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NAS CECIL FIELD
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SAMPLING AND ANALYSIS REPORT FOR FACILITIES 617, 618, 632 AND 705 NAS CECIL FIELD FL

7/1/1999

HARDING LAWSON ASSOCIATES

SAMPLING AND ANALYSIS REPORT

FACILITIES 617, 618, 632, and 705

BASE REALIGNMENT AND CLOSURE

ZONE A, YELLOW WATER WEAPONS COMPOUND

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

Unit Identification Code: N60200

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GLOSSARY

ABB-ES	ABB Environmental Services, Inc
BCT	Base Realignment and Closure (BRAC) cleanup team
bls	below land surface
EBS	environmental baseline survey
ELCR	excess lifetime cancer risk
FDEP	Florida Department of Environmental Protection
GCTL	groundwater cleanup target level
HLA	Harding Lawson Associates
HI	hazard index
HQ	hazard quotient
NAS	Naval Air Station
PAH	polynuclear aromatic hydrocarbon
PRE	Preliminary Risk Evaluation
RBC	risk-based concentration
SAO	sampling and analysis outline
SCTL	soil cleanup target level
TAL	target analyte list
TRPH	total recoverable petroleum hydrocarbons
USEPA	U.S. Environmental Protection Agency
UST	underground storage tank

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 Facility 617 and associated Facilities 618, 632, and 705 at Naval Air Station (NAS) Cecil Field. This report summarizes the related field operations, results, conclusions, and recommendations of the Phase II investigation.

Facility 617 is located on the north side of Warehouse Road in the Yellow Water Weapons Compound (Figure 1). The facility is referred to as the Bomb Dummy Unit and Aviation Weapons Support Equipment Building in the Environmental Baseline Survey (EBS) Report (ABB Environmental Services, Inc. [ABB-ES], 1994a). Facility 617 was color-coded Gray in the EBS because of the presence of a 5,000-gallon underground storage tank (UST) for fuel oil, and documentation of a leak in the fuel line between the UST and the boiler. The presence of friable asbestos-containing materials and extensive use of paints, solvents, and abrasive blast media were also cited in the EBS Report.

Additional environmental concerns were observed during an HLA site reconnaissance walkover in August 1995. Stressed vegetation and stained soil were observed around the UST fill pipe. A chemical storage locker is located north of the northwest corner of the building. Rust stains from 55-gallon drums were observed on a vacant concrete slab adjacent to the chemical storage locker. Surface soil along the north side of the building contained scattered steel bead blast media. The vegetation in this area was stressed. An additional area of stressed vegetation was noted adjacent to the stairs at the northeast corner of the building. Polychlorinated biphenyl-contaminated pole-mounted transformers were observed on the west side of Facility 617 during the HLA site walkover. Facility 632 is a small brick building located north of Facility 617. Facility 632 was formerly used for storage of hazardous and flammable materials. Buildings 618 and 705 are two small structures associated with Building 617. The EBS Report color code for these facilities is Blue due to the storage of gasoline for ground maintenance use (the color classification for facilities that have stored, but not released, hazardous materials, is 1/White, in accordance with current Base Realignment and Closure [BRAC] Cleanup Plan guidance). Wood pallets serve as the floor in Building 705, leaving the ground surface exposed to potential releases.

A Sampling and Analysis Outline (SAO) for the assessment of surface soil in areas of stressed vegetation north of Facility 617, and potential groundwater contamination in the vicinity of flammable materials storage facilities north and east of Facility 617, was prepared by HLA (then ABB-ES) and approved by the BRAC Cleanup Team (BCT) (ABB-ES, 1995a). The results of the Phase II Sampling and Analysis program are discussed below. Facilities 618, 632, and 705 are included in this report due to their association with, and proximity to, Facility 617.

2.0 PHASE II INVESTIGATION

The Phase II investigation included the installation of two groundwater monitoring wells and collection of two groundwater samples and three surface soil samples. The monitoring well locations selected were downgradient of hazardous materials storage facilities and a floorless building formerly used for storage of lawn

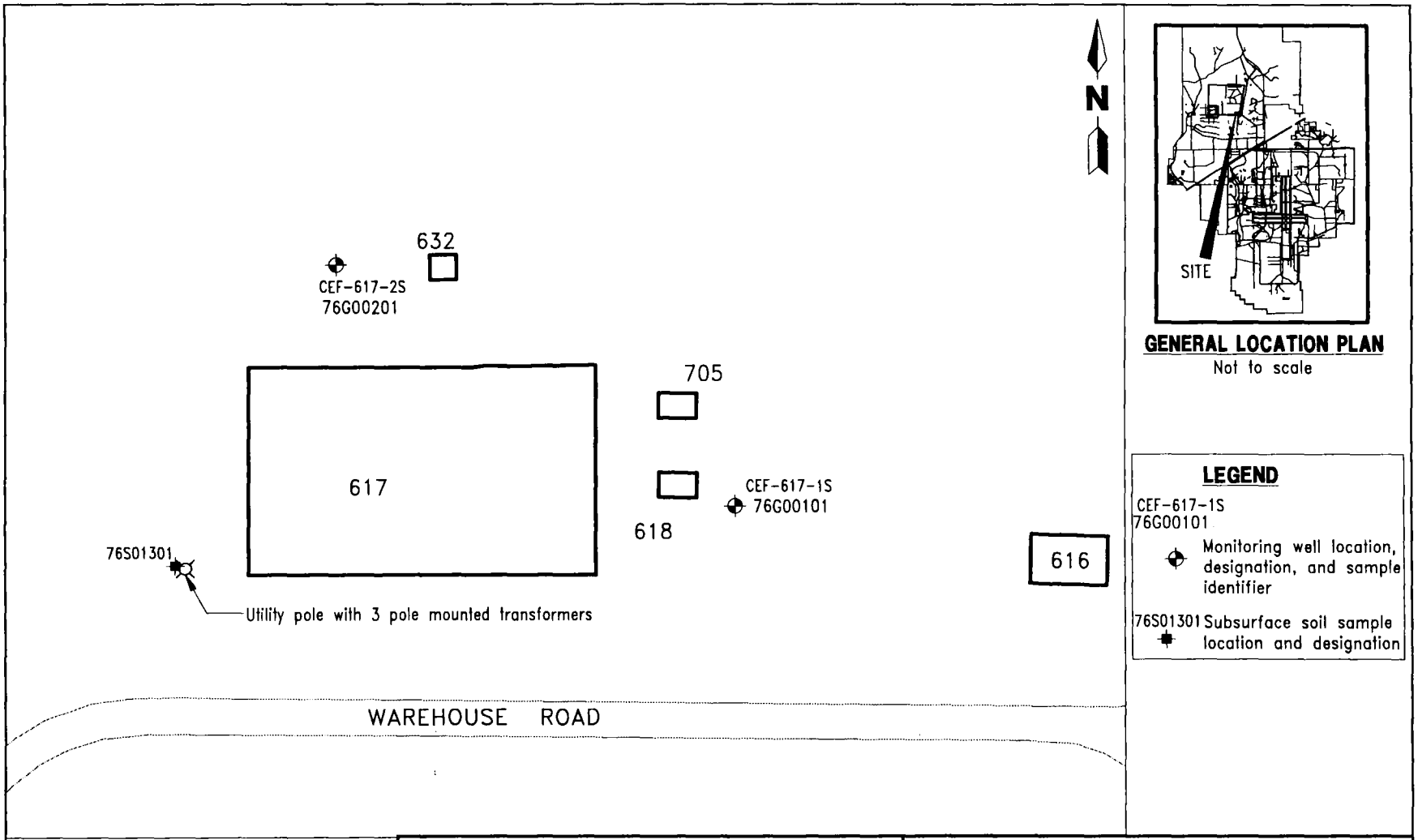

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FIGURE 1
FACILITY 617
BOMB DUMMY UNIT AND AVIATION WEAPONS SUPPORT EQUIPMENT
GROUNDWATER MONITORING WELL LOCATION PLAN

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maintenance equipment. The groundwater flow direction in this area is likely to be east-southeast, based on the groundwater flow model produced for NAS Cecil Field by the U.S. Geological Survey. Soil samples were collected from 0 to 1 foot below land surface (bls), in areas of visibly stressed vegetation. In addition, one composite surface soil sample was prepared from 3 locations beneath the pole-mounted PCB contaminated transformers. Soil and groundwater samples were analyzed for target compound list organics and target analyte list (TAL) inorganics. The composite sample collected beneath the pole-mounted transformers was analyzed for TCL pesticides and PCB compounds. A site plan indicating the locations of the sampling points is presented on Figure 2.

Twenty-one additional surface and six subsurface soil samples were subsequently collected in the area surrounding the stressed vegetation in an attempt to delineate the extent of polynuclear aromatic hydrocarbons (PAHs) contamination detected during the initial sampling event. Three samples collected near the spent blast-media collection unit were also analyzed for TAL analytes, at the request of the BCT. Subsurface soil samples were collected from the depth interval of 1 to 2 feet bls, which is below areas of contaminated surface soil.

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

3.0 PRELIMINARY RISK EVALUATION

A preliminary risk evaluation (PRE) was conducted to assess potential risks to human and ecological receptors posed by contaminants in groundwater and surface soil. Primary exposure pathways were evaluated to determine those pathways that potentially contribute to human health and ecological risks. The evaluation was conducted in general conformance with methodology provided in the U.S. Environmental Protection Agency (USEPA) Region IV memorandum entitled "Amended Guidance on PREs for the Purpose of Reaching a Finding of Suitability to Lease (FOSL)" (USEPA, 1994), USEPA Region IV bulletins on ecological risk assessment (USEPA, 1995), and minutes of meetings with the USEPA and the Florida Department of Environmental Protection (FDEP) concerning PREs (ABB-ES, 1995b). Site background information and rationale for sample collection and analysis are detailed in the EBS Report (ABB-ES, 1994a) and the SAO (ABB-ES, 1995a).

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

3.1 PUBLIC HEALTH PRE. All detected analytes were compared to readily available risk-based screening values to assess the likelihood of adverse human health effects associated with potential exposure to groundwater. Risk-based screening values were obtained from USEPA Region III Risk-Based Concentrations (RBCs) (USEPA, 1998), FDEP Soil and Groundwater Cleanup Target Levels (SCTLs and GCTLs) (FDEP, 1998). Most screening values published in the references listed above are

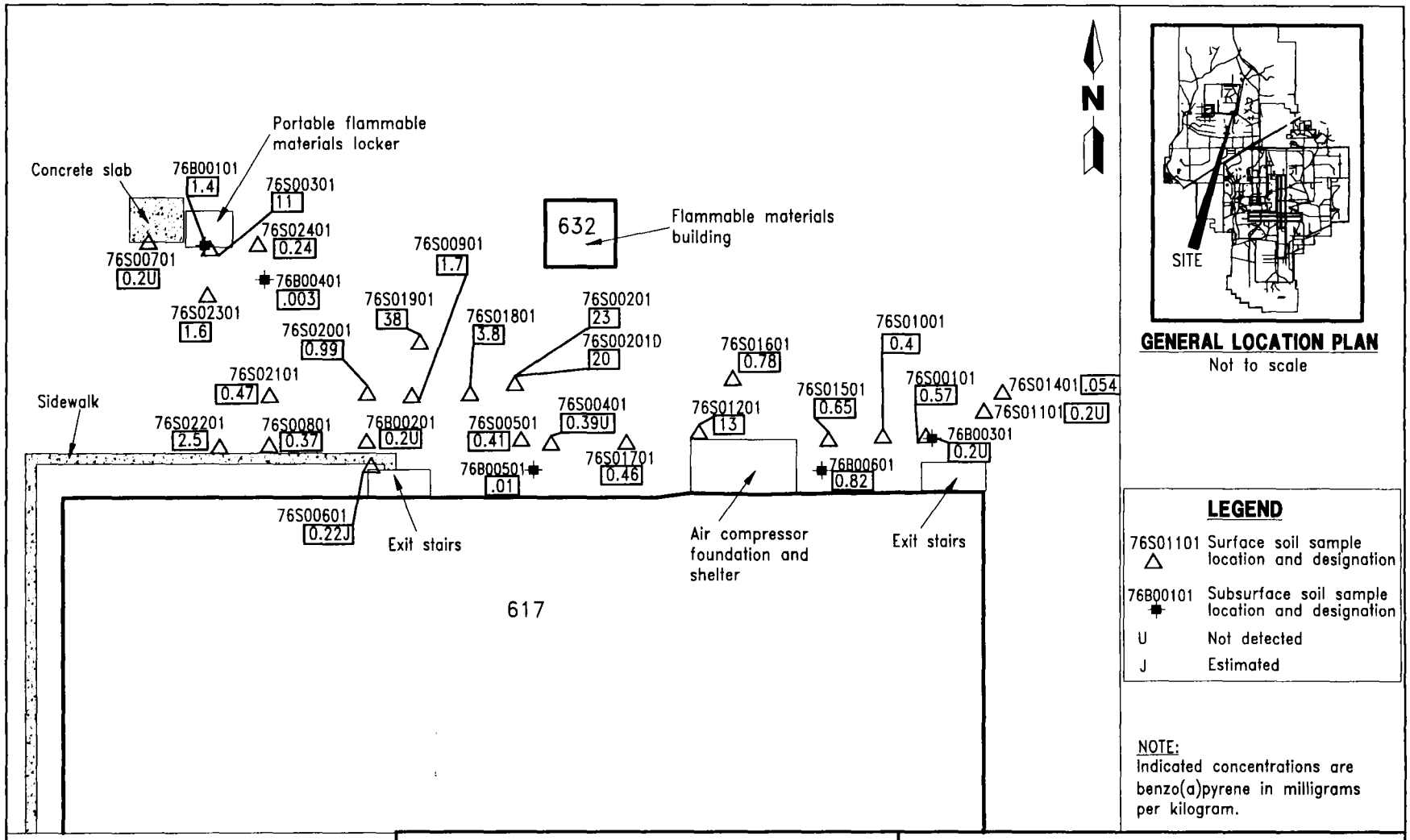

FIGURE 2
FACILITY 617
BOMB DUMMY UNIT AND AVIATION WEAPONS SUPPORT EQUIPMENT
SAMPLE LOCATION PLAN

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based on toxicity constants and standard human exposure scenarios and correspond to fixed levels of risk. The designated level of risk for noncarcinogenic chemicals is based on a hazard quotient (HQ) of 1. The level of risk for carcinogenic chemicals is based on an excess lifetime cancer risk (ELCR) of 1×10^{-6}.

