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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS REPORT FOR HANGAR 14 BASE REALIGNMENT AND CLOSURE ZONE D INDUSTRIAL AND FLIGHT LINE AREA REVISION 1 NAS CECIL FIELD FL

3/1/1999

HARDING LAWSON ASSOCIATES

SAMPLING AND ANALYSIS REPORT

HANGAR 14

BASE REALIGNMENT AND CLOSURE

ZONE D, INDUSTRIAL AND FLIGHT LINE AREA

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

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Revision 1.0

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

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GLOSSARY

ABB-ES	ABB Environmental Services, Inc
BCT	Base Realignment and Closure cleanup team
bls	below land surface
ELCR	excess lifetime cancer risk
FDEP	Florida Department of Environmental Protection
GCTL	groundwater cleanup target level
HI	hazard index
HLA	Harding Lawson Associates
HQ	hazard quotient
NAS	Naval Air Station
PCB	polychlorinated biphenyl
ppm	parts per million
PRE	preliminary risk evaluation
RBC	risk-based concentration
SAO	Sampling and Analysis Outline
SCTL	soil cleanup target level
USEPA	U.S. Environmental Protection Agency

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 Hangar 14 at Naval Air Station (NAS) Cecil Field. This report summarizes the related field operations, results, conclusions, and recommendations of the Phase II investigation.

Hangar 14 is located along the east-west flight line, south of the intersection of 1st Street and C Avenue. Stressed vegetation in a grassy area on the south side of the hangar was identified as an environmental concern for the property. In addition, a wash basin, formerly located near the southwest corner of the hangar, was identified as a potential source of contamination.

A Sampling and Analysis Outline (SAO) for the assessment of surface soil in the area of stressed vegetation, and groundwater downgradient of Hangar 14 was prepared by HLA (then ABB Environmental Services, Inc. [ABB-ES]) and approved by the Base Realignment and Closure cleanup team (BCT) (ABB-ES, 1995b). Upon review of preliminary analytical data, a requirement for additional soil samples soils was identified by the BCT. The results of the sampling and analysis program developed are discussed in Chapters 2.0 and 3.0.

Contaminated groundwater has been identified in the flight line area, south of Hangar 14. The nature and extent of groundwater contamination in the flight line area are not evaluated in this report.

2.0 PHASE II INVESTIGATION

This Phase II investigation included the installation of one shallow groundwater monitoring well and collection and analysis of one groundwater sample. In addition, four surface soil samples were collected, from 0 to 1 foot below land surface (bls). Field activities were undertaken in general conformance with the Project Operations Plan (ABB-ES, 1994a). The groundwater monitoring well was installed to a depth of 14 feet bls. The soil and groundwater samples were analyzed for the full Contract Laboratory Program suite of target compound list organics and target analyte list inorganics. A site plan indicating the location of the monitoring well and surface soil samples is presented on Figure 1. The soil boring log for the groundwater monitoring well is included in Appendix A.

A supplemental field investigation was conducted on February 21, 1997, to delineate the extent of polychlorinated biphenyl (PCB) contamination detected during the initial sampling event. Twenty-eight surface soil samples were collected during the supplemental investigation, and were analyzed on site using immunoassay methods (D TECH PCB soil test Kit; Item #TK-1002-1) capable of detecting PCBs at concentrations of 0.5 parts per million (ppm) or greater. Six additional surface and subsurface samples were collected on May 12, 1997, and April 30, 1998, to further delineate the extent of PCB contamination, and to confirm the results of the immunoassay test kits. Results are discussed in Chapter 3.0.

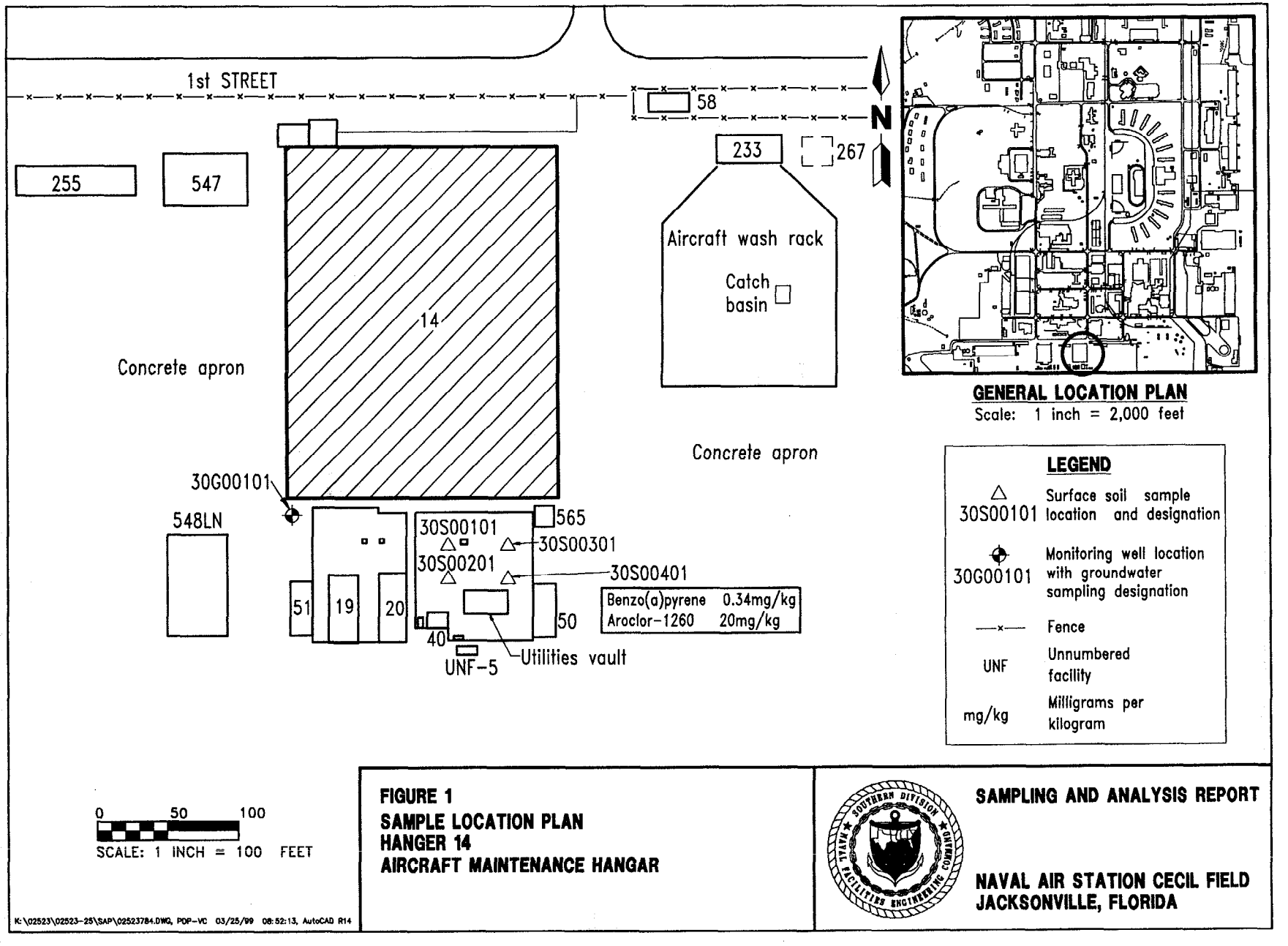

FIGURE 1
SAMPLE LOCATION PLAN
HANGER 14
AIRCRAFT MAINTENANCE HANGAR

SAMPLING AND ANALYSIS REPORT

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

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 soil and groundwater. Primary exposure pathways were evaluated to determine those pathways that potentially contribute to human health 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, 1995a). Site background information and rationale for sample collection and analysis are detailed in the Environmental Baseline Survey Report (ABB-ES, 1994b) and the SAO (ABB-ES, 1995b).

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 is 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 surface soil or groundwater. Risk-based screening values were obtained from USEPA Region III Risk-Based Concentrations (RBCs) (USEPA, 1998) and FDEP Soil and Groundwater Cleanup Target Levels (soil cleanup target levels [SCTLs] and groundwater cleanup target levels [GCTLs]) (FDEP, 1998). Most screening values published in the references listed above are based on toxicity constants and standard human exposure scenarios and correspond to fixed levels of risk. The designated level of risk for noncarcinogenic chemicals is based on a hazard quotient (HQ) of 1. The level of risk for carcinogenic chemicals is based on an excess lifetime cancer risk (ELCR) of 1×10^{-6}. Cancer and noncancer risks associated with industrial and residential land use are estimated by dividing the maximum detected analyte concentration by the corresponding USEPA Region III RBC value at the designated level of risk (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).

3.1.1 Groundwater Two volatile organic compounds, 1 semivolatile organic compound, 1 pesticide, and 12 inorganic analytes were detected in the groundwater sample collected in the study area. Naphthalene was detected at a concentration in excess of the FDEP GCTL, but below their respective RBCs for tap water. No other analytes were detected in excess of screening criteria.

A comparison between concentrations of detected analytes in groundwater and RBCs for tap water and FDEP GCTLs is presented in Appendix A. The cumulative noncancer risk or HI calculated for all detected analytes in the groundwater sample is less than 1. No carcinogenic compounds were detected in excess of screening criteria, therefore no ELCR was calculated.

3.1.2 **Surface Soil** Twenty-one semivolatile organic compounds, twelve pesticides, and nineteen inorganic analytes were detected in surface soil collected in the study area. Benzo(a)pyrene and Aroclor-1260 were detected at concentrations in excess of SCTLs and RBCs in the surface soil sample 30S00401.

A comparison between concentrations of detected analytes, and SCTLs and RBCs for a residential surface soil exposure scenario is presented in Appendix A. The cumulative ELCR calculated for all detected analytes in the surface soil sample is 2×10^{-4}. The cumulative HI calculated for all detected analytes in the surface soil sample is less than 1.

The BCT determined that PCB-contaminated surface soil should be removed from the site to reduce the potential for human exposure. Twenty-eight surface soil samples were analyzed with immunoassay test kits to determine the required extent of surface soil excavation.

Confirmatory samples were collected and analyzed in the laboratory to verify the results of the immunoassay delineation samples. Two surface soil samples were collected for confirmation of extent of the area to be excavated. PCBs were not detected in excess of SCTLs at these sample locations.

Three additional samples were collected from 1 to 2 feet bls in the areas of highest surface soil contamination, in order to determine whether or not PCB-contaminated soil is present below 1 foot bls. Aroclor-1260 was detected at a concentration of 1.1 ppm in sample 30B00301. An additional sample (30B00701) was collected at 2 feet bls, at the same position as sample 30B00301. PCBs were not detected in excess of SCTLs at this sample interval.

Delineation and confirmatory sample locations, and detected concentrations of PCBs, are presented in Appendix C.

