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NAS CECIL FIELD, FL
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SAMPLING AND ANALYSIS REPORT FOR FACILITY 179 DEFENSE REUSE AND MARKETING OFFICE STORAGE BUILDING BASE REALIGNMENT AND CLOSURE ZONE C DEVELOPED NON-INDUSTRIAL AREA REVISION 1 NAS CECIL FIELD FL

3/1/1999

HARDING LAWSON ASSOCIATES

SAMPLING AND ANALYSIS REPORT

FACILITY 179, DEFENSE REUSE AND MARKETING OFFICE STORAGE BUILDING

BASE REALIGNMENT AND CLOSURE

ZONE C, DEVELOPED NONINDUSTRIAL AREA

NAVAL AIR STATION CECIL FIELD JACKSONVILLE, FLORIDA

Unit Identification No.: N60200

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Naval Air Station Cecil Field, Jacksonville, Florida

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GLOSSARY

ABB-ES	ABB Environmental Services, Inc
BCT	Base Realignment and Closure (BRAC) cleanup team
DRMO	Defense Reutilization and Marketing Office
EBS	Environmental Baseline Survey
ELCR	excess lifetime cancer risk
FDEP	Florida Department of Environmental Protection
HLA	Harding Lawson Associates
HI	hazard index
HQ	hazard quotient
mg/kg	milligrams per kilogram
NAS	Naval Air Station
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 the Southern Division, Naval Facilities Engineering Command, has completed the Phase II Sampling and Analysis Program for Facility 179, at Naval Air Station (NAS) Cecil Field. This report summarizes the related field operations, results, conclusions, and recommendations of the Phase II investigation.

Facility 179 is referred to as a Defense Reutilization and Marketing Office (DRMO) storage building in the Environmental Baseline Survey (EBS) Report (ABB Environmental Services, Inc. [ABB-ES], 1994a). No specific environmental concerns were identified during the EBS. However, many DRMO facilities have historically involved storage of hazardous materials.

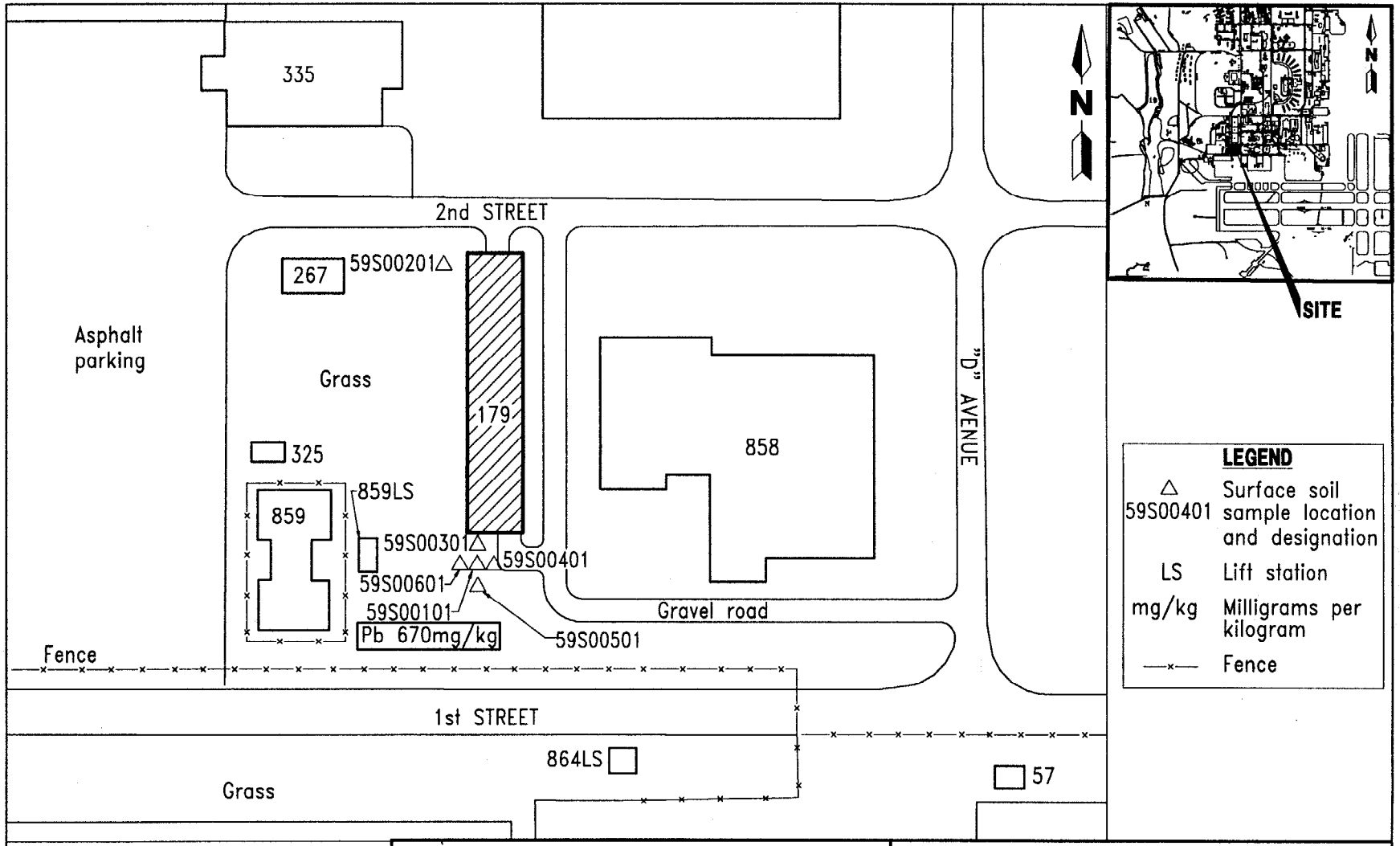
A facility contact reported an area near the northwest corner of the building, where palletized cans of new paint are known to have been staged. This area, and an area at the south end of the building adjacent to a paved lot, were identified as soil screening locations. A Sampling and Analysis Outline (SAO) for the assessment of surface soil in the two areas was prepared by HLA (then ABB-ES) and approved by the Base Realignment and Closure cleanup team (BCT) (ABB-ES, 1995a). The results of the sampling and analysis program are discussed below.