Cancer and noncancer risks associated with industrial and residential land use are estimated by dividing the maximum detected analyte concentration by the corresponding USEPA Region III RBC value at the designated level of risk (HQ of 1 or ELCR of 1×10^{-6}). For noncarcinogens, the HQs are summed to determine the cumulative noncancer risk or hazard index (HI).

Soil. PAH contaminants were detected at concentrations in excess of SCTLs in surface and subsurface soil samples collected from both areas of stressed vegetation. Surface soil and subsurface soil samples collected from outside the visibly stressed areas, in an attempt to delineate the extent of contamination, were also contaminated with PAHs. Benzo(a)pyrene is a carcinogenic PAH and was detected at concentrations in excess of the SCTL at 26 of 30 sample locations. Dibenzo(a,h)anthracene, a carcinogenic PAH, was detected at a concentration 20 times greater than the SCTL in one subsurface soil sample. No analytes were detected in sample collected beneath the pole-mounted transformer.

Maximum concentrations of detected analytes in surface and subsurface soil have been compared with RBCs for residential surface soil (Appendix A). An ELCR of 6×10^{-5}, and an HI of less than one were calculated for a residential surface soil exposure scenario.

Groundwater. Nineteen inorganic analytes and two volatile organic compounds were detected in the groundwater sample collected in the study area. No analytes were detected at concentrations in excess of the NAS Cecil Field screening criteria for inorganics and Florida GCTLs.

Concentrations of detected analytes in groundwater have been compared with RBCs for tap water and GCTLs and, where applicable, with NAS Cecil Field inorganic background data set (see Appendix A). No compounds or analytes were detected at concentrations in excess of NAS Cecil Field inorganic background data set and GCTL values. Therefore, no HI or ELCR was calculated in association with a potential groundwater exposure scenario.

3.2 ECOLOGICAL PRE. Potential exposure pathways and ecological habitat associated with Facility 617 were characterized by HLA ecological risk assessors in June 1996. Facility 617 is located within a developed industrial area. The area to the north, east, and west of Facility 617 is composed of maintained grass. The area on the south side of Facility 617 is a paved parking area. Ecological receptors that might occasionally use the study area are likely limited to terrestrial species that are tolerant to human and industrial activity. Soil invertebrates (such as the earthworm) are likely present in the maintained grassy areas, which are subject to regular mowing. Protected species were not observed and are unlikely to use the limited habitat at Facility 617.

No exposure pathway to ecological receptors was identified for groundwater. Pathways of potential contaminant exposure for wildlife receptors include direct contact, incidental ingestion of surface soil, and limited terrestrial food-web model exposure to contaminants in surface soil that may bioaccumulate. Pathways

for soil invertebrates include direct contact and incidental ingestion of surface soil. Pathways for terrestrial plants include direct contact with surface soil. Due to the limited extent and significance of the habitat associated with the study area, and the requirement for additional evaluation, no further ecological risk evaluation was conducted for this assessment.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Contaminants have been detected in surface and subsurface soil at Facility 617. A source for the contaminants has not been identified. The areal extent of the contamination has not been determined. Further evaluation is recommended. Groundwater does not appear to have been impacted by former site activities. Asbestos abatement was recommended prior to transfer of Facility 617 in the ACM Management Plan (ABB-ES, 1995c). Based upon the findings of this evaluation, the color code for Facility 617 and associated Facilities 618, 632, and 705, should be reclassified to 5/Yellow to indicate that contaminants have been detected, and that further evaluation is required.

Appropriate site operation and management procedures should be undertaken in order to ensure that current and future site activities do not result in release of additional hazardous substances to the environment. A full disclosure of all environmental conditions and land-use restrictions should be incorporated into any documentation prepared in support of a sale or lease of real property including Facility 617.

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APPENDIX A

SOIL BORING LOG AND PRELIMINARY RISK EVALUATION TABLES

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-617-1S	**BORING NO.** CEF-617-1S
CLIENT: SOUTHDIVNAVFACENGCOM		**PROJECT NO:** 08520-85
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 12-12-95	**COMPLTD:** 12-12-95
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 2 - 12 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FT.	**MONITOR INST.:** FID / **TOT DPTH:** 13.0FT.	**DPTH TO ▽** 3.0 FT.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:**	**SITE:** 76 - BVD/ASWEPS

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
1				2.7	SILTY SAND (SM): 100%, light brownish gray, quartz, fine- to very fine-grained, subrounded to subangular, well sorted.		SM	posthole	
2									
3				2.4				posthole	▽
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
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21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

ABB ENVIRONMENTAL SERVICES INC

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-617-2S	**BORING NO.** CEF-617-2S
CLIENT: SOUTHDIVNAVFACENGCOM		**PROJECT NO:** 08520-85
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 12-12-95	**COMPLTD:** 12-12-95
METHOD: Auger	**CASE SIZE:** 2 in. / **SCREEN INT.:** 3 - 13 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: FT.	**MONITOR INST.:** FID / **TOT DPTH:** 14.0FT.	**DPTH TO ▽** 4.0 FT.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:**	**SITE:** 76 - BVD/ASWEPS

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
1				1600	SILTY SAND (SM): 100%, very dark gray, quartz, fine- to very fine-grained, subrounded to subangular, well sorted.		SM	posthole	
2									
3				220				posthole	
4									▽
5				0				4,11,13,10	
6					CLAYEY SAND (SC): 100%, grayish brown, quartz, very fine- grained, subrounded, well sorted, moist.		SC		
7				0				5,5,10,11	
8									
9									
10					SILTY SAND (SM): 100%, very dark gray, quartz, fine- to very fine-grained, subrounded to subangular, well sorted.		SM		
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									

ABB ENVIRONMENTAL SERVICES, INC.

Preliminary Human Health Risk Evaluation Table
Analytes Detected at Concentrations in Excess of Soil Cleanup Target Levels in Surface Soil
Facility 617, Naval Air Station Cecil Field

Contaminant	Sample	Concentration (mg/kg)	FLSCTL	RBC	ELCR
Benzo (a) anthracene	76B00101	2.1	1.4	0.88	
Benzo (a) anthracene	76S00201	29	1.4		
Benzo (a) anthracene	76S00201D	27	1.4		
Benzo (a) anthracene	76S00301	16	1.4		
Benzo (a) anthracene	76S00901	2.2	1.4		
Benzo (a) anthracene	76S01201	21	1.4		
Benzo (a) anthracene	76S01801	4.2	1.4		
Benzo (a) anthracene	76S01901	43	1.4		5E-05
Benzo (a) anthracene	76S02201	2.7	1.4		
Benzo (a) anthracene	76S02301	1.7	1.4		
Benzo (a) pyrene	76B00101	1.4	0.1	0.088	
Benzo (a) pyrene	76S00101	0.57	0.1		
Benzo (a) pyrene	76S00201	23	0.1		
Benzo (a) pyrene	76S00201D	20	0.1		
Benzo (a) pyrene	76S00301	11	0.1		
Benzo (a) pyrene	76S00501	0.41	0.1		
Benzo (a) pyrene	76S00601	0.22	0.1		
Benzo (a) pyrene	76S00801	0.37	0.1		
Benzo (a) pyrene	76S00901	1.7	0.1		
Benzo (a) pyrene	76S01001	0.4	0.1		
Benzo (a) pyrene	76S01201	13	0.1		
Benzo (a) pyrene	76S01501	0.65	0.1		
Benzo (a) pyrene	76S01601	0.78	0.1		
Benzo (a) pyrene	76S01701	0.46	0.1		
Benzo (a) pyrene	76S01801	3.8	0.1		
Benzo (a) pyrene	76S01901	38	0.1		4E-04
Benzo (a) pyrene	76S02001	0.99	0.1		
Benzo (a) pyrene	76S02101	0.47	0.1		
Benzo (a) pyrene	76S02201	2.5	0.1		
Benzo (a) pyrene	76S02301	1.6	0.1		
Benzo (a) pyrene	76S02401	0.24	0.1		
Benzo (b) fluoranthene	76S00201	30	1.4	0.88	
Benzo (b) fluoranthene	76S00201D	27	1.4		
Benzo (b) fluoranthene	76S00301	12	1.4		
Benzo (b) fluoranthene	76S00901	1.8	1.4		
Benzo (b) fluoranthene	76S01201	14	1.4		
Benzo (b) fluoranthene	76S01801	3.8	1.4		
Benzo (b) fluoranthene	76S01901	33	1.4		4E-05
Benzo (b) fluoranthene	76S02201	2.3	1.4		
Benzo (b) fluoranthene	76S02301	1.5	1.4		
Benzo (k) fluoranthene	76S01901	31	15		
Dibenzo (a,h) anthracene	76B00101	0.28	0.1	0.088	
Dibenzo (a,h) anthracene	76S00201	3	0.1		
Dibenzo (a,h) anthracene	76S00201D	2.5	0.1		
Dibenzo (a,h) anthracene	76S00301	1.6	0.1		
Dibenzo (a,h) anthracene	76S00901	0.29	0.1		
Dibenzo (a,h) anthracene	76S01201	3.3	0.1		4E-05
Indeno (1,2,3-cd) pyrene	76S00201	8.2	1.5	0.88	
Indeno (1,2,3-cd) pyrene	76S00201D	7.6	1.5		
Indeno (1,2,3-cd) pyrene	76S00301	4.8	1.5		
Indeno (1,2,3-cd) pyrene	76S01201	7.5	1.5		
Indeno (1,2,3-cd) pyrene	76S01801	1.9	1.5		
Indeno (1,2,3-cd) pyrene	76S01901	21	1.5		2E-05

Notes:

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

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

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)

Preliminary Human Health Risk Evaluation Table for Analytes Detected in Groundwater
Facility 617, Naval Air Station Cecil Field

Analyte[1]	Samples						Screening Values			Calculated Risk Values[2]	
	76G00101	76G00101D	76G00101DF	76G00101F	76G00201	76G00201F	BKGRD	GCTL	RBC(T)	ELCR	HQ
Acetone					5			700	3700 n		
Phenol					1			10	22000 n		
*Aluminum	1540	1440	665	990	8170	2300	13100	200	37000 n		
*Antimony			6.3	2.3		4.8	44.5	6	15 n		
*Arsenic					3.5	3.1	7.1	50	0.045 c		
Barium	49.5	48.8	43.9	48.9	15.2	9.4	88.2	2000	2600 n		
Calcium	14500	14000	13600	13800	2720	2400	81100				
Chromium		2.7			7.1	2.7	18	100	180 n		
Cobalt					1.2	1	12.8	420	2200 n		
Copper	6.3	8.4	7.2	7.7	9.7	4.5	12.5	1000	1500 n		
*Iron	636	617	319	426	3980	2540	7760	300	11000 n		
Lead					3.3		5.35	15			
Magnesium	1440	1400	1230	1380	1000	812	10000				
Manganese	12.5	15.3	13	13.2	29.5	26.7	96.2	50	840 n		
Nickel		5.1	2.3		2.4		24.5	100	730 n		
Potassium	617	647	569	596	441	295	4330				
Sodium	5870	8230	7120	7960	9870	10500	16500	160000			
*Thallium			2.8		2.6	3.1	13.3	2	2.9 n		
Vanadium	3.3	3.1	2.4	3.2	12.2	5.6	20.2	49	260 n		
Zinc	18.1	41	38.7	21.5	26.3	36	76.8	5000	11000 n		
Cyanide	3.5		10	10		10	22	200	730 n		

Notes:

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

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

* = Background screening criteria or GWCTLs have been exceeded

BKGRD = NAS Cecil Field Inorganic Background Data Set

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

RBC(T) = Risk-based Concentration (Tap Water), USEPA Region III, April 1998

n = non-carcinogenic risk

c = carcinogenic risk

ELCR = calculated excess lifetime cancer risk, based on RBC(T) values.