3.2 **ECOLOGICAL PRE**. An ecological PRE was conducted to evaluate potential risks to ecological receptors in the vicinity of Hangar 14. Exposure pathways and ecological habitats were characterized during a site walkover conducted by HLA ecological risk assessors in September 1995. The methods and assumptions used in derivation of ecological screening values applied in this evaluation are presented in the Project Operations Plan (ABB-ES, 1994a).

Hangar 14 is located in an industrial area that is subject to frequent jet aircraft traffic, and is surrounded by pavement. Ecological habitat is limited to an isolated area of mowed grass south of the building. Pathways of potential contaminant exposure at Hangar 14 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. No complete exposure pathway to groundwater contaminants was identified for this site. Due to the limited significance of habitat in the area, no further ecological risk evaluation was completed.

4.0 REMEDIAL ACTIVITIES

The horizontal and vertical extent of PCB-contaminated soil south of Hangar 14 was delineated, and a plan to remove contaminated soil within the delineated area was proposed. The BCT discussed and concurred with the proposed plan for soil removal during a meeting on June 4, 1997. The specifications for soil excavation and removal are included in Appendix C.

Contaminated soil was excavated on November 09, 1998, and removed from site. All information related to soil excavation activities, provided by the RAC, a field activity summary checklist, and copies of relevant waste disposal manifests, are also included in Appendix C.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Contaminated soils were detected during site screening activities on the south side of Hangar 14. The horizontal and vertical extent of contaminated soil was delineated and contaminated materials were removed. Additional environmental concerns, related to groundwater contamination south of Hangar 14, have been noted during a regional groundwater study of the flightline area. The area associated with the groundwater contaminants has been designated as Installation Restoration Site 36 and 37. Additional investigation and evaluation is currently in progress.

Although contaminated soil south of Hangar 14 has been excavated and removed, the color classification should remain 5/Yellow to indicate that additional investigation and evaluation is currently in progress.

REFERENCES

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APPENDIX A

SOIL BORING LOG AND PRELIMINARY RISK EVALUATION TABLE

TITLE: NAS Cecil Field BRAC	**LOG of WELL:** CEF-14-1S	**BORING NO.** CEF-14-1S
CLIENT: SOUTHDIVNAVFACENGCOM		**PROJECT NO:** 08520-85
CONTRACTOR: Alliance Environmental, Inc.	**DATE STARTED:** 12-14-95	**COMPLTD:** 12-14-95
METHOD: Auger	**CASE SIZE:** 2 in.	**SCR. INT.:** 3 - 13 ft.	**PROTECTION LEVEL:** D
TOC ELEV.: ft.	**MONITOR INST.:** PID	**TOT DPTH:** 14.0ft.	**DPTH TO ∇** 4.5 ft.
LOGGED BY: R. Holloway	**WELL DEVELOPMENT DATE:** 1-3-96	**SITE:** 30 - 14 Hangar

DEPTH FT.	LABORATORY SAMPLE ID.	SAMPLE	RECOVERY	HEADSPACE (ppm)	SOIL/ROCK DESCRIPTION AND COMMENTS	LITHOLOGIC SYMBOL	SOIL CLASS	BLOWS/6-IN	WELL DATA
				2.7	SILTY SAND (SM): 100%, very dark gray, quartz, fine- to very fine-grained, subrounded to subangular, well sorted.		SM	posthole	
				2.4				posthole	
5				15.9				1,1,1,3	
10									
15									
20									
25									
30									

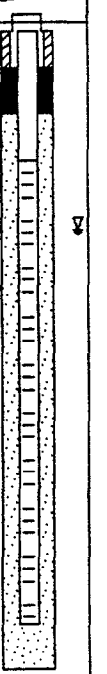

ABB ENVIRONMENTAL SERVICES, INC.

Preliminary Human Health Risk Evaluation Table for Analytes Detected in Surface Soil
Hangar 14, Naval Air Station Cecil Field

Analyte[1]	Samples 30S00101	30S00201	30S00301	30S00401	Screening Values BKGRD	SCTL	RBC(R)		Calculated Risk Values[2] ELCR	HQ
Semivolatile Organic Compounds										
2,4-Dinitrotoluene		1.3				1.3	160	n		
2,6-Dinitrotoluene		0.12				0.9	78	n		
4-Chloroaniline				0.1		190	310	n		
Acenaphthene				0.02		2200	4700	n		
Anthracene				0.05		19000	23000	n		
Benzo (a) anthracene	0.054		0.03	0.33		1.4	0.88	c		
*Benzo (a) pyrene	0.062		0.031	0.34		0.1	0.088	c	4.E-06	
Benzo (b) fluoranthene	0.1		0.048	0.5		1.4	0.88	c		
Benzo (g,h,i) perylene	0.043		0.029	0.2		2300				
Benzo (k) fluoranthene	0.029		0.019	0.22		15	8.8	c		
Butylbenzylphthalate	0.12		0.045	0.16		220	16000	n		
Carbazole				0.049		53	32	c		
Chrysene	0.062		0.037	0.48		140	88	c		
Di-n-butylphthalate	0.089	0.04		0.56		110	7800	n		
Dibenzo (a,h) anthracene				0.048		0.1	0.088	c		
Fluoranthene	0.1		0.055	0.73		2800	3100	n		
Indeno (1,2,3-cd) pyrene	0.043		0.023	0.2		1.5	0.88	c		
N-Nitrosodiphenylamine		0.16				170	130	c		
Phenanthrene	0.03		0.031	0.27		1900				
Pyrene	0.076		0.044	0.65		2200	2300	n		
bis(2-Ethylhexyl) phthalate	0.88		0.18	1.2		75	46	c		
Pesticide/PCBs										
4,4-DDD	0.00064					4.5	2.7	c		
4,4-DDE	0.0023	0.00081				3.2	1.9	c		
4,4-DDT	0.002	0.002	0.0026			3.2	1.9	c		
Aldrin	0.00098	0.00066	0.00024			0.06	0.038	c		
*Aroclor-1260				20		0.6	0.083	c	2.E-04	
Dieldrin	0.00066		0.00037			0.07	0.04	c		
Endosulfan I				0.0039		410	470	n		
Endosulfan II	0.00029					410	470	n		
Endrin	0.00027					21	23	n		
Heptachlor epoxide	0.00071					0.1	0.07	c		
alpha-Chlordane	0.0013		0.00021	0.0025		3	0.49	c		
gamma-Chlordane	0.0012		0.00031	0.0013		3	1.8	c		
Inorganic Analytes										
Aluminum	3680	1700	2340	4940	4432.5	72000	78000	n		
Arsenic				0.87	2.0375	0.8	0.43	c		
Barium	13.7	6.7	6.4	11.4	14.4	105	5500	n		
Cadmium	2.8	0.89	1.3	10.9	1.715	75	39	n		
Calcium	3280	1090	1160	2720	9.44					
Chromium	9.3	2.4	5.5	39.6	7.75	290	390	n		
Cobalt				1.5	3.11	4700	4700	n		
Copper	12	8.2	5.9	36.8	5.965	390	3100	n		
Iron	736	332	733	2040	1486	23000	23000	n		
Lead	47.6	12.8	21.6	166	196.9	500				
Magnesium	144	52.5	87.6	193	328.65					
Manganese	11.1	3.7	5.1	18.4	21.95	1600	1600	n		
Mercury				0.9	0.16	3.7	23	n		
Nickel	1.8	0.89	1.1	4.4	3.89	105	1600	n		
Potassium				49.5	101.8					
Sodium	123	89.9	60.4	58.9	343					
Vanadium	5.3	2.1	5.6	6.4	6.3	15	550	n		
Zinc	39	51.8	26.3	274	36.5	23000	23000	n		
Cyanide			0.15	0.19	1.185	30	7300	n		
General Chemistry										
Total petroleum hydrocarbons	200			260		350				
							Sum=		2.E-04	

Notes:

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

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

* = Background screening criteria or SCTLs have been exceeded

BKGRD = NAS Cecil Field Inorganic Background Data Set

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

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

c = carcinogenic risk

n = non-carcinogenic risk

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

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

Preliminary Human Health Risk Evaluation Table for Analytes Detected in Groundwater
Hangar 14, Naval Air Station Cecil Field

	Samples		Screening Values				Calculated Risk Values[2]	
Analyte[1]	30G00101F	30G00101	BKGRD	GCTL	RBC(T)		ELCR	HQ
Acetone		2		700	3700	n		
Toluene		1		40	750	n		
Naphthalene		34		20	1500	n		0.0
Heptachlor epoxide		0.006		0.2	0.0012	c		
Aluminum	291	1160	13100	200	37000	n		
Barium	9.8	11.1	88.2	2000	2600	n		
Calcium	10900	10800	81100					
Copper		3.8	12.5	1000	1500	n		
Iron	367	545	7760	300	11000	n		
Magnesium	1330	1310	10000					
Manganese	44.1	42.1	96.2	50	840	n		
Potassium	2750	2900	4330					
Sodium	3660	4820	16500	160000				
Vanadium	6.3	7	20.2	49	260	n		
Zinc	3.6	13.7	76.8	5000	11000	n		
Cyanide	0.5		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

NAS CECIL FIELD -- HANGAR 14
SURFACE SOIL -- VOLATILES -- REPORT REQUEST NO. 10862

Lab Sample Number:	C2V84				C2V85				C2V86				C2V87			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	30S00101				30S00201				30S00301				30S00401			
Collect Date:	02-FEB-96				02-FEB-96				02-FEB-96				02-FEB-96			
	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	10	U	ug/kg	10	11	U	ug/kg	11
Bromomethane	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Vinyl chloride	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Chloroethane	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Methylene chloride	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Acetone	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Carbon disulfide	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethene	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1-Dichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethene (total)	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chloroform	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
2-Butanone	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
1,1,1-Trichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Carbon tetrachloride	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Bromodichloromethane	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,2-Dichloropropane	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
cis-1,3-Dichloropropene	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Trichloroethene	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Dibromochloromethane	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2-Trichloroethane	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Benzene	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
trans-1,3-Dichloropropene	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Bromoform	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
4-Methyl-2-pentanone	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
2-Hexanone	11	U	ug/kg	11	10	U	ug/kg	10	10	U	ug/kg	10	11	U	ug/kg	11
Tetrachloroethene	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Toluene	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
1,1,2,2-Tetrachloroethane	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Chlorobenzene	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Ethylbenzene	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Styrene	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/kg	5
Xylenes (total)	6	U	ug/kg	6	5	U	ug/kg	5	5	U	ug/kg	5	5	U	ug/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 -- HANGAR 14
SURFACE SOIL -- SEMIVOLATILES -- REPORT REQUEST NO. 10863

