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NAS CECIL FIELD, FL
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FINAL SOURCE REMOVAL REPORT FOR 312 OIL WATER SEPARATOR AREAS NAS
CECIL FIELD FL
12/17/2003
WRS INFRASTRUCTURE AND ENVIRONMENT INC

FINAL SOURCE REMOVAL REPORT

Source Removal 312 Oil Water Separator Areas

**Naval Air Station Cecil Field
Jacksonville, Florida
Construction Contract # N62467-02-D-0480**

Prepared For:
Naval Facilities Engineering Command
Southern Division
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North Charleston, South Carolina 29406

Prepared by:



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**WRS Project No.: 303607
Revision No. 2
December 2003**

Final Source Removal Report

for

Source Removal 312 Oil Water Separator Areas

Submittal Date:	December 17, 2003
Project Name:	NAS Cecil Field
Project Location:	NAS Cecil Field – Jacksonville, Duval County, Florida
Contract Number	N62467-02-D-0480
Reference	Statement of Work, Section 2.3.1.2

Prepared by:

Brian Garner
Staff Scientist
WRS Infrastructure & Environment, Inc.

Date: _____

This document, Final Source Removal Report for the Naval Air Station (NAS) Cecil Field Building 312 Oil Water Separator (OWS) Areas, has been prepared under the direction of a Florida Registered Professional Engineer. The work and professional opinions rendered in this report were developed and conducted in accordance with commonly accepted protocols and procedures.

If conditions are discovered or determined to exist that differ from those described, the undersigned engineer should be notified to evaluate the effects of any additional information on the assessment and recommendations in this document. This document was prepared to provide a Source Removal Report for the Building 312 OWS Areas, Jacksonville, Duval County, Florida. It should not be construed to apply to any other site.

Reviewed by:

Brent W. Anderson, P.E., P.G.
Project Manager
WRS Infrastructure & Environment, Inc.

Date: _____

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ACRONYMS

ASTM	American Society of Testing and Measurement
bls	Below Land Surface
CCI	CH2M Hill Constructors, Inc.
CO	Contract Officer
CSE	Confirmatory Sampling Event
CTO	Contract Task Order
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FL-PRO	Florida Petroleum Residual Organics
ft ²	Square Feet
KAG	Kerosene Analytical Group
NAS	Naval Air Station
NAVFAC	Naval Facilities Engineering Command
OWS	Oil Water Separator
OVA	Organic Vapor Analyzer
PAH	Polynuclear Aromatic Hydrocarbon
ppm	Parts Per Million
PVC	Polyvinyl Chloride
ROICC	Resident Officer in Charge of Construction
SCTL	Soil Cleanup Target Level
SJRWMD	St. John's River Water Management District
SOP	Standard Operating Procedures
SOW	Statement of Work
TRPH	Total Recoverable Petroleum Hydrocarbons
TtNUS	Tetra Tech NUS, Inc.
USEPA	United States Environmental Protection Agency
WRS	WRS Infrastructure & Environment, Inc.
WTDI	Waste Transportation and Disposal, Inc.
yd ³	Cubic Yards

1.0 Introduction

WRS Infrastructure & Environment, Inc. (WRS) has prepared this Final Source Removal Report for Statement of Work (SOW) N62467-03-R-X0004 to specifically address the required remedial activities for the Source Removal 312 Oil Water Separator (OWS) Areas located at Naval Air Station (NAS) Cecil Field, Jacksonville, Florida (**Figure-1**). This Final Source Removal Report has been prepared pursuant to the SOW, comments made during the April 22, 2003 pre-bid site walk and Addendum Number 1 to the solicitation. Work associated with the source removal activities was authorized under Construction Contract Number N62467-02-D-0480, Contract Task Order (CTO) Number 0002.

WRS was contracted by the Southern Division Naval Facilities Engineering Command (NAVFAC) to excavate petroleum impacted soil from two (2) areas in the vicinity of Building 312 OWS, designated as North and South (**Figure-2**). The excavation activities required the removal of approximately 235 cubic yards (yd³) of polynuclear aromatic hydrocarbon (PAH) and total recoverable petroleum hydrocarbon (TRPH) impacted soils from the North area and approximately 135 yd³ from the South area. All source removal activities were conducted in accordance with Chapters 62-160, 62-761 and 62-770, Florida Administrative Code (FAC).

1.1 Site Background

Building 312 is an aircraft corrosion control facility that used an aircraft wash rack located east of the building. Wastewater from Building 312 and rinse water from the wash rack were routed through a 900-gallon OWS to the northeast of Building 312. ABB Environmental Services conducted a confirmatory sampling event (CSE) in June 1998. Four subsurface soil samples were collected and analyzed by an organic vapor analyzer (OVA), one shallow monitoring well was installed, and one groundwater sample was collected and analyzed for Kerosene Analytical Group (KAG) parameters. The results of the CSE were summarized in a Confirmatory Sampling Report dated June 1999. The report documented maximum OVA headspace concentrations in the subsurface around the OWS of 1,350 parts per million (ppm). The groundwater sample collected from monitoring well CEF-312-1S was below the regulatory standards specified in Chapter 62-770, FAC for all KAG constituents (CH2M HILL Constructors, Inc [CCI], 2000).

On March 30, 2000, CCI conducted a source removal of petroleum-contaminated soils from the area around the OWS. A total of 99.7 tons of petroleum-contaminated soil were excavated and disposed off-site. The OWS and associated underground storage tank and piping were left in place (CCI, 2000). A Source Removal Report was submitted to NAVFAC by CCI in November, 2000.

1.2 Project Objectives

The primary objective of the source removal activities was to excavate PAH and TRPH impacted soils from the North and South areas in the vicinity of Building 312. Per Addendum 1 to the SOW, the North area was to be excavated to a depth of five feet below land surface (bls) and three feet bls referenced from the bottom of the ditch in the South area. The horizontal and vertical limits of the excavation had been established previously by Tetra Tech NUS, Inc (TtNUS) and were provided in the SOW and solicitation addenda. Based on the excavation

limits established by TtNUS, the total volume of soil (per the SOW) to be excavated from the North and South areas was 235 yd³ and 135 yd³, respectively.

Following excavation to the limits established by TtNUS, WRS personnel were to backfill the excavations with certified clean fill and restore the site to pre-remedial conditions.

2.0 Source Removal Activities

Source removals were conducted at Building 312 North and South areas beginning on September 23, 2003 and ending on October 1, 2003. A total of 640.37 tons of PAH and TRPH impacted soil was excavated and disposed off-site as non-hazardous waste. A total of 504 yd³ of clean fill were used for backfill and compaction of the excavation areas. Confirmatory soil samples were not required per Addendum 1 to the SOW; therefore no confirmation sampling was performed following excavation. WRS was required to “dig to clean” boundary established by TtNUS. WRS coordinated with J.A. Jones, Inc., JAA Facilities, Cecil Commerce Center, Boeing, Inc., NAS Jacksonville Resident Officer in Charge of Construction (ROICC) concerning all demolition and excavation activities. Photographs of the site before, during and following excavation activities are included in **Appendix A**. Copies of Contractor Production Reports are included in **Appendix B**.

2.1 Site Preparation

Site preparation activities were conducted in accordance with Section C.1.2.2 of the approved Work Plan (WRS, 2003). WRS personnel coordinated with J.A. Jones, Inc. and Sunshine One Call Locates to ensure all underground utilities had been properly located.

On September 23, 2003 WRS personnel mobilized to the site and immediately began site preparatory activities. These activities included establishment of decontamination areas, work zones, designated haul routes, stockpile and debris staging areas. A limited site survey was performed in order to establish the existing land surface elevation and grade at the site prior to excavation. Grade stakes were placed to guide the horizontal and vertical extent of the excavation activities and to ensure that the appropriate volume of material was removed from the excavated areas (**Appendix A**).

2.2 Soil Excavation and Disposal

As stated previously, PAH and TRPH impacted soil was excavated from the North and South areas in the area of Building 312. The excavation limits for both areas were provided by TtNUS. PAH and TRPH impacted soil was excavated utilizing a tracked excavator, backhoe and hand-tools. Excavated soil was stockpiled in a designated contaminated soil stockpile area to the west of Building 312 (**Appendix A**) for later transport and disposal.

The stockpile area was constructed by constructing a bermed storage area lined with 6-mil plastic sheeting. Stockpiled soil was deposited within the plastic lined bermed area and covered with additional plastic sheeting at the end of each work day and during inclement weather to prevent runoff. A rubber tired loader transferred the contaminated media from the contaminated soil stockpile area directly to dump trucks for off-site disposal at Republic Services-Broadhurst Environmental Landfill in Screven, Georgia (Georgia ID #151-014D) as non-hazardous waste. Laboratory analytical data collected by and CCI were used for characterization of the excavated soil to obtain disposal approval from the landfill.

2.2.1 Excavation Activities

Excavation activities were conducted in accordance with Chapter 62-761 and 62-777, FAC and the Florida Department of Environmental Protections (FDEP) Standard Operating Procedures

(SOP) FDEP-SOP-001/01. Excavated soils were screened visually. Confirmatory soil screening samples (OVA data) were not required under the SOW and were not collected from the excavations. Confirmatory soil samples for laboratory analysis were not collected in accordance with Addendum 1 to the SOW.

Northern Excavation

Excavation activities commenced in the North excavation area on September 24, 2003 and excavation was completed on September 26, 2003. The section of chain link fence within the proposed excavation limits was dismantled and removal of two (2) 24-inch inside diameter corrugated steel culverts began. The culverts were removed by first excavating overburden soil and inserting slings lengthwise through the culverts. The culverts were lifted out of the excavation area and staged for later use. Soil was excavated to a maximum of seven (7) feet bls and horizontally to the excavation limits established by TtNUS.

Several undetected and unsuspected utilities were encountered during excavation, which necessitated extensive hand excavation of impacted soil. WRS personnel discovered one damaged sanitary sewer line during excavation. The damage to the sanitary sewer line appeared to have been caused by a conventional hollow stem auger drill rig at some point in the past (**Appendix A**). WRS personnel consulted the Contract Officer (CO) about the damaged line. The repair of the damaged line was delegated to J.A. Jones.

The SOW required that the North excavation be completed to five (5) feet bls. WRS personnel excavated the North area to five (5) feet bls and discovered visually stained soil that appeared to extend beyond five (5) feet bls. WRS personnel consulted with the ROICC and a change order was issued allowing excavation in the North area to seven (7) feet bls in the area adjacent to the OWS at which point the water table was intersected. The excavation area was also extended to include an approximate 70 foot by 15 foot area of the ditch to the west of the original excavation area north of the parking lot. This area was excavated to approximately 5 feet bls.

The resulting North excavation adjacent to Building 312 measured approximately 95 feet long (east-west) and extended approximately 37 feet to the north from the northeast corner of Building 312 and roughly following the outline of the drainage ditch north of Building 312. The excavation area covered an approximate 1269 square feet (ft²) area and was a maximum of seven (7) feet deep.

Visually stained soils were observed in the northeast corner of the excavation on the east wall and appeared to continue beyond the limits of excavation as delineated by TtNUS at approximately five to seven feet bls.

South Excavation

Excavation in the South area was begun on September 27, 2003 and was completed on September 29, 2003. Soil in the South area was excavated to a maximum depth of three (3) feet bls as measured from the bottom of the ditch. The excavation continued horizontally until the limits of excavation established by TtNUS were achieved. The resultant excavation measured approximately 46 feet long (north-south) by 24 feet wide (east-west) by 3 feet deep.

Replacement of the approximately 50 feet of concrete retaining wall in the South excavation area was not necessary, as WRS was able to maintain the integrity of this structure (**Appendix A**).

No visually stained soils were observed at the limits of the excavation prior to backfilling of the South excavation area.

A combined total of 640.37 tons of PAH and TRPH impacted soil was excavated and stockpiled for transport and disposal from the North and South excavation areas.

Monitor Well Abandonment

During excavation of the North area, it became necessary to abandon three (3) monitor wells (CEF-312LS-5S, CEF-312-02 and CEF-312LS-6S). WRS personnel consulted the CO prior to abandoning the monitor wells.

The monitor wells were abandoned in accordance with Chapter 40C-3, FAC (Rules of the St. Johns Water management District [SJRWMD]) and all necessary permits were obtained prior to abandonment. The aforementioned wells were abandoned by filling the well casing with a cement grout. The grout was placed in the well casing utilizing a one-inch diameter polyvinyl chloride (PVC) tremie pipe. This pipe extended to the bottom of the monitor well to ensure that the monitor well was grouted from the bottom to land surface. The grout level in the well was inspected for settling 24 hours following grout emplacement. If settling occurred, the space was filled to land surface with additional grout.

2.2.2 Excavated Soil Transport and Disposal

Excavated PAH and TRPH impacted soils were transported off-site for disposal at Republic Services-Broadhurst Environmental Landfill in Screven, Georgia (Georgia ID #151-014D) as non-hazardous waste. Waste Transportation and Disposal, Inc. (WTDI) coordinated the disposal and transportation activities. Laboratory analytical data collected by TtNUS and CCI were used for characterization of the excavated soil to obtain disposal approval from the landfill. Dump trucks were weighed on site following load out to ensure they did not leave the site overloaded and as a means of reconciling disposal facility weight tickets. A comparison of on-site weights to landfill weights and a summary of non-hazardous waste manifests are provided in **Table 1**. Copies of the Truck Tracking Log, non-hazardous manifests and landfill disposal receipts are contained in **Appendix C**. A total of 640.37 tons of PAH and TRPH impacted media were accounted for by the landfill disposal receipts and non-hazardous waste manifests.

2.2.3 Backfilling and Site Restoration

Backfilling of excavation areas began immediately following the completion of PAH and TRPH impacted soil excavation in each area. The delivery of certified clean fill began prior to the completion of excavation activities to ensure project continuity. Ray Gunter Trucking, Inc. of Jacksonville, Florida supplied the certified clean backfill from their Oakhurst pit. The backfill was sampled by WRS personnel on September 17, 2003. The sample was shipped to Environmental Conservation Laboratories of Jacksonville, Florida for analysis by United States Environmental Protection Agency (USEPA) Method 8260, USEPA Method 8270, USEPA Method 8081, USEPA Method 8082, USEPA Method 8151, USEPA Method 6010 and 7471, and Florida-Petroleum Residual Organics (FL-PRO). No analytes of concern were reported

above the Soil Cleanup Target Levels (SCTL) specified in Chapter 62-777, FAC for the soil sample collected from the backfill source. Laboratory analytical results for the backfill confirmatory sample (SS001) are provided in **Appendix D**.

Backfill material was placed within the excavation areas in lifts and compacted with a vibratory plate compactor. The final lift was graded to match the respective areas original configuration. The final density of each lift was verified by Atlantic Geotechnical & Environmental Services, Inc. of Jacksonville, Florida in accordance with the American Society of Testing and Materials (ASTM) methods D698-91 and D2216-98. Final compaction of no less than 96 percent was achieved in each excavation area. A copy of the Field Density Test Reports and Proctor Compaction Reports are included in **Appendix D**.

The backfilled areas were sodded utilizing pins to hold the sod in place. The section of fence removed during excavation activities was replaced. All staging areas were returned to pre-remedial conditions.

2.3 Sampling and Analysis

Per the SOW, OVA screening of soils excavated in the North and South areas at Building 312 was not required. Per Addendum 1 to the SOW, no confirmation sampling was required at either the North or South excavation areas located at Building 312. Addendum 1 required that WRS “dig to clean” boundary established by TtNUS.

3.0 Summary and Conclusions

The following summarize the remedial activities conducted at Building 312:

- Over the course of the source removal at the North and South areas at Building 312 OWS, a total of 640.37 tons of PAH and TRPH impacted soil was excavated and disposed. The excavated soil was disposed at Republic Services-Broadhurst Environmental Landfill in Screven, Georgia as non-hazardous waste.
- Three existing site monitor wells (CEF-312LS-5S, CEF-312-02 and CEF-312LS-6S) were abandoned.
- One mid-project change order was authorized by the ROICC. The change order authorized excavation to seven (7) feet bls in the North excavation area adjacent to the OWS and extension of the excavation area to the west in the ditch north of the parking area.
- Visually stained soils remained outside the limits of excavation in the North excavation area in the northeast corner along the east wall at approximately five to seven feet bls.
- No visually stained soils were observed at the limits of the excavation prior to backfilling of the South excavation area.
- No confirmatory soil samples and no soil screening samples were collected from the limits of the excavation per the SOW and relevant addenda.
- A total of 504 yd³ of certified clean backfill was installed and compacted to match the pre-remedial grade. The North and South excavation areas were restored to pre-remedial activity conditions.