2.0 PHASE II INVESTIGATION

Field activities were undertaken in general conformance with the Project Operations Plan (ABB-ES, 1994b). The Phase II investigation included the collection of two surface soil samples, and analysis for the full Contract Laboratory Program suite of target compound list organics and target analyte list inorganics. Following a review of preliminary analytical data, the BCT identified a requirement for four additional surface soil samples to determine the extent of lead contamination in surface soil south of Facility 179. A general site plan indicating the sample locations is presented on Figure 1.

3.0 PRELIMINARY RISK EVALUATION

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



0 50 100
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FIGURE 1
SAMPLE LOCATION PLAN
FACILITY 179

SAMPLING AND ANALYSIS REPORT

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

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

Seven semivolatile organic compounds, 6 pesticide compounds, and 19 inorganic analytes were detected in surface soil samples collected at Facility 179. Concentrations of detected analytes are compared to background screening values, SCTLs, and risk-based screening values for a residential exposure scenario in a table in Appendix A. Arsenic, barium, and lead, were detected at a concentrations in excess of NAS Cecil Field screening criteria for inorganics and Florida SCTLs for residential areas. No other compounds were detected at concentrations in excess of screening criteria. An ELCR of 6×10^{-6}, and a noncancer HI of 2 were calculated based upon a residential exposure scenario.

Detected levels of contaminants were compared to a different site background data set, and Florida Soil Cleanup Goals, at the time of the investigation and preliminary data evaluation. The detected concentrations of arsenic and barium did not exceed the screening criteria in use at that time. Therefore, the delineation samples were analyzed for lead only. The lead concentration did not exceed screening criteria in any of the four samples collected to determine the extent of contamination.

3.2 ECOLOGICAL PRE. An ecological PRE was conducted to evaluate potential risks to ecological receptors in the vicinity of Facility 179. 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, 1994b).

Ecological habitat at Facility 179 is limited to maintained grass between buildings and paved areas. Ecological receptors that might occasionally use the study area are likely limited to terrestrial species that are tolerant to human and industrial activity. Small passerines, such as the American robin (*Turdus migratorius)*, could occasionally forage for terrestrial invertebrates in the grassy portions of the study area. Small mammals, such as the cotton mouse (*Peromyscus gossypinus*), could potentially feed on grasses and seeds in the grassy strips of the study area. Larger predatory mammals, such as the red fox (*Vulpes vulpes*), could potentially utilize the installation, but are unlikely to forage in the highly developed area surrounding Facility 179. Soil invertebrates (such as the earthworm) are likely present in the maintained grassy areas, which are subject to regular mowing.

Pathways of potential contaminant exposure at Facility 179 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. Protected species were not observed and are unlikely to utilize the limited habitat at Facility 179. Pathways for soil invertebrates include direct contact and incidental ingestion of surface soil. Pathways for terrestrial plants include direct contact with surface soil.

The table in Appendix A compares concentrations of detected analytes to background and ecological screening values. Terrestrial plant toxicity screening values for seven inorganic analytes, including lead, were exceeded in sample 59S00101. Wildlife toxicity screening criteria for cadmium and lead, and invertebrate toxicity screening criteria for chromium, copper, and zinc were also exceeded in sample 59S00101.

Chromium and vanadium were detected at concentrations slightly in excess of terrestrial plant toxicity screening values (3 milligrams per kilogram [mg/kg] versus 1 mg/kg, and 2.2 mg/kg versus 2 mg/kg, respectively) in sample 59S00201. No other ecological screening criteria were exceeded for sample 59S00201.

4.0 REMEDIAL ACTIVITIES

The horizontal and vertical extent of lead-contaminated soil on the south side of Facility 179 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 3, 1998, and removed from site. All information related to soil excavation activities, provided by the response action contractor, a field activity summary checklist, and copies of relevant waste disposal manifests, are also included in Appendix C.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Lead-contaminated soils were detected during site screening activities on the south side of Facility 179. The horizontal and vertical extent of contaminated

soil was delineated and contaminated materials were removed. There are no other environmental concerns for Facility 179, and no additional remedial action or further evaluation is recommended.

The color classification for Building 179 should be changed to 4/Green to indicate that contaminated soil on the south side of the facility has been excavated and removed. Appropriate site operation and management procedures should be undertaken in order to ensure that current and future site activities do not result in release of hazardous substances to the environment.

REFERENCES

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

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USEPA. 1995a. Region IV Waste Management Division. *Preliminary Risk Evaluation, Ecological Risk Assessment, Supplemental Guidance to Risk Assessment Guidance for Superfund (RAGS): Region IV Bulletin No. 1* (November).

USEPA. 1995b. Region IV, Waste Management Division. *Chronic Fresh Water/Surface Water Screening Values for Hazardous Waste Sites, Supplemental Guidance to RAGS: Region IV Bulletin Number 2* (November).

USEPA. 1998. *Risk-Based Concentration Table*. Region III. Philadelphia, Pennsylvania.

APPENDIX A

PRELIMINARY RISK EVALUATION TABLE

Preliminary Human Health Risk Evaluation Table for Analytes Detected in Surface Soil
Facility 179, Naval Air Station Cecil Field

Analyte[1]	Samples						Screening Values			Calculated Risk Values[2]	
	59S00101	59S00201	59S00301	59S00401	59S00501	59S00601	BKGRD	SCTL	RBC(R)	ELCR	HQ
Semivolatile Organic Compounds											
Benzo (a) pyrene	20							100	88 c		
Benzo (b) fluoranthene	32							1400	880 c		
Benzo (g,h,i) perylene	21							2300000			
Chrysene	24							140000	88000 c		
Fluoranthene	27							2800000	3100000 n		
Pyrene	21							2200000	2300000 n		
bis(2-Ethylhexyl) phthalate		22						75000	46000 c		
Pesticide/PCBs											
4,4-DDT	0.97							3200	1900 c		
Aldrin	0.36	0.33						60	38 c		
Dieldrin	0.16							70	40 c		
Endrin	0.31							21000	23000 n		
Endrin aldehyde	0.36	0.33						21000	23000 n		
Methoxychlor		2.2						380000	390000 n		
Inorganic Analytes											
Aluminum	1500	1270					4432.5	72000	78000 n		
Antimony	5.4						9.44	26	31 n		
*Arsenic	2.4						2.0375	0.8	0.43 c	6.E-06	
*Barium	531	7.4					14.4	105	5500 n		0.1
Cadmium	32.7	0.26					1.715	75	39 n		
Calcium	2140	2090					9.44				
Chromium	143	3					7.75	290	390 n		
Cobalt	4.9						3.11	4700	4700 n		
Copper	92.5						5.965	390	3100 n		
Copper		2.3					5.965	390	3100 n		
Iron	1310	383					1486	23000	23000 n		
*Lead	670	12.2	26.4	3.9	3.3	20.9	196.9	500			
Magnesium	83.9	70.4					328.65				
Manganese	146	12.8					21.95	1600	1600 n		
Nickel	15						3.89	105	1600 n		
Nickel		2.5					3.89	105	1600 n		
Potassium	26.3	21.3					101.8				
Silver	0.46						2.13	390	390 n		
Sodium	188	179					343				
Vanadium	8.7	2.2					6.3	15	550 n		
Zinc	724	11.9					36.5	23000	23000 n		
General Chemistry											
Total petroleum hydrocarbons	66	38						350			