Lab Sample Number:	C2V84				C2V85				C2V86				C2V87			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	30S00101				30S00201				30S00301				30S00401			
Collect Date:	02-FEB-96				02-FEB-96				02-FEB-96				02-FEB-96			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP SEMIVOLATILES 90-SOW																
Phenol	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethyl) ether	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Chlorophenol	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,3-Dichlorobenzene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,4-Dichlorobenzene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,2-Dichlorobenzene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylphenol	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,2-oxybis(1-Chloropropane)	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Methylphenol	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
N-Nitroso-di-n-propylamine	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachloroethane	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Nitrobenzene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Isophorone	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitrophenol	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dimethylphenol	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
bis(2-Chloroethoxy) methane	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dichlorophenol	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
1,2,4-Trichlorobenzene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Naphthalene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloroaniline	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	100	J	ug/kg	350
Hexachlorobutadiene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chloro-3-methylphenol	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Methylnaphthalene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorocyclopentadiene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4,6-Trichlorophenol	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4,5-Trichlorophenol	890	U	ug/kg	890	840	U	ug/kg	840	840	U	ug/kg	840	860	U	ug/kg	860
2-Chloronaphthalene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2-Nitroaniline	890	U	ug/kg	890	840	U	ug/kg	840	840	U	ug/kg	840	860	U	ug/kg	860
Dimethylphthalate	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Acenaphthylene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,6-Dinitrotoluene	370	U	ug/kg	370	120	J	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
3-Nitroaniline	890	U	ug/kg	890	840	U	ug/kg	840	840	U	ug/kg	840	860	U	ug/kg	860
Acenaphthene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	20	J	ug/kg	350
2,4-Dinitrophenol	890	U	ug/kg	890	840	U	ug/kg	840	840	U	ug/kg	840	860	U	ug/kg	860
4-Nitrophenol	890	U	ug/kg	890	840	U	ug/kg	840	840	U	ug/kg	840	860	U	ug/kg	860
Dibenzofuran	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
2,4-Dinitrotoluene	370	U	ug/kg	370	1300		ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
Diethylphthalate	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Chlorophenyl-phenylether	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Fluorene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
4-Nitroaniline	890	U	ug/kg	890	840	U	ug/kg	840	840	U	ug/kg	840	860	U	ug/kg	860
4,6-Dinitro-2-methylphenol	890	U	ug/kg	890	840	U	ug/kg	840	840	U	ug/kg	840	860	U	ug/kg	860
N-Nitrosodiphenylamine	370	U	ug/kg	370	160	J	ug/kg	340	350	U	ug/kg	350	350	U	ug/kg	350
4-Bromophenyl-phenylether	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Hexachlorobenzene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Pentachlorophenol	890	U	ug/kg	890	840	U	ug/kg	840	840	U	ug/kg	840	860	U	ug/kg	860
Phenanthrene	30	J	ug/kg	360	350	U	ug/kg	350	31	J	ug/kg	350	270	J	ug/kg	350
Anthracene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	50	J	ug/kg	350
Carbazole	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	49	J	ug/kg	350
Di-n-butylphthalate	89	J	ug/kg	360	40	J	ug/kg	340	350	U	ug/kg	350	560		ug/kg	350

NAS CECIL FIELD -- HANGAR 14
SURFACE SOIL -- SEMIVOLATILES -- REPORT REQUEST NO. 10863

Lab Sample Number:	C2V84				C2V85				C2V86				C2V87			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	30S00101				30S00201				30S00301				30S00401			
Collect Date:	02-FEB-96				02-FEB-96				02-FEB-96				02-FEB-96			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Fluoranthene	100	J	ug/kg	360	350	U	ug/kg	350	55	J	ug/kg	350	730		ug/kg	350
Pyrene	76	J	ug/kg	360	350	U	ug/kg	350	44	J	ug/kg	350	650		ug/kg	350
Butylbenzylphthalate	120	J	ug/kg	360	350	U	ug/kg	350	45	J	ug/kg	350	160	J	ug/kg	350
3,3-Dichlorobenzidine	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (a) anthracene	54	J	ug/kg	360	350	U	ug/kg	350	30	J	ug/kg	350	330	J	ug/kg	350
Chrysene	62	J	ug/kg	360	350	U	ug/kg	350	37	J	ug/kg	350	480		ug/kg	350
bis(2-Ethylhexyl) phthalate	880		ug/kg	360	350	U	ug/kg	350	180	J	ug/kg	350	1200		ug/kg	350
Di-n-octylphthalate	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	350	U	ug/kg	350
Benzo (b) fluoranthene	100	J	ug/kg	360	350	U	ug/kg	350	48	J	ug/kg	350	500		ug/kg	350
Benzo (k) fluoranthene	29	J	ug/kg	360	350	U	ug/kg	350	19	J	ug/kg	350	220	J	ug/kg	350
Benzo (a) pyrene	62	J	ug/kg	360	350	U	ug/kg	350	31	J	ug/kg	350	340	J	ug/kg	350
Indeno (1,2,3-cd) pyrene	43	J	ug/kg	360	350	U	ug/kg	350	23	J	ug/kg	350	200	J	ug/kg	350
Dibenzo (a,h) anthracene	370	U	ug/kg	370	350	U	ug/kg	350	350	U	ug/kg	350	48	J	ug/kg	350
Benzo (g,h,i) perylene	43	J	ug/kg	360	350	U	ug/kg	350	29	J	ug/kg	350	200	J	ug/kg	350

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

NAS CECIL FIELD -- HANGAR 14
SURFACE SOIL -- PESTICIDES AND PCBs -- REPORT REQUEST NO. 10864

Lab Sample Number:	C2V84				C2V85				C2V86				C2V87			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	30S00101				30S00201				30S00301				30S00401			
Collect Date:	02-FEB-96				02-FEB-96				02-FEB-96				02-FEB-96			
	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	18	U	ug/kg	18
beta-BHC	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	18	U	ug/kg	18
delta-BHC	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	18	U	ug/kg	18
gamma-BHC (Lindane)	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	18	U	ug/kg	18
Heptachlor	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	18	U	ug/kg	18
Aldrin	.98	J	ug/kg	2	.66	J	ug/kg	2	.24	J	ug/kg	2	18	U	ug/kg	18
Heptachlor epoxide	.71	J	ug/kg	2	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	18	U	ug/kg	18
Endosulfan I	1.8	U	ug/kg	1.8	1.7	U	ug/kg	1.7	1.8	U	ug/kg	1.8	3.9	J	ug/kg	18
Dieldrin	.66	J	ug/kg	4	3.5	U	ug/kg	3.5	.37	J	ug/kg	3	36	U	ug/kg	36
4,4-DDE	2.3	J	ug/kg	4	.81	J	ug/kg	3	3.5	U	ug/kg	3.5	36	U	ug/kg	36
Endrin	.27	J	ug/kg	4	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	36	U	ug/kg	36
Endosulfan II	.29	J	ug/kg	4	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	36	U	ug/kg	36
4,4-DDD	.64	J	ug/kg	4	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	36	U	ug/kg	36
Endosulfan sulfate	3.7	U	ug/kg	3.7	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	36	U	ug/kg	36
4,4-DDT	2	J	ug/kg	4	2	J	ug/kg	3	2.6	J	ug/kg	3	36	U	ug/kg	36
Methoxychlor	18	U	ug/kg	18	17	U	ug/kg	17	18	U	ug/kg	18	180	U	ug/kg	180
Endrin ketone	3.7	U	ug/kg	3.7	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	36	U	ug/kg	36
Endrin aldehyde	3.7	U	ug/kg	3.7	3.5	U	ug/kg	3.5	3.5	U	ug/kg	3.5	36	U	ug/kg	36
alpha-Chlordane	1.3	J	ug/kg	2	1.7	U	ug/kg	1.7	.21	J	ug/kg	2	2.5	J	ug/kg	18
gamma-Chlordane	1.2	J	ug/kg	2	1.7	U	ug/kg	1.7	.31	J	ug/kg	2	1.3	J	ug/kg	18
Toxaphene	180	U	ug/kg	180	170	U	ug/kg	170	180	U	ug/kg	180	1800	U	ug/kg	1800
Aroclor-1016	37	U	ug/kg	37	35	U	ug/kg	35	35	U	ug/kg	35	360	U	ug/kg	360
Aroclor-1221	74	U	ug/kg	74	70	U	ug/kg	70	70	U	ug/kg	70	710	U	ug/kg	710
Aroclor-1232	37	U	ug/kg	37	35	U	ug/kg	35	35	U	ug/kg	35	360	U	ug/kg	360
Aroclor-1242	37	U	ug/kg	37	35	U	ug/kg	35	35	U	ug/kg	35	360	U	ug/kg	360
Aroclor-1248	37	U	ug/kg	37	35	U	ug/kg	35	35	U	ug/kg	35	360	U	ug/kg	360
Aroclor-1254	37	U	ug/kg	37	35	U	ug/kg	35	35	U	ug/kg	35	360	U	ug/kg	360
Aroclor-1260	37	U	ug/kg	37	35	U	ug/kg	35	35	U	ug/kg	35	15000	J	ug/kg	350

U = NOT DETECTED J = ESTIMATED VALUE
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NAS CECIL FIELD -- HANGAR 14
SURFACE SOIL -- PCBs -- REPORT REQUEST NO. 10867

Lab Sample Number:	JR82784				JR82785				JR82781			
Site	BRAC				BRAC				BRAC			
Locator	30S00501				30S00501D				30S00601			
Collect Date:	05-DEC-97				05-DEC-97				05-DEC-97			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
BRAC PCBS												
Aroclor-1221	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19
Aroclor-1232	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19
Aroclor-1248	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19
Aroclor-1254	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19
Aroclor-1260	360		ug/kg	19	530		ug/kg	190	320		ug/kg	19
Aroclor-1016/1242	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19

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R = RESULT IS REJECTED AND UNUSABLE