(ELCR = maximum detected concentration/RBC(T) * 1E-06)

HQ = calculated Hazard Quotient for non-carcinogenic analytes

(HQ = maximum detected concentration/RBC(T))

APPENDIX B

LABORATORY ANALYTICAL DATA

SOIL DATA

NAS Cecil Field

Sample Identifier	76B00101	76B00201	76B00301	76B00401
Sample Collect Date	1/28/98	1/28/98	1/28/98	5/27/98
Analyte				
PAHs				
1-Methylnaphthalene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	17 U ug/kg (17)
2-Methylnaphthalene	300 J ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	17 U ug/kg (17)
Acenaphthene	--	200 U ug/kg (200)	200 U ug/kg (200)	17 U ug/kg (17)
Acenaphthylene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	3.3 U ug/kg (3.3)
Anthracene	--	200 U ug/kg (200)	200 U ug/kg (200)	17 U ug/kg (17)
Benzo (a) Anthracene	--	200 U ug/kg (200)	200 U ug/kg (200)	1.7 U ug/kg (1.7)
Benzo (a) Pyrene	--	200 U ug/kg (200)	200 U ug/kg (200)	3 J ug/kg (2)
Benzo (b) Fluoranthene	--	200 U ug/kg (200)	200 U ug/kg (200)	3 J ug/kg (3)
Benzo (g,h,i) Perylene	--	200 U ug/kg (200)	200 U ug/kg (200)	3.8 J ug/kg (3.3)
Benzo (k) Fluoranthene	--	200 U ug/kg (200)	200 U ug/kg (200)	2 J ug/kg (2)
Chrysene	--	200 U ug/kg (200)	200 U ug/kg (200)	--
Dibenzo (a,h) anthracene	280 J ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	3.3 U ug/kg (3.3)
Fluoranthene	--	200 U ug/kg (200)	200 U ug/kg (200)	--
Fluorene	--	200 U ug/kg (200)	200 U ug/kg (200)	3.3 U ug/kg (3.3)
Indeno (1,2,3-cd) pyrene	--	200 U ug/kg (200)	200 U ug/kg (200)	1.7 J ug/kg (1.7)
Naphthalene	--	200 U ug/kg (200)	200 U ug/kg (200)	17 U ug/kg (17)
Phenanthrene	--	200 U ug/kg (200)	200 U ug/kg (200)	3.8 J ug/kg (1.7)
Pyrene	--	200 U ug/kg (200)	200 U ug/kg (200)	2.4 J ug/kg (1.7)
Semivolatiles				
1,2,4-Trichlorobenzene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
1,2-Dichlorobenzene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
1,3-Dichlorobenzene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
1,4-Dichlorobenzene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
1-Methylnaphthalene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	17 U ug/kg (17)
2,4-Dinitrotoluene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--

Sample Identifier	76B00101	76B00201	76B00301	76B00401
Sample Collect Date	1/28/98	1/28/98	1/28/98	5/27/98
Analyte				
2,6-Dinitrotoluene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
2-Chloronaphthalene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
2-Methylnaphthalene	300 J ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	17 U ug/kg (17)
2-Nitroaniline	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
3,3-Dichlorobenzidine	820 U ug/kg (820)	780 U ug/kg (780)	780 U ug/kg (780)	--
3-Nitroaniline	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
4-Bromophenyl-phenylether	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
4-Chloroaniline	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
4-Chlorophenyl-phenylether	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
4-Nitroaniline	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Acenaphthene	--	200 U ug/kg (200)	200 U ug/kg (200)	17 U ug/kg (17)
Acenaphthylene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	3.3 U ug/kg (3.3)
Anthracene	--	200 U ug/kg (200)	200 U ug/kg (200)	17 U ug/kg (17)
Benzidine	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Benzo (a) Anthracene	--	200 U ug/kg (200)	200 U ug/kg (200)	1.7 U ug/kg (1.7)
Benzo (a) Pyrene	--	200 U ug/kg (200)	200 U ug/kg (200)	3 J ug/kg (2)
Benzo (b) Fluoranthene	--	200 U ug/kg (200)	200 U ug/kg (200)	3 J ug/kg (3)
Benzo (g,h,i) Perylene	--	200 U ug/kg (200)	200 U ug/kg (200)	3.8 J ug/kg (3.3)
Benzo (k) Fluoranthene	--	200 U ug/kg (200)	200 U ug/kg (200)	2 J ug/kg (2)
Benzoic acid	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Benzyl alcohol	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
bis(2-Chloroethoxy) methane	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
bis(2-Chloroethyl) ether	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
bis(2-Chloroisopropyl) ether	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
bis(2-Ethylhexyl) phthalate	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Butylbenzylphthalate	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Chrysene	--	200 U ug/kg (200)	200 U ug/kg (200)	--
Di-n-butyl phthalate	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Di-n-octyl phthalate	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Dibenzo (a,h) anthracene	280 J ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	3.3 U ug/kg (3.3)
Dibenzofuran	--	200 U ug/kg (200)	200 U ug/kg (200)	--

Sample Identifier	76B00101	76B00201	76B00301	76B00401
Sample Collect Date	1/28/98	1/28/98	1/28/98	5/27/98
Analyte				
Diethylphthalate	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Dimethylphthalate	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Fluoranthene	--	200 U ug/kg (200)	200 U ug/kg (200)	--
Fluorene	--	200 U ug/kg (200)	200 U ug/kg (200)	3.3 U ug/kg (3.3)
Hexachlorobenzene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Hexachlorobutadiene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Hexachlorocyclopentadiene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Hexachloroethane	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Indeno (1,2,3-cd) pyrene	--	200 U ug/kg (200)	200 U ug/kg (200)	1.7 J ug/kg (1.7)
Isophorone	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
N-Nitroso-di-n-propylamine	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Naphthalene	--	200 U ug/kg (200)	200 U ug/kg (200)	17 U ug/kg (17)
Nitrobenzene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
p-Dimethylaminoazobenzene	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--
Phenanthrene	--	200 U ug/kg (200)	200 U ug/kg (200)	3.8 J ug/kg (1.7)
Pyrene	--	200 U ug/kg (200)	200 U ug/kg (200)	2.4 J ug/kg (1.7)
Pyridine	210 U ug/kg (210)	200 U ug/kg (200)	200 U ug/kg (200)	--

Sample Identifier	76B00501	76B00601	76S00101	76S00201
Sample Collect Date	5/27/98	5/27/98	2/6/96	2/6/96
Analyte				
BRAC PESTICIDES/PCBS				
4,4-DDD	--	--	20 U ug/kg (20)	4 U ug/kg (4)
4,4-DDE	--	--	20 U ug/kg (20)	4 U ug/kg (4)
4,4-DDT	--	--	20 U ug/kg (20)	14 J ug/kg (4)
Aldrin	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
alpha-BHC	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
alpha-Chlordane	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
Aroclor-1221	--	--	400 U ug/kg (400)	80 U ug/kg (80)
Aroclor-1232	--	--	200 U ug/kg (200)	40 U ug/kg (40)
Aroclor-1248	--	--	200 U ug/kg (200)	40 U ug/kg (40)
Aroclor-1254	--	--	200 U ug/kg (200)	40 U ug/kg (40)
Aroclor-1260	--	--	200 U ug/kg (200)	40 U ug/kg (40)
beta-BHC	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
Dieldrin	--	--	20 U ug/kg (20)	1.4 J ug/kg (4)
Endosulfan I	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
Endosulfan II	--	--	20 U ug/kg (20)	4 U ug/kg (4)
Endosulfan sulfate	--	--	20 U ug/kg (20)	4 U ug/kg (4)
Endrin	--	--	20 U ug/kg (20)	4 U ug/kg (4)
Endrin aldehyde	--	--	20 U ug/kg (20)	4 U ug/kg (4)
Endrin ketone	--	--	20 U ug/kg (20)	4 U ug/kg (4)
gamma-BHC (Lindane)	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
gamma-Chlordane	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
Heptachlor	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
Heptachlor epoxide	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
Methoxychlor	--	--	99 U ug/kg (99)	20 U ug/kg (20)
Toxaphene	--	--	990 U ug/kg (990)	200 U ug/kg (200)
BRAC VOLATILES				
1,1,1-Trichloroethane	--	--	6 U ug/kg (6)	6 U ug/kg (6)
1,1,2,2-Tetrachloroethane	--	--	6 U ug/kg (6)	6 U ug/kg (6)

Sample Identifier	76B00501	76B00601	76S00101	76S00201
Sample Collect Date	5/27/98	5/27/98	2/6/96	2/6/96
Analyte				
1,1,2-Trichloroethane	--	--	6 U ug/kg (6)	6 U ug/kg (6)
1,1-Dichloroethane	--	--	6 U ug/kg (6)	6 U ug/kg (6)
1,1-Dichloroethene	--	--	6 U ug/kg (6)	6 U ug/kg (6)
1,2-Dichloroethane	--	--	6 U ug/kg (6)	6 U ug/kg (6)
1,2-Dichloropropane	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Benzene	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Bromodichloromethane	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Bromoform	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Bromomethane	--	--	12 U ug/kg (12)	12 U ug/kg (12)
Carbon tetrachloride	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Chlorobenzene	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Chloroethane	--	--	12 U ug/kg (12)	12 U ug/kg (12)
Chloroform	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Chloromethane	--	--	12 U ug/kg (12)	12 U ug/kg (12)
cis 1,3-Dichloropropene	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Dibromochloromethane	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Ethylbenzene	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Methylene chloride	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Tetrachloroethene	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Toluene	--	--	6 U ug/kg (6)	6 U ug/kg (6)
trans 1,3-Dichloropropene	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Trichloroethene	--	--	6 U ug/kg (6)	6 U ug/kg (6)
Vinyl chloride	--	--	12 U ug/kg (12)	12 U ug/kg (12)
CLP METALS AND CYANIDE				
Antimony	--	--	.69 J mg/kg (12)	.97 U mg/kg (12)
Arsenic	--	--	.71 U mg/kg (2)	.73 U mg/kg (2)
Barium	--	--	5.7 J mg/kg (40)	8.4 J mg/kg (40)
Beryllium	--	--	.24 U mg/kg (1)	.24 U mg/kg (1)
Cadmium	--	--	.24 U mg/kg (1)	.24 U mg/kg (1)
Calcium	--	--	709 J mg/kg (1000)	968 J mg/kg (1000)
Cobalt	--	--	.48 U mg/kg (10)	1.5 U mg/kg (10)

Sample Identifier	76B00501	76B00601	76S00101	76S00201
Sample Collect Date	5/27/98	5/27/98	2/6/96	2/6/96
Analyte				
Cyanide, Total	--	--	.12 U mg/kg (.5)	.12 U mg/kg (.5)
Lead	--	--	13.8 J mg/kg (.6)	--
Magnesium	--	--	45.4 J mg/kg (1000)	116 J mg/kg (1000)
Mercury	--	--	.12 U mg/kg (.1)	.13 U mg/kg (.1)
Nickel	--	--	1 J mg/kg (8)	.99 J mg/kg (8)
Potassium	--	--	21.6 U mg/kg (1000)	22 U mg/kg (1000)
Selenium	--	--	1.1 J mg/kg (1)	.97 U mg/kg (1)
Silver	--	--	.24 U mg/kg (2)	.24 U mg/kg (2)
Sodium	--	--	126 J mg/kg (1000)	66.6 J mg/kg (1000)
Thallium	--	--	.95 U mg/kg (2)	.73 U mg/kg (2)
Vanadium	--	--	1.4 J mg/kg (10)	3 J mg/kg (10)
Zinc	--	--	--	15.5 J mg/kg (4)
PAHs				
1-Methylnaphthalene	--	17 U ug/kg (17)	--	--
2-Methylnaphthalene	--	--	25 J ug/kg (390)	630 J ug/kg (12000)
Acenaphthene	17 U ug/kg (17)	17 U ug/kg (17)	140 J ug/kg (390)	6200 J ug/kg (12000)
Acenaphthylene	3.3 U ug/kg (3.3)	3.3 U ug/kg (3.3)	390 U ug/kg (390)	12000 U ug/kg (12000)
Anthracene	17 U ug/kg (17)	17 U ug/kg (17)	240 J ug/kg (390)	12000 J ug/kg (12000)
Benzo (g,h,i) Perylene	--	3.3 U ug/kg (3.3)	170 J ug/kg (390)	8800 J ug/kg (12000)
Benzo (k) Fluoranthene	--	--	320 J ug/kg (390)	12000 J ug/kg (12000)
Dibenzo (a,h) anthracene	3.3 U ug/kg (3.3)	3.3 U ug/kg (3.3)	--	3000 J ug/kg (12000)
Fluoranthene	--	3.3 U ug/kg (3.3)	--	--
Fluorene	--	3.3 U ug/kg (3.3)	140 J ug/kg (390)	5000 J ug/kg (12000)
Indeno (1,2,3-cd) pyrene	--	--	220 J ug/kg (390)	8200 J ug/kg (12000)
Naphthalene	--	17 U ug/kg (17)	44 J ug/kg (390)	1200 J ug/kg (12000)
SEMIVOLATILES				
1,2,4-Trichlorobenzene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
1,2-Dichlorobenzene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
1,3-Dichlorobenzene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
1,4-Dichlorobenzene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)