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 exeeded

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))

Comparison of Detected Analytes in Surface Soil Samples to Ecological Screening Criteria
Facility 179 , NAS Cecil Field, Jacksonville, FL

Analyte	Sample Identifier						Screening Criteria				Criteria Exceeded[5]			
	59S00101	59S00201	59S00301	59S00401	59S00501	59S00601	BKGRD[1]	Plant[2]	Invert[3]	Vert[4]				
Semi-Volatile Organic														
Benzo (a) pyrene	20								34000	910000				
Benzo (b) fluoranthene	32								34000	910000				
Benzo (g,h,i) perylene	21								34000	910000				
Chrysene	24								34000	910000				
Fluoranthene	27								34000	910000				
Pyrene	21								34000	910000				
bis(2-Ethylhexyl) phthalate		22						200000	630000	1700000				
Pesticides/PCBs														
4,4-DDT	0.97							12500	12000	3900				
Aldrin	0.36	0.33						12500	2200	83000				
Dieldrin	0.16							12500	30000	1900				
Endrin	0.31							12500		8300				
Endrin aldehyde	0.36	0.33						12500		8300				
Methoxychlor		2.2						12500		1300000				
Inorganic Analytes														
Aluminum	1500	1270					29086	50		54000				
Antimony	5.4							5		5100	B	P		
Arsenic	2.4						3.6	10	100	15				
Barium	531	7.4					21	500		23000	B	P		
Cadmium	32.7	0.26						3	50	5.3	B	P		V
Calcium	2140	2090									B			
Chromium	143	3					31.2	1	50	14000	B	P	I	
Cobalt	4.9							20		1600	B			
Copper	92.5	2.3						100	30	1000	B		I	
Iron	1310	383					8060							
Lead	670	12.2	26.4	3.9	3.3	20.9	15.6	50	1190	260	B	P		V
Magnesium	83.9	70.4					474							
Manganese	146	12.8					17	500		5800	B			
Nickel	15	2.5					7.2	30	400	550	B			
Potassium	26.3	21.3					310							
Silver	0.46							2		500	B			
Sodium	188	179									B			
Vanadium	8.7	2.2						2		1100	B	P		
Zinc	724	11.9						50	130	1600	B	P	I	
General Chemistry														
Total petroleum hydrocarbons	66	38												

Notes:
Inorganic and General Chemistry Analytes are reported in mg/kg. All other values are reported in ug/kg.

Screening Criteria (refer to the Project Operations Plan, ABB-ES, 1995, Appendix A for details)

[1] Background screening value for inorganic analytes in surface soil at NAS Cecil Field. This value is equal to two times the average concentration detected during the NAS Cecil Field background sampling program (Refer to Remedial Investigation Report for OU2, ABB-ES, 1995, Appendix J).

[2] Terrestrial Plant Toxicity Screening Value

[3] Invertebrate Toxicity Screening Value

[4] Vertebrate (Wildlife) Toxicity Screening Value

[5] Screening criteria have been exceeded for background, and the receptor group(s) represented by the following letter codes:
B=Background, P=Plant, I= Invertebrate, V=Vertebrate (Wildlife)

APPENDIX B

LABORATORY ANALYTICAL DATA

NAS CECIL FIELD -- FACILITY 179
SURFACE SOIL -- ANALYTICAL DATA -- REPORT REQUEST NO. 10861

Lab Sample Number:	C217T				C217V			
Site	CECILBRAC2				CECILBRAC2			
Locator	59S00101				59S00201			
Collect Date:	16-NOV-95				16-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
CLP VOLATILES 90-SOW								
Chloromethane	12	U	ug/kg	12	11	U	ug/kg	11
Bromomethane	12	U	ug/kg	12	11	U	ug/kg	11
Vinyl chloride	12	U	ug/kg	12	11	U	ug/kg	11
Chloroethane	12	U	ug/kg	12	11	U	ug/kg	11
Methylene chloride	12	U	ug/kg	12	11	U	ug/kg	11
Acetone	12	U	ug/kg	12	11	U	ug/kg	11
Carbon disulfide	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethene	12	U	ug/kg	12	11	U	ug/kg	11
1,1-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethene (total)	12	U	ug/kg	12	11	U	ug/kg	11
Chloroform	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloroethane	12	U	ug/kg	12	11	U	ug/kg	11
2-Butanone	12	U	ug/kg	12	11	U	ug/kg	11
1,1,1-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11
Carbon tetrachloride	12	U	ug/kg	12	11	U	ug/kg	11
Bromodichloromethane	12	U	ug/kg	12	11	U	ug/kg	11
1,2-Dichloropropane	12	U	ug/kg	12	11	U	ug/kg	11
cis-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11
Trichloroethene	12	U	ug/kg	12	11	U	ug/kg	11
Dibromochloromethane	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2-Trichloroethane	12	U	ug/kg	12	11	U	ug/kg	11
Benzene	12	U	ug/kg	12	11	U	ug/kg	11
trans-1,3-Dichloropropene	12	U	ug/kg	12	11	U	ug/kg	11
Bromoform	12	U	ug/kg	12	11	U	ug/kg	11
4-Methyl-2-pentanone	12	U	ug/kg	12	11	U	ug/kg	11
2-Hexanone	12	U	ug/kg	12	11	U	ug/kg	11
Tetrachloroethene	12	U	ug/kg	12	11	U	ug/kg	11
Toluene	12	U	ug/kg	12	11	U	ug/kg	11
1,1,2,2-Tetrachloroethane	12	U	ug/kg	12	11	U	ug/kg	11
Chlorobenzene	12	U	ug/kg	12	11	U	ug/kg	11
Ethylbenzene	12	U	ug/kg	12	11	U	ug/kg	11
Styrene	12	U	ug/kg	12	11	U	ug/kg	11
Xylenes (total)	12	U	ug/kg	12	11	U	ug/kg	11
CLP SEMIVOLATILES 90-SOW								
Phenol	380	U	ug/kg	380	380	U	ug/kg	380
bis(2-Chloroethyl) ether	380	U	ug/kg	380	380	U	ug/kg	380
2-Chlorophenol	380	U	ug/kg	380	380	U	ug/kg	380
1,3-Dichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380
1,4-Dichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380
1,2-Dichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380
2-Methylphenol	380	U	ug/kg	380	380	U	ug/kg	380
2,2-oxybis(1-Chloropropane)	380	U	ug/kg	380	380	U	ug/kg	380
4-Methylphenol	380	U	ug/kg	380	380	U	ug/kg	380
N-Nitroso-di-n-propylamine	380	U	ug/kg	380	380	U	ug/kg	380
Hexachloroethane	380	U	ug/kg	380	380	U	ug/kg	380
Nitrobenzene	380	U	ug/kg	380	380	U	ug/kg	380
Isophorone	380	U	ug/kg	380	380	U	ug/kg	380
2-Nitrophenol	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dimethylphenol	380	U	ug/kg	380	380	U	ug/kg	380