NAS CECIL FIELD -- HANGAR 14
SURFACE SOIL -- INORGANICS -- REPORT REQUEST NO. 10865

Lab Sample Number:	C2V84				C2V85				C2V86				C2V87			
Site	CECILBRAC2				CECILBRAC2				CECILBRAC2				CECILBRAC2			
Locator	30S00101				30S00201				30S00301				30S00401			
Collect Date:	02-FEB-96				02-FEB-96				02-FEB-96				02-FEB-96			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE																
Aluminum	3680		mg/kg	40	1700		mg/kg	40	2340		mg/kg	40	4940		mg/kg	40
Antimony	12	U	mg/kg	12	12	U	mg/kg	12	12	U	mg/kg	12	12	U	mg/kg	12
Arsenic	2	U	mg/kg	2	2	U	mg/kg	2	2	U	mg/kg	2	.87	J	mg/kg	2
Barium	13.7	J	mg/kg	40	6.7	J	mg/kg	40	6.4	J	mg/kg	40	11.4	J	mg/kg	40
Beryllium	1	U	mg/kg	1	1	U	mg/kg	1	1	U	mg/kg	1	1	U	mg/kg	1
Cadmium	2.8		mg/kg	1	.89	J	mg/kg	1	1.3		mg/kg	1	10.9		mg/kg	1
Calcium	3280	J	mg/kg	1000	1090	J	mg/kg	1000	1160	J	mg/kg	1000	2720	J	mg/kg	1000
Chromium	9.3		mg/kg	2	2.4		mg/kg	2	5.5		mg/kg	2	39.6		mg/kg	2
Cobalt	10	U	mg/kg	10	10	U	mg/kg	10	10	U	mg/kg	10	1.5	J	mg/kg	10
Copper	12		mg/kg	5	8.2		mg/kg	5	5.9		mg/kg	5	36.8		mg/kg	5
Iron	736		mg/kg	20	332		mg/kg	20	733		mg/kg	20	2040		mg/kg	20
Lead	47.6		mg/kg	.6	12.8		mg/kg	.6	21.6		mg/kg	.6	166		mg/kg	.6
Magnesium	144	J	mg/kg	1000	52.5	J	mg/kg	1000	87.6	J	mg/kg	1000	193	J	mg/kg	1000
Manganese	11.1		mg/kg	3	3.7		mg/kg	3	5.1		mg/kg	3	18.4		mg/kg	3
Mercury	.1	U	mg/kg	.1	.1	U	mg/kg	.1	.1	U	mg/kg	.1	.9		mg/kg	.1
Nickel	1.8	J	mg/kg	8	.89	J	mg/kg	8	1.1	J	mg/kg	8	4.4	J	mg/kg	8
Potassium	1000	U	mg/kg	1000	1000	U	mg/kg	1000	1000	U	mg/kg	1000	49.5	J	mg/kg	1000
Selenium	1	U	mg/kg	1	1	U	mg/kg	1	1	U	mg/kg	1	1	U	mg/kg	1
Silver	2	U	mg/kg	2	2	U	mg/kg	2	2	U	mg/kg	2	2	U	mg/kg	2
Sodium	123	J	mg/kg	1000	89.9	J	mg/kg	1000	60.4	J	mg/kg	1000	58.9	J	mg/kg	1000
Thallium	2	U	mg/kg	2	2	U	mg/kg	2	2	U	mg/kg	2	2	U	mg/kg	2
Vanadium	5.3	J	mg/kg	10	2.1	J	mg/kg	10	5.6	J	mg/kg	10	6.4	J	mg/kg	10
Zinc	39	J	mg/kg	4	51.8	J	mg/kg	4	26.3	J	mg/kg	4	274	J	mg/kg	4
Cyanide	.5	U	mg/kg	.5	.5	U	mg/kg	.5	.15	J	mg/kg	.5	.19	J	mg/kg	.5

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R = RESULT IS REJECTED AND UNUSABLE

NAS CECIL FIELD -- HANGAR 14
SURFACE SOIL -- TPH -- REPORT REQUEST NO. 10866

Lab Sample Number:	A6B0301100			A6B0301100			A6B0301100			A6B0301100		
Site	CECILBRAC2			CECILBRAC2			CECILBRAC2			CECILBRAC2		
Locator	30S00101			30S00201			30S00301			30S00401		
Collect Date:	02-FEB-96			02-FEB-96			02-FEB-96			02-FEB-96		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TPH												
Total petroleum hydrocarbons	200	mg/kg	11	11 U	mg/kg	11	11 U	mg/kg	11	260	mg/kg	21

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

NAS CECIL FIELD -- HANGAR 14
SUBSURFACE SOIL -- PCBs -- REPORT REQUEST NO. 10868

Lab Sample Number:	JR82783				JR82782				JR82786				JR119013			
Site	BRAC				BRAC				BRAC				BRAC			
Locator	30B00101				30B00201				30B00301				30B00701			
Collect Date:	05-DEC-97				05-DEC-97				05-DEC-97				30-APR-98			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
BRAC PCBS																
Aroclor-1221	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19
Aroclor-1232	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19
Aroclor-1248	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19
Aroclor-1254	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19
Aroclor-1260	91		ug/kg	19	180		ug/kg	19	1100		ug/kg	190	560		ug/kg	19
Aroclor-1016/1242	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19	19	U	ug/kg	19

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

Lab Sample Number:		C31D6		
Site		CECILBRAC2		
Locator		30G00101		
Collect Date:		15-FEB-96		
	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW				
Chloromethane	2	U	ug/l	2
Bromomethane	2	U	ug/l	2
Vinyl chloride	2	U	ug/l	2
Chloroethane	2	U	ug/l	2
Methylene chloride	1	U	ug/l	1
Acetone	2		ug/l	2
Carbon disulfide	1	U	ug/l	1
1,1-Dichloroethene	1	U	ug/l	1
1,1-Dichloroethane	1	U	ug/l	1
1,2-Dichloroethene (total)	1	U	ug/l	1
Chloroform	1	U	ug/l	1
1,2-Dichloroethane	1	U	ug/l	1
2-Butanone	2	U	ug/l	2
1,1,1-Trichloroethane	1	U	ug/l	1
Carbon tetrachloride	1	U	ug/l	1
Bromodichloromethane	1	U	ug/l	1
1,2-Dichloropropane	1	U	ug/l	1
cis-1,3-Dichloropropene	1	U	ug/l	1
Trichloroethene	1	U	ug/l	1
Dibromochloromethane	1	U	ug/l	1
1,1,2-Trichloroethane	1	U	ug/l	1
Benzene	1	U	ug/l	1
trans-1,3-Dichloropropene	1	U	ug/l	1
Bromoform	1	U	ug/l	1
4-Methyl-2-pentanone	2	U	ug/l	2
2-Hexanone	2	U	ug/l	2
Tetrachloroethene	1	U	ug/l	1
Toluene	1		ug/l	2
1,1,2,2-Tetrachloroethane	1	U	ug/l	1
Chlorobenzene	1	U	ug/l	1
Ethylbenzene	1	U	ug/l	1
Styrene	1	U	ug/l	1
Xylenes (total)	1	U	ug/l	1
CLP SEMIVOLATILES 90-SOW				
Phenol	10	U	ug/l	10
bis(2-Chloroethyl) ether	10	U	ug/l	10
2-Chlorophenol	10	U	ug/l	10
1,3-Dichlorobenzene	10	U	ug/l	10
1,4-Dichlorobenzene	10	U	ug/l	10
1,2-Dichlorobenzene	10	U	ug/l	10
2-Methylphenol	10	U	ug/l	10
2,2-oxybis(1-Chloropropane)	10	U	ug/l	10
4-Methylphenol	10	U	ug/l	10
N-Nitroso-di-n-propylamine	10	U	ug/l	10
Hexachloroethane	10	U	ug/l	10
Nitrobenzene	10	U	ug/l	10
Isophorone	10	U	ug/l	10
2-Nitrophenol	10	U	ug/l	10
2,4-Dimethylphenol	10	U	ug/l	10

NAS CECIL FIELD -- HANGAR 14
GROUNDWATER -- ANALYTICAL DATA -- REPORT REQUEST NO. 10869

Lab Sample Number:		C31D6		
Site		CECILBRAC2		
Locator		30G00101		
Collect Date:		15-FEB-96		
	VALUE	QUAL	UNITS	DL
bis(2-Chloroethoxy) methane	10	U	ug/l	10
2,4-Dichlorophenol	10	U	ug/l	10
1,2,4-Trichlorobenzene	10	U	ug/l	10
Naphthalene	34		ug/l	10
4-Chloroaniline	10	U	ug/l	10
Hexachlorobutadiene	10	U	ug/l	10
4-Chloro-3-methylphenol	10	U	ug/l	10
2-Methylnaphthalene	10	U	ug/l	10
Hexachlorocyclopentadiene	10	U	ug/l	10
2,4,6-Trichlorophenol	10	U	ug/l	10
2,4,5-Trichlorophenol	25	U	ug/l	25
2-Chloronaphthalene	10	U	ug/l	10
2-Nitroaniline	25	U	ug/l	25
Dimethylphthalate	10	U	ug/l	10
Acenaphthylene	10	U	ug/l	10
2,6-Dinitrotoluene	10	U	ug/l	10
3-Nitroaniline	25	U	ug/l	25
Acenaphthene	10	U	ug/l	10
2,4-Dinitrophenol	25	U	ug/l	25
4-Nitrophenol	25	U	ug/l	25
Dibenzofuran	10	U	ug/l	10
2,4-Dinitrotoluene	10	U	ug/l	10
Diethylphthalate	10	U	ug/l	10
4-Chlorophenyl-phenylether	10	U	ug/l	10
Fluorene	10	U	ug/l	10
4-Nitroaniline	25	U	ug/l	25
4,6-Dinitro-2-methylphenol	25	U	ug/l	25
N-Nitrosodiphenylamine	10	U	ug/l	10
4-Bromophenyl-phenylether	10	U	ug/l	10
Hexachlorobenzene	10	U	ug/l	10
Pentachlorophenol	25	U	ug/l	25
Phenanthrene	10	U	ug/l	10
Anthracene	10	U	ug/l	10
Carbazole	10	U	ug/l	10
Di-n-butylphthalate	10	U	ug/l	10
Fluoranthene	10	U	ug/l	10
Pyrene	10	U	ug/l	10
Butylbenzylphthalate	10	U	ug/l	10
3,3-Dichlorobenzidine	10	U	ug/l	10
Benzo (a) anthracene	10	U	ug/l	10
Chrysene	10	U	ug/l	10
bis(2-Ethylhexyl) phthalate	10	U	ug/l	10
Di-n-octylphthalate	10	U	ug/l	10
Benzo (b) fluoranthene	10	U	ug/l	10
Benzo (k) fluoranthene	10	U	ug/l	10
Benzo (a) pyrene	10	U	ug/l	10
Indeno (1,2,3-cd) pyrene	10	U	ug/l	10
Dibenzo (a,h) anthracene	10	U	ug/l	10
Benzo (g,h,i) perylene	10	U	ug/l	10
CLP PESTICIDES/PCBS 90-SOW				
alpha-BHC	.05	U	ug/l	.05

NAS CECIL FIELD -- HANGAR 14
GROUNDWATER -- ANALYTICAL DATA -- REPORT REQUEST NO. 10869

Lab Sample Number:	C31D6
Site	CECILBRAC2
Locator	30G00101
Collect Date:	15-FEB-96