4.0 References

CH2M Hill Constructors, Inc., Source Removal Report, Soil Excavation Adjacent to Oil/Water Separator at Building 312, NAS Cecil Field, Jacksonville, Florida, November 2000.

CH2M Hill Constructors, Inc., Source Removal Report, Contaminated Soil Removal at Building 190, NAS Cecil Field, Jacksonville, Florida, November 2001.

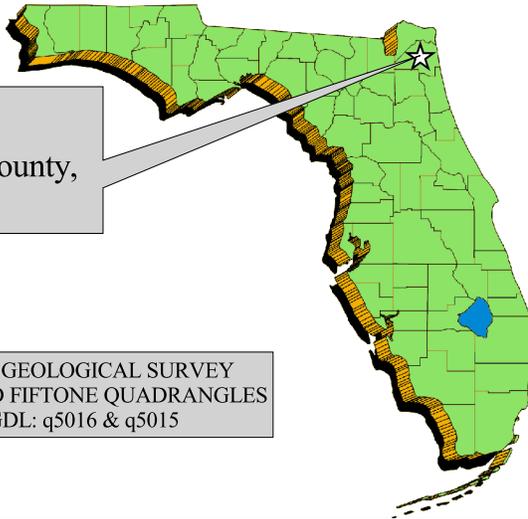
Florida Department of Environmental Protection, Petroleum Contamination Site Cleanup Criteria, Chapter 62-770, FAC, August 1999.

WRS, Workplan, Tank Removal Site 220 and Source Removal 312 OWS Areas, NAS Cecil Field, Jacksonville, Florida, July 2003.

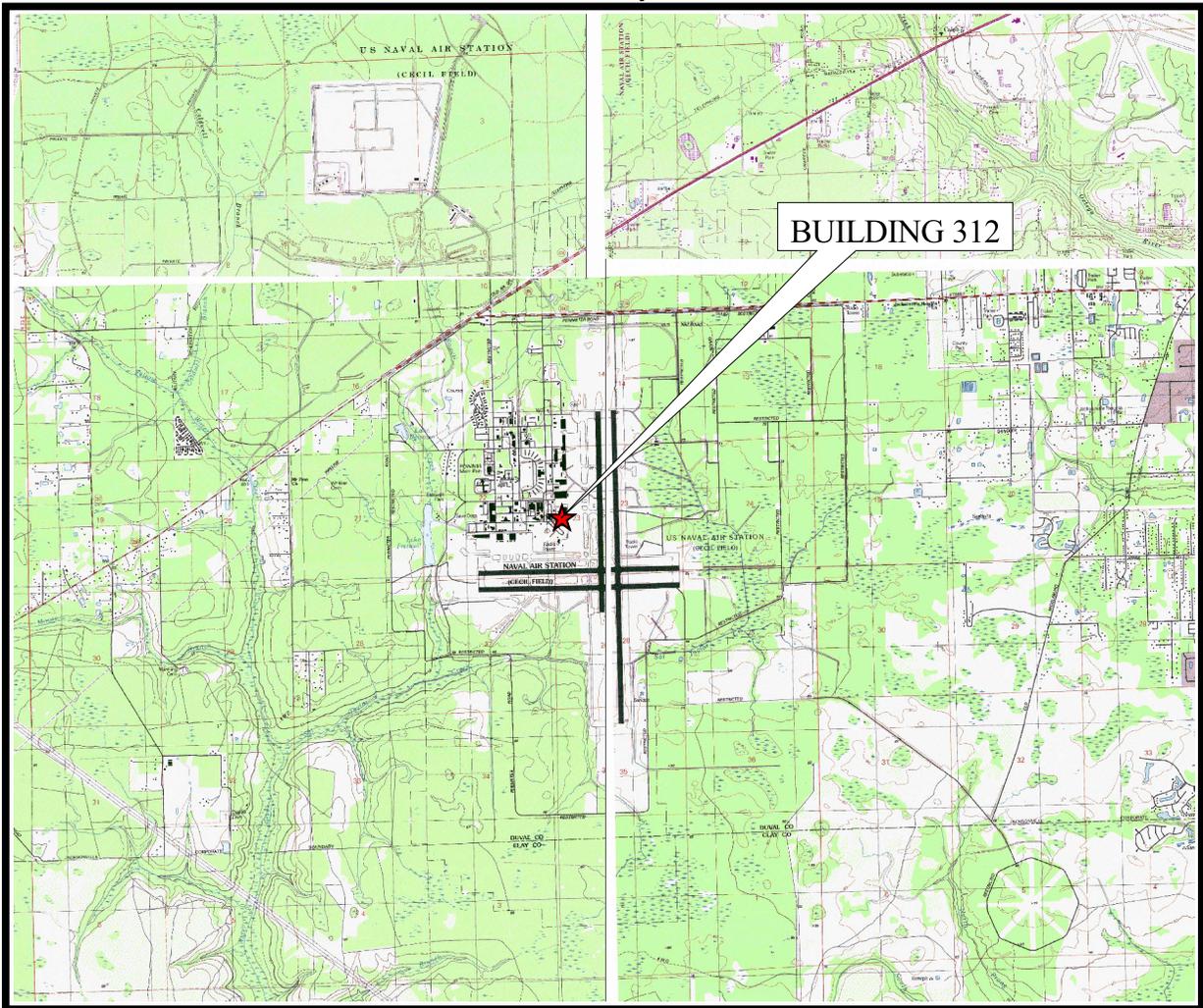
Figures

Site Location:
Jacksonville, Duval County,
Florida

SOURCE: UNITED STATES GEOLOGICAL SURVEY
JACKSONVILLE HEIGHTS AND FIFTONE QUADRANGLES
(S 15, T 03S, R 24E) FGDL: q5016 & q5015



0 5000 10000 Feet



DRAWING STATUS DRAFT FINAL

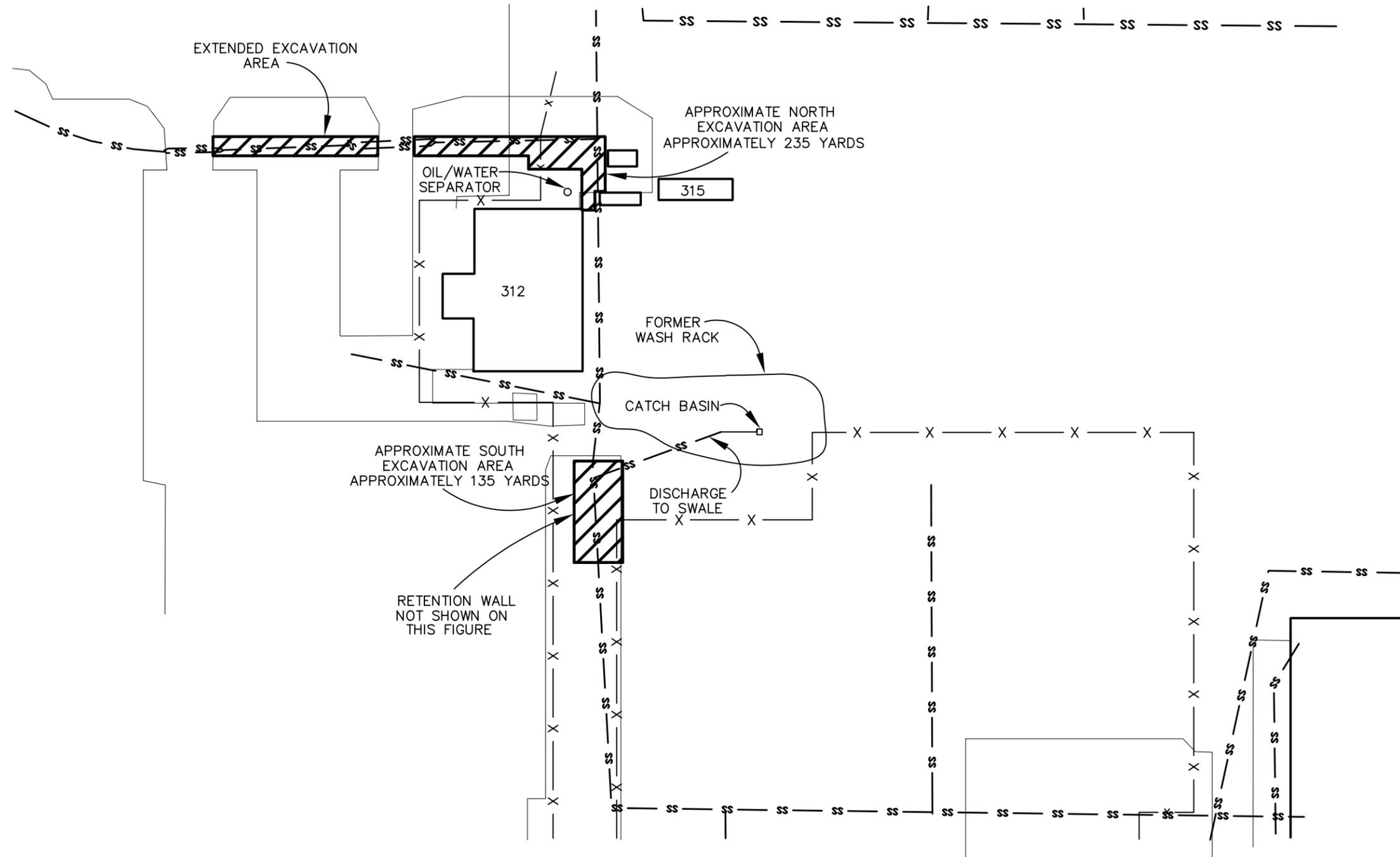
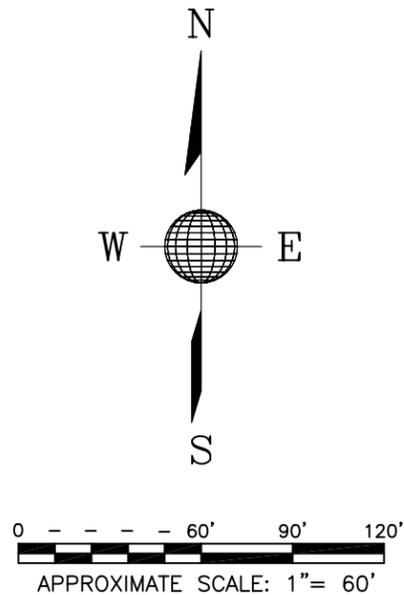
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SCALE: AS SHOWN	CADD ID: 303607C001SVM	PLOT DATE: 10/7/03	CHK BY: D.F.	CHK DATE: 10/7/03	
REVISION NO.:	REVISION DATE:	DRN BY: J.R.L.	DRN DATE: 10/7/03	APPVD BY: B.A.	APPVD DATE: 10/7/03



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FIGURE 1
SITE VICINITY MAP
SOURCE REMOVAL REPORT
NAS CECIL FIELD, BUILDING 312 OWS AREAS
JACKSONVILLE, DUVAL COUNTY, FLORIDA
EMAC, REGION 4, FLORIDA ONLY
CONTRACT NUMBER N62467-02-D-0480



LEGEND:	
— x —	FENCELINE
— ss —	STORM SEWER
	APPROXIMATE EXCAVATION BOUNDARY

DRAWING STATUS		DRAFT	FINAL	<input checked="" type="checkbox"/>
PROJECT NO. : 303607				
PROJECT MANAGER: BRENT ANDERSON				
SCALE: AS SHOWN				
REVISION NO.: 0	REV DATE:			
CADD ID: 303607C001	PLOT DATE: 10/7/03			
DRN BY: J.R.L.	DRN DATE: 10/7/03			
CHK BY: C.N.	CHK DATE: 10/7/03			
APPVD BY: B.A.	APPVD DATE: 10/7/03			



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**FIGURE 2
 SITE MAP
 SOURCE REMOVAL REPORT
 NAS CECIL FIELD, BUILDING 312 OWS AREAS
 JACKSONVILLE, DUVAL COUNTY, FLORIDA
 EMAC, REGION 4, FLORIDA ONLY
 CONTRACT NUMBER N62467-02-D-0480**

Table

TABLE 1
Summary of Non-Hazardous Waste Manifests
Source Removal Report
NAS Cecil Field, Building 312 OWS Excavation Areas
NAS Cecil Field, Jacksonville, Duval County, Florida
WRS Project Number: 303607

Date	Truck Number	Company	Manifest Number	Gross Weight (lbs)	Tare Weight (lbs)	Net Weight (lbs)	Net Weight (tons)	Landfill Net Weight (tons)
9/26/2003	L134	Republic	22041	84020	31200	52820	26.41	26.49
9/26/2003	L104	Republic	22040	82220	31920	50300	25.15	25.39
9/26/2003	L14	Republic	22039	89080	31620	57460	28.73	29.07
9/26/2003	L234	Republic	22038	88960	30440	58520	29.26	29.3
9/26/2003	L246	Republic	22037	85240	31660	53580	26.79	26.84
9/26/2003	L16	Republic	22035	82160	32880	49280	24.64	24.9
9/26/2003	L200	Republic	22036	81520	31380	50140	25.07	25.17
9/26/2003	L204	Republic	22034	79180	30680	48500	24.25	24.33
9/29/2003	L104	Republic	22033	82800	31920	50880	25.44	25.54
9/29/2003	L266	Republic	22032	83240	33040	50200	25.10	25.59
9/29/2003	L14	Republic	22027	82420	31440	50980	25.49	25.69
9/29/2003	L280	Republic	22028	82680	31980	50700	25.35	25.75
9/29/2003	L136	Republic	22029	82560	32880	49680	24.84	24.94
9/29/2003	L252	Republic	22030	80700	32440	48260	24.13	24.21
9/29/2003	W111	Republic	22031	80580	30780	49800	24.90	24.92
9/29/2003	W101	Republic	22026	81360	28500	52860	26.43	26.54
9/29/2003	L178	Republic	22025	81500	29500	52000	26.00	25.47
9/29/2003	L118	Republic	22024	78660	30600	48060	24.03	23.8
9/29/2003	L136	Republic	22015	78980	32880	46100	23.05	23.27
9/29/2003	L252	Republic	22012	80720	32440	48280	24.13	24.31
9/29/2003	L14	Republic	22013	82700	31000	51700	25.85	26.06
9/29/2003	L266	Republic	22014	81760	33040	48720	24.36	24.5
9/29/2003	W109	Republic	22016	74280	28160	46120	23.06	23.15
9/29/2003	W111	Republic	22017	87300	30780	56520	28.26	28.21
9/29/2003	W101	Republic	22023	82760	28500	54260	27.13	26.93
Totals =							637.85	640.37

Notes:

lbs = pounds

Net Weight = as calculated from on-site scale.

Landfill Net Weight = as calculated from landfill scale.

Appendix A
Site Photographs



View of North area prior to excavation showing the limits of excavation. View from West.



View of North area and excavation limits from NE corner of Building 312. The culverts in the photo were removed and reinstalled following excavation.

PROJECT No: 303607

ID: 303400A001.PPT

DATE: 10/14/03



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**SITE PHOTOGRAPHS 1 & 2
SOURCE REMOVAL REPORT
NAS CECIL FIELD, BUILDING 312 OWS AREAS
JACKSONVILLE, DUVAL COUNTY, FLORIDA
EMAC, REGION 4, FLORIDA ONLY
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PAH and TRPH impacted soil stockpile area.



North excavation in progress.

PROJECT No: 303607

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**SITE PHOTOGRAPHS 3 & 4
SOURCE REMOVAL REPORT
NAS CECIL FIELD, BUILDING 312 OWS AREAS
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View of utilities in North area adjacent to OWS and sanitary sewer.



Ruptured sanitary sewer line next to monitor well.

