

Chapter	Title	Page No.

WP, GENERATE TOC AND LIST OF FIGS

ABB-ES	ABB Environmental Services, Inc.
AIMD	Avionics Intermediate Maintenance Department
BRAC	Base Realignment and Closure
CLP	Contract Laboratory Program
EBS	Environmental Baseline Survey
NAS	Naval Air Station
PCBs	polychlorinated biphenyls
PRE	Preliminary Risk Evaluation
SAO	Sampling and Analysis Outline
TCL	target compound list
TIMS	Tank Inventory Management System

1.0 SITE DESCRIPTION

This Base Realignment and Closure (BRAC) Phase II Sampling and Analysis Outline (SAO) briefly describes and proposes a plan for assessment of Building 255, located within the restricted area of the east-west flightline at the Main Base, Naval Air Station (NAS) Cecil Field.

Building 255 is referenced in the BRAC NAS Cecil Field *Environmental Baseline Survey* (EBS) (ABB Environmental Services, Inc. [ABB-ES], 1994a) as an administrative office building. It is located east of hangar Building 13 (Figure 1).

Built in 1962, Building 255 comprises an area of 1,566 square feet and has always been used for administrative purposes. It is surrounded by the concrete-paved aircraft parking apron (Figure 1).

2.0 ENVIRONMENTAL BASELINE SURVEY COLOR DESIGNATION

Building 255 was color-coded Grey in the EBS because of friable asbestos construction materials in the building. On a site walkover in January 1995, the project team observed thick oily staining on the concrete pad beneath an electrical transformer adjacent to the north side of the building.

3.0 RECOMMENDATIONS

To evaluate the presence or absence of contamination beneath the transformer, completion of the following Phase II assessment program is recommended. Contract Laboratory Program (CLP) analysis of target compound list (TCL) polychlorinated biphenyls (PCBs) is proposed.

To meet a potential need for input to a Preliminary Risk Evaluation (PRE), the recommended analytical level to meet the data quality objective for this site is Level IV with CLP deliverables.

One wipe sample will be obtained from the stained area and analyzed for TCL PCBs. Applicable sample collection techniques, quality assurance objectives, quality control requirements, and sample handling and shipping procedures are outlined in the BRAC NAS Cecil Field *Project Operations Plan* (ABB-ES, 1994b). The proposed sampling location is shown on Figure 1.

The results of analysis, a contamination assessment, and recommendations for reclassification of the property will be reported in a draft Site Summary report for Building 255. The Project team will seek concurrence from the BRAC Cleanup Team before completing a PRE and submitting a final Site Summary report.

4.0 SELECTED REFERENCES

ABB-ES, 1992a. Contamination Assessment Report, North Fuel Farm, Facility 76, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, May/June 1992.

ABB-ES, 1992b. Contamination Assessment Report, Day Tank 1, Facility 293, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, July 1992.

ABB-ES, 1993. Contamination Assessment Report Addendum, Day Tank 1, Facility 293, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, December 1993.

ABB-ES, 1994a. Base Realignment and Closure Environmental Baseline Survey Report, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command, November 1994.

ABB-ES, 1994b. Project Operations Plan for Cecil Field and Health and Safety Plan: prepared for Southern Division, Naval Facilities Engineering Command, December 1994.

ABB-ES, in press. Base Realignment and Closure Tank Management Plan for Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command.

ABB-ES, in press. Site 16 Avionics Intermediate Maintenance Department (AIMD) Seepage Pit Remedial Investigation, Operable Unit 7, Naval Air Station, Cecil Field, Jacksonville, Florida: prepared for Southern Division, Naval Facilities Engineering Command.

Naval Air Station, 1993. Public Works Department Oil-filled Electrical Distribution Inventory Data Forms, Cecil Field, Jacksonville, Florida: May 1993.

Naval Air Station, 1993. Tank Inventory and Management System (TIMS) Database, Cecil Field, Jacksonville, Florida: November 1993.