	VALUE	QUAL	UNITS	DL
beta-BHC	.05	U	ug/l	.05
delta-BHC	.05	U	ug/l	.05
gamma-BHC (Lindane)	.05	U	ug/l	.05
Heptachlor	.05	U	ug/l	.05
Aldrin	.05	U	ug/l	.05
Heptachlor epoxide	.006	J	ug/l	.05
Endosulfan I	.05	U	ug/l	.05
Dieldrin	.1	U	ug/l	.1
4,4-DDE	.1	U	ug/l	.1
Endrin	.1	U	ug/l	.1
Endosulfan II	.1	U	ug/l	.1
4,4-DDD	.1	U	ug/l	.1
Endosulfan sulfate	.1	U	ug/l	.1
4,4-DDT	.1	U	ug/l	.1
Methoxychlor	.5	U	ug/l	.5
Endrin ketone	.1	U	ug/l	.1
Endrin aldehyde	.1	U	ug/l	.1
alpha-Chlordane	.05	U	ug/l	.05
gamma-Chlordane	.05	U	ug/l	.05
Toxaphene	5	U	ug/l	5
Aroclor-1016	1	U	ug/l	1
Aroclor-1221	2	U	ug/l	2
Aroclor-1232	1	U	ug/l	1
Aroclor-1242	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

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

NAS CECIL FIELD -- HANGAR 14
GROUNDWATER -- ANALYTICAL DATA -- REPORT REQUEST NO. 10870

Lab Sample Number:	C31D6				C31D6F			
Site	CECILBRAC2				CECILBRAC2			
Locator	30G00101				30G00101F			
Collect Date:	15-FEB-96				15-FEB-96			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP METALS AND CYANIDE								
Aluminum	1160	J	ug/l	40	291		ug/l	40
Antimony	2	U	ug/l	12	2	U	ug/l	12
Arsenic	3	U	ug/l	2	3	U	ug/l	2
Barium	11.1	J	ug/l	40	9.8	J	ug/l	40
Beryllium	1	U	ug/l	1	1	U	ug/l	1
Cadmium	1	U	ug/l	1	1	U	ug/l	1
Calcium	10800		ug/l	1000	10900		ug/l	1000
Chromium	2	U	ug/l	2	2	U	ug/l	2
Cobalt	2	U	ug/l	10	2	U	ug/l	10
Copper	3.8	J	ug/l	5	2	U	ug/l	5
Iron	545	N	ug/l	20	367		ug/l	20
Lead	2	U	ug/l	.6	2	U	ug/l	.6
Magnesium	1310	J	ug/l	1000	1330	J	ug/l	1000
Manganese	42.1		ug/l	3	44.1		ug/l	3
Mercury	.2	U	ug/l	.1	.2	U	ug/l	.1
Nickel	2	U	ug/l	8	2	U	ug/l	8
Potassium	2900	J	ug/l	1000	2750	J	ug/l	1000
Selenium	3	U	ug/l	1	3	U	ug/l	1
Silver	1	U	ug/l	2	1	U	ug/l	2
Sodium	4820	J	ug/l	1000	3660	J	ug/l	1000
Thallium	4	U	ug/l	2	4	U	ug/l	2
Vanadium	7	J	ug/l	10	6.3	J	ug/l	10
Zinc	13.7	J	ug/l	4	3.6	J	ug/l	4
Cyanide	2	UJ	ug/l	.5	.5		ug/l	.5

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

NAS CECIL FIELD -- HANGAR 14
GROUNDWATER -- ANALYTICAL DATA -- REPORT REQUEST NO. 10872

Lab Sample Number:	A6B1601240
Site	CECILBRAC2
Locator	30G00101
Collect Date:	15-FEB-96

	VALUE	QUAL	UNITS	DL
TPH				
Total petroleum hydrocarbons	.5	U	mg/l	.5

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

APPENDIX C

REMEDIAL ACTIVITIES INFORMATION

Naval Air Station Cecil Field
Dig and Haul Check List

General Information

1. Date of excavation:	9-Nov-98	5. Facility Number:	14
2. Facility Name:	Hangar 14	6. Facility Address:	NAS Cecil Field
3. Telephone Number:	(904) 778-5620	7. Contact Name:	David Kruzicki
4. Excavation Contractor:	Bechtel Environmental Inc.		

Site Specific Information

8. Contaminants of Concern	PCBs		
9. Quantity Excavated (cy)	14	15. Is it a petroleum site (Y/N)?	N
10. Excavation Limits (LxWxD)	See figure in SAR	16. Depth of excavation (feet)	2
11. Highest OVA Reading	N/A	17. Were any wells destroyed (Y/N)?	N
12. Depth to Water (feet)	N/A	18. Level of Protection?	Level D
13. Samples previously collected for laboratory analysis:	See SAR	19. Were samples sent for laboratory analysis during excavation (Y/N)?	N
14. Equipment used	Backhoe	20. Miscellaneous Information	None

Miscellaneous

21. Disposal Information	a. Broadhurst Landfill, Jesup, GA
	b. Manifest attached.
22. Remarks	

NAS CECIL FIELD
DIG & HAUL CHECK LIST

Site: HANGAR 14 Date: 8/31/98 - 9/2/98

Personnel: BECHTEL ENVIRONMENTAL

Contaminant(s) of Concern: PER ATTACHED DRAWING

Quantity Excavated: PER ATTACH. cy

Excavation Limits: Draw a schematic of excavation limits on the back of this sheet. Reference the location of the excavation to the nearest building or landmark. Indicate depth of excavation.

Disposal: BROADHURST LANDFILL, JESUP, GA.

Remarks:

Hangar 14

Site Background

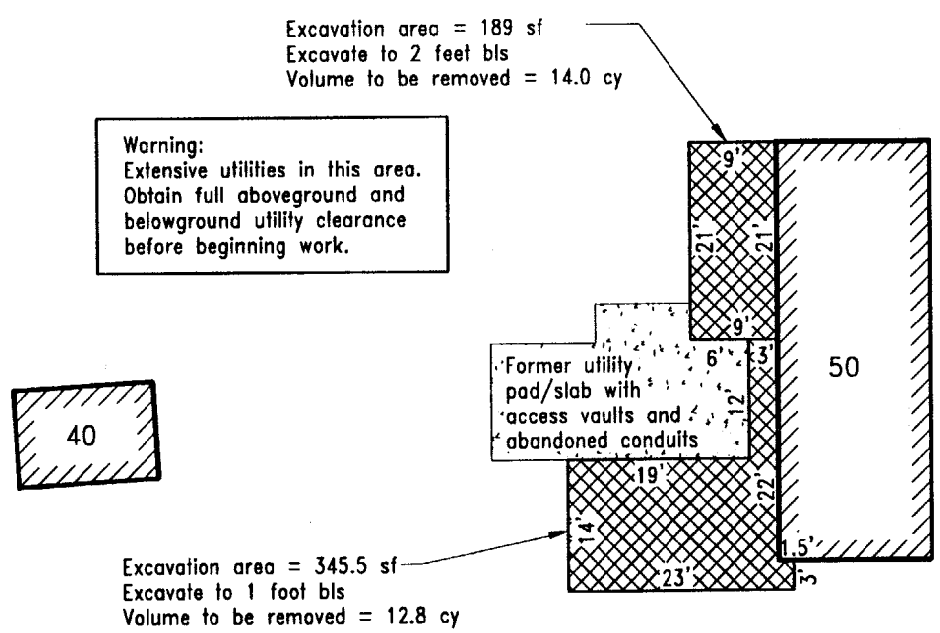
Polychlorinated biphenyls (PCBs) were detected at concentrations in excess of the residential soil cleanup goal (0.9 mg/kg) in surface soil samples collected in the area to be excavated. The PCB release may be related to oil-filled electrical equipment formerly located in the area. Analytical results were reviewed by the BCT (June 1997), and a decision was made to delineate the extent of contaminated surface soil. Additional site background information may be obtained through reference to the Sampling and Analysis Outline for Building 14 (ABB-ES, April 1995) and the Environmental Baseline Survey (ABB-ES, November 1994).

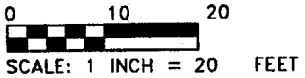
Guidance Notes:

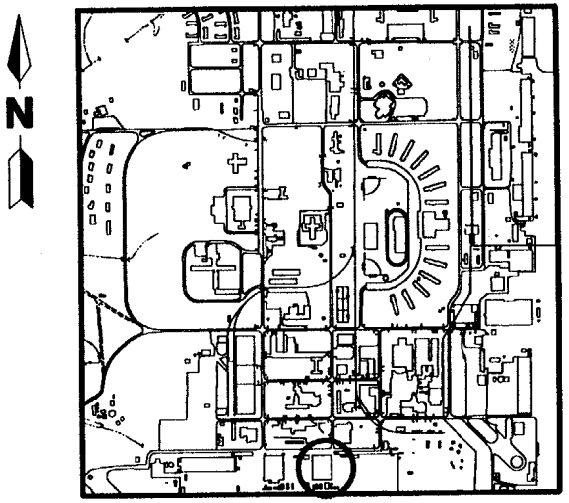
1. This information is provided for general guidance purposes only. The actual extent of the excavation will be defined by HLA with white spray-down paint (or equivalent), prior to the execution of the removal action.
2. The schedule and methods of excavation will be determined by the RAC.
3. All aspects of work-site health and safety will be the responsibility of the RAC.
4. Verification and avoidance of all aboveground and underground utilities or other manmade structures will be the responsibility of the RAC.
5. Except where necessary for avoidance of structures or utilities, or where otherwise specified by HLA, the depth of the excavation should extend to 1' below ground surface. If observations indicate contaminants may extend beyond the planned lateral or vertical limits of the excavation, the RAC should notify HLA.
6. Excavated soil should be stockpiled on, and covered with, heavy duty polyethylene sheeting at the site. This should be done in such a manner as to avoid the potential for contaminating surrounding soil or surface water. Alternatively, soils may be stockpiled in properly covered rolloff bins.
7. The BCT may approve stockpiling of materials from different sites, provided that similar types and concentrations of contaminants are involved, and contaminants were generated by similar processes.
8. Waste characterization, transport (both on and off site), and disposal of all excavated soils will be completed by the RAC.
9. Materials used to backfill the excavations should be from an uncontaminated source, and should be capable of supporting the same type of vegetation as the soils removed. Except where otherwise approved by the installation manager, the ground surface should be restored to a similar, or better condition, than that which existed prior to excavation.