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**SITE PHOTOGRAPHS 5 & 6
SOURCE REMOVAL REPORT
NAS CECIL FIELD, BUILDING 312 OWS AREAS
JACKSONVILLE, DUVAL COUNTY, FLORIDA
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OWS system, sanitary sewer and other utilities in North area. View from South.



Stained soil in North area at approximately 5 feet bls.

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**SITE PHOTOGRAPHS 7 & 8
SOURCE REMOVAL REPORT
NAS CECIL FIELD, BUILDING 312 OWS AREAS
JACKSONVILLE, DUVAL COUNTY, FLORIDA
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CONTRACT NUMBER N62467-02-D-0480**



South excavation in progress. View from the South.



North area backfill and compaction in progress.

PROJECT No: 303607

ID: 303400A001.PPT

DATE: 10/14/03



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**SITE PHOTOGRAPHS 9 & 10
SOURCE REMOVAL REPORT
NAS CECIL FIELD, BUILDING 312 OWS AREAS
JACKSONVILLE, DUVAL COUNTY, FLORIDA
EMAC, REGION 4, FLORIDA ONLY
CONTRACT NUMBER N62467-02-D-0480**



Backfilling and compaction in North area adjacent to OWS system.



Load-out of PAH and TRPH impacted soil.

PROJECT No: 303607

ID: 303400A001.PPT

DATE: 10/14/03



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SITE PHOTOGRAPHS 11 & 12
SOURCE REMOVAL REPORT
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View of South area following restoration activities.



View of North area and reinstalled culverts following restoration activities from the East.

PROJECT No: 303607

ID: 303400A001.PPT

DATE: 10/14/03



**WRS Infrastructure &
Environment, Inc.**

221 HOBBS STREET, SUITE 108., TAMPA, FLORIDA 33619
PH:(813) 684-4400 FAX:(813) 684-9177

SITE PHOTOGRAPHS 13 & 14
SOURCE REMOVAL REPORT
NAS CECIL FIELD, BUILDING 312 OWS AREAS
JACKSONVILLE, DUVAL COUNTY, FLORIDA
EMAC, REGION 4, FLORIDA ONLY
CONTRACT NUMBER N62467-02-D-0480



View of North area and reinstalled culverts following restoration activities from the West.



View of North area adjacent to OWS system following restoration activities.

PROJECT No: 303607

ID: 303400A001.PPT

DATE: 10/14/03



**WRS Infrastructure &
Environment, Inc.**

221 HOBBS STREET, SUITE 108., TAMPA, FLORIDA 33619
PH:(813) 684-4400 FAX:(813) 684-9177

SITE PHOTOGRAPHS 15 & 16
SOURCE REMOVAL REPORT
NAS CECIL FIELD, BUILDING 312 OWS AREAS
JACKSONVILLE, DUVAL COUNTY, FLORIDA
EMAC, REGION 4, FLORIDA ONLY
CONTRACT NUMBER N62467-02-D-0480

Appendix B
Contractor Production Reports

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **9/23/03**

CONTRACT NO
W62467-02-D-0480

TITLE AND LOCATION
**Source Removal 312 OWS Areas
Cecil Field - Jacksonville, Florida**

REPORT NO
002

CONTRACTOR
WRS-Infrastructure & Environment, Inc.

SUPERINTENDENT
TERRY GREEN

AM WEATHER
Partly Cloudy (warm)

PM WEATHER
Partly Cloudy (Hot)

MAX TEMP (F)

MIN TEMP (F)

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Building 312 - Source Removal	TERRY GREEN	37	Site Superintendent	12.5
	Building 312 - Source Removal	Jeff Smith	100	Equipment Operator	11.75
	Building 312 - Source Removal	William Strong	827	Technician	11.25
	Building 312 - Source Removal	Dennis Walucci	56	Senior Technician	11.75
	SITA 220 TANK REMOVAL	GORDON DAVIS	884	STAFF SCIENTIST	6.75

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE THIS DATE, INCL CONT SHEETS	54
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	75
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	129
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	<input type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	HEAT STRESS, SLIPS TRIPS FALLS HEAVY EQUIPMENT OPERATIONS, UNDERGROUND UTILITIES + PETROLEUM CONTAMINANTS WERE TODAY'S SAFETY TOPICS	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)		
Schedule Activity No.	Submittal #	Description of Equipment/Material Received
		DUZAR 650 LCP 201098036

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.			
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
		LOADER L 700U 14836	4
		TRUCK 103464, 165213	11.75 EA
		TRUCK 103271	6.75
		TRUCK 103993	12.5
		BACK HOE 350L 221050306	4
		DUZAR 650 G LCP 201098036 / ESCAVATOR 4243	8.5

Schedule Activity No.	REMARKS

_____ CONTRACTOR/SUPERINTENDENT	9/23/03 DATE
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CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 9/23/03
REPORT NO 002

PHASE CONTRACT NO W62467-02-D-0480

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES NO
IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	SPEC SEC.
	<u>Site 312 Source Removal - Tank Removal Site 220</u>	
	<u>Discuss hazards and how to minimize hazards at work area (312 building)</u>	
	<u>Slip-Trip-Fall - Utilities above & below ground.</u>	
	<u>Unstable/uneven terrain.</u>	

INITIAL

WAS INITIAL PHASE WORK PERFORMED TODAY? YES NO
IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	SPEC SEC.
	<u>Site 312 Source Removal - Tank Removal Site 220</u>	
	<u>The objective is to excavate to 5 and 3 ft. below land surface.</u>	

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO
WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	<u>Starting at Northeast corner of building 312 approx 67' north by 13' wide was excavated using shovels, backhoe and trackhoe. The limits of the excavation is 5' from top of ditch and 3' from bottom of ditch.</u>
	<u>Other below ground utilities Gas-Water-Sewer-Ect was located in ditch line going east and west.</u>
	<u>Clean and Secure all work areas.</u>
	<u>COLLECT 3 CONFIRMATION SAMPLES OF H2S AND SO2 AT SITE 220 FOR Q310, FUPED, 2021820 ANALYSIS</u>

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description
	<u>N/A</u>

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Items From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)

Schedule Activity No.	Description
	<u>N/A</u>

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to be best of my knowledge except as noted in this report

Terry Green 9/23/03
AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE REPRESENTATIVE	DATE	GOVERNMENT QUALITY ASSURANCE SUPERVISOR	DATE	GOVERNMENT PM CODE
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CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 9/24/03

CONTRACT NO
N62467-02-D-0485

TITLE AND LOCATION
Site 312. Source Removal

REPORT NO
003

CONTRACTOR _____ SUPERINTENDENT _____

AM WEATHER
Mostly Cloudy (Hot)

PM WEATHER
Partly Sunny (Hot)

MAX TEMP (F) _____

MIN TEMP (F) _____

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	<u>BUILDING 312 SOURCE REMOVAL</u>	<u>TERRY GREEN</u>	<u>37</u>	<u>SITE SUPERINTENDENT</u>	<u>12.5</u>
	<u>BUILDING 312 SOURCE REMOVAL</u>	<u>SAF SMITH</u>	<u>100</u>	<u>EQUIPMENT OPERATOR</u>	<u>11.25</u>
	<u>BUILDING 312 SOURCE REMOVAL</u>	<u>WILLIAM STANTON</u>	<u>27</u>	<u>TECHNICIAN</u>	<u>11.25</u>
	<u>BUILDING 312 SOURCE REMOVAL</u>	<u>DENNIS HALL</u>	<u>50</u>	<u>SITE TECHNICIAN</u>	<u>11.25</u>

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	<u>45.25</u>
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	<u>129</u>
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	<u>175.25</u>	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO			

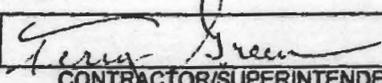
Schedule Activity No. _____ LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED _____ SAFETY REQUIREMENTS HAVE BEEN MET.

HELD HEALTH + SAFETY MEETINGS TODAY TOPICS: EXCAVATION SAFETY, HEAVY EQUIPMENT OPERATING, SLIPS, TRIPS, FALLS, CONTACT WITH CONTAMINATED SOILS, PROPER SAFETY EQUIPMENT PROTECTION, AND UNDERGROUND UTILITIES.

Schedule Activity No.	Submittal #	Description of Equipment/Material Received	
		<u>2 LOADS OF BACK FILL</u>	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.			
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (Incl Make and Model)	Hours Used
		<u>LOADER L700U VOLVO</u>	<u>4.5</u>
		<u>BACK HOE 585L CASE</u>	<u>0</u>
		<u>DOLBY 650G LCP</u>	<u>0</u>
		<u>TRACK HOE EXCAVATOR 4243 KOBELCO</u>	<u>3</u>
		<u>COMPACTOR BPA 33</u>	<u>0</u>
		<u>TRUCK 115 213 + 103753 / 103464</u>	<u>16.25 / 12</u>

Schedule Activity No. _____ REMARKS _____



 CONTRACTOR/SUPERINTENDENT

9/24/03
 DATE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 9/24/03
REPORT NO 003

PHASE CONTRACT NO N62467-02-D-0480

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		SPEC SEC.
	<u>Site 312 Source Removal</u>	
	<u>Tank Removal - Site 220</u>	

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		SPEC SEC.
	<u>Site 312 Source Removal</u>	
	<u>Tank Removal - Site 220</u>	

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
		<u>Begin excavating at west end of ditch line to a depth of 5' b/s going east just past gas line (approx 15'). The excavation at N.E. corner of building continued to first set of coverts at a depth of 7' b/s and width of approx 20'. Begin bringing in clean backfill - 7 loads to site 312 and 1 load to site 220. Completed Site 220.</u>
		<u>NOTE: bottom 1/4'. Elevation shots were collected on both ends of coverts and bottom of ditch before removal.</u>

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	<u>N/A</u>		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	<u>N/A</u>

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to be best of my knowledge except as noted in this report


 AUTHORIZED QC MANAGER AT SITE DATE 9/24/03

GOVERNMENT QUALITY ASSURANCE REPORT

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT		DATE
Schedule Activity No.	Description	

GOVERNMENT QUALITY ASSURANCE REPRESENTATIVE	DATE	GOVERNMENT QUALITY ASSURANCE SUPERVISOR	DATE	GOVERNMENT PM CODE
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CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE

9/25/03

CONTRACT NO

162167-02-D-0480

TITLE AND LOCATION

Site 312 Source Removal

REPORT NO

004

CONTRACTOR

WRS

SUPERINTENDENT

TERRY GREEN

AM WEATHER

Cloudy (Hot)

PM WEATHER

Partly Sunny (Hot)

MAX TEMP (F)

MIN TEMP (F)

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Site 312	Terry Green	37	Site Superintendent	11
	Site 312	Jeff Smith	100	Equipment Operator	10.75
	Site 312	William Strong	827	Technician	10.75
	Site 312	Dennis Malucci	56	Senior Technician	10.75

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS	43.25
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	175.25
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	218.5	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO			

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	HELD HEALTH + SAFETY MEETING - TODAY TOPICS: EDUCATION SAFETY, SLIPS/TIPS, FALLS, RAIN, LIGHTNING, UNSTABLE POWER LINES HAZARDS, UNOCCUPIED UTILITIES, HEAVY EQUIPMENT OPERATIONS + SAFE LOAD OUT PROCEDURES.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)		
Schedule Activity No.	Submittal #	Description of Equipment/Material Received
		5- LOADS OF BACK FILL

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER			
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
		LOADER L705N VOLVO	7
		TRACK HOR 4243 KOBEKO	7
		COMPACTOR BP4 33	4

Schedule Activity No.	REMARKS

_____ CONTRACTOR/SUPERINTENDENT	9/25/03 DATE
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CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 9/25/03
REPORT NO 004

PHASE CONTRACT NO N62467-02-D-0480

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

PREPARATORY

Schedule Activity No.	Definable Feature of Work	SPEC SEC.
	<u>Site 312 Source Removal</u>	

WAS INITIAL PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

INITIAL

Schedule Activity No.	Definable Feature of Work	SPEC SEC.
	<u>Site 312 Source Removal</u>	

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO
 WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

FOLLOW-UP

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	<u>The source removal activities were completed up to first set of coverts backfill-compaction-etc. (No Sod). One spot was left open for sewer repair. Other activities include excavating to a depth of 7' b/s going west to second set of coverts at a width of approx 15'. All excavated soil was stockpiled and covered with 6 mil plastic sheeting (visqueen). Three monitor wells were grouted located east side of fence.</u>
	<u>NE side of building</u>

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description	Schedule Activity No.	Description
	<u>N/A</u>		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)

Schedule Activity No.	Description
	<u>N/A</u>

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to be best of my knowledge except as noted in this report


 AUTHORIZED QC MANAGER AT SITE DATE 9/25/03

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE REPRESENTATIVE:	DATE	GOVERNMENT QUALITY ASSURANCE SUPERVISOR	DATE	GOVERNMENT PM CODE
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CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 9/26/03
REPORT NO 005

PHASE CONTRACT NO N62467-02-D-0480

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		<u>Soil T&D</u> <u>Site 312 Source Removal</u>
		SPEC SEC.

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		<u>Soil T&D</u> <u>Site 312 Source Removal</u>
		SPEC SEC.

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
		<u>Begin soil loadout activities with a total of 8 trucks completed. All excavating was completed North and South sides of building 312. Continue backfill - compaction - and slope dressing operations. Other activities include stockpiling impacted soil and covering with 6 mil plastic sheeting (Visqueen). Clean and secure all work areas.</u>

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)	
Schedule Activity No.	Description
	<u>N/A</u>

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	<u>N/A</u>

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to be best of my knowledge except as noted in this report


 AUTHORIZED QC MANAGER AT SITE DATE 9/26/03

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE REPRESENTATIVE	DATE	GOVERNMENT QUALITY ASSURANCE SUPERVISOR	DATE	GOVERNMENT PM CODE
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CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE **9/27/03**

CONTRACT NO
W62467-02-D-0480

TITLE AND LOCATION
**NAS Cecil Field
Jacksonville, Florida.**

REPORT NO
006

CONTRACTOR
URS

SUPERINTENDENT
TERRY GREEN

AM WEATHER
Foggy Warm

PM WEATHER
Hot / Clear

MAX TEMP (F) MIN TEMP (F)

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	312 Site Preparation	Terry Green	37	Superintendent	7.5
	312 Site Preparation	Teff Smith	100	Equipment Operator	8
	312 Site Preparation	William Strength	827	Technician	8
	312 Site Preparation	Dennis Malucci	56	Senior Technician	7.5

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE THIS DATE, INCL CONT SHEETS	31
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	265
	WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	296
	WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	<input checked="" type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	CONDUCTED HEALTH & SAFETY MEETINGS - TOPICS: HEAVY EQUIPMENT OPERATIONS, SLIPS TRIPS & FALLS, OVERHEAD UTILITIES HAZARDS, HAZARD STORES (KELCO HYDRANTS), AND OVER EXPOSURE TO SUNLIGHT (USE SUN BLOCK).	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)		
Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.			
Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
		LOADER L70 VOLVO H010280035 124	1
		TRACK HOE KOBELCO 4243	4
		BACK HOE CASE 5802	1
		DOZER SDHW JACRE 650G	1.5
		COMPACTOR BPU 33	2

Schedule Activity No.	REMARKS

_____ CONTRACTOR/SUPERINTENDENT	9/27/03 DATE
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CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 9/27/03
REPORT NO 006

PHASE CONTRACT NO N62467-02-D-0480

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	SPEC SEC.
		<u>Site Preparation</u>	

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	SPEC SEC.
		<u>Site Preparation</u>	

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	SPEC SEC.
		<u>The set of coverts were reinstalled to original location and depth using survey equipment. Complete backfill and compaction activities using plate compactor and heavy equipment. Other activities include dressing slopes and general clean up.</u> <u>Secure all work areas.</u>	

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description
	<u>N/A</u>		

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	<u>N/A</u>

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to be best of my knowledge except as noted in this report

9/27/03
 AUTHORIZED QC MANAGER AT SITE DATE

GOVERNMENT QUALITY ASSURANCE REPORT

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE REPRESENTATIVE	DATE	GOVERNMENT QUALITY ASSURANCE SUPERVISOR	DATE	GOVERNMENT PM CODE
---	------	---	------	--------------------