Sample Identifier	76B00501	76B00601	76S00101	76S00201
Sample Collect Date	5/27/98	5/27/98	2/6/96	2/6/96
Analyte				
1-Methylnaphthalene	--	17 U ug/kg (17)	--	--
2,4,5-Trichlorophenol	--	--	950 U ug/kg (950)	30000 U ug/kg (30000)
2,4,6-Trichlorophenol	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
2,4-Dichlorophenol	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
2,4-Dimethylphenol	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
2,4-Dinitrophenol	--	--	950 U ug/kg (950)	30000 U ug/kg (30000)
2,4-Dinitrotoluene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
2,6-Dinitrotoluene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
2-Chloronaphthalene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
2-Chlorophenol	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
2-Methylnaphthalene	--	--	25 J ug/kg (390)	630 J ug/kg (12000)
2-Methylphenol	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
2-Nitroaniline	--	--	950 U ug/kg (950)	30000 U ug/kg (30000)
2-Nitrophenol	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
3,3-Dichlorobenzidine	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
3-Nitroaniline	--	--	950 U ug/kg (950)	30000 U ug/kg (30000)
4,4-DDD	--	--	20 U ug/kg (20)	4 U ug/kg (4)
4,4-DDE	--	--	20 U ug/kg (20)	4 U ug/kg (4)
4,4-DDT	--	--	20 U ug/kg (20)	14 J ug/kg (4)
4,6-Dinitro-2-methylphenol	--	--	950 U ug/kg (950)	30000 U ug/kg (30000)
4-Bromophenyl-phenylether	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
4-Chloro-3-methylphenol	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
4-Chloroaniline	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
4-Chlorophenyl-phenylether	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
4-Methylphenol	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
4-Nitroaniline	--	--	950 U ug/kg (950)	30000 U ug/kg (30000)
4-Nitrophenol	--	--	950 U ug/kg (950)	30000 U ug/kg (30000)
Acenaphthene	17 U ug/kg (17)	17 U ug/kg (17)	140 J ug/kg (390)	6200 J ug/kg (12000)
Acenaphthylene	3.3 U ug/kg (3.3)	3.3 U ug/kg (3.3)	390 U ug/kg (390)	12000 U ug/kg (12000)
Aldrin	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
alpha-BHC	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)

Sample Identifier	76B00501	76B00601	76S00101	76S00201
Sample Collect Date	5/27/98	5/27/98	2/6/96	2/6/96
Analyte				
Anthracene	17 U ug/kg (17)	17 U ug/kg (17)	240 J ug/kg (390)	12000 J ug/kg (12000)
Aroclor-1016	--	--	200 U ug/kg (200)	40 U ug/kg (40)
Aroclor-1221	--	--	400 U ug/kg (400)	80 U ug/kg (80)
Aroclor-1232	--	--	200 U ug/kg (200)	40 U ug/kg (40)
Aroclor-1242	--	--	200 U ug/kg (200)	40 U ug/kg (40)
Aroclor-1248	--	--	200 U ug/kg (200)	40 U ug/kg (40)
Aroclor-1254	--	--	200 U ug/kg (200)	40 U ug/kg (40)
Aroclor-1260	--	--	200 U ug/kg (200)	40 U ug/kg (40)
Benzo (g,h,i) Perylene	--	3.3 U ug/kg (3.3)	170 J ug/kg (390)	8800 J ug/kg (12000)
Benzo (k) Fluoranthene	--	--	320 J ug/kg (390)	12000 J ug/kg (12000)
beta-BHC	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
bis(2-Chloroethoxy) methane	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
bis(2-Chloroethyl) ether	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
bis(2-Ethylhexyl) phthalate	--	--	28 J ug/kg (390)	12000 U ug/kg (12000)
Butylbenzylphthalate	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
delta-BHC	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
Di-n-butyl phthalate	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
Di-n-octyl phthalate	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
Dibenzo (a,h) anthracene	3.3 U ug/kg (3.3)	3.3 U ug/kg (3.3)	--	3000 J ug/kg (12000)
Dibenzofuran	--	--	74 J ug/kg (390)	2000 J ug/kg (12000)
Dieldrin	--	--	20 U ug/kg (20)	1.4 J ug/kg (4)
Diethylphthalate	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
Dimethylphthalate	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
Endosulfan I	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
Endosulfan II	--	--	20 U ug/kg (20)	4 U ug/kg (4)
Endosulfan sulfate	--	--	20 U ug/kg (20)	4 U ug/kg (4)
Endrin	--	--	20 U ug/kg (20)	4 U ug/kg (4)
Endrin aldehyde	--	--	20 U ug/kg (20)	4 U ug/kg (4)
Fluoranthene	--	3.3 U ug/kg (3.3)	--	--
Fluorene	--	3.3 U ug/kg (3.3)	140 J ug/kg (390)	5000 J ug/kg (12000)
gamma-BHC (Lindane)	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)

Sample Identifier	76B00501	76B00601	76S00101	76S00201
Sample Collect Date	5/27/98	5/27/98	2/6/96	2/6/96
Analyte				
Heptachlor	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
Heptachlor epoxide	--	--	9.9 U ug/kg (9.9)	2 U ug/kg (2)
Hexachlorobenzene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
Hexachlorobutadiene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
Hexachlorocyclopentadiene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
Hexachloroethane	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
Indeno (1,2,3-cd) pyrene	--	--	220 J ug/kg (390)	8200 J ug/kg (12000)
Isophorone	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
N-Nitroso-di-n-propylamine	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
Naphthalene	--	17 U ug/kg (17)	44 J ug/kg (390)	1200 J ug/kg (12000)
Nitrobenzene	--	--	390 U ug/kg (390)	12000 U ug/kg (12000)
Pentachlorophenol	--	--	950 U ug/kg (950)	30000 U ug/kg (30000)
Phenol	--	--	27 J ug/kg (390)	12000 U ug/kg (12000)
Toxaphene	--	--	990 U ug/kg (990)	200 U ug/kg (200)

Sample Identifier	76S00201D	76S00401	76S00501	76S00601
Sample Collect Date	2/6/96	2/14/97	2/14/97	2/14/97
Analyte				
BRAC PESTICIDES/PCBS				
4,4-DDD	4 U ug/kg (4)	--	--	--
4,4-DDE	4 U ug/kg (4)	--	--	--
4,4-DDT	43 J ug/kg (4)	--	--	--
Aldrin	2 U ug/kg (2)	--	--	--
alpha-BHC	2 U ug/kg (2)	--	--	--
alpha-Chlordane	2 U ug/kg (2)	--	--	--
Aroclor-1221	81 U ug/kg (81)	--	--	--
Aroclor-1232	40 U ug/kg (40)	--	--	--
Aroclor-1248	40 U ug/kg (40)	--	--	--
Aroclor-1254	40 U ug/kg (40)	--	--	--
Aroclor-1260	40 U ug/kg (40)	--	--	--
beta-BHC	2 U ug/kg (2)	--	--	--
Dieldrin	4 U ug/kg (4)	--	--	--
Endosulfan I	2 U ug/kg (2)	--	--	--
Endosulfan II	4 U ug/kg (4)	--	--	--
Endosulfan sulfate	4 U ug/kg (4)	--	--	--
Endrin	4 U ug/kg (4)	--	--	--
Endrin aldehyde	4 U ug/kg (4)	--	--	--
Endrin ketone	4 U ug/kg (4)	--	--	--
gamma-BHC (Lindane)	2 U ug/kg (2)	--	--	--
gamma-Chlordane	2 U ug/kg (2)	--	--	--
Heptachlor	2 U ug/kg (2)	--	--	--
Heptachlor epoxide	2 U ug/kg (2)	--	--	--
Methoxychlor	20 U ug/kg (20)	--	--	--
Toxaphene	200 U ug/kg (200)	--	--	--
BRAC VOLATILES				
1,1,1-Trichloroethane	6 U ug/kg (6)	--	--	--
1,1,2,2-Tetrachloroethane	6 U ug/kg (6)	--	--	--

Sample Identifier	76S00201D	76S00401	76S00501	76S00601
Sample Collect Date	2/6/96	2/14/97	2/14/97	2/14/97
Analyte				
1,1,2-Trichloroethane	6 U ug/kg (6)	--	--	--
1,1-Dichloroethane	6 U ug/kg (6)	--	--	--
1,1-Dichloroethene	6 U ug/kg (6)	--	--	--
1,2-Dichloroethane	6 U ug/kg (6)	--	--	--
1,2-Dichloropropane	6 U ug/kg (6)	--	--	--
Benzene	6 U ug/kg (6)	--	--	--
Bromodichloromethane	6 U ug/kg (6)	--	--	--
Bromoform	6 U ug/kg (6)	--	--	--
Bromomethane	12 U ug/kg (12)	--	--	--
Carbon tetrachloride	6 U ug/kg (6)	--	--	--
Chlorobenzene	6 U ug/kg (6)	--	--	--
Chloroethane	12 U ug/kg (12)	--	--	--
Chloroform	6 U ug/kg (6)	--	--	--
Chloromethane	12 U ug/kg (12)	--	--	--
cis 1,3-Dichloropropene	6 U ug/kg (6)	--	--	--
Dibromochloromethane	6 U ug/kg (6)	--	--	--
Ethylbenzene	6 U ug/kg (6)	--	--	--
Methylene chloride	6 U ug/kg (6)	--	--	--
Tetrachloroethene	6 U ug/kg (6)	--	--	--
Toluene	6 U ug/kg (6)	--	--	--
trans 1,3-Dichloropropene	6 U ug/kg (6)	--	--	--
Trichloroethene	6 U ug/kg (6)	--	--	--
Vinyl chloride	12 U ug/kg (12)	--	--	--

CLP METALS AND CYANIDE

Antimony	.98 U mg/kg (12)	.71 U mg/kg (12)	.72 U mg/kg (12)	.71 U mg/kg (12)
Arsenic	.74 U mg/kg (2)	.48 U mg/kg (2)	.48 U mg/kg (2)	.47 U mg/kg (2)
Barium	8.1 J mg/kg (40)	6.2 J mg/kg (40)	8.8 J mg/kg (40)	6.1 J mg/kg (40)
Beryllium	.25 U mg/kg (1)	.24 U mg/kg (1)	.24 U mg/kg (1)	.24 U mg/kg (1)
Cadmium	.25 U mg/kg (1)	--	.24 U mg/kg (1)	.24 U mg/kg (1)
Calcium	893 J mg/kg (1000)	736 J mg/kg (1000)	654 J mg/kg (1000)	622 J mg/kg (1000)
Cobalt	1.5 U mg/kg (10)	.24 U mg/kg (10)	.36 J mg/kg (10)	.24 U mg/kg (10)

Sample Identifier	76S00201D	76S00401	76S00501	76S00601
Sample Collect Date	2/6/96	2/14/97	2/14/97	2/14/97
Analyte				
Cyanide, Total	.12 U mg/kg (.5)	.07 U mg/kg (.5)	.07 U mg/kg (.5)	.07 U mg/kg (.5)
Magnesium	92.8 J mg/kg (1000)	93.5 J mg/kg (1000)	172 J mg/kg (1000)	88.6 J mg/kg (1000)
Mercury	.13 U mg/kg (.1)	.06 U mg/kg (.1)	.07 J mg/kg (.1)	--
Nickel	.79 J mg/kg (8)	1.3 J mg/kg (8)	1.4 J mg/kg (8)	.9 J mg/kg (8)
Potassium	22.4 U mg/kg (1000)	34.1 J mg/kg (1000)	29.1 J mg/kg (1000)	19.5 J mg/kg (1000)
Selenium	.98 U mg/kg (1)	.95 U mg/kg (1)	.96 U mg/kg (1)	.95 U mg/kg (1)
Silver	.25 U mg/kg (2)	.24 U mg/kg (2)	.24 U mg/kg (2)	.24 U mg/kg (2)
Sodium	31.2 J mg/kg (1000)	26.4 U mg/kg (1000)	31.1 J mg/kg (1000)	26.3 U mg/kg (1000)
Thallium	.74 U mg/kg (2)	.71 U mg/kg (2)	.72 U mg/kg (2)	.71 U mg/kg (2)
Vanadium	2.4 J mg/kg (10)	2.8 J mg/kg (10)	3.2 J mg/kg (10)	3.1 J mg/kg (10)
Zinc	17.2 J mg/kg (4)	--	--	--