Summary of Analyses for Delineation of PCBs in Surface Soil
Building 14, Naval Air Station Cecil Field

Sample Number	Analyte Detected	Concentration (mg/kg)	Sample Interval (feet bls)
S5	Total PCBs (by immuno-assay)	<4	0-1
S6	Total PCBs (by immuno-assay)	<.5	0-1
S7	Total PCBs (by immuno-assay)	<.5	0-1
S8	Total PCBs (by immuno-assay)	<1	0-1
S9	Total PCBs (by immuno-assay)	<4	0-1
S10	Total PCBs (by immuno-assay)	<15	0-1
S11	Total PCBs (by immuno-assay)	<.5	0-1
S12	Total PCBs (by immuno-assay)	<4	0-1
S13	Total PCBs (by immuno-assay)	<4	0-1
S14	Total PCBs (by immuno-assay)	<4	0-1
S15	Total PCBs (by immuno-assay)	<.5	0-1
S16	Total PCBs (by immuno-assay)	<4	0-1
S17	Total PCBs (by immuno-assay)	<4	0-1
S18	Total PCBs (by immuno-assay)	<1	0-1
S19	Total PCBs (by immuno-assay)	<1	0-1
S20	Total PCBs (by immuno-assay)	<4	0-1
S21	Total PCBs (by immuno-assay)	<4	0-1
S22	Total PCBs (by immuno-assay)	<4	0-1
S23	Total PCBs (by immuno-assay)	<1	0-1
S24	Total PCBs (by immuno-assay)	<.5	0-1
S25	Total PCBs (by immuno-assay)	<1	0-1
S26	Total PCBs (by immuno-assay)	<15	0-1
S27	Total PCBs (by immuno-assay)	<4	0-1
S28	Total PCBs (by immuno-assay)	<.5	0-1
S29	Total PCBs (by immuno-assay)	<.5	0-1
S30	Total PCBs (by immuno-assay)	<.5	0-1
S31	Total PCBs (by immuno-assay)	<.5	0-1
30B00101	Aroclor-1260	0.091	1-2
30B00201	Aroclor-1260	0.18	1-2
30B00301	Aroclor-1260	1.1	1-2
30B00701	Aroclor-1260	0.56	2
30S00501	Aroclor-1260	0.36	0-1
30S00501D	Aroclor-1260	0.53	0-1
30S00601	Aroclor-1260	0.32	0-1







GENERAL LOCATION PLAN
Scale: 1 inch = 2,000 feet

NOTES:

1. WARNING: Obtain utility clearance before excavating.
2. Extent of excavation to be marked by Harding Lawson Associates.
3. Contaminants of concern are polychlorinated biphenyls.
4. Waste characterization, transport, and disposal of all excavated soil is the responsibility of the remedial action contractor.
5. Return site to preexcavation conditions.

LEGEND

	Area to be excavated
sf	Square feet
cy	Cubic yards
bls	Below land surface

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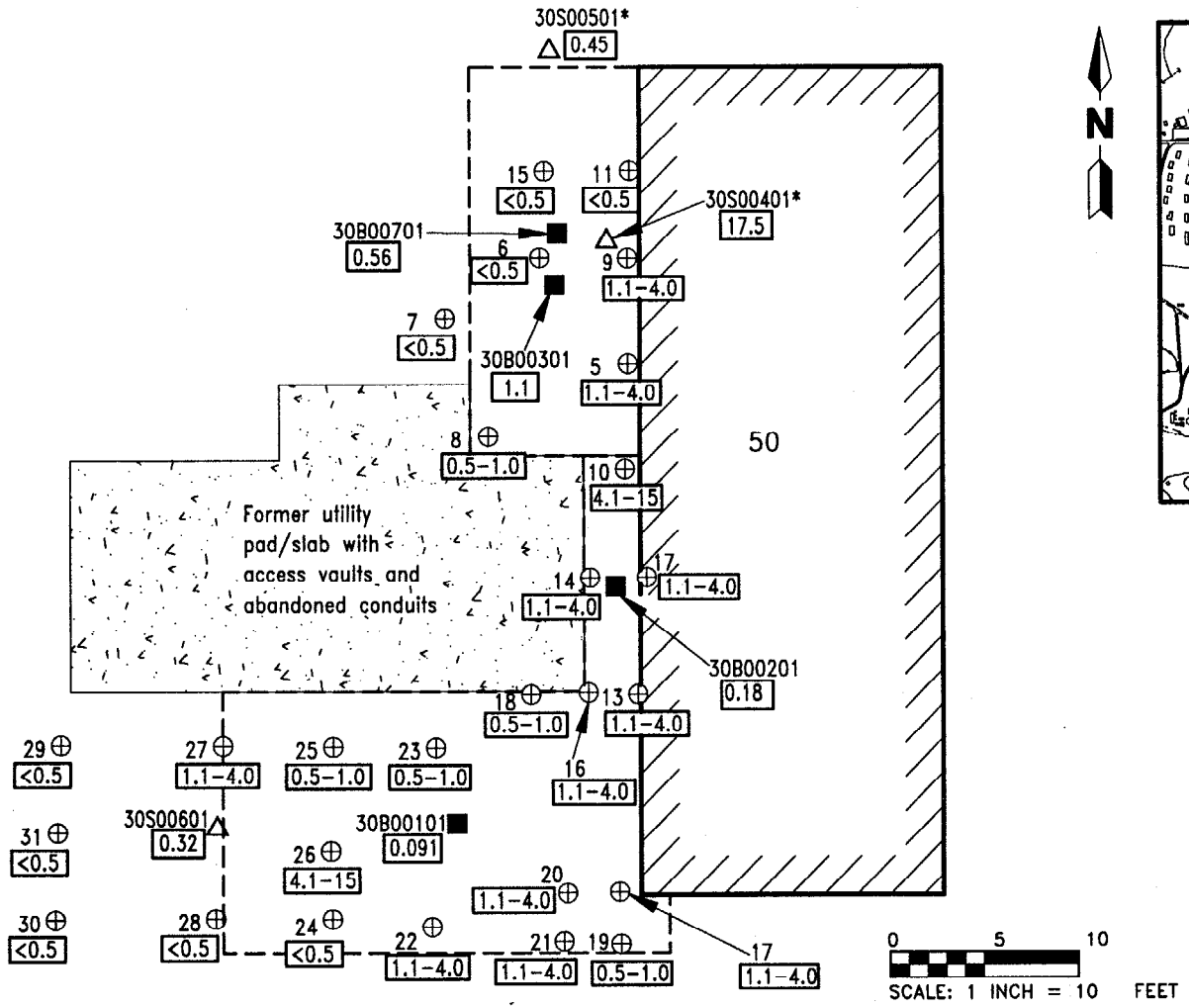
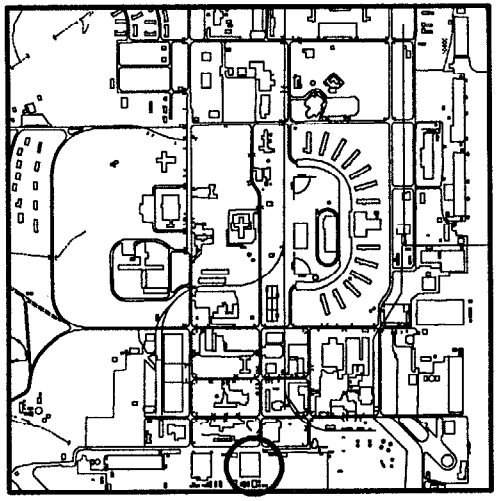
FIGURE B-1

HANGAR 14

SAMPLING AND ANALYSIS REPORT

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA





GENERAL LOCATION PLAN
Scale: 1 inch = 2,000 feet

LEGEND

7 ⊕	PCB Immunoassay sample location and designation
30S00601 △	Surface soil sample location and designation
30B00101 ■	Subsurface soil sample location and designation
<0.5	PCB concentration
— — —	Proposed area of excavation
PCB	Polychlorinated biphenyls
*	Average of sample and its duplicate

NOTES:

1. All concentrations are in milligrams per kilogram.
2. Contaminants of concern are polychlorinated biphenyls.
3. Concentrations shown are for Aroclor-1260.
4. Residential cleanup goal for PCBs is 0.9 milligrams per kilogram.

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FIGURE 1-1A
HANGAR 14
PCB DELINEATION SAMPLE RESULTS

SAMPLING AND ANALYSIS REPORT AND CLOSURE

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

February 4, 1999

Mr. Eric Blomberg
Harding Lawson and Associates
2590 Executive Center Circle, East
Berkeley Building
Tallahassee, FL 32301

SUBJECT: Bechtel Job No. 22567
Department of the Navy Contract No. N62467-93-D-0936
DO #0043 WASTE MANIFESTS FOR GRAY SITES
NAS CECIL FIELD, FLORIDA
Subject Code: 1570

Dear Mr. Blomberg;

Enclosed per your conversation with Stan Moore, please find copies of the Non-Hazardous Waste Manifests which were generated for the Gray Sites Project at NAS Cecil Field.

If you have any comments or need further information, please feel free to contact Stan Moore at (904) 779-8900.

Sincerely,

M Stanley Moore
for V. Hermann Bauer
Project Manager

VHB/let
Encl.: As Stated.

BECHTEL ENVIRONMENTAL, INC.
Quarters E, G Avenue - P.O. Box 171
Jacksonville, Florida 32215
tel (904) 779-8900
fax (904) 779-8999

NAS CECIL FIELD
DIG & HAUL CHECK LIST

Site: NAS CECIL FIELD **Date:** _____

Personnel: BECHTEL

Contaminant(s) of Concern: N/A

Quantity Excavated: N/A cy

Excavation Limits: Draw a schematic of excavation limits on the back of this sheet. Reference the location of the excavation to the nearest building or landmark. Indicate depth of excavation.

Disposal: BROADHURST LANDFILL, JESUP GA.

Remarks: TOTAL WEIGHT OF DIRT EXCAVATED AND HAULED TO LANDFILL; 280.03 TONS

Included with this message are copies of manifests used to ship non-regulated soil to Broadhurst Landfill in Jesup, Ga.. We are unable to tie manifests directly to site from which the soil was excavated due to some roll off boxes contained soil from more than one site. Also, boxes were not necessarily transported chronologically with respect to date of excavation. The circled figure on the manifests are total tons disposed of for each manifest. Total tons disposed of from project is 280.03 as reported previously.

Bechtel Environmental

NON-HAZARDOUS WASTE MANIFEST

393

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: FL5170022474

Manifest Document No.: 18194

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Jacksonville, FL 32210

Mail to: Public Works Center
Code 300
NAS Jacksonville
Jacksonville, FL 32212
ATTN MITCH McPherson

4. Generator's Phone: 904 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number:

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

WASTE DESCRIPTION	Container No.	Total Quantity	Unit Wt./Vol.
Non Regulated Waste, Solid (Soil)		22	
		8.18	
Pr Solid 108		1.83	

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above: a)D81

I. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hr Emergency #: (412) 486-0871 after hrs: (412)427-4648 or 4629.

Send completed Copy to Address listed at Part 7 (above)

J. [illegible]

Printed/Typed Name	Signature	Date (Month Day Year)
Mitchell B. McPherson	[signature]	10 22 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
John A Patterson	[signature]	10 22 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Broadhurst Environmental, Inc.