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 9/29/03
REPORT NO 007

PHASE CONTRACT NO N62467-e2-D-0480

PREPARATORY

WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	SPEC SEC.
	<u>Soil T+D</u>	

INITIAL

WAS INITIAL PHASE WORK PERFORMED TODAY? YES NO

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	SPEC SEC.
	<u>Soil T+D</u>	

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES NO

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
	<u>Complete soil loadout procedures with 17 loads. (Total for job 25 loads.) AGES on site and conducted 4 field density tests - All passed with 100, 100, 99 and 96.</u>
	<u>The asphalt was repaired in three places using quick patch asphalt. Begin fence repair on southside of building 312. All rental equipment companies called for release.</u>
	<u>All work areas clean and secure.</u>

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description
	<u>N/A</u>

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)

Schedule Activity No.	Description
	<u>N/A</u>

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to be best of my knowledge except as noted in this report


 AUTHORIZED QC MANAGER AT SITE DATE 9/29/03

GOVERNMENT QUALITY ASSURANCE REPORT

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE REPRESENTATIVE	DATE	GOVERNMENT QUALITY ASSURANCE SUPERVISOR	DATE	GOVERNMENT PM CODE
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CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE
October 1, 2003

CONTRACT NO
N62467-02-D-0480-002

TITLE AND LOCATION
Tank Removal Site 220 and Source Removal 312 OWS Areas

REPORT NO

CONTRACTOR
WRS Infrastructure & Environment

SUPERINTENDENT
Mr. Terry Green

AM WEATHER
Overcast and warm (high 60's)

PM WEATHER
Partly cloudy and warm (mid to upper 70's)

MAX TEMP (F)
81

MIN TEMP (F)
66

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
	Building 312 Sod Installation				13.5

JOB SAFETY	WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CONT SHEETS
	WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)				TOTAL WORK HOURS FROM START OF CONSTRUCTION
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)				
		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	<input type="checkbox"/> SAFETY REQUIREMENTS HAVE BEEN MET.
	Inspected sloped areas for slip/trip/fall hazards.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
		11 pallets of Bermuda sod; 500 square feet per pallet

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Nations Rent	Front End Loader; Volvo L70	1.5

Schedule Activity No.	REMARKS

Chad D. Northington CONTRACTOR/SUPERINTENDENT	10/01/03 DATE
--	------------------

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE October 1, 2003
REPORT NO

PHASE CONTRACT NO N62467-02-D-0480

PREPARATORY	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		SPEC SEC.

INITIAL	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work
		Site Restoration
		SPEC SEC.

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)	
Schedule Activity No.	Description
	Sod installation complied with specs (Bermuda, staked on slopes of ditch line)

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to be best of my knowledge except as noted in this report

AUTHORIZED QC MANAGER AT SITE

DATE

GOVERNMENT QUALITY ASSURANCE REPORT

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE REPRESENTATIVE	DATE	GOVERNMENT QUALITY ASSURANCE SUPERVISOR	DATE	GOVERNMENT PM CODE
---	------	---	------	--------------------

Appendix C
Non-Hazardous Waste Manifests, Landfill Receipts, Truck Tracking Log

Truck Tracking Log

JOB TITLE: *NAS CECIL*
 WRS PROJECT NUMBER: *303607*

GROSS WT. (LBS) TARE WT. (LBS) NET WT. (LBS) TOTAL (TONS)

DATE	LOAD NUMBER	TRUCK NUMBER	MANIFEST NUMBER	SCHEDULE TIME OF ARRIVAL	ACTUAL TIME OF ARRIVAL	NEW SCHEDULE TIME	TIME START OF DEMURGE	ACTUAL DEPART. TIME	DEMURGE TIME	DEPT
9-26-03	1	L134	22041		0950	84020	31200	52820	26.41	10
	2	L104	22040		1000	82220	31920	50300	25.15	103
	3	L14	22039		1013	89080	31620	57460	28.73	104
9-26-03	4	L234	22038		1015	82960	30440	58520	29.26	108
	5	L246	22037		1025	85240	31660	53580	26.79	110
	6	L16	22035		1050	82160	32880	49280	24.64	115
	7	L200	22036		1051	81520	31380	50140	25.07	118
9-26-03	8	L204	22034		1052	79180	30680	48500	24.25	114
9-29-03	9	L104	22033		0725	82800	31920	50880	25.74	07
	10	L266	22032		0750	83240	33040	50200	25.10	08
	11	L14	22027		0752	82420	31440	50980	25.49	08
	12	L280	22028		0756	83680	31980	50700	25.35	085
9-29-03	13	L136	22029		0812	82560	32880	49680	24.84	084
	14	L252	22030		0813	80700	32440	48260	24.13	084
	15	W111	22031		0910	80580	30780	49800	24.90	092
	16	W101	22026		0901	81360	28500	52860	26.43	09
	17	L178	22025		0918	81500	29500	52000	26.0	094
	18	L118	22024		0950	78660	30600	48060	24.03	100
9-29-03	19	L136	22015		1315	78980	32880	46100	23.05	134
	20	L252	22012		1316	80720	32440	48280	24.13	133
	21	L14	22013		1355	82700	31000	51700	25.85	142
	22	L266	22014		1445	81760	33040	48720	24.36	145
	23	W109	22016		1555	74280	28160	46120	23.06	161
	24	W111	22017		1618	87300	30780	56520	28.26	161
9-29-03	25	W101	22023		1620	82760	28500	54260	27.13	163
	26									
	27									
	28									
	29									
	30									
	31									
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	48									
	49									
	50									

Broadhurst Environmental
4000 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235229
Date/Time In: 26 September 2003 1:56 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 204**22034 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2107 NORTHLAKE PARKWAY

Inbound -

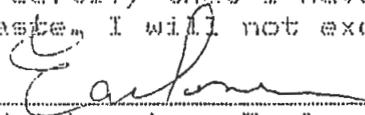
TUCKER, GA 30084

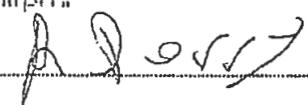
00 Gross Weight 79,000.00 LB
Tare Weight 30,340.00 LB
Net Weight 48,660.00 LB 24.33 TN

Quantity	Unit	Description	Rate	Total
24.33	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste, I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

**NON-HAZARDOUS
 WASTE MANIFEST**

1. Generator's US EPA ID No.
 N/A

Manifest
 Document No.
 22034

2. Page 1
 of 1

L209

3. Generator's Name and Mailing Address
 Naval Air Station, Cecil Field
 Cecil Field Site 220 and 312 OWS
 Jacksonville, FL 32221
 4. Generator's Phone (813) 918-7031

→ Department of the Navy
 Southern Div. New Face Eng Com
 ROICC
 P.O. Box 140010, 2155 Eagle Drive
 NC Charleston, SC 29419

5. Transporter 1 Company Name
 Republic Services, Inc.

6. US EPA ID Number
 N/A

A. Transporter's Phone
 912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number
 N/A

C. Facility's Phone

Republic Services - Broadhurst Env.
 4800 Broadhurst Road West
 Screven, GA 31560

912 530-7050

11. Waste Shipping Name and Description

12. Containers No.	Type	13/ Total Quantity	14. Unit Wt/Vol
-----------------------	------	--------------------------	-----------------------

a. TPH Impacted Soil
 Non-Hazardous, Non-Regulated

Profile # *33477*

001	D-T	00022	T
-----	-----	-------	---

GENERATOR

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G Mosley

Signature

Arthur G Mosley

Month Day Year

09/17/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Monty Perry

Signature

Monty Perry

Month Day Year

09/16/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

MLL 13) ACTUAL WEIGHT _____ TONS

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

Printed/Typed Name

Earlene Lambeth

Signature

Earlene Lambeth

Month Day Year

09/16/03

FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 23522A
Date/Time In: 26 September 2003 1:53 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 16**22035 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY
TUCKER, GA 30004

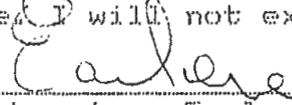
Inbound -

00 Gross Weight 81,900.00 LB
Tare Weight 32,100.00 LB
Net Weight 49,800.00 LB 24.90 TN

Quantity	Unit	Description	Rate	Total
24.90	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Changes:

I certify that I have not disposed of any liquid or hazardous waste and will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

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

NON-HAZARDOUS WASTE MANIFEST 1. Generator's US EPA ID No. N/A Manifest Document No. 22033 2. Page 1 of 1

3. Generator's Name and Mailing Address → Department of The Navy
Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221
 4. Generator's Phone (813) 918-7031 ROICE
PO, Box 190010, 2155 Eagle Drive
N. Charleston, SC 29419

5. Transporter 1 Company Name Republic Services, Inc. 6. US EPA ID Number N/A A. Transporter's Phone 912 530-7050

7. Transporter 2 Company Name 8. US EPA ID Number B. Transporter's Phone

9. Designated Facility Name and Site Address Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560 10. US EPA ID Number N/A C. Facility's Phone 912 530-7050

11. Waste Shipping Name and Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. <u>TPH Impacted Soil</u> <u>Non-Hazardous, Non-Regulated</u> Profile # <u>33477</u>	<u>001</u>	<u>D.T</u>	<u>00022</u>	<u>EST</u> <u>T</u>
b.	.	.	.	.
c.	.	.	.	.
d.	.	.	.	.

D. Additional Descriptions for Materials Listed Above E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Arthur G. Mosley Signature Arthur G. Mosley Month Day Year 10 9 12 6 10 3

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name Sam Jones Signature Sam Jones Month Day Year 10 9 12 6 10 3

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

19. Discrepancy Indication Space
M.L.L 13) ACTUAL WEIGHT 24.90 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Broadhurst Environmental
 Printed/Typed Name Earlene Lambeth Signature Earlene Lambeth Month Day Year 10 9 12 6 10 3

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31550
Phone (912) 530-7050

Ticket: 235226
Date/Time In: 26 September 2003 1:58 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 200**22036 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

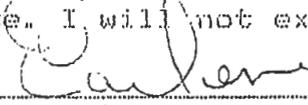
TUCKER, GA 30084

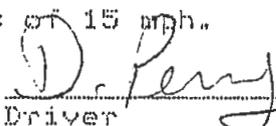
00 Gross Weight 81,340.00 LB
Tare Weight 31,000.00 LB
Net Weight 50,340.00 LB 25.17 TN

Quantity	Unit	Description	Rate	Total
25.17	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

Please print or type
Form designed for use on 8 1/2" pitch typewriter.

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.
N/A

Manifest Document No.
22036

2. Page 1
of 1

L-200

3. Generator's Name and Mailing Address
Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221
4. Generator's Phone (813) 918-7031
*Department of The Navy
Southern Div. New Facility Com
RAICC
PO Box 140010, 215 Fangle Drive
N. Charleston, SC 29419*

5. Transporter 1 Company Name
Republic Services, Inc.
6. US EPA ID Number
N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name
8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560
10. US EPA ID Number
N/A

C. Facility's Phone
912 530-7050

11. Waste Shipping Name and Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. TPH Impacted Soil Non-Hazardous, Non-Regulated Profile # 33477	001	D-T	00022	EST T
b.	.	.	.	.
c.	.	.	.	.
d.	.	.	.	.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Arthur G. Masley
Signature: *Arthur G. Masley*
Month Day Year: 09/26/03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Donald Perry
Signature: *Donald Perry*
Month Day Year: 10/26/03

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

19. Discrepancy Indication Space
MLL 13) ACTUAL WEIGHT 25.17 TONS

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Broadhurst Environmental
Printed/Typed Name: Earlene Lambeth
Signature: *Earlene Lambeth*
Month Day Year: 10/26/03

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4000 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235213
Date/Time In: 26 September 2003 1:14 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: L246**22037
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY
TUCKER, GA 30084

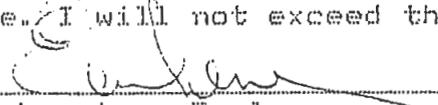
Inbound -

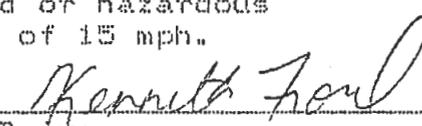
00 Gross Weight 85,100.00 LB
Tare Weight 31,420.00 LB
Net Weight 53,680.00 LB 26.84 TN

Quantity	Unit	Description	Rate	Total
26.84	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Document No. 22037

2. Page 1 of 1

3. Generator's Name and Mailing Address → Department of The Navy
Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221
4. Generator's Phone (813) 918-7031
Southern Div, Naval Facility Com
PO Box 140010, 2155 Eagle Drive
N. Charleston, SC 29419

5. Transporter 1 Company Name Republic Services, Inc. 6. US EPA ID Number N/A

A. Transporter's Phone 912 530-7050

7. Transporter 2 Company Name 8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560 10. US EPA ID Number N/A

C. Facility's Phone 912 530-7050

11. Waste Shipping Name and Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. TPH Impacted Soil Non-Hazardous, Non-Regulated Profile # 33477	001	D-T	EST 00022	T
b.	.	.	.	.
c.	.	.	.	.
d.	.	.	.	.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Arthur G. Masley Signature Arthur G. Masley Month Day Year 10 9 26 10 3

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Kenneth Ford Signature Kenneth Ford Month Day Year 10 9 26 10 3

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

19. Discrepancy Indication Space
MLL 13) ACTUAL WEIGHT 26.84 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Broadhurst Environmental
Printed/Typed Name Carlene Lambeth Signature Carlene Lambeth Month Day Year 10 06 10 3

GENERATOR FACILITY TRANSPORTER

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235214
Date/Time In: 26 September 2003 1:16 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 234**22038 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2107 NORTHLAKE PARKWAY

Inbound -

TUCKER, GA 30084

00 Gross Weight 88,840.00 LB
Tare Weight 30,240.00 LB
Net Weight 58,600.00 LB 29.30 TN

Quantity	Unit	Description	Rate	Total
29.30	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.

Maintenance Employee

Driver

Please Print or Type
 (Form designed for use on 8 1/2" (12-pin) typewriter)

**NON-HAZARDOUS
 WASTE MANIFEST**

1. Generator's US EPA ID No.
 N/A

Manifest Document No.
 22038

2. Page 1
 of 1

3. Generator's Name and Mailing Address
 Naval Air Station, Cecil Field
 Cecil Field Site 220 and 312 OWS
 Jacksonville, FL 32221
 4. Generator's Phone (813) 918-7031
*Department of The Navy
 Southern Div. Naval Facilities Com
 Route
 PO Box 190010, 2155 Eagle Drive
 N. Charleston, SC, 29419*

5. Transporter 1 Company Name
 Republic Services, Inc.

6. US EPA ID Number
 N/A

A. Transporter's Phone
 912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
 Republic Services - Broadhurst Env.
 4800 Broadhurst Road West
 Screven, GA 31560

10. US EPA ID Number
 N/A

C. Facility's Phone
 912 530-7050

11. Waste Shipping Name and Description

12. Containers	13. Total Quantity	14. Unit Wt/Vol
No. Type		

a. TPH Impacted Soil
 Non-Hazardous, Non-Regulated Profile # 33477

		EST	
001	D-T	00022	T

b.

--	--	--	--

c.

--	--	--	--

d.

--	--	--	--

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
 24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
 Arthur G. Mosky

Signature
Arthur G. Mosky

Month Day Year
 10 9 26 03

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name
 Willie Ivey

Signature
Willie Ivey

Month Day Year
 10 9 26 03

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

Signature

Month Day Year

19. Discrepancy Indication Space
 M.L.I 13) ACTUAL WEIGHT 29,30 TONS

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

Printed/Typed Name
 Earlene Lambeth

Signature
Earlene Lambeth

Month Day Year
 10 26 03

GENERATOR
TRANSPORTER
FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235201
Date/Time Ins: 26 September 2003 12:35 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 14 BEAVER**
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2107 NORTHLAKE PARKWAY

Inbound -

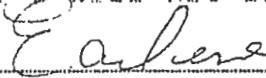
TUCKER, GA 30084

00 Gross Weight 89,120.00 LB
Tare Weight 30,980.00 LB
Net Weight 58,140.00 LB 29.07 TN

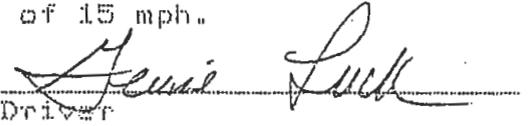
Quantity	Unit	Description	Rate	Total
29.07	TN	Contaminated Soil		

Net Amount: ---
Tendered: 00.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.