NAS CECIL FIELD -- FACILITY 179
SURFACE SOIL -- ANALYTICAL DATA -- REPORT REQUEST NO. 10861

Lab Sample Number:	C217T				C217V			
Site	CECILBRAC2				CECILBRAC2			
Locator	59S00101				59S00201			
Collect Date:	16-NOV-95				16-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
bis(2-Chloroethoxy) methane	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dichlorophenol	380	U	ug/kg	380	380	U	ug/kg	380
1,2,4-Trichlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380
Naphthalene	380	U	ug/kg	380	380	U	ug/kg	380
4-Chloroaniline	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorobutadiene	380	U	ug/kg	380	380	U	ug/kg	380
4-Chloro-3-methylphenol	380	U	ug/kg	380	380	U	ug/kg	380
2-Methylnaphthalene	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorocyclopentadiene	380	U	ug/kg	380	380	U	ug/kg	380
2,4,6-Trichlorophenol	380	U	ug/kg	380	380	U	ug/kg	380
2,4,5-Trichlorophenol	920	U	ug/kg	920	910	U	ug/kg	910
2-Chloronaphthalene	380	U	ug/kg	380	380	U	ug/kg	380
2-Nitroaniline	920	U	ug/kg	920	910	U	ug/kg	910
Dimethylphthalate	380	U	ug/kg	380	380	U	ug/kg	380
Acenaphthylene	380	U	ug/kg	380	380	U	ug/kg	380
2,6-Dinitrotoluene	380	U	ug/kg	380	380	U	ug/kg	380
3-Nitroaniline	920	U	ug/kg	920	910	U	ug/kg	910
Acenaphthene	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dinitrophenol	920	U	ug/kg	920	910	U	ug/kg	910
4-Nitrophenol	920	U	ug/kg	920	910	U	ug/kg	910
Dibenzofuran	380	U	ug/kg	380	380	U	ug/kg	380
2,4-Dinitrotoluene	380	U	ug/kg	380	380	U	ug/kg	380
Diethylphthalate	380	U	ug/kg	380	380	U	ug/kg	380
4-Chlorophenyl-phenylether	380	U	ug/kg	380	380	U	ug/kg	380
Fluorene	380	U	ug/kg	380	380	U	ug/kg	380
4-Nitroaniline	920	U	ug/kg	920	910	U	ug/kg	910
4,6-Dinitro-2-methylphenol	920	U	ug/kg	920	910	U	ug/kg	910
N-Nitrosodiphenylamine	380	U	ug/kg	380	380	U	ug/kg	380
4-Bromophenyl-phenylether	380	U	ug/kg	380	380	U	ug/kg	380
Hexachlorobenzene	380	U	ug/kg	380	380	U	ug/kg	380
Pentachlorophenol	920	U	ug/kg	920	910	U	ug/kg	910
Phenanthrene	380	U	ug/kg	380	380	U	ug/kg	380
Anthracene	380	U	ug/kg	380	380	U	ug/kg	380
Carbazole	380	U	ug/kg	380	380	U	ug/kg	380
Di-n-butylphthalate	380	U	ug/kg	380	380	U	ug/kg	380
Fluoranthene	27	J	ug/kg	380	380	U	ug/kg	380
Pyrene	21	J	ug/kg	380	380	U	ug/kg	380
Butylbenzylphthalate	380	U	ug/kg	380	380	U	ug/kg	380
3,3-Dichlorobenzidine	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (a) anthracene	380	U	ug/kg	380	380	U	ug/kg	380
Chrysene	24	J	ug/kg	380	380	U	ug/kg	380
bis(2-Ethylhexyl) phthalate	380	U	ug/kg	380	22	J	ug/kg	380
Di-n-octylphthalate	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (b) fluoranthene	32	J	ug/kg	380	380	U	ug/kg	380
Benzo (k) fluoranthene	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (a) pyrene	20	J	ug/kg	380	380	U	ug/kg	380
Indeno (1,2,3-cd) pyrene	380	U	ug/kg	380	380	U	ug/kg	380
Dibenzo (a,h) anthracene	380	U	ug/kg	380	380	U	ug/kg	380
Benzo (g,h,i) perylene	21	J	ug/kg	380	380	U	ug/kg	380
CLP PESTICIDES/PCBS 90-SOW								
alpha-BHC	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9