Printed/Typed Name: [illegible] Signature: [illegible] Date (Month Day Year): 10 22 98

TRANSPORTER

DESIGNATED FACILITY

INDUSTRIAL NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: F L 5 1 7 0 0 2 2 4 7 4

Manifest Document No. 18195

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Jacksonville, FL 32210

Mail To: Public Works Center
Code 300
NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone: 904 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA permit#: 151014D

F. Facility's Phone: 912/530-7050

11. Waste Description | Containers | Total Quantity | Unit Wt./Vol.

a. Non Regulated Waste, Solid (Soil)

b. 13.66

c. 87320

d. Order # 11081

12. Additional Descriptions for Materials Listed Above

13. Handling Codes for Wastes Listed Above
a)D81

14. Special Handling Instructions and Additional Information: AES, Inc. is this facilities waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210, Allison Park, PA 15101. ~~XXXXX~~ 24Hr Emergency Number: (412)486-0871 After Hrs: (412)427-4649 or 1629.

Send completed copy to Adrian Lisiewski [illegible]

15. GENERATOR'S CERTIFICATION: [illegible]

Printed/Typed Name: MITCHELL B McPherson | Signature: [illegible] | Date: Month 10 Day 22 Year 98

TRANSPORTER

16. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: John A Patterson | Signature: John A Patterson | Date: Month 10 Day 22 Year 98

17. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

18. Discrepancy Indication Space

FACILITY

19. Owner or Operator: Certification of receipt of the waste materials covered by the manifest, except as noted in Item 19

Broadhurst Environmental Ltd. | Date

Printed/Typed Name: [illegible] | Signature: [illegible] | Date: Month 10 Day 23 Year 98

NON-HAZARDOUS WASTE MANIFEST

393

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: FL5170022474

Manifest Document No.: 18196

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Jacksonville, FL 32210

Mail To: Public Works Center
Code 300
NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone: 904/ 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: 904/ 731-2456

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number:

E. State Facility's ID: GA permit#: 151014D

F. Facility's Phone: 912/530-7050

11. Waste Description	Containers No.	Containers Type	Total Quantity	Unit Wt/Vol
* Non-Regulated Waste, Solid (Soil)			22 Yds	
			13.41	
Profile # 11081			30820	

12. Additional Descriptions for Materials Listed Above

G. Handling Codes for Wastes Listed Above: a. D81

14. Special Handling Instructions and Additional Information: A.E.S. is this facilities waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210, Allison Park, PA 15101. 24 HR Emergency Number: 412/486-0871 after hrs: 412/427-4649 or 4629.

Send completed copy to Alvin [illegible] as Mail To (Area)

15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this shipment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; or, if I am a small quantity generator, I certify that I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Mitchell B McPherson
Signature: [signature]
Date: Month 10 Day 22 Year 98

16. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: John A Patterson
Signature: John A Patterson
Date: Month 10 Day 22 Year 98

17. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Date: Month Day Year

18. Discrepancy Indication Space

19. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in Item 18

Broadhurst Environmental
Signature: [illegible]
Date: Month Day Year 10 22 98

NON-HAZARDOUS WASTE

TRANSPORTER COPY

Form 8700-22 (Rev. 9-88) Previous editions are obsolete. American Labelmark Co. Chicago, IL 60648 (312) 763-5808

NON-HAZARDOUS WASTE MANIFEST

393 18202

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL5170022474

Manifest Document No. ~~18197~~ 18197 2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.

Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461 AHN MITCH McPherson

5. Transporter 1 Company Name: Southland Environmental Services
6. US EPA ID Number
A. State Transporter's ID
B. Transporter 1 Phone (904)731-2456

7. Transporter 2 Company Name
8. US EPA ID Number
C. State Transporter's ID
D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number
E. State Facility's ID: GA Permit# 151014D
F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Container No.	Total Quantity	Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)		18.33	
b.			
c.			
d.			

F. Additional Descriptions for Materials Listed Above: Approval #11031

G. Handling Codes for Wastes Listed Above: a) D81

H. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.
Send Completed Copy to Address in Block 3

15. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
Mitchell B. McPherson	[signature]	11 2 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: John A Patterson	Signature: [signature]	11 2 98

18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.
Broadhurst Environmental, Inc.

Printed/Typed Name	Signature	Date (Month Day Year)
Carlene Lambeth	Carlene Lambeth	11 2 98

PRINTED ON RECYCLED PAPER USING SOYBEAN INK

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: FL5170022474

Manifest Document No.: 18207

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.

Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461 Attn Mitch McPherson

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number:

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION

	Containers No.	Type	Total Quantity	Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	CM	[illegible]	P
b.			12.34	
c.				
d.				

F. Additional Descriptions for Materials Listed Above
a)Approval# 11081

G. Handling Codes for Wastes Listed Above
a)D81

15. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

(*) Send Completed Copy to Address in Block 3 (*)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

Printed/Typed Name	Signature	Month	Day	Year
Mitchell B. McPherson	[signature]	11	2	95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
John A. Patterson	[signature]	11	2	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Broadhurst Environmental, Inc

Printed/Typed Name	Signature	Month	Day	Year
Earlene Lambeth	Earlene Lambeth	11	2	95

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

393
18203

Please print or type. (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: FL5170022474

Manifest Document No.: ~~1898-4~~

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.

Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Containers No.	Type	Total Quantity	Unit Wt./Vol.
Non Regulated Waste, Solid (Soil)		CY	032742	
			15.97	
			31940	

F. Additional Descriptions for Materials Listed Above: Approval #11081

G. Handling Codes for Wastes Listed Above: a)D81

14. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

15. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Mitchell B. McPherson
Signature: [signature]
Date: Month 11 Day 05 Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: John A Patterson
Signature: [signature]
Date: Month 11 Day 05 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Broadhurst Environmental, Inc

Printed/Typed Name: Arlene Lambeth
Signature: [signature]
Date: Month 11 Day 05 Year 98

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

Printed by Labelmaster. An American Labelmark Co. Chicago, IL 60646 (800) 621-5808

Orange top

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL5170022474

Manifest Document No. 18205

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone (904)731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. Waste Description	Containers No.	Containers Type	Total Quantity	Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	CM	02942	P
b.			14.68	
c.			2920	
d.				

F. Additional Descriptions for Materials Listed Above
A) Approval # 11081

G. Handling Codes for Wastes Listed Above
a)D81

12. Special Handling Instructions and Additional Information A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

13. International Shipments [illegible]

Printed/Typed Name	Signature	Date Month	Day	Year
Mitchell B. McPherson	Mitchell B. McPherson	11	05	98

14. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
John A Patterson	John A Patterson	11	05	98

15. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

16. Discrepancy Indication Space

17. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 18.

Broadhurst Environmental, Inc.

Printed/Typed Name	Signature	Date Month	Day	Year
Colleen Trumbath	Colleen Trumbath	11	5	98

NON-HAZARDOUS WASTE

ORIGINAL

TRANSPORTER

GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: FL 5 1 7 0 0 2 2 4 7 4

Manifest Document No.: 18208

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION

	Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)				
b.			8.85	
c.			17757	
d.				

15. Additional Descriptions for Materials Listed Above
a)Approval# 11081

16. Handling Codes for Wastes Listed Above
a)D91

17. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this shipment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
Mitchell B. McPherson	[signature]	11	05	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
John A Patterson	[signature]	11	05	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Broadhurst Environmental Inc

Printed/Typed Name	Signature	Date Month	Day	Year
[illegible]	[illegible]			98

GENERATOR — TRANSPORTER — FACILITY

NON-HAZARDOUS WASTE

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PRINTED ON RECYCLED PAPER

Rev. 1/96

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: F L 5 1 7 0 0 2 2 4 7 4

Manifest Document No.: 18204

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number:

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	CM	27240	P
b.			13.62	
c.			27,340	
d.				

F. Additional Descriptions for Materials Listed Above: Approval # 11031

G. Handling Codes for Wastes Listed Above: a) D81

15. Special Handling Instructions and Additional Information: A.E.S., Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4548 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport, the materials listed on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
Mitchell B. McPherson	[signature]	11 09 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
TONY MERCER	Tony Mercer	11 09 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Broadhurst Environmental, Inc.

Printed/Typed Name	Signature	Date (Month Day Year)
Eugene Landreth	Eugene Landreth	11 9 98

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

393

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL5170022474

Manifest Document No. 18206

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.

Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone (904)731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	CN	27640	P
b.			13.82	
c.			27640	
d.				

GENERATOR

7. Additional Descriptions for Materials Listed Above
a)Approval# 11081

G. Handling Codes for Wastes Listed Above
a)D81

15. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this shipment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
Mitchell B. McPherson	[signature]	11	09	98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
TONY MERCER	[signature]	11	09	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19

Printed/Typed Name	Signature	Date Month	Day	Year
Broadhurst Environmental, Inc	[signature]			

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

Please print or type. (Form designed for use on elite (12 pitch) typewriter)

393 18213

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: FL5170022474

Manifest Document No.: ~~18205~~

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone (904)731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	CM	024500	P
b.			12.81	
c.			25620	
d.				

F. Additional Descriptions for Materials Listed Above: Approval # 11031

G. Handling Codes for Wastes Listed Above: a)D81

15. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this shipment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; or, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
Mitchell B. McPherson	[signature]	11	09	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
TONY MERCER	[signature]	11	09	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Broadhurst Environmental, Inc. John W. Simmons

Printed/Typed Name	Signature	Date Month	Day	Year
Carlene Lambeth	Carlene Lambeth	11	12	98

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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Orange Top

NON-HAZARDOUS WASTE MANIFEST # 393

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: FL5170022474

Manifest Document No.: 18209

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.

Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Containers No.	Type	Total Quantity	Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	CM	025660	P
b.			1281	
c.			25620	
d.				

F. Additional Descriptions for Materials Listed Above
a)Approval# 11081

G. Handling Codes for Wastes Listed Above
a)D81

15. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled/placarded, and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
Mitchell B. McPherson	[signature]	11 12 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
John A Patterson	[signature]	11 12 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Broadhurst Environmental, Inc.

Printed/Typed Name	Signature	Date (Month Day Year)
Carlene Lambeth	[signature]	11 13 98

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: FL5170022474

Manifest Document No.: 18210

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number:

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit WT/Vol
a. Non Regulated Waste, Solid (Soil)			22040	P
b.			10.59	
c.			21.180	
d.				