Weighmaster: Earlene



Driver

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest Document No.
22039

2. Page 1
of 1

3. Generator's Name and Mailing Address

Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221

Department of The Navy
Southern Div. NAWFAC Eng Com
Rtice
P.O. Box 190010, 2155 Eagle Drive
N. Charleston, SC 29419

4. Generator's Phone (813) 918-7031

5. Transporter 1 Company Name
Republic Services, Inc.

6. US EPA ID Number
N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560

10. US EPA ID Number
N/A

C. Facility's Phone

912 530-7050

11. Waste Shipping Name and Description

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated

Profile # 33477

12. Containers
No. Type

001 D.T

13. Total
Quantity

EST
00022

14. Unit
Wt/Vol

T

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G. Mosby

Signature

Arthur G. Mosby

Month Day Year

09/26/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Gennis Lull

Signature

Gennis Lull

Month Day Year

10/26/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

M.L.I. 13) ACTUAL WEIGHT 29.07 TONS

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

Broadhurst Environmental

Printed/Typed Name

Earlene Lambeth

Signature

Earlene Lambeth

Month Day Year

9/06/03

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Tickets: 235196
Date/Time In: 26 September 2003 12:25 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 104**22040 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

TUCKER, GA 30084

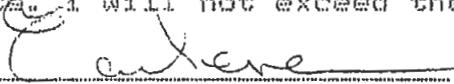
Inbound -

00 Gross Weight 82,320.00 LB
Tare Weight 31,540.00 LB
Net Weight 50,780.00 LB 25.39 TN

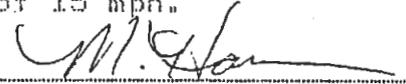
Quantity	Unit	Description	Rate	Total
25.39	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.



Weighmaster: Earlene



Driver

L-104

Form designed for use on elite (12 pinch) typewriter.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest Document No. 22040

2. Page 1 of 1

3. Generator's Name and Mailing Address

Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221

Department of The Navy
Southern Div. Naval Engcom
ROICC
PO Box 190010, 2155 Eagle Drive
N. Charleston, SC 29419

4. Generator's Phone (813) 918-7031

5. Transporter 1 Company Name
Republic Services, Inc.

6. US EPA ID Number

N/A

A. Transporter's Phone

912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560

10. US EPA ID Number

N/A

C. Facility's Phone

912 530-7050

11. Waste Shipping Name and Description

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated Profile # 33477

12. Containers
No. Type

001 D-T

13. Total Quantity

EST

00022

14. Unit Wt/Vol

T

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G. Masley

Signature

Arthur G. Masley

Month Day Year

09/26/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

M. Hamor Sr.

Signature

M. Hamor Sr.

Month Day Year

09/26/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

.

19. Discrepancy Indication Space

M.L.I 13) ACTUAL WEIGHT 25.39 TONS

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

Broadhurst Environmental

Printed/Typed Name

Earlene Lambeth

Signature

Earlene Lambeth

Month Day Year

09/26/03

Prepared by: J. NELLER & ASSOCIATES, INC.
Normal, WI 54957-0368

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235197
Date/Time In: 26 September 2003 12:25 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 134**22041 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

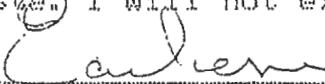
TUCKER, GA 30084

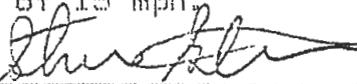
00 Gross Weight 83,840.00 LB
Tare Weight 30,860.00 LB
Net Weight 52,980.00 LB 26.49 TN

Quantity	Unit	Description	Rate	Total
26.49	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Earlene
Weighmaster, Earlene


Driver

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A Manifest Document No. 22-041 2. Page 1 of 1

3. Generator's Name and Mailing Address
Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221
4. Generator's Phone (813) 918-7031
*Mail To,
Department of the Navy
Southern Division NewFaceCOM
ROJCC
PO Box 190010, 2155 Eagle Drive
N. Charleston, SC 2949*

5. Transporter 1 Company Name Republic Services, Inc. 6. US EPA ID Number N/A A. Transporter's Phone 912 530-7050

7. Transporter 2 Company Name _____ 8. US EPA ID Number _____ B. Transporter's Phone _____

9. Designated Facility Name and Site Address
Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560 10. US EPA ID Number N/A C. Facility's Phone 912 530-7050

11. Waste Shipping Name and Description 12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated Profile # 33477 0 0.1 D.T 0 0.0 2.2 T

b. _____

c. _____

d. _____

D. Additional Descriptions for Materials Listed Above E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056
L-134

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Arthur G. Mosley Signature [Signature] Month Day Year 10 9 26 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Steve Carter Signature [Signature] Month Day Year 10 9 26 03

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

19. Discrepancy Indication Space
MLL 13) ACTUAL WEIGHT 26.49 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Broadhurst Environmental
Printed/Typed Name Earlene Lambeth Signature [Signature] Month Day Year 10 9 26 03

GENERATOR
TRANSPORTER
FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235514
Date/Time In: 29 September 2003 3:40 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 252**22012 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

-Inbound -

TUCKER, GA 30084

00 Gross Weight 00,500.00 LB
Tare Weight 31,960.00 LB
Net Weight 48,620.00 LB 24.31 TN

Quantity	Unit	Description	Rate	Total
24.31	TN	Contaminated Soil		

Net Amount: \$
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.

[Signature]

Neighborhood, Erlang

[Signature]

Lund

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

**NON-HAZARDOUS
 WASTE MANIFEST**

1. Generator's US EPA ID No. N/A Manifest Document No. 22012 2. Page 1 of 1

3. Generator's Name and Mailing Address →
 Naval Air Station, Cecil Field
 Cecil Field Site 220 and 312 OWS
 Jacksonville, FL 32221
 4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
 SOUTHERN DIVISION NAVFACENCOM
 PO BOX 190010
 2155 EAGLE DRIVE
 NORTH CHARLESTON SC 29419-9010

 L252

5. Transporter 1 Company Name
 Republic Services, Inc.

6. US EPA ID Number
N/A

A. Transporter's Phone
 912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
 Republic Services - Broadhurst Env.
 4800 Broadhurst Road West
 Screven, GA 31560

10. US EPA ID Number
N/A

C. Facility's Phone
 912 530-7050

11. Waste Shipping Name and Description

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. TPH Impacted Soil
 Non-Hazardous, Non-Regulated

Profile # 33477

0 0.1 D.T 0 0.0 2 2 T

b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Arthur G. Moberly Signature [Signature] Month Day Year 10.9.2003

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name Gerald Ayers Signature [Signature] Month Day Year 10.9.2003

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

19. Discrepancy Indication Space

MLL 13) ACTUAL WEIGHT 24.31 TONS

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

Printed/Typed Name Broadhurst Environmental Signature [Signature] Month Day Year 10.9.2003

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235525
Date/Time In: 29 September 2003 4:26 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 14**BEAVER**22013
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

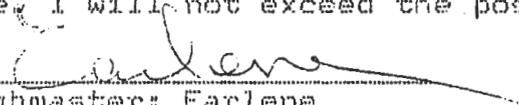
TUCKER, GA 30084

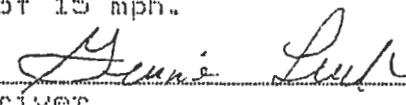
00 Gross Weight 82,740.00 LB
Tare Weight 30,620.00 LB
Net Weight 52,120.00 LB 26.06 TN

Quantity	Unit	Description	Rate	Total
26.06	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A Manifest Document No. 220-13 2. Page 1 of 1

3. Generator's Name and Mailing Address → **Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221**
4. Generator's Phone (813) 918-7031
DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVFACENCOM
PO BOX 190010
2155 EAGLE DRIVE
NORTH CHARLESTON SC 29419-9010

5. Transporter 1 Company Name Republic Services, Inc. 6. US EPA ID Number N/A A. Transporter's Phone 912 530-7050

7. Transporter 2 Company Name _____ 8. US EPA ID Number _____ B. Transporter's Phone _____

9. Designated Facility Name and Site Address Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560 10. US EPA ID Number N/A C. Facility's Phone 912 530-7050

11. Waste Shipping Name and Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. <u>TPH Impacted Soil Non-Hazardous, Non-Regulated Profile # 33477</u>	<u>001</u>	<u>DT</u>	<u>EST 00022</u>	<u>T</u>
b. _____	_____	_____	_____	_____
c. _____	_____	_____	_____	_____
d. _____	_____	_____	_____	_____

D. Additional Descriptions for Materials Listed Above _____ E. Handling Codes for Wastes Listed Above _____

15. Special Handling Instructions and Additional Information
24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Arthur Maskey Signature [Signature] Month Day Year 09/29/03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Gennie Luck Signature [Signature] Month Day Year 09/29/03

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

19. Discrepancy Indication Space
M.L.I. 13) ACTUAL WEIGHT 26.06 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Broadhurst Environmental
Printed/Typed Name Earlene Lambeth Signature [Signature] Month Day Year 9/29/03

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235527
Date/Time In: 29 September 2003 4:41 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 266**22014 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

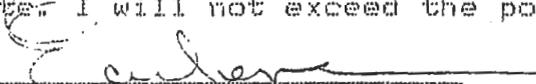
TUCKER, GA 30084

00 Gross Weight 81,020.00 LB
Tare Weight 32,020.00 LB
Net Weight 49,000.00 LB 24.50 TN

Quantity	Unit	Description	Rate	Total
24.50	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest Document No. 22014

2. Page 1 of 1

3. Generator's Name and Mailing Address →
 Naval Air Station, Cecil Field
 Cecil Field Site 220 and 312 OWS
 Jacksonville, FL 32221

DEPARTMENT OF THE NAVY
 SOUTHERN DIVISION NAVFACENCOM
 PO BOX 190010
 2155 EAGLE DRIVE
 NORTH CHARLESTON SC 29419-9010

L266

5. Transporter 1 Company Name
 Republic Services, Inc.

6. US EPA ID Number
 N/A

A. Transporter's Phone
 912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
 Republic Services - Broadhurst Env.
 4800 Broadhurst Road West
 Screven, GA 31560

10. US EPA ID Number
 N/A

C. Facility's Phone
 912 530-7050

11. Waste Shipping Name and Description

12. Containers
 No. Type

13. Total Quantity

14. Unit Wt/Vol

a. TPH Impacted Soil
 Non-Hazardous, Non-Regulated

Profile # 33477

0 0 1 D-T 0 0 0 2 2 T

EST

GENERATOR

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G Mosky

Signature

Arthur G Mosky

Month Day Year

09 29 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Van Garbett

Signature

Van Garbett

Month Day Year

10 09 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

.

TRANSPORTER

19. Discrepancy Indication Space

MLL 13) ACTUAL WEIGHT 24.50 TONS

FACILITY

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

Printed/Typed Name

Broadhurst Environmental

Signature

Carlene Lambeth

Month Day Year

10 09 03

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235513
Date/Time In: 29 September 2003 3:37 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 136**22015 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

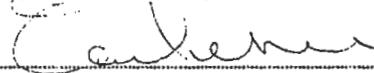
TUCKER, GA 30084

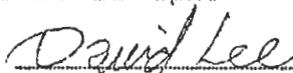
00 Gross Weight 78,780.00 LB
Tare Weight 32,240.00 LB
Net Weight 46,540.00 LB 23.27 TN

Quantity	Unit	Description	Rate	Total
23.27	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

Please Print or Type
Form designed for use on a 12-pitch typewriter.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest Document No.
22015

2. Page 1 of 1

3. Generator's Name and Mailing Address →
Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221
4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVFACENCOM
PO BOX 190010
2155 EAGLE DRIVE
NORTH CHARLESTON SC 29419-9010

#L136

5. Transporter 1 Company Name
Republic Services, Inc.

6. US EPA ID Number
N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560

10. US EPA ID Number

N/A

C. Facility's Phone

912 530-7050

11. Waste Shipping Name and Description

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated

Profile # 33477

12. Containers
No. Type

001 DT

13. Total Quantity

EST

00022

14. Unit Wt/Vol

T

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G Maskey

Signature

Arthur G Maskey

Month Day Year

09/29/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

David Lee

Signature

David Lee

Month Day Year

09/29/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

M.L.I. 13) ACTUAL WEIGHT 23.27 TONS

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

Printed/Typed Name

Brookhurst Environmental
Earlene Lambeth

Signature

Earlene Lambeth

Month Day Year

09/29/03

GENERATOR
TRANSPORTER
FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235983
Date/Time In: 2 October 2003 8:09 am
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 111 WHITAKER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

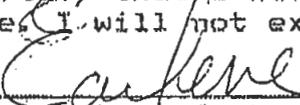
TUCKER, GA 30084

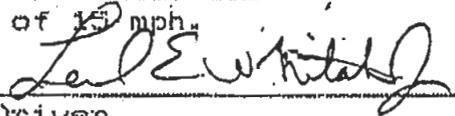
00 Gross Weight 86,920.00 LB
Tare Weight 30,500.00 LB
Net Weight 56,420.00 LB 28.21 TN

Quantity	Unit	Description	Rate	Total
28.21	TN	Contaminated Soil		

Net Amounts:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

N/A

Manifest Document No.
22017

2. Page 1 of 1

3. Generator's Name and Mailing Address
Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVFACENCOM
PO BOX 190010
2155 EAGLE DRIVE
NORTH CHARLESTON SC 29419-9010

TR# 111

4. Generator's Phone (813) 918-7031

5. Transporter 1 Company Name
Republic Services, Inc.

6. US EPA ID Number
N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560

10. US EPA ID Number
N/A

C. Facility's Phone

912 530-7050

11. Waste Shipping Name and Description

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated

Profile # 33477

12. Containers
No. Type

001 D.T

13. Total Quantity

EST
00022

14. Unit Wt/Vol

T

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WIDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G Maskey

Signature

Arthur G Maskey

Month Day Year

09/29/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Leonard Whitaker Jr

Signature

Leonard Whitaker Jr

Month Day Year

09/29/03

19. Discrepancy Indication Space

MLL 13) ACTUAL WEIGHT 28.21 TONS

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

Printed/Typed Name

Earlene Lambeth

Signature

Earlene Lambeth

Month Day Year

10/02/03

ORIGINAL - RETURN TO GENERATOR

GENERATOR

TRANSPORTER

FACILITY

2003-06

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235454
Date/Time In: 29 September 2003 12:45 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 118**22024 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

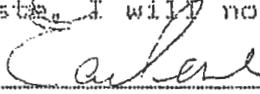
TUCKER, GA 30084

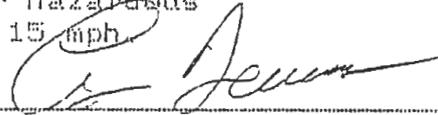
00 Gross Weight 70,400.00 LB
Tare Weight 30,800.00 LB
Net Weight 47,600.00 LB 23.80 TN

Quantity	Unit	Description	Rate	Total
23.80	TN	Contaminated Soil	*	

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.
N/A

Manifest Document No.
22024

2. Page 1
of 1

L-118

3. Generator's Name and Mailing Address → DEPARTMENT OF THE NAVY
Naval Air Station, Cecil Field SOUTHERN DIVISION NAVFACENCOM
Cecil Field Site 220 and 312 OWS PO BOX 190010
Jacksonville, FL 32221 2155 EAGLE DRIVE
4. Generator's Phone (813) 918-7031 NORTH CHARLESTON SC 29419-9010

5. Transporter 1 Company Name Republic Services, Inc. 6. US EPA ID Number N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name 8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560 10. US EPA ID Number N/A

C. Facility's Phone
912 530-7050

11. Waste Shipping Name and Description

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. TPH Impacted Soil Non-Hazardous, Non-Regulated Profile # 33477

001 D-T 00022 T

b. 23.80

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Arthur G. Masley Signature [Signature] Month Day Year 09 29 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name [Signature] Signature [Signature] Month Day Year 09 29 03