NAS CECIL FIELD -- FACILITY 179
SURFACE SOIL -- ANALYTICAL DATA -- REPORT REQUEST NO. 10861

Lab Sample Number:	C217T				C217V			
Site	CECILBRAC2				CECILBRAC2			
Locator	59S00101				59S00201			
Collect Date:	16-NOV-95				16-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
beta-BHC	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9
delta-BHC	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9
gamma-BHC (Lindane)	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9
Heptachlor	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9
Aldrin	.36	J	ug/kg	2	.33	J	ug/kg	2
Heptachlor epoxide	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9
Endosulfan I	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9
Dieldrin	.16	J	ug/kg	4	3.8	U	ug/kg	3.8
4,4-DDE	3.8	U	ug/kg	3.8	3.8	U	ug/kg	3.8
Endrin	.31	J	ug/kg	4	3.8	U	ug/kg	3.8
Endosulfan II	3.8	U	ug/kg	3.8	3.8	U	ug/kg	3.8
4,4-DDD	3.8	U	ug/kg	3.8	3.8	U	ug/kg	3.8
Endosulfan sulfate	3.8	U	ug/kg	3.8	3.8	U	ug/kg	3.8
4,4-DDT	.97	J	ug/kg	4	3.8	U	ug/kg	3.8
Methoxychlor	19	U	ug/kg	19	2.2	J	ug/kg	19
Endrin ketone	3.8	U	ug/kg	3.8	3.8	U	ug/kg	3.8
Endrin aldehyde	.36	J	ug/kg	4	.33	J	ug/kg	4
alpha-Chlordane	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9
gamma-Chlordane	1.9	U	ug/kg	1.9	1.9	U	ug/kg	1.9
Toxaphene	190	U	ug/kg	190	190	U	ug/kg	190
Aroclor-1016	38	U	ug/kg	38	38	U	ug/kg	38
Aroclor-1221	77	U	ug/kg	77	76	U	ug/kg	76
Aroclor-1232	38	U	ug/kg	38	38	U	ug/kg	38
Aroclor-1242	38	U	ug/kg	38	38	U	ug/kg	38
Aroclor-1248	38	U	ug/kg	38	38	U	ug/kg	38
Aroclor-1254	38	U	ug/kg	38	38	U	ug/kg	38
Aroclor-1260	38	U	ug/kg	38	38	U	ug/kg	38
CLP METALS AND CYANIDE								
Aluminum	1500		mg/kg	40	1270		mg/kg	40
Antimony	5.4	J	mg/kg	12	.91	U	mg/kg	12
Arsenic	2.4		mg/kg	2	.68	U	mg/kg	2
Barium	531		mg/kg	40	7.4	J	mg/kg	40
Beryllium	.23	U	mg/kg	1	.23	U	mg/kg	1
Cadmium	32.7		mg/kg	1	.26	J	mg/kg	1
Calcium	2140		mg/kg	1000	2090		mg/kg	1000
Chromium	143		mg/kg	2	3		mg/kg	2
Cobalt	4.9	J	mg/kg	10	.23	U	mg/kg	10
Copper	92.5		mg/kg	5	2.3	J	mg/kg	5
Iron	1310		mg/kg	20	383		mg/kg	20
Lead	670		mg/kg	.6	12.2		mg/kg	.6
Magnesium	83.9	J	mg/kg	1000	70.4	J	mg/kg	1000
Manganese	146		mg/kg	3	12.8		mg/kg	3
Mercury	.12	U	mg/kg	.1	.11	U	mg/kg	.1
Nickel	15		mg/kg	8	2.5	J	mg/kg	8
Potassium	26.3	J	mg/kg	1000	21.3	J	mg/kg	1000
Selenium	.93	U	mg/kg	1	.91	U	mg/kg	1
Silver	.46	J	mg/kg	2	.23	U	mg/kg	2
Sodium	188	J	mg/kg	1000	179	J	mg/kg	1000
Thallium	.69	U	mg/kg	2	.68	U	mg/kg	2
Vanadium	8.7	J	mg/kg	10	2.2	J	mg/kg	10
Zinc	724		mg/kg	4	11.9		mg/kg	4

NAS CECIL FIELD -- FACILITY 179
SURFACE SOIL -- ANALYTICAL DATA -- REPORT REQUEST NO. 10861

Lab Sample Number:	C217T				C217V			
Site	CECILBRAC2				CECILBRAC2			
Locator	59S00101				59S00201			
Collect Date:	16-NOV-95				16-NOV-95			
	VALUE	QUAL	UNITS	DL	VALUE	QUAL	UNITS	DL
Cyanide	.11	U	mg/kg	.5	.11	U	mg/kg	.5

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

NAS CECIL FIELD -- FACILITY 179
SURFACE SOIL -- ANALYTICAL DATA -- REPORT REQUEST NO. 10871

Lab Sample Number:	A5K1701730			A5K1701730		
Site	CECILBRAC2			CECILBRAC2		
Locator	59S00101			59S00201		
Collect Date:	16-NOV-95			16-NOV-95		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
TPH						
Total petroleum hydrocarbons	66	mg/kg	12	38	mg/kg	11

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

NAS CECIL FIELD -- FACILITY 179
SURFACE SOIL -- LEAD DATA -- REPORT REQUEST NO. 10860

Lab Sample Number:	A7B1401520			A7B1401520			A7B1401520			A7B1401520		
Site	CECILBRAC3			CECILBRAC3			CECILBRAC3			CECILBRAC3		
Locator	59S00301			59S00401			59S00501			59S00601		
Collect Date:	13-FEB-97			13-FEB-97			13-FEB-97			13-FEB-97		
	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL	VALUE	QUAL UNITS	DL
Lead	26.4	mg/kg	10.7	3.9 J	mg/kg	10.7	3.3 J	mg/kg	11.1	20.9	mg/kg	10.8

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:	3-Nov-98	5. Facility Number:	179
2. Facility Name:	DRMO	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	Lead		
9. Quantity Excavated (cy)	3.7	15. Is it a petroleum site (Y/N)?	N
10. Excavation Limits (LxWxD)	See figure in SAR	16. Depth of excavation (feet)	1
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. Mainfest attached.
22. Remarks	

NAS CECIL FIELD
DIG & HAUL CHECK LIST

Site: BUILDING 179 Date: 11/3/98

Personnel: BECHTEL ENVIRONMENTAL

Contaminant(s) of Concern: PER ATTACHMENT

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:

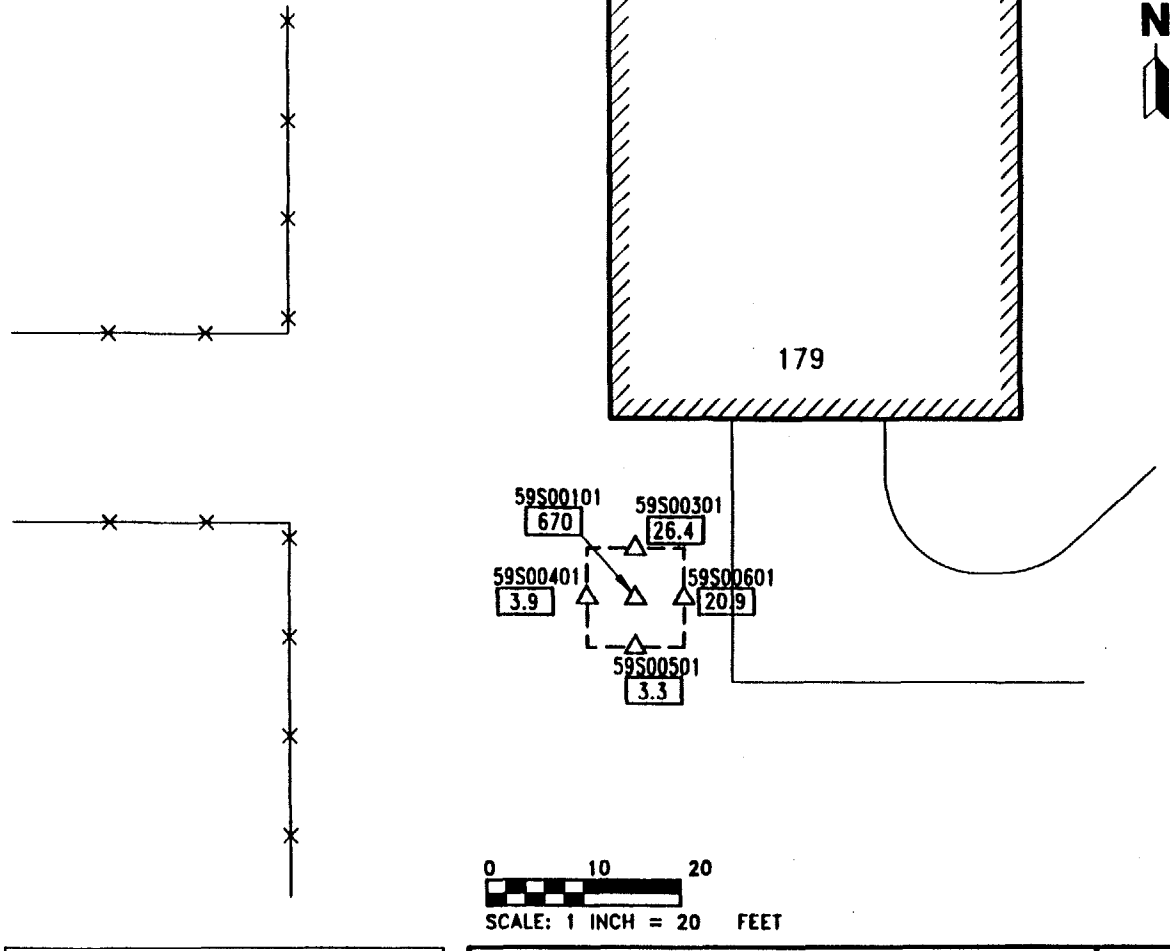
Building 179

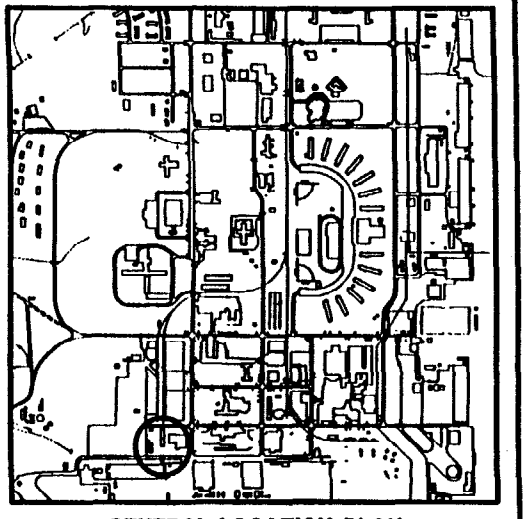
Site Background

Lead was detected at a concentration in excess of the residential soil cleanup goal (500 mg/kg) in a surface soil sample collected in the area to be excavated. The contaminant may be related to release of stored materials adjacent to a nearby DRMO building (179). Analytical results were reviewed by the BCT (November 1996), 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 179 (ABB-ES, October 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 ABB-ES.
6. Excavated soil should be stockpiled on, and covered with, heavy duty polyethylene sheeting. 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





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

NOTES:

1. All concentrations are in milligrams per kilogram.
2. Contaminant of concern is lead.
3. Residential cleanup goal for lead is 500 milligrams per kilogram.