PAHs

2-Methylnaphthalene	760 J ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Acenaphthene	5900 J ug/kg (12000)	390 U ug/kg (390)	120 J ug/kg (400)	66 J ug/kg (390)
Acenaphthylene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Anthracene	11000 J ug/kg (12000)	390 U ug/kg (390)	200 J ug/kg (400)	120 J ug/kg (390)
Benzo (a) Anthracene	--	44 J ug/kg (390)	--	290 J ug/kg (390)
Benzo (a) Pyrene	--	390 U ug/kg (390)	--	220 J ug/kg (390)
Benzo (b) Fluoranthene	--	51 J ug/kg (390)	--	340 J ug/kg (390)
Benzo (g,h,i) Perylene	8100 J ug/kg (12000)	390 U ug/kg (390)	170 J ug/kg (400)	110 J ug/kg (390)
Benzo (k) Fluoranthene	10000 J ug/kg (12000)	390 U ug/kg (390)	240 J ug/kg (400)	130 J ug/kg (390)
Chrysene	--	47 J ug/kg (390)	--	330 J ug/kg (390)
Dibenzo (a,h) anthracene	2500 J ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Fluoranthene	--	84 J ug/kg (390)	--	--
Fluorene	5200 J ug/kg (12000)	390 U ug/kg (390)	100 J ug/kg (400)	73 J ug/kg (390)
Indeno (1,2,3-cd) pyrene	7600 J ug/kg (12000)	390 U ug/kg (390)	200 J ug/kg (400)	140 J ug/kg (390)
Naphthalene	1400 J ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Phenanthrene	--	58 J ug/kg (390)	--	--
Pyrene	--	84 J ug/kg (390)	--	--

SEMIVOLATILES

Sample Identifier	76S00201D	76S00401	76S00501	76S00601
Sample Collect Date	2/6/96	2/14/97	2/14/97	2/14/97
Analyte				
1,2,4-Trichlorobenzene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
1,2-Dichlorobenzene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
1,3-Dichlorobenzene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
1,4-Dichlorobenzene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
2,4,5-Trichlorophenol	30000 U ug/kg (30000)	950 U ug/kg (950)	960 U ug/kg (960)	950 U ug/kg (950)
2,4,6-Trichlorophenol	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
2,4-Dichlorophenol	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
2,4-Dimethylphenol	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
2,4-Dinitrophenol	30000 U ug/kg (30000)	950 U ug/kg (950)	960 U ug/kg (960)	950 U ug/kg (950)
2,4-Dinitrotoluene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
2,6-Dinitrotoluene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
2-Chloronaphthalene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
2-Chlorophenol	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
2-Methylnaphthalene	760 J ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
2-Methylphenol	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
2-Nitroaniline	30000 U ug/kg (30000)	950 U ug/kg (950)	960 U ug/kg (960)	950 U ug/kg (950)
2-Nitrophenol	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
3,3-Dichlorobenzidine	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
3-Nitroaniline	30000 U ug/kg (30000)	950 U ug/kg (950)	960 U ug/kg (960)	950 U ug/kg (950)
4,4-DDD	4 U ug/kg (4)	--	--	--
4,4-DDE	4 U ug/kg (4)	--	--	--
4,4-DDT	43 J ug/kg (4)	--	--	--
4,6-Dinitro-2-methylphenol	30000 U ug/kg (30000)	950 U ug/kg (950)	960 U ug/kg (960)	950 U ug/kg (950)
4-Bromophenyl-phenylether	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
4-Chloro-3-methylphenol	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
4-Chloroaniline	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
4-Chlorophenyl-phenylether	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
4-Methylphenol	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
4-Nitroaniline	30000 U ug/kg (30000)	950 U ug/kg (950)	960 U ug/kg (960)	950 U ug/kg (950)
4-Nitrophenol	30000 U ug/kg (30000)	950 U ug/kg (950)	960 U ug/kg (960)	950 U ug/kg (950)
Acenaphthene	5900 J ug/kg (12000)	390 U ug/kg (390)	120 J ug/kg (400)	66 J ug/kg (390)

Sample Identifier	76S00201D	76S00401	76S00501	76S00601
Sample Collect Date	2/6/96	2/14/97	2/14/97	2/14/97
Analyte				
Acenaphthylene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Aldrin	2 U ug/kg (2)	--	--	--
alpha-BHC	2 U ug/kg (2)	--	--	--
Anthracene	11000 J ug/kg (12000)	390 U ug/kg (390)	200 J ug/kg (400)	120 J ug/kg (390)
Aroclor-1016	40 U ug/kg (40)	--	--	--
Aroclor-1221	81 U ug/kg (81)	--	--	--
Aroclor-1232	40 U ug/kg (40)	--	--	--
Aroclor-1242	40 U ug/kg (40)	--	--	--
Aroclor-1248	40 U ug/kg (40)	--	--	--
Aroclor-1254	40 U ug/kg (40)	--	--	--
Aroclor-1260	40 U ug/kg (40)	--	--	--
Benzo (a) Anthracene	--	44 J ug/kg (390)	--	290 J ug/kg (390)
Benzo (a) Pyrene	--	390 U ug/kg (390)	--	220 J ug/kg (390)
Benzo (b) Fluoranthene	--	51 J ug/kg (390)	--	340 J ug/kg (390)
Benzo (g,h,i) Perylene	8100 J ug/kg (12000)	390 U ug/kg (390)	170 J ug/kg (400)	110 J ug/kg (390)
Benzo (k) Fluoranthene	10000 J ug/kg (12000)	390 U ug/kg (390)	240 J ug/kg (400)	130 J ug/kg (390)
beta-BHC	2 U ug/kg (2)	--	--	--
bis(2-Chloroethoxy) methane	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
bis(2-Chloroethyl) ether	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
bis(2-Ethylhexyl) phthalate	12000 U ug/kg (12000)	--	52 J ug/kg (400)	390 U ug/kg (390)
Butylbenzylphthalate	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Chrysene	--	47 J ug/kg (390)	--	330 J ug/kg (390)
delta-BHC	2 U ug/kg (2)	--	--	--
Di-n-butyl phthalate	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Di-n-octyl phthalate	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Dibenzo (a,h) anthracene	2500 J ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Dibenzofuran	2100 J ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	40 J ug/kg (390)
Dieldrin	4 U ug/kg (4)	--	--	--
Diethylphthalate	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Dimethylphthalate	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Endosulfan I	2 U ug/kg (2)	--	--	--

Sample Identifier	76S00201D	76S00401	76S00501	76S00601
Sample Collect Date	2/6/96	2/14/97	2/14/97	2/14/97
Analyte				
Endosulfan II	4 U ug/kg (4)	--	--	--
Endosulfan sulfate	4 U ug/kg (4)	--	--	--
Endrin	4 U ug/kg (4)	--	--	--
Endrin aldehyde	4 U ug/kg (4)	--	--	--
Fluoranthene	--	84 J ug/kg (390)	--	--
Fluorene	5200 J ug/kg (12000)	390 U ug/kg (390)	100 J ug/kg (400)	73 J ug/kg (390)
gamma-BHC (Lindane)	2 U ug/kg (2)	--	--	--
Heptachlor	2 U ug/kg (2)	--	--	--
Heptachlor epoxide	2 U ug/kg (2)	--	--	--
Hexachlorobenzene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Hexachlorobutadiene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Hexachlorocyclopentadiene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Hexachloroethane	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Indeno (1,2,3-cd) pyrene	7600 J ug/kg (12000)	390 U ug/kg (390)	200 J ug/kg (400)	140 J ug/kg (390)
Isophorone	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
N-Nitroso-di-n-propylamine	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Naphthalene	1400 J ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Nitrobenzene	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Pentachlorophenol	30000 U ug/kg (30000)	950 U ug/kg (950)	960 U ug/kg (960)	950 U ug/kg (950)
Phenanthrene	--	58 J ug/kg (390)	--	--
Phenol	12000 U ug/kg (12000)	390 U ug/kg (390)	400 U ug/kg (400)	390 U ug/kg (390)
Pyrene	--	84 J ug/kg (390)	--	--
Toxaphene	200 U ug/kg (200)	--	--	--

Sample Identifier	76S00701	76S00801	76S00901	76S01001
Sample Collect Date	1/28/98	1/28/98	1/28/98	1/28/98
Analyte				
PAHs				
1-Methylnaphthalene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
2-Methylnaphthalene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Acenaphthene	200 U ug/kg (200)	200 U ug/kg (200)	--	200 U ug/kg (200)
Acenaphthylene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Anthracene	200 U ug/kg (200)	220 J ug/kg (200)	--	200 U ug/kg (200)
Benzo (a) Anthracene	200 U ug/kg (200)	--	--	--
Benzo (a) Pyrene	200 U ug/kg (200)	--	--	--
Benzo (b) Fluoranthene	200 U ug/kg (200)	390 J ug/kg (200)	--	430 J ug/kg (200)
Benzo (g,h,i) Perylene	200 U ug/kg (200)	210 J ug/kg (200)	--	220 J ug/kg (200)
Benzo (k) Fluoranthene	200 U ug/kg (200)	--	--	--
Chrysene	200 U ug/kg (200)	490 J ug/kg (200)	--	--
Dibenzo (a,h) anthracene	200 U ug/kg (200)	200 U ug/kg (200)	290 J ug/kg (200)	200 U ug/kg (200)
Fluoranthene	200 U ug/kg (200)	--	--	--
Fluorene	200 U ug/kg (200)	200 U ug/kg (200)	540 J ug/kg (200)	200 U ug/kg (200)
Indeno (1,2,3-cd) pyrene	200 U ug/kg (200)	210 J ug/kg (200)	--	210 J ug/kg (200)
Naphthalene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Phenanthrene	200 U ug/kg (200)	--	--	--
Pyrene	200 U ug/kg (200)	--	--	--
SEMIVOLATILES				
1,2,4-Trichlorobenzene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
1,2-Dichlorobenzene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
1,3-Dichlorobenzene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
1,4-Dichlorobenzene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
1-Methylnaphthalene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
2,4-Dinitrotoluene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
2,6-Dinitrotoluene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
2-Chloronaphthalene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
2-Methylnaphthalene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)

Sample Identifier	76S00701	76S00801	76S00901	76S01001
Sample Collect Date	1/28/98	1/28/98	1/28/98	1/28/98
Analyte				
2-Nitroaniline	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
3,3-Dichlorobenzidine	810 U ug/kg (810)	820 U ug/kg (820)	810 U ug/kg (810)	820 U ug/kg (820)
3-Nitroaniline	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
4-Bromophenyl-phenylether	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
4-Chloroaniline	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
4-Chlorophenyl-phenylether	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
4-Nitroaniline	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Acenaphthene	200 U ug/kg (200)	200 U ug/kg (200)	--	200 U ug/kg (200)
Acenaphthylene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Anthracene	200 U ug/kg (200)	220 J ug/kg (200)	--	200 U ug/kg (200)
Benzidine	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Benzo (a) Anthracene	200 U ug/kg (200)	--	--	--
Benzo (a) Pyrene	200 U ug/kg (200)	--	--	--
Benzo (b) Fluoranthene	200 U ug/kg (200)	390 J ug/kg (200)	--	430 J ug/kg (200)
Benzo (g,h,i) Perylene	200 U ug/kg (200)	210 J ug/kg (200)	--	220 J ug/kg (200)
Benzo (k) Fluoranthene	200 U ug/kg (200)	--	--	--
Benzoic acid	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Benzyl alcohol	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
bis(2-Chloroethoxy) methane	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
bis(2-Chloroethyl) ether	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
bis(2-Chloroisopropyl) ether	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
bis(2-Ethylhexyl) phthalate	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Butylbenzylphthalate	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Chrysene	200 U ug/kg (200)	490 J ug/kg (200)	--	--
Di-n-butyl phthalate	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Di-n-octyl phthalate	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Dibenzo (a,h) anthracene	200 U ug/kg (200)	200 U ug/kg (200)	290 J ug/kg (200)	200 U ug/kg (200)
Dibenzofuran	200 U ug/kg (200)	200 U ug/kg (200)	220 J ug/kg (200)	200 U ug/kg (200)
Diethylphthalate	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Dimethylphthalate	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Fluoranthene	200 U ug/kg (200)	--	--	--

Sample Identifier	76S00701	76S00801	76S00901	76S01001
Sample Collect Date	1/28/98	1/28/98	1/28/98	1/28/98
Analyte				
Fluorene	200 U ug/kg (200)	200 U ug/kg (200)	540 J ug/kg (200)	200 U ug/kg (200)
Hexachlorobenzene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Hexachlorobutadiene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Hexachlorocyclopentadiene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Hexachloroethane	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Indeno (1,2,3-cd) pyrene	200 U ug/kg (200)	210 J ug/kg (200)	--	210 J ug/kg (200)
Isophorone	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
N-Nitroso-di-n-propylamine	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Naphthalene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Nitrobenzene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
p-Dimethylaminoazobenzene	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)
Phenanthrene	200 U ug/kg (200)	--	--	--
Pyrene	200 U ug/kg (200)	--	--	--
Pyridine	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)	200 U ug/kg (200)