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

19. Discrepancy Indication Space
M.L.I. 13) ACTUAL WEIGHT 23.80 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19
Broadhurst Environmental
Printed/Typed Name Earlene Lambeth Signature Earlene Lambeth Month Day Year 09 29 03

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235456
Date/Time In: 29 September 2003 12:30 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 178 BEAVER**
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

TUCKER, GA 30084

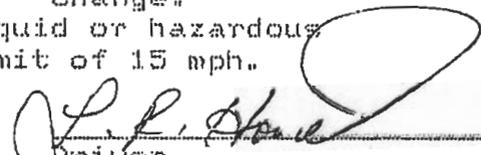
00 Gross Weight 81,320.00 LB
Tare Weight 30,380.00 LB
Net Weight 50,940.00 LB 25.47 TN

Quantity	Unit	Description	Rate	Total
25.47	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No. N/A Manifest Document No. 22025 2. Page 1 of 1

3. Generator's Name and Mailing Address
 Naval Air Station, Cecil Field
 Cecil Field Site 220 and 312 OWS
 Jacksonville, FL 32221
 4. Generator's Phone (813) 918-7031
 DEPARTMENT OF THE NAVY
 SOUTHERN DIVISION NACFACENCOM
 RESIDENT OFFICER IN CHARGE OF
 P.O. BOX 190010
 2155 EAGLE DRIVE
 N. CHARLESTON, SC 29419

L-178

5. Transporter 1 Company Name Republic Services, Inc. 6. Transporter's Phone 912 530-7050
 7. Transporter 2 Company Name 8. US EPA ID Number N/A B. Transporter's Phone

9. Designated Facility Name and Site Address Republic Services - Broadhurst Env. 4800 Broadhurst Road West Screven, GA 31560 10. US EPA ID Number N/A C. Facility's Phone 912 530-7050

11. Waste Shipping Name and Description
 a. TPH Impacted Soil Non-Hazardous, Non-Regulated Profile # 33477
 b.
 c.
 d.

12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Val
001	D.T	00022	T

D. Additional Descriptions for Materials Listed Above E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
 24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Arthur G Mosley Signature [Signature] Month Day Year 09 12 91

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name J.R. HOWARD Signature [Signature] Month Day Year 09 12 91

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

19. Discrepancy Indication Space
 MLI 13) ACTUAL WEIGHT 29.47 TONS

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Broadhurst Environmental
 Printed/Typed Name Earlene Lambeth Signature [Signature] Month Day Year 09 12 91

GENERATOR
TRANSPORTER
FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235438
Date/Time In: 29 September 2003 12:32 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 101 WHITAKER**22026
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

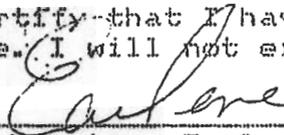
TUCKER, GA 30084

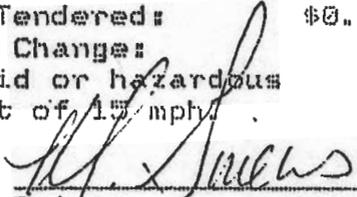
00 Gross Weight 81,100.00 LB
Tare Weight 28,020.00 LB
Net Weight 53,080.00 LB 26.54 TN

Quantity	Unit	Description	Rate	Total
26.54	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest
Document No.
22026

2. Page 1
of 1

3. Generator's Name and Mailing Address
Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221
4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NACFACENGCC
RESIDENT OFFICER IN CHARGE OF
P.O. BOX 190010
2155 EAGLE DRIVE
N. CHARLESTON, SC 29419

#101

5. Transporter 1 Company Name
Republic Services, Inc.

N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560

10. US EPA ID Number

N/A

C. Facility's Phone

912 530-7050

11. Waste Shipping Name and Description

12. Containers
No. Type

13.
Total
Quantity

14.
Unit
Wt/Vol

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated

Profile # 33477

001

D-T

EST

00022

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WTIDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G Mosley

Signature

[Signature]

Month Day Year

09/29/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

MICHAEL GIVERS

Signature

[Signature]

Month Day Year

09/29/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

MLL 13) ACTUAL WEIGHT 26.54 TONS

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

Printed/Typed Name

Earlene Lambeth

Signature

[Signature]

Month Day Year

10/09/03

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235395
Date/Time In: 29 September 2003 10:16 AM
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 14**22027**BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

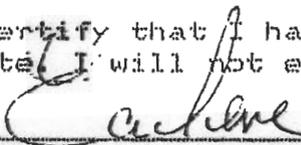
TUCKER, GA 30084

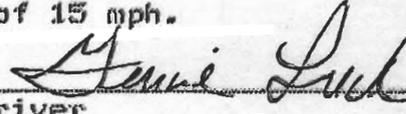
00 Gross Weight 82,400.00 LB
Tare Weight 31,020.00 LB
Net Weight 51,380.00 LB 25.69 TN

Quantity	Unit	Description	Rate	Total
25.69	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

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

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No. **N/A** Manifest Document No. **22027** 2. Page 1 of 1

3. Generator's Name and Mailing Address → **DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NACFACENGCOM
RESIDENT OFFICER IN CHARGE OF
P.O. BOX 190010
2155 EAGLE DRIVE
N. CHARLESTON, SC 29419**

4. Generator's Phone (**813**) **918-7031**

5. Transporter 1 Company Name **Republic Services, Inc.** 6. US EPA ID Number **N/A** A. Transporter's Phone **912 530-7050**

7. Transporter 2 Company Name 8. US EPA ID Number B. Transporter's Phone

9. Designated Facility Name and Site Address **Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560** 10. US EPA ID Number **N/A** C. Facility's Phone **912 530-7050**

11. Waste Shipping Name and Description 12. Containers No. Type 13. Total Quantity 14. Unit Wt./Vol

a. **TPH Impacted Soil
Non-Hazardous, Non-Regulated Profile # 33477** 00.1 D.T EST 00.022 T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name **Arthur G. Masley** Signature *Arthur G. Masley* Month Day Year **10.9.12.910.3**

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name **Gennie Luck** Signature *Gennie Luck* Month Day Year **10.9.12.910.3**

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

19. Discrepancy Indication Space
M.L.I. 13) ACTUAL WEIGHT 25.69 TONS

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

Printed/Typed Name **Earlene Lambeth Coulere Lambeth** Signature *Earlene Lambeth* Month Day Year **10.9.12.912.3**

GENERATOR
TRANSPORTER
FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235403
Date/Time In: 29 September 2003 10:29 am
Vehicle: WASTETRANS
Origin: Duval Co., FL
References: 200**BEAVER**22028
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY
TUCKER, GA 30084

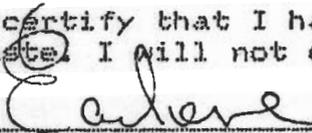
Inbound -

00 Gross Weight 82,400.00 LB
Tare Weight 30,900.00 LB
Net Weight 51,500.00 LB 25.75 TN

Quantity	Unit	Description	Rate	Total
25.75	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest Document No.
22028

2. Page 1 of 1

3. Generator's Name and Mailing Address

Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221

4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NACFACENCOM
RESIDENT OFFICER IN CHARGE OF
P.O. BOX 190010
2155 EAGLE DRIVE
N. CHARLESTON, SC 29419

5. Transporter 1 Company Name

Republic Services, Inc.

6. US EPA ID Number

N/A

A. Transporter's Phone

912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560

10. US EPA ID Number

N/A

C. Facility's Phone

912 530-7050

11. Waste Shipping Name and Description

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated

Profile # 33477

12. Containers
No. Type

001 DT

13. Total Quantity

EST

00022

14. Unit Wt/Vol

T

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WIDI - 800 901-0081 or 770 639-3056

280

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G. Masley

Signature

Arthur G. Masley

Month Day Year
09 29 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

R. Timmons

Signature

R. Timmons

Month Day Year
09 29 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year
. . .

19. Discrepancy Indication Space

MLL 13) ACTUAL WEIGHT 29.75 TONS

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

Broadhurst Environmental

Printed/Typed Name

Earlene Lambeth

Signature

Earlene Lambeth

Month Day Year
19 29 03

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235405
Date/Time In: 29 September 2003 10:46 am
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 136**22029 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

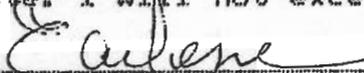
TUCKER, GA 30084

00 Gross Weight 82,340.00 LB
Tare Weight 32,460.00 LB
Net Weight 49,880.00 LB 24.94 TN

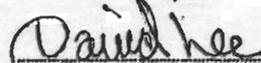
Quantity	Unit	Description	Rate	Total
24.94	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.



Weighmaster: Earlene



Driver

Please print or type
 Form designed for use on 8 1/2" pitch typewriter.

**NON-HAZARDOUS
 WASTE MANIFEST**

1. Generator's US EPA ID No. **N/A** Manifest Document No. **22029** 2. Page 1 of 1 **4136**

3. Generator's Name and Mailing Address
 Naval Air Station, Cecil Field
 Cecil Field Site 220 and 312 OWS
 Jacksonville, FL 32221
 4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
 SOUTHERN DIVISION NAVFACENGCOM
 RESIDENT OFFICER IN CHARGE OF
 P.O. BOX 190010
 2155 EAGLE DRIVE
 N. CHARLESTON, SC 29419

5. Transporter 1 Company Name
 Republic Services, Inc.

6. US EPA ID Number
N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
 Republic Services - Broadhurst Env.
 4800 Broadhurst Road West
 Screven, GA 31560

10. US EPA ID Number
N/A

C. Facility's Phone
912 530-7050

11. Waste Shipping Name and Description

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. TPH Impacted Soil
 Non-Hazardous, Non-Regulated Profile # **33477**

001 D.T EST 00022 T

b.

...

c.

...

d.

...

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
Arthur G. Maskey

Signature
Arthur G. Maskey

Month Day Year
10/9/29/03

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name
David Lee

Signature
David Lee

Month Day Year
10/9/29/03

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

Signature

Month Day Year

19. Discrepancy Indication Space

MLL 13) ACTUAL WEIGHT 24.94 TONS

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

Printed/Typed Name
Earlene Lambeth

Signature
Earlene Lambeth

Month Day Year
19/09/03

GENERATOR

TRANSPORTER

FACILITY

WUSKELLER ASSOCIATES, INC.
 135-1388

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235408
Date/Time In: 29 September 2003 10:47 am
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 252 BEAVER**22030
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

TUCKER, GA 30084

00 Gross Weight 80,520.00 LB
Tare Weight 32,100.00 LB
Net Weight 48,420.00 LB 24.21 TN

Quantity	Unit	Description	Rate	Total
24.21	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.

Earlene
Weighmaster: Earlene

Guido Ayer
Driver

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **N/A**

Manifest Document No. **22030**

2. Page 1 of 1

L252

3. Generator's Name and Mailing Address
 Naval Air Station, Cecil Field
 Cecil Field Site 220 and 312 OWS
 Jacksonville, FL 32221
 4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
 SOUTHERN DIVISION NAVFACENCOM
 RESIDENT OFFICER IN CHARGE OF
 P.O. BOX 190010
 2155 EAGLE DRIVE
 N. CHARLESTON, SC 29419

5. Transporter 1 Company Name
 Republic Services, Inc.

6. Transporter 1 US EPA ID Number
 N/A

A. Transporter's Phone
 912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
 Republic Services - Broadhurst Env.
 4800 Broadhurst Road West
 Screven, GA 31560

10. US EPA ID Number
 N/A

C. Facility's Phone
 912 530-7050

11. Waste Shipping Name and Description

12. Containers
 No. Type

13. Total Quantity

14. Unit Wt/Vol

a. TPH Impacted Soil
 Non-Hazardous, Non-Regulated Profile # **33477**

EST
 001 D-T 00022 T

b.

24.21

c.

...

d.

...

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
 24-Hour Emergency Contact: WIDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
 Arthur G. Moolay

Signature
Arthur G. Moolay

Month Day Year
 10 9 29 03

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name
 Cecal Ayers

Signature
Cecal Ayers

Month Day Year
 10 12 27 03

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

Signature

Month Day Year

19. Discrepancy Indication Space
 M.L.I. 13) ACTUAL WEIGHT **24.21** TONS

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

Printed/Typed Name
 Earlene Lambeth

Signature
Earlene Lambeth

Month Day Year
 10 12 29 03

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235436
Date/Time In: 29 September 2003 12:28 pm
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 111 WHITAKER**22031
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

TUCKER, GA 30084

Inbound -

00 Gross Weight 80,400.00 LB
Tare Weight 30,560.00 LB
Net Weight 49,840.00 LB 24.92 TN

Quantity	Unit	Description	Rate	Total
24.92	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.

Earlene
Weighmaster: Earlene

Julius White
Driver

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest Document No.

22031

2. Page 1 of 1

3. Generator's Name and Mailing Address

Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221

4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVFACENCOM
RESIDENT OFFICER IN CHARGE OF
P.O. BOX 190010
2155 EAGLE DRIVE
N. CHARLESTON, SC 29419

THE 111

5. Transporter 1 Company Name
Republic Services, Inc.

6. US EPA ID Number
N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560

10. US EPA ID Number
N/A

C. Facility's Phone

912 530-7050

11. Waste Shipping Name and Description

12. Containers

No. Type

13. Total Quantity

14. Unit Wt/Vol

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated

Profile # 3347

001 D-T 00022 T

EST

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G. Mosky

Signature

Arthur G. Mosky

Month Day Year

10.9 | 29 | 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

. | . | .

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Leonard Whitaker

Signature

Leonard Whitaker

Month Day Year

. | . | .

19. Discrepancy Indication Space

MLL 13) ACTUAL WEIGHT 24.92 TONS

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

Printed/Typed Name

Broadhurst Environmental
Earlene Lambeth

Signature

Earlene Lambeth

Month Day Year

19 | 09 | 03

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4000 Broadhurst Rd W.
Screven GA 31560
Phone (912) 530-7050

Ticket: 235397
Date/Time In: 29 September 2003 10:10 am
Vehicle: WASTETRANS
Origin: Duval Co., FL
References: 266**22032 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2107 NORTHLAKE PARKWAY

TUCKER, GA 30084

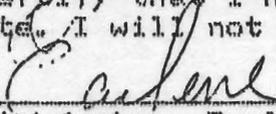
Inbound -

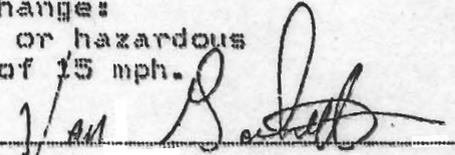
00 Gross Weight 83,240.00 LB
Tare Weight 32,060.00 LB
Net Weight 51,180.00 LB 25.59 TN

Quantity	Unit	Description	Rate	Total
25.59	TN	Contaminated Soil		--

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

**NON-HAZARDOUS
 WASTE MANIFEST**

1. Generator's US EPA ID No.
 N/A

Manifest Document No.
 22034

2. Page 1
 of 1

3. Generator's Name and Mailing Address
 Naval Air Station, Cecil Field
 Cecil Field Site 220 and 312 OWS
 Jacksonville, FL 32221
 4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
 SOUTHERN DIVISION NACFACENCOM
 RESIDENT OFFICER IN CHARGE OF
 P.O. BOX 190010
 2155 EAGLE DRIVE
 N. CHARLESTON, SC 29419

5. Transporter 1 Company Name
 Republic Services, Inc.

8. US EPA ID Number
 N/A

A. Transporter's Phone
 912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
 Republic Services - Broadhurst Env.
 4800 Broadhurst Road West
 Screven, GA 31560

10. US EPA ID Number
 N/A

C. Facility's Phone
 912 530-7050

11. Waste Shipping Name and Description

12. Containers
 No. Type

a. TPH Impacted Soil
 Non-Hazardous, Non-Regulated Profile # 33477

13. Total Quantity
 EST
 901 DT 00022 T

b.