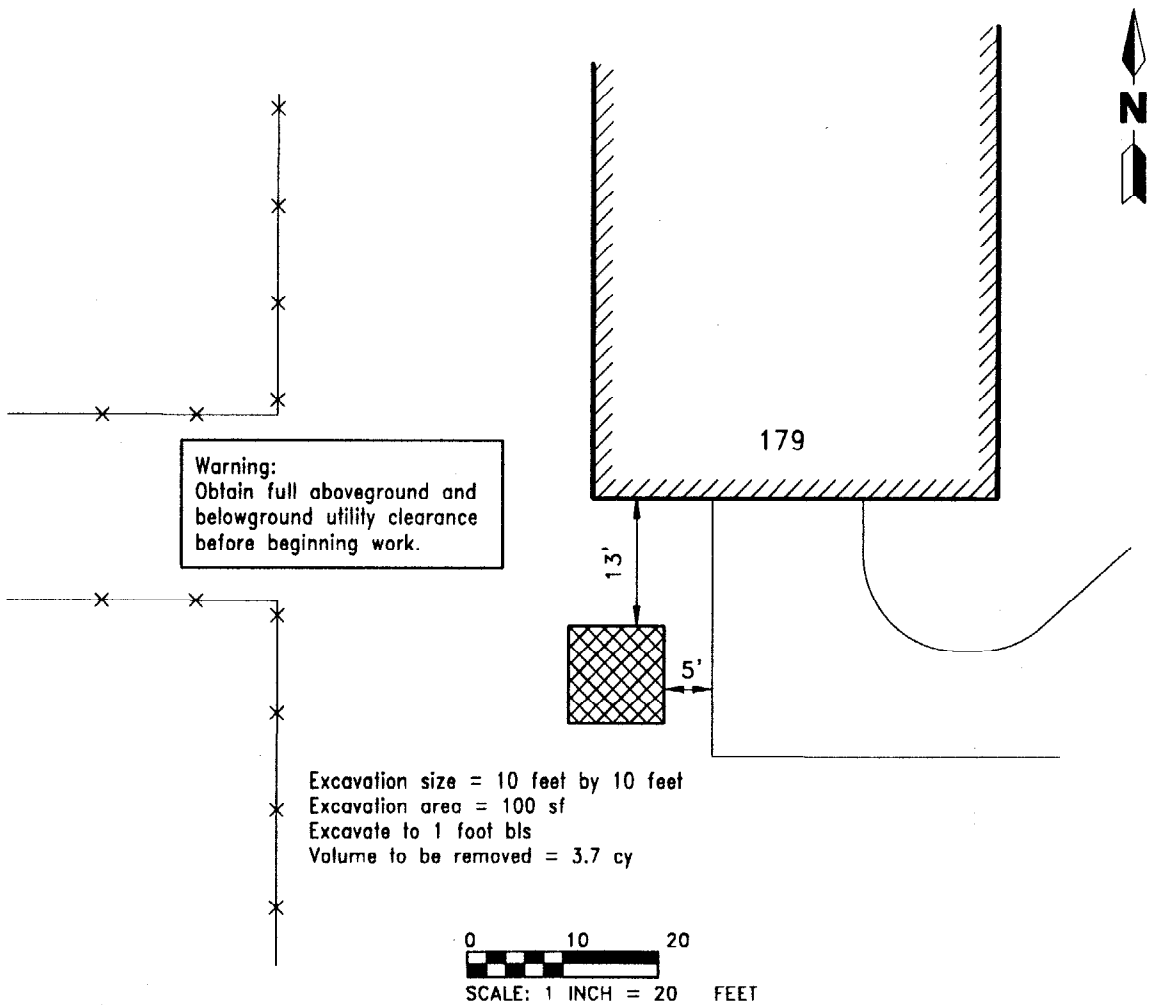
LEGEND

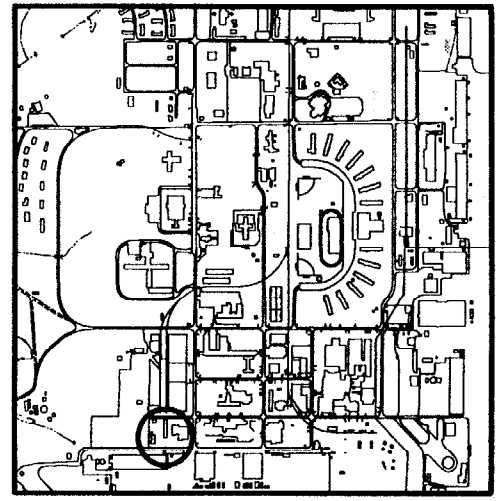
59S00501 △	Surface soil sample location and designation
3.3	Lead concentration
— — —	Area to be excavated

FIGURE 1-4A
FACILITY 179
LEAD CONFIRMATORY SAMPLE RESULTS

BASE REALIGNMENT AND CLOSURE SOIL EXCAVATIONS

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA





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. Contaminant of concern is lead.
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

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

K:\02523\02523-25\SAP\02523792.DWG, PDP-88 06/30/98 15:21:13, AutoCAD R14

FIGURE B-1

FACILITY 179

SAMPLING AND ANALYSIS REPORT

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	Contains		
Non Regulated Waste, Solid (Soil)		22 [illegible]	
		8.18	
Profile # [illegible]		[illegible]	

F. Additional Descriptions for Materials Listed Above:

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. 24Hr Emergency #: (412) 486-0871 after hrs: (412)427-4648 or 4629.

Send Completed Copy to Address listed as Mail to (above)

I. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described [illegible]

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

17. Transporter 1 Acknowledgement of Receipt of Materials

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

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
[illegible]	[signature]	10	22	98

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. 13195

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 Phone: 912/530-7050

11. Waste Description

a. Non Regulated Waste, Solid (Soil)

b.

c.

d.

Total 13.66

a73.20

12. Additional Descriptions for Materials Listed Above

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

13. 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 4629.

Send completed copy to Abbie [illegible]

14. 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 governmental regulations.

Printed/Typed Name: MITCHELL B McPherson

Signature: [signature]

Date: Month 10 Day 22 Year 98

TRANSPORTER

15. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: John A Patterson

Signature: [signature]

Date: Month 10 Day 22 Year 98

16. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

17. Discrepancy Indication Space

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

Southland Environmental Inc

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
a. Non-Regulated Waste, Solid (Soil)			22 C.Y.	
b.			15.41	
c. Profile # 11081			30820	
d.				

12. Additional Descriptions for Materials Listed Above

G. Handling Codes for Wastes Listed Above
a. D81

13. 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 Attn: [illegible] Mail To (Area C)

14. 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 according to applicable international and national government 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 and that I can afford.

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

15. Transporter 1 Acknowledgement of Receipt of Materials

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

16. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

17. Discrepancy Indication Space

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

Broadhurst Environmental Landfill Facility Owner or Operator

Printed/Typed Name	Signature	Month	Day	Year
		10	22	98

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

American Labelmark Co. Chicago, IL 60648 (312) 586-5809

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 14

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 | Containers No. | Type | Total Quantity | Unit Wt./Vol.

a. Non Regulated Waste, Solid (Soil) | 01 | BY | 18.33 | T

b.

c.

d.

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

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 4529.
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

Printed/Typed Name	Signature	Date (Month Day Year)
John A Patterson	John A Patterson	11 2 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	Signature	Date (Month Day Year)
Earlene Lambeth	Earlene Lambeth	11 2 98

NON-HAZARDOUS WASTE

814 Rev. 1 Supply Supplier: An American Labelmark Co., Chicago, IL 60646 800-621-5808 PRINTED ON RECYCLED PAPER USING SOYBEAN INK Rev. 95

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
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

11. WASTE DESCRIPTION	Containers No.	Containers Type	Total Quantity	Unit Wt.
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 certify that the contents of this consignment are fully and accurately described and are in all respects in proper condition for transport. The materials described in 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

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
John A. Patterson	John A Patterson	11	2	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
Earlene Lambeth	Earlene Lambeth	11	2	98

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

American Labelmark Co., Chicago, IL 60646 (800) 621-5808
PRINTED ON RECYCLED PAPER USING SOYBEAN INK

393

18203

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. ~~18198-4~~

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.	Containers Type	13. Total Quantity	14. Unit Wt.
a. Non Regulated Waste, Solid (Soil)		CM	032742 ~~[illegible]~~	P
b.			15.97	
c.			31940	
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 regulation.

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	John A Patterson	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
Earlene Lambeth	Earlene Lambeth	11	5	98

RCHA NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

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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	029420	P
b.			14.68	
c.			29.40	
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: [illegible] hazardous waste regulations.

Date

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

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

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

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

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.