Sample Identifier	76S01101	76S01201	76S01301	76S01401
Sample Collect Date	1/28/98	1/28/98	1/28/98	5/27/98
Analyte				
BRAC PESTICIDES/PCBS				
4,4-DDD	--	2 U ug/kg (2)	2 U ug/kg (2)	--
4,4-DDE	--	2 U ug/kg (2)	2 U ug/kg (2)	--
4,4-DDT	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Aldrin	--	2 U ug/kg (2)	2 U ug/kg (2)	--
alpha-BHC	--	2 U ug/kg (2)	2 U ug/kg (2)	--
alpha-Chlordane	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Aroclor-1016 + Aroclor-1242	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Aroclor-1221	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Aroclor-1232	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Aroclor-1248	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Aroclor-1254	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Aroclor-1260	--	39 U ug/kg (39)	40 U ug/kg (40)	--
beta-BHC	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Dieldrin	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Endosulfan I	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Endosulfan II	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Endosulfan sulfate	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Endrin	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Endrin aldehyde	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Endrin ketone	--	2 U ug/kg (2)	2 U ug/kg (2)	--
gamma-BHC (Lindane)	--	2 U ug/kg (2)	2 U ug/kg (2)	--
gamma-Chlordane	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Heptachlor	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Heptachlor epoxide	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Methoxychlor	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Toxaphene	--	78 U ug/kg (78)	80 U ug/kg (80)	--
BRAC VOLATILES				
1,1,1-Trichloroethane	--	6 U ug/kg (6)	--	--

Sample Identifier	76S01101	76S01201	76S01301	76S01401
Sample Collect Date	1/28/98	1/28/98	1/28/98	5/27/98
Analyte				
1,1,2,2-Tetrachloroethane	--	6 U ug/kg (6)	--	--
1,1,2-Trichloroethane	--	6 U ug/kg (6)	--	--
1,1-Dichloroethane	--	6 U ug/kg (6)	--	--
1,1-Dichloroethene	--	6 U ug/kg (6)	--	--
1,2-Dichloroethane	--	6 U ug/kg (6)	--	--
1,2-Dichloropropane	--	6 U ug/kg (6)	--	--
Benzene	--	6 U ug/kg (6)	--	--
Bromodichloromethane	--	6 U ug/kg (6)	--	--
Bromoform	--	6 U ug/kg (6)	--	--
Bromomethane	--	12 U ug/kg (12)	--	--
Carbon tetrachloride	--	6 U ug/kg (6)	--	--
Chlorobenzene	--	6 U ug/kg (6)	--	--
Chloroethane	--	12 U ug/kg (12)	--	--
Chloroform	--	6 U ug/kg (6)	--	--
Chloromethane	--	6 U ug/kg (6)	--	--
cis 1,3-Dichloropropene	--	6 U ug/kg (6)	--	--
Dibromochloromethane	--	6 U ug/kg (6)	--	--
Ethylbenzene	--	6 U ug/kg (6)	--	--
m,p-Xylene	--	12 U ug/kg (12)	--	--
Methylene chloride	--	18 U ug/kg (18)	--	--
o-Xylene	--	6 U ug/kg (6)	--	--
Tetrachloroethene	--	18 U ug/kg (18)	--	--
Toluene	--	6 U ug/kg (6)	--	--
trans 1,2-Dichloroethene	--	6 U ug/kg (6)	--	--
trans 1,3-Dichloropropene	--	6 U ug/kg (6)	--	--
Trichloroethene	--	6 U ug/kg (6)	--	--
Vinyl chloride	--	6 U ug/kg (6)	--	--

CLP METALS AND CYANIDE

Antimony	--	2 U mg/kg (2)	--	--
Arsenic	--	.6 U mg/kg (.6)	--	--
Barium	--	24 U mg/kg (24)	--	--

Sample Identifier	76S01101	76S01201	76S01301	76S01401
Sample Collect Date	1/28/98	1/28/98	1/28/98	5/27/98
Analyte				
Beryllium	--	1 U mg/kg (1)	--	--
Cobalt	--	6 U mg/kg (6)	--	--
Nickel	--	6 U mg/kg (6)	--	--
Potassium	--	30 U mg/kg (30)	--	--
Selenium	--	2 U mg/kg (2)	--	--
Silver	--	2 U mg/kg (2)	--	--
Sodium	--	12 J mg/kg (7.7)	--	--
Thallium	--	1 U mg/kg (1)	--	--
PAHs				
1-Methylnaphthalene	200 U ug/kg (200)	--	--	--
2-Methylnaphthalene	200 U ug/kg (200)	2500 J ug/kg (2000)	--	230 J ug/kg (170)
Acenaphthene	200 U ug/kg (200)	--	--	170 U ug/kg (170)
Acenaphthylene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	33 U ug/kg (33)
Anthracene	200 U ug/kg (200)	--	--	170 U ug/kg (170)
Benzo (a) Anthracene	200 U ug/kg (200)	--	--	17 U ug/kg (17)
Benzo (a) Pyrene	200 U ug/kg (200)	--	--	--
Benzo (b) Fluoranthene	200 U ug/kg (200)	--	--	52 J ug/kg (33)
Benzo (g,h,i) Perylene	200 U ug/kg (200)	--	--	68 J ug/kg (33)
Benzo (k) Fluoranthene	200 U ug/kg (200)	--	--	--
Chrysene	200 U ug/kg (200)	--	--	--
Dibenzo (a,h) anthracene	200 U ug/kg (200)	3300 J ug/kg (2000)	--	33 U ug/kg (33)
Fluoranthene	400 J ug/kg (200)	--	--	--
Fluorene	200 U ug/kg (200)	--	--	33 U ug/kg (33)
Indeno (1,2,3-cd) pyrene	200 U ug/kg (200)	--	--	--
Naphthalene	200 U ug/kg (200)	4500 J ug/kg (2000)	--	170 U ug/kg (170)
Pyrene	270 J ug/kg (200)	--	--	--
SEMIVOLATILES				
1,2,4-Trichlorobenzene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
1,2-Dichlorobenzene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
1,3-Dichlorobenzene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--

Sample Identifier	76S01101	76S01201	76S01301	76S01401
Sample Collect Date	1/28/98	1/28/98	1/28/98	5/27/98
Analyte				
1,4-Dichlorobenzene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
1-Methylnaphthalene	200 U ug/kg (200)	--	--	--
2,4,5-Trichlorophenol	--	2000 U ug/kg (2000)	--	--
2,4,6-Trichlorophenol	--	2000 U ug/kg (2000)	--	--
2,4-Dichlorophenol	--	2000 U ug/kg (2000)	--	--
2,4-Dimethylphenol	--	2000 U ug/kg (2000)	--	--
2,4-Dinitrophenol	--	2000 U ug/kg (2000)	--	--
2,4-Dinitrotoluene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
2,6-Dinitrotoluene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
2-Chloronaphthalene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
2-Chlorophenol	--	2000 U ug/kg (2000)	--	--
2-Methylnaphthalene	200 U ug/kg (200)	2500 J ug/kg (2000)	--	230 J ug/kg (170)
2-Methylphenol	--	2000 U ug/kg (2000)	--	--
2-Nitroaniline	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
2-Nitrophenol	--	2000 U ug/kg (2000)	--	--
3,3-Dichlorobenzidine	790 U ug/kg (790)	7900 U ug/kg (7900)	--	--
3-Nitroaniline	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
4,4-DDD	--	2 U ug/kg (2)	2 U ug/kg (2)	--
4,4-DDE	--	2 U ug/kg (2)	2 U ug/kg (2)	--
4,4-DDT	--	2 U ug/kg (2)	2 U ug/kg (2)	--
4,6-Dinitro-2-methylphenol	--	2000 U ug/kg (2000)	--	--
4-Bromophenyl-phenylether	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
4-Chloro-3-methylphenol	--	2000 U ug/kg (2000)	--	--
4-Chloroaniline	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
4-Chlorophenyl-phenylether	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
4-Nitroaniline	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
4-Nitrophenol	--	2000 U ug/kg (2000)	--	--
Acenaphthene	200 U ug/kg (200)	--	--	170 U ug/kg (170)
Acenaphthylene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	33 U ug/kg (33)
Aldrin	--	2 U ug/kg (2)	2 U ug/kg (2)	--
alpha-BHC	--	2 U ug/kg (2)	2 U ug/kg (2)	--

Sample Identifier	76S01101	76S01201	76S01301	76S01401
Sample Collect Date	1/28/98	1/28/98	1/28/98	5/27/98
Analyte				
Anthracene	200 U ug/kg (200)	--	--	170 U ug/kg (170)
Aroclor-1221	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Aroclor-1232	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Aroclor-1248	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Aroclor-1254	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Aroclor-1260	--	39 U ug/kg (39)	40 U ug/kg (40)	--
Benzidine	200 U ug/kg (200)	--	--	--
Benzo (a) Anthracene	200 U ug/kg (200)	--	--	17 U ug/kg (17)
Benzo (a) Pyrene	200 U ug/kg (200)	--	--	--
Benzo (b) Fluoranthene	200 U ug/kg (200)	--	--	52 J ug/kg (33)
Benzo (g,h,i) Perylene	200 U ug/kg (200)	--	--	68 J ug/kg (33)
Benzo (k) Fluoranthene	200 U ug/kg (200)	--	--	--
Benzoic acid	200 U ug/kg (200)	--	--	--
Benzyl alcohol	200 U ug/kg (200)	--	--	--
beta-BHC	--	2 U ug/kg (2)	2 U ug/kg (2)	--
bis(2-Chloroethoxy) methane	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
bis(2-Chloroethyl) ether	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
bis(2-Chloroisopropyl) ether	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
bis(2-Ethylhexyl) phthalate	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Butylbenzylphthalate	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Chrysene	200 U ug/kg (200)	--	--	--
delta-BHC	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Di-n-butyl phthalate	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Di-n-octyl phthalate	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Dibenzo (a,h) anthracene	200 U ug/kg (200)	3300 J ug/kg (2000)	--	33 U ug/kg (33)
Dibenzofuran	200 U ug/kg (200)	--	--	--
Dieldrin	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Diethylphthalate	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Dimethylphthalate	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Endosulfan I	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Endosulfan II	--	2 U ug/kg (2)	2 U ug/kg (2)	--

Sample Identifier	76S01101	76S01201	76S01301	76S01401
Sample Collect Date	1/28/98	1/28/98	1/28/98	5/27/98
Analyte				
Endosulfan sulfate	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Endrin	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Endrin aldehyde	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Fluoranthene	400 J ug/kg (200)	--	--	--
Fluorene	200 U ug/kg (200)	--	--	33 U ug/kg (33)
gamma-BHC (Lindane)	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Heptachlor	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Heptachlor epoxide	--	2 U ug/kg (2)	2 U ug/kg (2)	--
Hexachlorobenzene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Hexachlorobutadiene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Hexachlorocyclopentadiene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Hexachloroethane	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Indeno (1,2,3-cd) pyrene	200 U ug/kg (200)	--	--	--
Isophorone	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
m + p Cresol	--	2000 U ug/kg (2000)	--	--
N-Nitroso-di-n-propylamine	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
Naphthalene	200 U ug/kg (200)	4500 J ug/kg (2000)	--	170 U ug/kg (170)
Nitrobenzene	200 U ug/kg (200)	2000 U ug/kg (2000)	--	--
p-Dimethylaminoazobenzene	200 U ug/kg (200)	--	--	--
Pentachlorophenol	--	2000 U ug/kg (2000)	--	--
Phenol	--	2000 U ug/kg (2000)	--	--
Pyrene	270 J ug/kg (200)	--	--	--
Pyridine	200 U ug/kg (200)	--	--	--
Toxaphene	--	78 U ug/kg (78)	80 U ug/kg (80)	--

Sample Identifier	76S01501	76S01601	76S01701	76S01801
Sample Collect Date	5/27/98	5/27/98	5/27/98	5/27/98
Analyte				
PAHs				
Acenaphthene	170 U ug/kg (170)	170 U ug/kg (170)	170 U ug/kg (170)	--
Acenaphthylene	33 U ug/kg (33)	33 U ug/kg (33)	33 U ug/kg (33)	330 U ug/kg (330)
Anthracene	--	--	170 U ug/kg (170)	--
Dibenzo (a,h) anthracene	33 U ug/kg (33)	33 U ug/kg (33)	33 U ug/kg (33)	330 U ug/kg (330)
Naphthalene	170 U ug/kg (170)	170 U ug/kg (170)	170 U ug/kg (170)	1700 U ug/kg (1700)
Semivolatiles				
Acenaphthene	170 U ug/kg (170)	170 U ug/kg (170)	170 U ug/kg (170)	--
Acenaphthylene	33 U ug/kg (33)	33 U ug/kg (33)	33 U ug/kg (33)	330 U ug/kg (330)
Anthracene	--	--	170 U ug/kg (170)	--
Dibenzo (a,h) anthracene	33 U ug/kg (33)	33 U ug/kg (33)	33 U ug/kg (33)	330 U ug/kg (330)
Naphthalene	170 U ug/kg (170)	170 U ug/kg (170)	170 U ug/kg (170)	1700 U ug/kg (1700)