14. Unit Wt/Vol

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
 24-Hour Emergency Contact: WIDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name
 Arthur G. Maskey

Signature
 Arthur G. Maskey
 Month Day Year
 10 9 12 9 10 3

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name
 VAN Carbett

Signature
 Van Carbett
 Month Day Year
 10 9 29 10 3

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

Signature
 Month Day Year

19. Discrepancy Indication Space
 MLL 13) ACTUAL WEIGHT 20.59 TONS

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

Printed/Typed Name
 Earlene Lambeth

Signature
 Earlene Lambeth
 Month Day Year
 10 12 9 10 3

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket#: 235388
Date/Time In: 29 September 2003 9:45 am
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 104**22033 BEAVER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

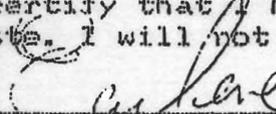
TUCKER, GA 30084

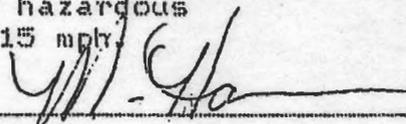
00 Gross Weight 82,740.00 LB
Tare Weight 31,660.00 LB
Net Weight 51,080.00 LB 25.54 TN

Quantity	Unit	Description	Rate	Total
25.54	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.


Weighmaster: Earlene


Driver

L-104

Please print or type
Form designed for use on 112 pitch typewriter

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.
N/A

Manifest Document No.
22033

2. Page 1
of 1

3. Generator's Name and Mailing Address
Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221
4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVFACENGC0M
RESIDENT OFFICER IN CHARGE OF
P.O. BOX 190010
2155 EAGLE DRIVE
N. CHARLESTON, SC 29419

5. Transporter 1 Company Name
Republic Services, Inc.

6. US EPA ID Number
N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560

10. US EPA ID Number
N/A

C. Facility's Phone
912 530-7050

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated Profile # 33477

0 0.1 D.T EST
0 0.0 2.2 T

b. . . . 25.54

c. . . .

d. . . .

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
24-Hour Emergency Contact: WTDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Arthur G Mosley Signature Arthur G Mosley Month Day Year 09 29 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name M. Hamer Sr. Signature M. Hamer Sr. Month Day Year 09 29 03

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

19. Discrepancy Indication Space
MLL 13) ACTUAL WEIGHT _____ TONS

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

Printed/Typed Name Earlene Lambeth Signature Earlene Lambeth Month Day Year 09 29 03

GENERATOR
TRANSPORTER
FACILITY

WILSON & WILSON ASSOCIATES, INC.
1001 W. MILITARY AVE., SUITE 1000
JACKSONVILLE, FL 32209-3088

ORIGINAL - RETURN TO GENERATOR

12-B10-M5

Broadhurst Environmental
4800 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235544
Date/Time In: 30 September 2003 6:53 am
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 109*WHITAKER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

TUCKER, GA 30084

00 Gross Weight 74,440.00 LB
Tare Weight 28,140.00 LB
Net Weight 46,300.00 LB 23.15 TN

Quantity	Unit	Description	Rate	Total
23.15	TN	Contaminated Soil		

Net Amount:
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.

Brenda
Weighmaster: Brenda

[Signature]
Driver

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest Document No. 22016

2. Page 1 of 1

3. Generator's Name and Mailing Address

Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221

4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVFACENGCC
PO BOX 190010
2155 EAGLE DRIVE
NORTH CHARLESTON SC 29419-9010

Tr#109

5. Transporter 1 Company Name
Republic Services, Inc.

6. US EPA ID Number
N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560

10. US EPA ID Number

N/A

C. Facility's Phone

912 530-7050

11. Waste Shipping Name and Description

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated

Profile # 33477

12. Containers
No. Type

001 DT

13. Total Quantity

EST
00022

14. Unit Wt/Vol

T

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WIDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G. Mosley

Signature

Arthur G. Mosley

Month Day Year

09 12 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

J. H. Whitaker

Signature

J. H. Whitaker

Month Day Year

09 29 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

MLL 13) ACTUAL WEIGHT 23.15 TONS

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

Printed/Typed Name

Brenda Kauls

Signature

Brenda Kauls

Month Day Year

19 08 03

GENERATOR

TRANSPORTER

FACILITY

Broadhurst Environmental
4000 Broadhurst Rd W
Screven GA 31560
Phone (912) 530-7050

Ticket: 235546
Date/Time In: 30 September 2003 6:49 am
Vehicle: WASTETRANS
Origin: Duval Co., FL
Reference: 101*WHITAKER
Contract: 33477

000357
WASTE TRANSPORTATION & DISPOSAL
2187 NORTHLAKE PARKWAY

Inbound -

TUCKER, GA 30084

00 Gross Weight 82,380.00 LB
Tare Weight 28,520.00 LB
Net Weight 53,860.00 LB 26.93 TN

Quantity	Unit	Description	Rate	Total
26.93	TN	Contaminated Soil		

Net Amounts: !
Tendered: \$0.00
Change:

I certify that I have not disposed of any liquid or hazardous waste. I will not exceed the posted speed limit of 15 mph.

B. Bendo
Weighmaster: Brenda

A. L. Lewis
Driver

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest
Document No.
22023

2. Page 1
of 1

3. Generator's Name and Mailing Address →
Naval Air Station, Cecil Field
Cecil Field Site 220 and 312 OWS
Jacksonville, FL 32221
4. Generator's Phone (813) 918-7031

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVFACENGC.COM
PO BOX 190010
2155 EAGLE DRIVE
NORTH CHARLESTON SC 29419-9010

Tr# 101

5. Transporter 1 Company Name
Republic Services, Inc.

6. US EPA ID Number
N/A

A. Transporter's Phone
912 530-7050

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Republic Services - Broadhurst Env.
4800 Broadhurst Road West
Screven, GA 31560

10. US EPA ID Number
N/A

C. Facility's Phone
912 530-7050

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a. TPH Impacted Soil
Non-Hazardous, Non-Regulated

Profile # 33477

001

D-T

EST
00022

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

24-Hour Emergency Contact: WIDI - 800 901-0081 or 770 639-3056

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Arthur G. Mosley

Signature

Arthur G. Mosley

Month Day Year

6 9 12 9 0 3

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

MICHAEL GIVENS

Signature

M. Givens

Month Day Year

10 9 12 9 0 3

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

MLL 13) ACTUAL WEIGHT 26.93 TONS

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

Printed/Typed Name

Brenda Lamb

Signature

Brenda Lamb

Month Day Year

19 9 0 12

GENERATOR

TRANSPORTER

FACILITY

WHEELER & ASSOCIATES, INC.
1987-2015

ORIGINAL - RETURN TO GENERATOR

12-810-M5

Appendix D

Laboratory Analytical Results, Field Density Test Results, Proctor Compaction Reports

CLIENT : WRS
ADDRESS: 625 E. Tennessee St. Suite 100
Tallahassee, FL 32308

REPORT # : JAX34369
DATE SUBMITTED: September 18, 2003
DATE REPORTED : September 25, 2003

PAGE 1 OF 16

ATTENTION: Mr. Brent Anderson

SAMPLE IDENTIFICATION

Samples submitted and
identified by client as:

REFERENCE: 303607

NAS Cecil Field

09/17/03

JAX34369-1 : SS-001 @ 17:30

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. This data has been produced in accordance with NELAC Standards (July, 1999). This report shall not be reproduced except in full, without the written approval of the laboratory. Results for these procedures apply only to the samples as submitted.

Note: Analytical values are reported on a dry weight basis.

PROJECT MANAGER

Christopher K. Devore

ENCO LABORATORIES

REPORT # : JAX34369
DATE REPORTED: September 25, 2003
REFERENCE : 303607
PROJECT NAME : NAS Cecil Field

PAGE 2 OF 16

RESULTS OF ANALYSIS

EPA METHOD 8081 -
PESTICIDES

	<u>SS-001</u>	<u>LAB BLANK</u>	<u>Units</u>
Mirex	3.7 U	3.3 U	ug/Kg
alpha-BHC	3.7 U	3.3 U	ug/Kg
gamma-BHC (Lindane)	3.7 U	3.3 U	ug/Kg
beta-BHC	3.7 U	3.3 U	ug/Kg
Heptachlor	3.7 U	3.3 U	ug/Kg
delta-BHC	3.7 U	3.3 U	ug/Kg
Aldrin	3.7 U	3.3 U	ug/Kg
Heptachlor Epoxide	3.7 U	3.3 U	ug/Kg
Isodrin	3.7 U	3.3 U	ug/Kg
Chlordane gamma	3.7 U	3.3 U	ug/Kg
Chlordane alpha	3.7 U	3.3 U	ug/Kg
Endosulfan I	3.7 U	3.3 U	ug/Kg
4,4'-DDE	3.7 U	3.3 U	ug/Kg
Dieldrin	3.7 U	3.3 U	ug/Kg
Endrin	3.7 U	3.3 U	ug/Kg
4,4'-DDD	3.7 U	3.3 U	ug/Kg
Endosulfan II	3.7 U	3.3 U	ug/Kg
4,4'-DDT	3.7 U	3.3 U	ug/Kg
Endrin aldehyde	3.7 U	3.3 U	ug/Kg
Endosulfan sulfate	3.7 U	3.3 U	ug/Kg
Methoxychlor	3.7 U	3.3 U	ug/Kg
Endrin Ketone	3.7 U	3.3 U	ug/Kg
Chlordane (Tech)	37 U	33 U	ug/Kg
Toxaphene	73 U	66 U	ug/Kg
<u>Surrogate:</u>	<u>% RECOV</u>	<u>% RECOV</u>	<u>LIMITS</u>
2,4,5,6-TCMX	103	103	52-122
DBC	123	110	50-150
Date Prepared	09/19/03	09/19/03	
Date Analyzed	09/22/03 16:35	09/22/03 14:19	

U = Compound was analyzed for but not detected to the level shown.

ENCO LABORATORIES

REPORT # : JAX34369
DATE REPORTED: September 25, 2003
REFERENCE : 303607
PROJECT NAME : NAS Cecil Field

PAGE 3 OF 16

RESULTS OF ANALYSIS

EPA METHOD 8082 -
PCB/Aroclors

	<u>SS-001</u>	<u>LAB BLANK</u>	<u>Units</u>
PCB-1016/1242	37 U	33 U	ug/Kg
PCB-1221	37 U	33 U	ug/Kg
PCB-1232	37 U	33 U	ug/Kg
PCB-1248	37 U	33 U	ug/Kg
PCB-1254	37 U	33 U	ug/Kg
PCB-1260	37 U	33 U	ug/Kg

Surrogate:

	<u>% RECOV</u>	<u>% RECOV</u>	<u>LIMITS</u>
2,4,5,6-TCMX	101	101	55-152
DBC	117	105	55-152
Date Prepared	09/19/03	09/19/03	
Date Analyzed	09/22/03 16:35	09/22/03 14:19	

U = Compound was analyzed for but not detected to the level shown.

ENCO LABORATORIES

REPORT # : JAX34369
DATE REPORTED: September 25, 2003
REFERENCE : 303607
PROJECT NAME : NAS Cecil Field

PAGE 4 OF 16

RESULTS OF ANALYSIS

EPA METHOD 8151 -
HERBICIDES

	<u>SS-001</u>	<u>LAB BLANK</u>	<u>Units</u>
Dalapon	110 U	100 U	ug/Kg
3,5-DCBA	44 U	40 U	ug/Kg
Dicamba	44 U	40 U	ug/Kg
4-Nitrophenol	110 U	100 U	ug/Kg
MCPPP	4400 U	4000 U	ug/Kg
MCPA	4400 U	4000 U	ug/Kg
Dichloroprop	44 U	40 U	ug/Kg
2,4-D	44 U	40 U	ug/Kg
Pentachlorophenol	44 U	40 U	ug/Kg
2,4,5-TP (Silvex)	44 U	40 U	ug/Kg
Chloramben	44 U	40 U	ug/Kg
2,4,5-T	44 U	40 U	ug/Kg
2,4-DB	44 U	40 U	ug/Kg
Dinoseb	44 U	40 U	ug/Kg
Bentazon	44 U	40 U	ug/Kg
Picloram	44 U	40 U	ug/Kg
Dacthal	44 U	40 U	ug/Kg
Acifluorfen	44 U	40 U	ug/Kg
<u>Surrogate:</u>	<u>% RECOV</u>	<u>% RECOV</u>	<u>LIMITS</u>
2,4-DCAA	95	82	5-198
Date Prepared	09/24/03	09/24/03	
Date Analyzed	09/25/03 14:33	09/25/03 11:54	

U = Compound was analyzed for but not detected to the level shown.

ENCO LABORATORIES

REPORT # : JAX34369
DATE REPORTED: September 25, 2003
REFERENCE : 303607
PROJECT NAME : NAS Cecil Field

PAGE 5 OF 16

RESULTS OF ANALYSIS

EPA METHOD 8260 -
VOLATILE ORGANICS

	<u>SS-001</u>	<u>LAB BLANK</u>	<u>Units</u>
Methyl tert-butyl ether	1.0 U D1	1.0 U	ug/Kg
Benzene	1.0 U D1	1.0 U	ug/Kg
Toluene	1.0 U D1	1.0 U	ug/Kg
Chlorobenzene	1.0 U D1	1.0 U	ug/Kg
Ethylbenzene	1.0 U D1	1.0 U	ug/Kg
m-Xylene & p-Xylene	2.3 U D1	2.0 U	ug/Kg
o-Xylene	1.0 U D1	1.0 U	ug/Kg
1,3-Dichlorobenzene	1.0 U D1	1.0 U	ug/Kg
1,4-Dichlorobenzene	1.0 U D1	1.0 U	ug/Kg
1,2-Dichlorobenzene	1.0 U D1	1.0 U	ug/Kg

Surrogate:

	<u>% RECOV</u>	<u>% RECOV</u>	<u>LIMITS</u>
Dibromofluoromethane	108	102	61-128
D8-Toluene	96	92	77-119
Bromofluorobenzene	78	79	60-130
Date Prepared	09/18/03 10:15		
Date Analyzed	09/24/03 18:08	09/24/03 15:44	

U = Compound was analyzed for but not detected to the level shown.
D1 = Analyte value determined from a 1:1.04 dilution.