Date

Printed/Typed Name: [illegible] | Signature: [illegible] | Month 11 Day 5 Year 98

GENERATOR

TRANSPORTER

FACILITY

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NON-HAZARDOUS WASTE MANIFEST

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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL5170022474

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	12. Total Quantity	13. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)				
b.			8.85	
c.			17752	
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 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.

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

17. Transporter 1 Acknowledgement of Receipt of Materials

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

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

393

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NON-HAZARDOUS WASTE MANIFEST

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

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.
a. Non Regulated Waste, Solid (Soil)	01	CH	027240	
b.			13.67	
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) 427-4648 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 [illegible] for transport [illegible] materials described on this manifest [illegible] federal hazardous waste regulations.

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

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tony Mercer | Signature: Tony Mercer | Date: Month 11 Day 09 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: Earlene Lambeth | Signature: Earlene Lambeth | Date: Month 11 Day 9 Year 98

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

393

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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.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	CM	027640	P
b.			13.62	
c.			27240	
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 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 09 Year 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tony Mercer
Signature: [signature]
Date: Month 11 Day 09 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: [illegible]
Signature: [signature]
Date: Month Day Year

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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NON-HAZARDOUS WASTE MANIFEST

393 18213

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.: ~~18200~~

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	012500	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. 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 09 Year 95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: TONY MERCER — Signature: [signature] — Date: Month 11 Day 09 Year 95

TRANSPORTER

18. Transporter 2 Acknowledgement of Receipt of Materials

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

19. Discrepancy Indication Space

FACILITY

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: Darlene Lambeth — Signature: Darlene Lambeth — Date: Month 11 Day 10 Year 95

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 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.

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

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month / Day / Year)
John A Patterson	John A Patterson	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	Carlene Lambeth	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.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)		CY	22/C40	
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/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations. 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	95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
John A Patterson	[signature]	11	12	95

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 the manifest, except as noted in Item 19.
Broadhurst Environmental Inc

Printed/Typed Name	Signature	Date Month	Day	Year
Eurlene Lambert	[signature]	11	13	95

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393

NON-HAZARDOUS WASTE MANIFEST

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

18215

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. FL5170022474	Manifest Document No. 15000-17 FOZOZ	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	Container No.	Type	12. Total Quantity	13. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	DM	227.00	P
b.			12.08	
c.			24.160	
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)
John Brummett	John Brummett	11 12 98

17. Transporter 1 Acknowledgement of Receipt of Materials

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

NON-HAZARDOUS WASTE
GENERATOR
TRANSPORTER
OWNER

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Truck # 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.: FL5170022474

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	13. Total Quantity	14. Unit Wt.
a. Non Regulated Waste, Solid (Soil)	01	CM	020460	P
b.				
c.			11.32	
d.			[illegible]	[illegible]

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 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	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 W. Simmons

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

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

Printed by Labelmaster, An American Labelmark Co. Chicago, IL 60646 (800) 621-7300

Truck # 393 (1)

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~~	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	6. US EPA ID Number	A. State Transporter's ID
Southland Environmental Services		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	10. US EPA ID Number	E. State Facility's ID
Broadhurst Landfill 4800 Broadhurst Rd. Jesup, GA 31545		GA Permit# 151014D
		F. Facility's Phone 912/530-7050

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

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 [illegible] 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	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, G.M.

Printed/Typed Name	Signature	Date Month	Day	Year
Kathy Tyre	[signature]	11	17	98

RCRA NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

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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 14

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	12. Total Quantity	13. Unit Wt./Vol.
a. Non Regulated Waste, Solid (Soil)	01	CM	027740	P
b.			13.73	
c.				
d.				

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	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 Patterson	[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 Environmental, Inc

Printed/Typed Name	Signature	Date Month	Day	Year
Cathy Tyre	[signature]			

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER USING 100% SOY INK

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 7

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	027720	P
b.				
c.			13.70	
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.

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

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: John A Patterson | Signature: John A Patterson | Date: Month 11 Day 18 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 Env. Inc. — John W. Simmons G.M.

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

GENERATOR

TRANSPORTER

FACILITY

NON HAZARDOUS WASTE

PRINTED ON RECYCLED PAPER

NON-HAZARDOUS WASTE MANIFEST

Truck #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.: 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) 771-3461

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.
a. Non Regulated Waste, Solid (Soil)	01	cm	023720	F
b.				
c.				
d.				

14.31

A. Additional Descriptions for Materials Listed Above	G. Handling Codes for Wastes Listed Above
a) Approval #11081	a) 081

15. 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. 4068 Mt Royal Blvd #210 Allison Park, PA 15101 24 Hour 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	Month	Day	Year
Mitchell B. McPherson	[signature]	11	18	98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
John H Patterson	[signature]	11	18	98

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 Env. Serv. [signature]

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	11	18	98

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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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) 771-3461

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 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.	Containers Type	13. Total Quantity	14. Unit Wt.
a. Non Regulated Waste, Solid (Soil)	[illegible]	[illegible]	[illegible]	[illegible]
b.				
c.				
d.				

11.96

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. 24-hour 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: John Brummett

Signature: [signature]

Date: Month 11 Day [illegible] Year [illegible]

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: [illegible]

Signature: [illegible]

Date: Month [illegible] Day [illegible] Year [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:

Signature:

Date: Month Day Year

19. Discrepancy Indication Space

20. Owner/Owner's 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: Kathy C Tyre

Signature: Kathy C Tyre

Date: Month 11 Day 20 Year 98

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
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)			[illegible]	
b.			10.22	
c.			20410	
d.				

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

G. Handling Codes for Wastes Listed Above
a) D81

13. 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. 4242 Mt Royal Blvd. #210 Allison Park, PA, 15101. 24 hour Emergency Number: (412) 431-0871 after hours (412) 427-4645 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	Signature	Date (Month Day Year)
Mitchell B. McPherson	[signature]	11 23 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
John Patterson	[signature]	11 23 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)
Darlene Marbaty	[signature]	[illegible]

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

Form 8700-22 Rev. 9/88 Labelmaster (An American Labelmark Co.) Chicago, Illinois 1-800-621-5808 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 3961

5. Transporter 1 Company Name: Sutkland 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 # 151014 D

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	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) 768-0871 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	McPherson	11 23 98

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
John Patterson	John Patterson	11 23 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)
Barbara Lambert	Barbara Lambert	11 23 98

GENERATOR — TRANSPORTER — FACILITY

NON-HAZARDOUS WASTE

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