Sample Identifier	76S01901	76S02001	76S02101	76S02201
Sample Collect Date	5/27/98	5/27/98	5/27/98	5/27/98
Analyte				
PAHs				
Acenaphthene	17000 U ug/kg (17000)	170 U ug/kg (170)	170 U ug/kg (170)	840 U ug/kg (840)
Acenaphthylene	3300 U ug/kg (3300)	33 U ug/kg (33)	33 U ug/kg (33)	160 U ug/kg (160)
Dibenzo (a,h) anthracene	3300 U ug/kg (3300)	33 U ug/kg (33)	33 U ug/kg (33)	170 U ug/kg (170)
Naphthalene	17000 U ug/kg (17000)	170 U ug/kg (170)	170 U ug/kg (170)	840 U ug/kg (840)
SEMIVOLATILES				
Acenaphthene	17000 U ug/kg (17000)	170 U ug/kg (170)	170 U ug/kg (170)	840 U ug/kg (840)
Acenaphthylene	3300 U ug/kg (3300)	33 U ug/kg (33)	33 U ug/kg (33)	160 U ug/kg (160)
Dibenzo (a,h) anthracene	3300 U ug/kg (3300)	33 U ug/kg (33)	33 U ug/kg (33)	170 U ug/kg (170)
Naphthalene	17000 U ug/kg (17000)	170 U ug/kg (170)	170 U ug/kg (170)	840 U ug/kg (840)

Sample Identifier	76S02301	76S02401		
Sample Collect Date	5/27/98	5/27/98		
Analyte				

PAHs

Acenaphthene	170 U ug/kg (170)	170 U ug/kg (170)		
Acenaphthylene	33 U ug/kg (33)	33 U ug/kg (33)		
Anthracene	--	170 U ug/kg (170)		
Dibenzo (a,h) anthracene	33 U ug/kg (33)	33 U ug/kg (33)		
Fluorene	--	33 U ug/kg (33)		
Naphthalene	170 U ug/kg (170)	170 U ug/kg (170)		

SEMIVOLATILES

Acenaphthene	170 U ug/kg (170)	170 U ug/kg (170)		
Acenaphthylene	33 U ug/kg (33)	33 U ug/kg (33)		
Anthracene	--	170 U ug/kg (170)		
Dibenzo (a,h) anthracene	33 U ug/kg (33)	33 U ug/kg (33)		
Fluorene	--	33 U ug/kg (33)		
Naphthalene	170 U ug/kg (170)	170 U ug/kg (170)		

Footnotes: Values in parentheses are detection limits

GROUNDWATER DATA

NAS Cecil Field

Sample Identifier	76G00101	76G00101D	76G00101DF	76G00101F
Sample Collect Date	7/16/96	7/16/96	7/16/96	7/16/96
Analyte				

BRAC PESTICIDES/PCBS

4,4-DDD	.1 U ug/l (.1)	.1 U ug/l (.1)	--	--
4,4-DDE	.1 U ug/l (.1)	.1 U ug/l (.1)	--	--
4,4-DDT	.1 U ug/l (.1)	.1 U ug/l (.1)	--	--
Aldrin	.05 U ug/l (.05)	.05 U ug/l (.05)	--	--
alpha-BHC	.05 U ug/l (.05)	.05 U ug/l (.05)	--	--
alpha-Chlordane	.05 U ug/l (.05)	.05 U ug/l (.05)	--	--
Aroclor-1221	2 U ug/l (2)	2 U ug/l (2)	--	--
Aroclor-1232	1 U ug/l (1)	1 U ug/l (1)	--	--
Aroclor-1248	1 U ug/l (1)	1 U ug/l (1)	--	--
Aroclor-1254	1 U ug/l (1)	1 U ug/l (1)	--	--
Aroclor-1260	1 U ug/l (1)	1 U ug/l (1)	--	--
beta-BHC	.05 U ug/l (.05)	.05 U ug/l (.05)	--	--
Dieldrin	.1 U ug/l (.1)	.1 U ug/l (.1)	--	--
Endosulfan I	.05 U ug/l (.05)	.05 U ug/l (.05)	--	--
Endosulfan II	.1 U ug/l (.1)	.1 U ug/l (.1)	--	--
Endosulfan sulfate	.1 U ug/l (.1)	.1 U ug/l (.1)	--	--
Endrin	.1 U ug/l (.1)	.1 U ug/l (.1)	--	--
Endrin aldehyde	.1 U ug/l (.1)	.1 U ug/l (.1)	--	--
Endrin ketone	.1 U ug/l (.1)	.1 U ug/l (.1)	--	--
gamma-BHC (Lindane)	.05 U ug/l (.05)	.05 U ug/l (.05)	--	--
gamma-Chlordane	.05 U ug/l (.05)	.05 U ug/l (.05)	--	--
Heptachlor	.05 U ug/l (.05)	.05 U ug/l (.05)	--	--
Heptachlor epoxide	.05 U ug/l (.05)	.05 U ug/l (.05)	--	--
Methoxychlor	.5 U ug/l (.5)	.5 U ug/l (.5)	--	--
Toxaphene	5 U ug/l (5)	5 U ug/l (5)	--	--

Sample Identifier	76G00101	76G00101D	76G00101DF	76G00101F
Sample Collect Date	7/16/96	7/16/96	7/16/96	7/16/96
Analyte				
BRAC VOLATILES				
1,1,1-Trichloroethane	1 U ug/l (1)	1 U ug/l (1)	--	--
1,1,2,2-Tetrachloroethane	1 U ug/l (1)	1 U ug/l (1)	--	--
1,1,2-Trichloroethane	1 U ug/l (1)	1 U ug/l (1)	--	--
1,1-Dichloroethane	1 U ug/l (1)	1 U ug/l (1)	--	--
1,1-Dichloroethene	1 U ug/l (1)	1 U ug/l (1)	--	--
1,2-Dichloroethane	1 U ug/l (1)	1 U ug/l (1)	--	--
1,2-Dichloropropane	1 U ug/l (1)	1 U ug/l (1)	--	--
Benzene	1 U ug/l (1)	1 U ug/l (1)	--	--
Bromodichloromethane	1 U ug/l (1)	1 U ug/l (1)	--	--
Bromoform	1 U ug/l (1)	1 U ug/l (1)	--	--
Bromomethane	2 U ug/l (2)	2 U ug/l (2)	--	--
Carbon tetrachloride	1 U ug/l (1)	1 U ug/l (1)	--	--
Chlorobenzene	1 U ug/l (1)	1 U ug/l (1)	--	--
Chloroethane	2 U ug/l (2)	2 U ug/l (2)	--	--
Chloroform	1 U ug/l (1)	1 U ug/l (1)	--	--
Chloromethane	2 U ug/l (2)	2 U ug/l (2)	--	--
cis 1,3-Dichloropropene	1 U ug/l (1)	1 U ug/l (1)	--	--
Dibromochloromethane	1 U ug/l (1)	1 U ug/l (1)	--	--
Ethylbenzene	1 U ug/l (1)	1 U ug/l (1)	--	--
Methylene chloride	1 U ug/l (1)	1 U ug/l (1)	--	--
Tetrachloroethene	1 U ug/l (1)	1 U ug/l (1)	--	--
Toluene	1 U ug/l (1)	1 U ug/l (1)	--	--
trans 1,3-Dichloropropene	1 U ug/l (1)	1 U ug/l (1)	--	--
Trichloroethene	1 U ug/l (1)	1 U ug/l (1)	--	--
Vinyl chloride	2 U ug/l (2)	2 U ug/l (2)	--	--
CLP METALS AND CYANIDE				
Antimony	2 U ug/l (60)	2 U ug/l (60)	6.3 J ug/l (60)	2.3 J ug/l (60)
Arsenic	3 U ug/l (10)	3 U ug/l (10)	3 U ug/l (10)	3 U ug/l (10)
Barium	49.5 J ug/l (200)	48.8 J ug/l (200)	43.9 J ug/l (200)	48.9 J ug/l (200)

Sample Identifier	76G00101	76G00101D	76G00101DF	76G00101F
Sample Collect Date	7/16/96	7/16/96	7/16/96	7/16/96
Analyte				
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)
Chromium	2 U ug/l (10)	2.7 J ug/l (10)	2 U ug/l (10)	2 U ug/l (10)
Cobalt	1 U ug/l (50)	1 U ug/l (50)	1 U ug/l (50)	1 U ug/l (50)
Copper	6.3 J ug/l (25)	8.4 J ug/l (25)	7.2 J ug/l (25)	7.7 J ug/l (25)
Cyanide, Total	3.5 J ug/l (10)	3 U ug/l (10)	--	--
Lead	2 U ug/l (3)	2 U ug/l (3)	2 U ug/l (3)	2 U ug/l (3)
Magnesium	1440 J ug/l (5000)	1400 J ug/l (5000)	1230 J ug/l (5000)	1380 J ug/l (5000)
Manganese	12.5 J ug/l (15)	--	13 J ug/l (15)	13.2 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)	5.1 J ug/l (40)	2.3 J ug/l (40)	2 U ug/l (40)
Potassium	617 J ug/l (5000)	647 J ug/l (5000)	569 J ug/l (5000)	596 J 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	5870 J ug/l (5000)	8230 J ug/l (5000)	7120 J ug/l (5000)	7960 J ug/l (5000)
Thallium	2 U ug/l (10)	2 U ug/l (10)	2.8 J ug/l (10)	2 U ug/l (10)
Vanadium	3.3 J ug/l (50)	3.1 J ug/l (50)	2.4 J ug/l (50)	3.2 J ug/l (50)
Zinc	18.1 J ug/l (20)	--	--	--
PAHs				
Acenaphthene	10 U ug/l (10)	10 U ug/l (10)	--	--
Acenaphthylene	10 U ug/l (10)	10 U ug/l (10)	--	--
Anthracene	10 U ug/l (10)	10 U ug/l (10)	--	--
Benzo (a) Anthracene	10 U ug/l (10)	10 U ug/l (10)	--	--
Benzo (a) Pyrene	10 U ug/l (10)	10 U ug/l (10)	--	--
Benzo (b) Fluoranthene	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)	--	--
Benzo (k) Fluoranthene	10 U ug/l (10)	10 U ug/l (10)	--	--
Chrysene	10 U ug/l (10)	10 U ug/l (10)	--	--
Dibenzo (a,h) anthracene	10 U ug/l (10)	10 U ug/l (10)	--	--
Fluoranthene	10 U ug/l (10)	10 U ug/l (10)	--	--
Fluorene	10 U ug/l (10)	10 U ug/l (10)	--	--

Sample Identifier	76G00101	76G00101D	76G00101DF	76G00101F
Sample Collect Date	7/16/96	7/16/96	7/16/96	7/16/96
Analyte				
Indeno (1,2,3-cd) pyrene	10 U ug/l (10)	10 U ug/l (10)	--	--
Naphthalene	10 U ug/l (10)	10 U ug/l (10)	--	--
Phenanthrene	10 U ug/l (10)	10 U ug/l (10)	--	--
Pyrene	10 U ug/l (10)	10 U ug/l (10)	--	--
Semivolatiles				
1,2,4-Trichlorobenzene	10 U ug/l (10)	10 U ug/l (10)	--	--
1,2-Dichlorobenzene	10 U ug/l (10)	10 U ug/l (10)	--	--
1,3-Dichlorobenzene	10 U ug/l (10)	10 U ug/l (10)	--	--
1,4-Dichlorobenzene	10 U ug/l (10)	10 U ug/l (10)	--	--
2,4,5-Trichlorophenol	25 U ug/l (25)	25 U ug/l (25)	--	--
2,4,6-Trichlorophenol	10 U ug/l (10)	10 U ug/l (10)	--	--
2,4-Dichlorophenol	10 U ug/l (10)	10 U ug/l (10)	--	--
2,4-Dimethylphenol	10 U ug/l (10)	10 U ug/l (10)	--	--
2,4-Dinitrophenol	25 U ug/l (25)	25 U ug/l (25)	--	--
2,4-Dinitrotoluene	10 U ug/l (10)	10 U ug/l (10)	--	--
2,6-Dinitrotoluene	10 U ug/l (10)	10 U ug/l (10)	--	--
2-Chloronaphthalene	10 U ug/l (10)	10 U ug/l (10)	--	--
2-Chlorophenol	10 U ug/l (10)	10 U ug/l (10)	--	--
2-Methylnaphthalene	10 U ug/l (10)	10 U ug/l (10)	--	--
2-Methylphenol	10 U ug/l (10)	10 U ug/l (10)	--	--
2-Nitroaniline	25 U ug/l (25)	25 U ug/l (25)	--	--
2-Nitrophenol	10 U ug/l (10)	10 U ug/l (10)	--	--
3,3-Dichlorobenzidine	10 U ug/l (10)	10 U ug/l (10)	--	--
3-Nitroaniline	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)	--	--
4-Bromophenyl-phenylether	10 U ug/l (10)	10 U ug/l (10)	--	--
4-Chloro-3-methylphenol	10 U ug/l (10)	10 U ug/l (10)	--	--
4-Chloroaniline	10 U ug/l (10)	10 U ug/l (10)	--	--
4-Chlorophenyl-phenylether	10 U ug/l (10)	10 U ug/l (10)	--	--
4-Methylphenol	10 U ug/l (10)	10 U ug/l (10)	--	--
4-Nitroaniline	25 U ug/l (25)	25 U ug/l (25)	--	--