F. Additional Descriptions for Materials Listed Above
a)Approval# 11081

G. Handling Codes for Wastes Listed Above
a)D81

15. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

GENERATOR

Printed/Typed Name	Signature	Date (Month / Day / Year)
Mitchell B. McPherson	[signature]	11 / 12 / 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
John A Patterson	[signature]	11 / 12 / 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)

TRANSPORTER

19. Discrepancy Indication Space

FACILITY

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.
Broadhurst Environmental, Inc

Printed/Typed Name	Signature	Date (Month / Day / Year)
Eugene Lambert	[signature]	11 / 13 / 98

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393

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

18715

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. FL 5 1 7 0 0 2 2 4 7 4	Manifest Document No. 18715	2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services
6. US EPA ID Number:
A. State Transporter's ID:
B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name:
8. US EPA ID Number:
C. State Transporter's ID:
D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545
10. US EPA ID Number:
E. State Facility's ID: GA Permit# 151014D
F. Facility's Phone: 912/530-7050

GENERATOR

11. WASTE DESCRIPTION	Container No.	Container Type	12. Total Quantity	13. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	DM	12.08	P
b.				
c.			24160	
d.				

F. Additional Descriptions for Materials Listed Above: Approval # 11031

G. Handling Codes for Wastes Listed Above: a)D81

15. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled/placarded, and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
John Brummett	John Brummett	11 12 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name: John A Patterson	Signature: John A Patterson	11 12 98
18. Transporter 2 Acknowledgement of Receipt of Materials		Date
Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

FACILITY

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.
Broadhurst Environmental, Inc.

Printed/Typed Name	Signature	Date (Month Day Year)
Darlene Lambert	Darlene Lambert	11 12 98

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Track # 393

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: F L 5 1 7 0 0 2 2 4 7 4

Manifest Document No.: 18211

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Containers No.	Containers Type	Total Quantity	Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	0 1	C M	020400	P
b.				
c.			11.32	
d.				

F. Additional Descriptions for Materials Listed Above
a)Approval# 11081

G. Handling Codes for Wastes Listed Above
a)D81

15. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4058 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

GENERATOR

Printed/Typed Name	Signature	Date Month	Day	Year
Mitchell B. McPherson	[signature]	11	16	98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
John A Patterson	[signature]	11	16	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Broadhurst Env. Inc. John W. Simmons

Printed/Typed Name	Signature	Date Month	Day	Year
[illegible]	[illegible]			

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

18216

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: F L 5 1 7 0 0 2 2 4 7 4

Manifest Document No.: ~~18205~~

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.

Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number:

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Containers No.	Containers Type	Total Quantity	Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	CM	27720	E
b.				
c.			13.70	
d.				

F. Additional Descriptions for Materials Listed Above
Approval # 11031

G. Handling Codes for Wastes Listed Above
a)D81

15. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
Mitchell B. McPherson	[signature]	11	18	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
John A Pabhasson	[signature]	11	18	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.
Broadhurst Env. Inc. — John W. Simmons G.M.

Printed/Typed Name	Signature	Date
[illegible]	[signature]	

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Truck #313

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL5170022474

Manifest Document No. 18221

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.
Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3961

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone (904) 731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA Permit # 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Containers No	Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non Regulated Waste, Solid (Soil)	01	CY	02720	P
b.				
c.				
d.				

14.31

GENERATOR

NON-HAZARDOUS WASTE

e) Approval #11081

15. Handling Codes for Wastes Listed Above: a) 081

16. Special Handling Instructions and Additional Information: AES, Inc is this facility's waste contractor. Please route all billing and correspondence to: A.E.S., Inc. 4165 Mt Royal Blvd #210 Allison Park, PA 15101 24 Hour Emergency Number: (412) 486-0871 after hours: (412) 420-4645 or 4625.

17. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
Mitchell B. McPherson	[signature]	11	18	98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials		Date Month	Day	Year
Printed/Typed Name: John H Patterson	Signature: [signature]	11	18	98

18. Transporter 2 Acknowledgement of Receipt of Materials		Date Month	Day	Year
Printed/Typed Name	Signature			

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month	Day	Year
Broadhurst Environ. Corp. Robert W. Simmons	[signature]	11	18	98

Truck # 393

NON-HAZARDOUS WASTE MANIFEST

18212

Please print or type. (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL5170022474

Manifest Document No. 18199-01

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.

Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone (904)731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)				
b.				
c.			13.06	
d.			26120	lbs

F. Additional Descriptions for Materials Listed Above: Approval # 11031

G. Handling Codes for Wastes Listed Above: a)D81

15. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described above by proper shipping name and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date Month	Day	Year
Mitchell B. McPherson	MBMcPherson	11	16	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
John A. Patterson	John A Patterson	11	16	98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Broadhurst Env. Inc John Simmons, Gm.

Printed/Typed Name	Signature	Date Month	Day	Year
Kathy Tyre	Kathy Tyre	11	10	98

GENERATOR — TRANSPORTER — DESTINATION

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

18214

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: FL5170022474

Manifest Document No.: 10201

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.

Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: (904)731-2456

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address
Broadhurst Landfill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number:

E. State Facility's ID: GA Permit# 151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	CM	077740	P
b.			3.73	
c.				
d.				

F. Additional Descriptions for Materials Listed Above: Approval # 11081

G. Handling Codes for Wastes Listed Above: a) D81

15. Special Handling Instructions and Additional Information: A.E.S.,Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S.,Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. 24Hour Emergency Number: (412) 486-0871 after hours: (412) 427-4648 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

GENERATOR

Printed/Typed Name: Mitchell B. McPherson
Signature: [signature]
Date: Month 11 Day 18 Year 98

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John A Patterson
Signature: [signature]
Date: Month 11 Day 18 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.
Broadhurst Environmental, Inc
Printed/Typed Name: Cathy Tyre
Signature: [signature]
Date: Month Day Year

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING SOYBEAN INK

NON-HAZARDOUS WASTE MANIFEST

TK#393

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL5170022474

Manifest Document No. 18224

2. Page 1 of 1

3. Generator's Name and Mailing Address
NAS Cecil Field
13500 Normandy Blvd.

Mail to: Public Works Center
Code 300 NAS Jacksonville
Jacksonville, FL 32212

4. Generator's Phone (904) 771-3961

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone (904) 731-2456

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Broadhurst Land Fill
4800 Broadhurst Rd.
Jesup, GA 31545

10. US EPA ID Number

E. State Facility's ID: GA Permit #151014D

F. Facility's Phone: (912) 530-7050

11. WASTE DESCRIPTION

	Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
1. Non Regulated Waste, Solid (S.W.)				
2.				
3.				
4.				

15. Additional Descriptions for Materials Listed Above
a) Approval #11081

16. Handling Codes for Wastes Listed Above
a) DS1

1196

17. Special Handling Instructions and Additional Information: A.E.S., Inc. is this facility's waste contractor. Please route all billing and correspondence to: A.E.S., Inc. 4265 Air Royal Blvd. 2 C, Allison Park, PA 15101. 24-hour Emergency Number: (412) 486-0871 after hours (412) 427-4248 or 9620.

18. GENERATOR'S CERTIFICATION: I hereby certify that the materials in this shipment are properly classified, described and packaged, marked and labeled, and are in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date: Month	Day	Year
John Stanchfield	[signature]			

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year
[illegible]	[signature]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date: Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date: Month	Day	Year
Broadhurst Env. Inc. Ken C Tyre	John W. Emmons G.M. [signature]			

GENERATOR — TRANSPORTER — FACILITY

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: FL 5170022474

Manifest Document No.: 18222

2. Page 1 of 1

3. Generator's Name and Mailing Address: NAS Cecil Field, 13500 Normandy Blvd

Mail To: Public Works Center, Code NAS Jacksonville, Jacksonville FL 32212

4. Generator's Phone: (904) 771-3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: (904) 731-2456

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address: Broadhurst Landfill, 4300 Broadhurst Rd., Jesup, GA 31545

10. US EPA ID Number:

E. State Facility's ID: GA Permit #151014D

F. Facility's Phone: 912/530-7050

11. WASTE DESCRIPTION

	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated waste, Solid (Sol 1)	01	CNT	20440	P
b.			10.22	
c.			20440	
d.				

F. Additional Descriptions for Materials Listed Above: a) Approval #11081

G. Handling Codes for Wastes Listed Above: a) D81

15. Special Handling Instructions and Additional Information: A.E.S. Inc. is this facility's waste contractor. Please route all billing and correspondence to A.E.S. Inc. 4444 Mt. Royal Blvd. #210 Allison Park, PA, 15101. 24 hour Emergency Number: (412) 486-0871 after hours (412) 427-4645 or 4629.

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Mitchell B. McPherson — Signature: [signature] — Date: Month 11 Day 23 Year 88

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: John Patterson — Signature: [signature] — Date: Month 11 Day 23 Year 88

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of non-hazardous waste materials covered by this manifest except as noted in Item 19.

Broadhurst Environmental Inc.

Printed/Typed Name: Darlene Marbaty — Signature: [signature] — Date: Month Day Year

GENERATOR — TRANSPORTER — FACILITY

NON-HAZARDOUS WASTE

Printed by Labelmaster, An American Labelmark Co. Chicago, IL 60648 www.labelmaster.com
PRINTED ON RECYCLED PAPER USING SOY INK SOY INK

NON-HAZARDOUS WASTE MANIFEST #393

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: FL5170022474

Manifest Document No.: 18223

2. Page 1 of 1

3. Generator's Name and Mailing Address: NAS Cecil Field, 13500 Normandy Blvd

Mail to: Public Works Center, Code 300 NAS Jacksonville, Jacksonville, FL 32212

4. Generator's Phone: (904) 771 3461

5. Transporter 1 Company Name: Southland Environmental Services

6. US EPA ID Number:

A. State Transporter's ID:

B. Transporter 1 Phone: (904) 731-2456

7. Transporter 2 Company Name:

8. US EPA ID Number:

C. State Transporter's ID:

D. Transporter 2 Phone:

9. Designated Facility Name and Site Address: Broadhurst Landfill, 9800 Broadhurst Rd., Jesup, GA 31545

10. US EPA ID Number:

E. State Facility's ID: GA Permit #151014D

F. Facility's Phone: 912) 530-2050

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	Unit Wt./Vol.
a. Non Regulated Waste, Solid	01	CM	031980	P
b.			14.79	
c.				
d.				

F. Additional Descriptions for Materials Listed Above: a) Approval #11081

G. Handling Codes for Wastes Listed Above: a) D51

15. Special Handling Instructions and Additional Information: A.E.S., Inc. is this facility's waste contractor. Please route all billing and correspondence to: AES, Inc. 4066 McKnight Blvd #210, Allison Park, PA 15101. 24-hr Emergency Number: (412) 486-0871 after hours (412) 827-4648 or 4629

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Mitchell B. McPherson

Signature: McPherson

Date: Month 11 Day 23 Year 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: John Patterson

Signature: John Patterson

Date: Month 11 Day 23 Year 98

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature:

Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Lawrence Lambert

Signature: Lawrence Lambert

Date: Month Day Year 12 28 98

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

Labelmaster, An American Labelmark Co., Chicago IL 60646 (800) 621-5808 PRINTED ON RECYCLED PAPER PRINTED WITH SOY INK