Sample Identifier	76G00101	76G00101D	76G00101DF	76G00101F
Sample Collect Date	7/16/96	7/16/96	7/16/96	7/16/96
Analyte				
4-Nitrophenol	25 U ug/l (25)	25 U ug/l (25)	--	--
Acenaphthene	10 U ug/l (10)	10 U ug/l (10)	--	--
Acenaphthylene	10 U ug/l (10)	10 U ug/l (10)	--	--
Anthracene	10 U ug/l (10)	10 U ug/l (10)	--	--
Benzo (a) Anthracene	10 U ug/l (10)	10 U ug/l (10)	--	--
Benzo (a) Pyrene	10 U ug/l (10)	10 U ug/l (10)	--	--
Benzo (b) Fluoranthene	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)	--	--
Benzo (k) Fluoranthene	10 U ug/l (10)	10 U ug/l (10)	--	--
bis(2-Chloroethoxy) methane	10 U ug/l (10)	10 U ug/l (10)	--	--
bis(2-Chloroethyl) ether	10 U ug/l (10)	10 U ug/l (10)	--	--
bis(2-Ethylhexyl) phthalate	10 U ug/l (10)	10 U ug/l (10)	--	--
Butylbenzylphthalate	10 U ug/l (10)	10 U ug/l (10)	--	--
Chrysene	10 U ug/l (10)	10 U ug/l (10)	--	--
Di-n-butyl phthalate	10 U ug/l (10)	10 U ug/l (10)	--	--
Di-n-octyl phthalate	10 U ug/l (10)	10 U ug/l (10)	--	--
Dibenzo (a,h) anthracene	10 U ug/l (10)	10 U ug/l (10)	--	--
Dibenzofuran	10 U ug/l (10)	10 U ug/l (10)	--	--
Diethylphthalate	10 U ug/l (10)	10 U ug/l (10)	--	--
Dimethylphthalate	10 U ug/l (10)	10 U ug/l (10)	--	--
Fluoranthene	10 U ug/l (10)	10 U ug/l (10)	--	--
Fluorene	10 U ug/l (10)	10 U ug/l (10)	--	--
Hexachlorobenzene	10 U ug/l (10)	10 U ug/l (10)	--	--
Hexachlorobutadiene	10 U ug/l (10)	10 U ug/l (10)	--	--
Hexachlorocyclopentadiene	10 U ug/l (10)	10 U ug/l (10)	--	--
Hexachloroethane	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)	--	--
Isophorone	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)	--	--
Naphthalene	10 U ug/l (10)	10 U ug/l (10)	--	--
Nitrobenzene	10 U ug/l (10)	10 U ug/l (10)	--	--

Sample Identifier	76G00101	76G00101D	76G00101DF	76G00101F
Sample Collect Date	7/16/96	7/16/96	7/16/96	7/16/96
Analyte				
Pentachlorophenol	25 U ug/l (25)	25 U ug/l (25)	--	--
Phenanthrene	10 U ug/l (10)	10 U ug/l (10)	--	--
Phenol	10 U ug/l (10)	10 U ug/l (10)	--	--
Pyrene	10 U ug/l (10)	10 U ug/l (10)	--	--

Sample Identifier	76G00201		
Sample Collect Date	7/16/96		
Analyte			

BRAC PESTICIDES/PCBS

4,4-DDD	.1 U ug/l (.1)		
4,4-DDE	.1 U ug/l (.1)		
4,4-DDT	.1 U ug/l (.1)		
Aldrin	.05 U ug/l (.05)		
alpha-BHC	.05 U ug/l (.05)		
alpha-Chlordane	.05 U ug/l (.05)		
Aroclor-1221	2 U ug/l (2)		
Aroclor-1232	1 U ug/l (1)		
Aroclor-1248	1 U ug/l (1)		
Aroclor-1254	1 U ug/l (1)		
Aroclor-1260	1 U ug/l (1)		
beta-BHC	.05 U ug/l (.05)		
Dieldrin	.1 U ug/l (.1)		
Endosulfan I	.05 U ug/l (.05)		
Endosulfan II	.1 U ug/l (.1)		
Endosulfan sulfate	.1 U ug/l (.1)		
Endrin	.1 U ug/l (.1)		
Endrin aldehyde	.1 U ug/l (.1)		
Endrin ketone	.1 U ug/l (.1)		
gamma-BHC (Lindane)	.05 U ug/l (.05)		
gamma-Chlordane	.05 U ug/l (.05)		
Heptachlor	.05 U ug/l (.05)		
Heptachlor epoxide	.05 U ug/l (.05)		
Methoxychlor	.5 U ug/l (.5)		
Toxaphene	5 U ug/l (5)		

BRAC VOLATILES

1,1,1-Trichloroethane	1 U ug/l (1)		
1,1,2,2-Tetrachloroethane	1 U ug/l (1)		

Sample Identifier	76G00201		
Sample Collect Date	7/16/96		
Analyte			
1,1,2-Trichloroethane	1 U ug/l (1)		
1,1-Dichloroethane	1 U ug/l (1)		
1,1-Dichloroethene	1 U ug/l (1)		
1,2-Dichloroethane	1 U ug/l (1)		
1,2-Dichloropropane	1 U ug/l (1)		
Benzene	1 U ug/l (1)		
Bromodichloromethane	1 U ug/l (1)		
Bromoform	1 U ug/l (1)		
Bromomethane	2 U ug/l (2)		
Carbon tetrachloride	1 U ug/l (1)		
Chlorobenzene	1 U ug/l (1)		
Chloroethane	2 U ug/l (2)		
Chloroform	1 U ug/l (1)		
Chloromethane	2 U ug/l (2)		
cis 1,3-Dichloropropene	1 U ug/l (1)		
Dibromochloromethane	1 U ug/l (1)		
Ethylbenzene	1 U ug/l (1)		
Methylene chloride	1 U ug/l (1)		
Tetrachloroethene	1 U ug/l (1)		
Toluene	1 U ug/l (1)		
trans 1,3-Dichloropropene	1 U ug/l (1)		
Trichloroethene	1 U ug/l (1)		
Vinyl chloride	2 U ug/l (2)		

CLP METALS AND CYANIDE

Antimony	2 U ug/l (60)		
Arsenic	3.5 J ug/l (10)		
Barium	15.2 J ug/l (200)		
Beryllium	1 U ug/l (5)		
Cadmium	1 U ug/l (5)		
Calcium	2720 J ug/l (5000)		
Chromium	7.1 J ug/l (10)		

Sample Identifier	76G00201			
Sample Collect Date	7/16/96			
Analyte				
Cobalt	1.2 J ug/l (50)			
Copper	9.7 J ug/l (25)			
Cyanide, Total	3 U ug/l (10)			
Magnesium	1000 J ug/l (5000)			
Mercury	.1 U ug/l (.2)			
Nickel	2.4 J ug/l (40)			
Potassium	441 J ug/l (5000)			
Selenium	4 U ug/l (5)			
Silver	1 U ug/l (10)			
Sodium	9870 J ug/l (5000)			
Thallium	2.6 J ug/l (10)			
Vanadium	12.2 J ug/l (50)			

PAHs

Acenaphthene	10 U ug/l (10)			
Acenaphthylene	10 U ug/l (10)			
Anthracene	10 U ug/l (10)			
Benzo (a) Anthracene	10 U ug/l (10)			
Benzo (a) Pyrene	10 U ug/l (10)			
Benzo (b) Fluoranthene	10 U ug/l (10)			
Benzo (g,h,i) Perylene	10 U ug/l (10)			
Benzo (k) Fluoranthene	10 U ug/l (10)			
Chrysene	10 U ug/l (10)			
Dibenzo (a,h) anthracene	10 U ug/l (10)			
Fluoranthene	10 U ug/l (10)			
Fluorene	10 U ug/l (10)			
Indeno (1,2,3-cd) pyrene	10 U ug/l (10)			
Naphthalene	10 U ug/l (10)			
Phenanthrene	10 U ug/l (10)			
Pyrene	10 U ug/l (10)			

Semivolatiles

Sample Identifier	76G00201			
Sample Collect Date	7/16/96			
Analyte				
1,2,4-Trichlorobenzene	10 U ug/l	(10)		
1,2-Dichlorobenzene	10 U ug/l	(10)		
1,3-Dichlorobenzene	10 U ug/l	(10)		
1,4-Dichlorobenzene	10 U ug/l	(10)		
2,4,5-Trichlorophenol	25 U ug/l	(25)		
2,4,6-Trichlorophenol	10 U ug/l	(10)		
2,4-Dichlorophenol	10 U ug/l	(10)		
2,4-Dimethylphenol	10 U ug/l	(10)		
2,4-Dinitrophenol	25 U ug/l	(25)		
2,4-Dinitrotoluene	10 U ug/l	(10)		
2,6-Dinitrotoluene	10 U ug/l	(10)		
2-Chloronaphthalene	10 U ug/l	(10)		
2-Chlorophenol	10 U ug/l	(10)		
2-Methylnaphthalene	10 U ug/l	(10)		
2-Methylphenol	10 U ug/l	(10)		
2-Nitroaniline	25 U ug/l	(25)		
2-Nitrophenol	10 U ug/l	(10)		
3,3-Dichlorobenzidine	10 U ug/l	(10)		
3-Nitroaniline	25 U ug/l	(25)		
4,6-Dinitro-2-methylphenol	25 U ug/l	(25)		
4-Bromophenyl-phenylether	10 U ug/l	(10)		
4-Chloro-3-methylphenol	10 U ug/l	(10)		
4-Chloroaniline	10 U ug/l	(10)		
4-Chlorophenyl-phenylether	10 U ug/l	(10)		
4-Methylphenol	10 U ug/l	(10)		
4-Nitroaniline	25 U ug/l	(25)		
4-Nitrophenol	25 U ug/l	(25)		
Acenaphthene	10 U ug/l	(10)		
Acenaphthylene	10 U ug/l	(10)		
Anthracene	10 U ug/l	(10)		
Benzo (a) Anthracene	10 U ug/l	(10)		

Sample Identifier	76G00201
Sample Collect Date	7/16/96
Analyte	
Benzo (a) Pyrene	10 U ug/l (10)
Benzo (b) Fluoranthene	10 U ug/l (10)
Benzo (g,h,i) Perylene	10 U ug/l (10)
Benzo (k) Fluoranthene	10 U ug/l (10)
bis(2-Chloroethoxy) methane	10 U ug/l (10)
bis(2-Chloroethyl) ether	10 U ug/l (10)
bis(2-Ethylhexyl) phthalate	10 U ug/l (10)
Butylbenzylphthalate	10 U ug/l (10)
Chrysene	10 U ug/l (10)
Di-n-butyl phthalate	10 U ug/l (10)
Di-n-octyl phthalate	10 U ug/l (10)
Dibenzo (a,h) anthracene	10 U ug/l (10)
Dibenzofuran	10 U ug/l (10)
Diethylphthalate	10 U ug/l (10)
Dimethylphthalate	10 U ug/l (10)
Fluoranthene	10 U ug/l (10)
Fluorene	10 U ug/l (10)
Hexachlorobenzene	10 U ug/l (10)
Hexachlorobutadiene	10 U ug/l (10)
Hexachlorocyclopentadiene	10 U ug/l (10)
Hexachloroethane	10 U ug/l (10)
Indeno (1,2,3-cd) pyrene	10 U ug/l (10)
Isophorone	10 U ug/l (10)
N-Nitroso-di-n-propylamine	10 U ug/l (10)
Naphthalene	10 U ug/l (10)
Nitrobenzene	10 U ug/l (10)
Pentachlorophenol	25 U ug/l (25)
Phenanthrene	10 U ug/l (10)
Phenol	1 J ug/l (10)
Pyrene	10 U ug/l (10)

Footnotes: Values in parentheses are detection limits