ENCO LABORATORIES

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RESULTS OF ANALYSIS

EPA METHOD 8270 -
SEMIVOLATILE ORGANICS

	<u>SS-001</u>	<u>LAB BLANK</u>	<u>Units</u>
Acenaphthene	370 U	330 U	ug/Kg
Acenaphthylene	370 U	330 U	ug/Kg
Anthracene	370 U	330 U	ug/Kg
Benzidine	370 U	330 U	ug/Kg
Benzo(a)anthracene	370 U	330 U	ug/Kg
Benzo(b)fluoranthene	370 U	330 U	ug/Kg
Benzo(k)fluoranthene	370 U	330 U	ug/Kg
Benzo(g,h,i)perylene	370 U	330 U	ug/Kg
Benzo(a)pyrene	370 U	330 U	ug/Kg
Benzylbutyl phthalate	370 U	330 U	ug/Kg
Bis(2-chloroethoxy)methane	370 U	330 U	ug/Kg
Bis(2-chloroethyl)ether	370 U	330 U	ug/Kg
Bis(2-chloroisopropyl)ether	370 U	330 U	ug/Kg
Bis(2-ethylhexyl)phthalate	370 U	330 U	ug/Kg
4-Bromophenylphenyl ether	370 U	330 U	ug/Kg
2-Chloronaphthalene	370 U	330 U	ug/Kg
4-Chlorophenyl phenyl ether	370 U	330 U	ug/Kg
Chrysene	370 U	330 U	ug/Kg
Dibenzo(a,h)anthracene	370 U	330 U	ug/Kg
1,2-Dichlorobenzene	370 U	330 U	ug/Kg
1,3-Dichlorobenzene	370 U	330 U	ug/Kg
1,4-Dichlorobenzene	370 U	330 U	ug/Kg
3,3'-Dichlorobenzidine	730 U	660 U	ug/Kg
Diethyl phthalate	370 U	330 U	ug/Kg
Dimethyl phthalate	370 U	330 U	ug/Kg
Di-n-butyl phthalate	370 U	330 U	ug/Kg
Di-n-octyl phthalate	370 U	330 U	ug/Kg
2,4-Dinitrotoluene	370 U	330 U	ug/Kg
2,6-Dinitrotoluene	370 U	330 U	ug/Kg

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RESULTS OF ANALYSIS

EPA METHOD 8270 (cont.) -
SEMIVOLATILE ORGANICS

	<u>SS-001</u>	<u>LAB BLANK</u>	<u>Units</u>
Fluoranthene	370 U	330 U	ug/Kg
Fluorene	370 U	330 U	ug/Kg
Hexachlorobenzene	370 U	330 U	ug/Kg
Hexachlorobutadiene	370 U	330 U	ug/Kg
Hexachlorocyclopentadiene	370 U	330 U	ug/Kg
Hexachloroethane	370 U	330 U	ug/Kg
Indeno(1,2,3-cd)pyrene	370 U	330 U	ug/Kg
Isophorone	370 U	330 U	ug/Kg
1-Methylnaphthalene	730 U	660 U	ug/Kg
2-Methylnaphthalene	370 U	330 U	ug/Kg
Naphthalene	370 U	330 U	ug/Kg
Nitrobenzene	370 U	330 U	ug/Kg
N-Nitrosodimethylamine	370 U	330 U	ug/Kg
N-Nitrosodi-n-propylamine	370 U	330 U	ug/Kg
N-Nitrosodiphenylamine	370 U	330 U	ug/Kg
Phenanthrene	370 U	330 U	ug/Kg
Pyrene	370 U	330 U	ug/Kg
1,2,4-Trichlorobenzene	370 U	330 U	ug/Kg
Benzyl Alcohol	370 U	330 U	ug/Kg
Benzoic Acid	1800 U	1600 U	ug/Kg
4-Chloroaniline	370 U	330 U	ug/Kg
2-Nitroaniline	370 U	330 U	ug/Kg
3-Nitroaniline	370 U	330 U	ug/Kg
4-Nitroaniline	370 U	330 U	ug/Kg
Dibenzofuran	370 U	330 U	ug/Kg

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RESULTS OF ANALYSIS

EPA METHOD 8270 (cont.) -
SEMIVOLATILE ORGANICS

	<u>SS-001</u>	<u>LAB BLANK</u>	<u>Units</u>
Pyridine	370 U	330 U	ug/Kg
4-Chloro-3-methylphenol	370 U	330 U	ug/Kg
2-Chlorophenol	370 U	330 U	ug/Kg
2,4-Dichlorophenol	370 U	330 U	ug/Kg
2,4-Dimethylphenol	370 U	330 U	ug/Kg
2,4-Dinitrophenol	1800 U	1600 U	ug/Kg
2-Methyl-4,6-dinitrophenol	1100 U	990 U	ug/Kg
2-Nitrophenol	370 U	330 U	ug/Kg
4-Nitrophenol	370 U	330 U	ug/Kg
Pentachlorophenol	370 U	330 U	ug/Kg
Phenol	370 U	330 U	ug/Kg
2,4,6-Trichlorophenol	370 U	330 U	ug/Kg
2-Methylphenol	370 U	330 U	ug/Kg
3 & 4-Methylphenol	370 U	330 U	ug/Kg
2,4,5-Trichlorophenol	370 U	330 U	ug/Kg
<u>Surrogate:</u>	<u>% RECOV</u>	<u>% RECOV</u>	<u>LIMITS</u>
Nitrobenzene -D5	88	101	35-112
2-Fluorobiphenyl	85	93	42-111
Terphenyl -D14	78	86	40-124
Phenol -D5	74	81	20-120
2-Fluorophenol	70	78	29-130
2,4,6-Tribromophenol	63	80	35-126
Date Prepared	09/19/03	09/19/03	
Date Analyzed	09/24/03 15:29	09/24/03 13:26	

U = Compound was analyzed for but not detected to the level shown.

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RESULTS OF ANALYSIS

<u>MISCELLANEOUS</u>	<u>METHOD</u>	<u>SS-001</u>	<u>Units</u>
Percent Solids	WETS/72	90	%
Date Prepared		09/22/03 11:00	
Date Analyzed		09/23/03 11:20	
pH	9045	6.9	S.U.
Date Analyzed		09/18/03 13:00	

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RESULTS OF ANALYSIS

<u>TOTAL METALS</u>	<u>METHOD</u>	<u>SS-001</u>	<u>LAB BLANK</u>	<u>Units</u>
Aluminum Date Analyzed	6010	2700 09/20/03 17:14	10 U 09/20/03 17:01	mg/Kg
Antimony Date Analyzed	6010	2.0 U 09/20/03 17:16	2.0 U 09/20/03 17:03	mg/Kg
Arsenic Date Analyzed	6010	0.60 U 09/20/03 17:16	0.50 U 09/20/03 17:03	mg/Kg
Barium Date Analyzed	6010	22 U 09/20/03 17:16	20 U 09/20/03 17:03	mg/Kg
Beryllium Date Analyzed	6010	1.0 U 09/20/03 17:16	1.0 U 09/20/03 17:02	mg/Kg
Cadmium Date Analyzed	6010	1.0 U 09/20/03 17:16	1.0 U 09/20/03 17:03	mg/Kg
Calcium Date Analyzed	6010	11000 09/24/03 23:01	25 U 09/20/03 17:02	mg/Kg
Chromium Date Analyzed	6010	3.0 09/20/03 17:16	1.0 U 09/20/03 17:03	mg/Kg
Cobalt Date Analyzed	6010	6.0 U 09/20/03 17:16	5.0 U 09/20/03 17:03	mg/Kg
Copper Date Analyzed	6010	6.0 U 09/20/03 17:16	5.0 U 09/20/03 17:02	mg/Kg
Iron Date Analyzed	6010	1200 09/20/03 17:16	10 U 09/20/03 17:03	mg/Kg

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RESULTS OF ANALYSIS

<u>TOTAL METALS</u>	<u>METHOD</u>	<u>SS-001</u>	<u>LAB BLANK</u>	<u>Units</u>
Lead Date Analyzed	6010	5.1 09/20/03 17:16	1.0 U 09/20/03 17:03	mg/Kg
Magnesium Date Analyzed	6010	230 09/20/03 17:14	25 U 09/20/03 17:01	mg/Kg
Manganese Date Analyzed	6010	7.1 09/20/03 17:16	1.0 U 09/20/03 17:03	mg/Kg
Nickel Date Analyzed	6010	6.0 U 09/20/03 17:16	5.0 U 09/20/03 17:03	mg/Kg
Potassium Date Analyzed	6010	71 09/20/03 17:14	25 U 09/20/03 17:01	mg/Kg
Selenium Date Analyzed	6010	2.0 U 09/20/03 17:16	2.0 U 09/20/03 17:03	mg/Kg
Silver Date Analyzed	6010	2.0 U 09/20/03 17:16	2.0 U 09/20/03 17:02	mg/Kg
Sodium Date Analyzed	6010	41 09/20/03 17:14	25 U 09/20/03 17:01	mg/Kg
Thallium Date Analyzed	6010	1.0 U 09/20/03 17:16	1.0 U 09/20/03 17:03	mg/Kg
Vanadium Date Analyzed	6010	3.4 09/20/03 17:16	1.0 U 09/20/03 17:03	mg/Kg
Zinc Date Analyzed	6010	6.6 09/20/03 17:16	5.0 U 09/20/03 17:03	mg/Kg
Mercury Date Analyzed	7471	0.010 U 09/23/03 14:33	0.010 U 09/23/03 13:58	mg/Kg

U = Compound was analyzed for but not detected to the level shown.

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RESULTS OF ANALYSIS

EPA METHOD FLPRO -
PETROL. RESIDUAL ORG.

	<u>SS-001</u>	<u>LAB BLANK</u>	<u>Units</u>
Hydrocarbons (C8-C40)	22	6.6 U	mg/Kg
<u>Surrogate:</u>	<u>% RECOV</u>	<u>% RECOV</u>	<u>LIMITS</u>
o-Terphenyl	92	73	51-148
Nonatriacontane	83	81	36-152
Date Prepared	09/18/03	09/18/03	
Date Analyzed	09/23/03 15:04	09/23/03 14:15	

U = Compound was analyzed for but not detected to the level shown.

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LABORATORY CERTIFICATIONS

Laboratory Certification: NELAC:E82277

All analyses reported with this project were analyzed by the facility indicated unless identified below.

PARAMETER

Herbicides, SW-846 Method 8151

LAB CERT #'s

NELAC:E83182

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QUALITY CONTROL DATA

<u>Parameter</u>	<u>% RECOVERY</u> <u>MS/MSD/LCS</u>	<u>ACCEPT</u> <u>LIMITS</u>	<u>% RPD</u> <u>MS/MSD</u>	<u>ACCEPT</u> <u>LIMITS</u>
<u>EPA Method 8081</u>				
gamma-BHC (Lindane)	82/ 89/107	48-118	8	21
Heptachlor	86/ 96/108	42-163	11	25
Aldrin	77/ 84/109	41-154	9	22
Dieldrin	81/ 86/107	41-154	6	22
Endrin	99/105/120	38-183	6	26
4,4'-DDT	91/ 94/108	53-143	3	24
<u>EPA Method 8082</u>				
PCB-1016	89/ 87/ 96	8-130	2	49
PCB-1260	119/116/115	15-127	2	46
<u>EPA Method 8151</u>				
Dalapon	86/ 92/ 84	25-182	7	23
Dicamba	88/ 95/ 90	14-187	8	25
2,4-D	70/ 80/ 71	39-186	13	20
2,4,5-TP (Silvex)	77/ 84/ 80	22-179	9	30
2,4-DB	76/ 84/ 77	25-185	10	35
<u>EPA Method 8260</u>				
1,1-Dichloroethene	45/ 40/ 67	19-161	12	19
Benzene	77/ 75/ 81	60-129	3	23
Trichloroethene	85/ 89/ 78	56-132	4	17
Toluene	95/100/102	53-129	5	22
Chlorobenzene	102/ 94/104	61-136	8	24

< = Less Than
 MS = Matrix Spike
 MSD = Matrix Spike Duplicate
 LCS = Laboratory Control Standard
 RPD = Relative Percent Difference

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QUALITY CONTROL DATA

<u>Parameter</u>	<u>% RECOVERY</u> <u>MS/MSD/LCS</u>	<u>ACCEPT</u> <u>LIMITS</u>	<u>% RPD</u> <u>MS/MSD</u>	<u>ACCEPT</u> <u>LIMITS</u>
<u>EPA Method 8270</u>				
Phenol	87/ 81/ 93	30-135	7	38
2-Chlorophenol	93/ 85/ 99	46-133	9	38
1,4-Dichlorobenzene	72/ 66/ 74	31-123	9	33
N-Nitrosodi-N-Propylamine	99/ 88/105	26-112	12	29
1,2,4-Trichlorobenzene	100/ 90/105	37-131	10	20
4-Chloro-3-methylphenol	113/104/115	46-133	8	38
Acenaphthene	80/ 76/ 88	39-135	5	29
4-Nitrophenol	79/ 85/ 84	10-97	7	68
2,4-Dinitrotoluene	113/105/112	39-137	7	32
Pentachlorophenol	22/ 33/ 73	10-133	40	41
Pyrene	84/ 82/ 86	39-160	2	37
<u>MISCELLANEOUS</u>				
pH, 9045	NA/ NA/100	-	NA	

< = Less Than
 MS = Matrix Spike
 MSD = Matrix Spike Duplicate
 LCS = Laboratory Control Standard
 RPD = Relative Percent Difference

ENCO LABORATORIES

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QUALITY CONTROL DATA

<u>Parameter</u>	<u>% RECOVERY MS/MSD/LCS</u>	<u>ACCEPT LIMITS</u>	<u>% RPD MS/MSD</u>	<u>ACCEPT LIMITS</u>
<u>TOTAL METALS</u>				
Aluminum, 6010	* / * /104	35-172	*	32
Antimony, 6010	62/ 62/100	85-112	<1	28
Arsenic, 6010	97/ 96/103	53-153	1	22
Barium, 6010	95/ 96/101	70-120	1	16
Beryllium, 6010	97/ 97/ 99	41-150	<1	26
Cadmium, 6010	90/ 91/ 96	59-130	1	24
Calcium, 6010	* / * / 99	71-121	*	19
Chromium, 6010	96/ 97/100	57-135	1	24
Cobalt, 6010	93/ 94/ 99	78-117	1	17
Copper, 6010	99/ 99/ 99	78-118	<1	12
Iron, 6010	* / * /102	48-139	*	38
Lead, 6010	96/ 96/101	63-128	<1	26
Magnesium, 6010	101/102/100	62-121	<1	23
Manganese, 6010	100/ 99/101	30-164	1	21
Nickel, 6010	93/ 94/ 98	78-111	1	14
Potassium, 6010	99/100/101	70-135	1	22
Selenium, 6010	93/ 93/ 98	60-121	<1	14
Silver, 6010	82/ 81/ 84	69-118	1	10
Sodium, 6010	101/101/102	74-121	<1	21
Thallium, 6010	95/ 95/102	85-109	<1	14
Vanadium, 6010	94/ 95/ 98	81-119	1	16
Zinc, 6010	93/ 92/ 97	76-125	1	19
Mercury, 7471	103/103/102	69-121	<1	18
<u>PETROL. RESIDUAL ORG.</u>				
Hydrocarbons (C8-C40)	84/ 79/ 75	62-204	6	25

< = Less Than

MS = Matrix Spike

MSD = Matrix Spike Duplicate

LCS = Laboratory Control Standard

RPD = Relative Percent Difference

* = MS/MSD/RPD unavailable due to high original sample concentration.



PROCTOR COMPACTION REPORT

Atlantic Geotechnical & Environmental Services, Inc.
 9620 Bradley Road - Jacksonville, FL 32216
 Phone: (904) 721-2347 Fax: (904) 721-2321
 Email: ages001@bellsouth.net

JOB NO: J9224
 PROJECT NAME: Cecil Field Building #312
 SOIL DESCRIPTION: Brown Slightly Clayey Fine SAND
 TEST METHOD: ASTM D-1557
 SAMPLE LOCATION: Stockpile
 CLIENT: WRS

SAMPLE NO. : P1
 DATE SAMPLED : 09/25/03
 DATE TESTED : 09/25/03
 TESTED BY: D. Middleton
 REPORT NO. : P1
 SAMPLED BY: J. Byerly

COPY

MOLDED SOIL DATA:

Target Moisture %					
Mold No.	B	B	B		
Mold Volume (cf)	0.033	0.033	0.033		
gms water added					
Wt. comp soil+mold (lbs)	8.35	8.26	8.38		
Wt. of mold (lbs)	4.47	4.47	4.47		
Wt. Comp. Wet Soil (lbs)	3.88	3.79	3.91		
Wet Density (pcf)	117.6	114.8	118.5		

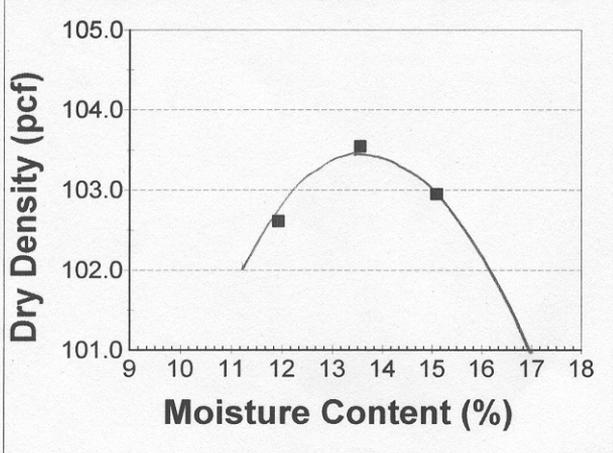
MOISTURE CONTENT DATA:

Container No.	519	502	534		
Wt Cont & Wet Soil (gm)	309.2	310.4	309.4		
Wt. Cont & Dry Soil (gm)	282.4	286.4	279.9		
Wt. of Water (gm)	26.8	24	29.5		
Wt.of Container (gm)	84.6	85.1	84.4		
Wt. Dry Soil (gm)	197.8	201.3	195.5		
Water Content (%)	13.5	11.9	15.1		

PROCTOR RESULTS:

Water Content %	13.5	11.9	15.1		
Dry Density (pcf)	103.5	102.6	103.0		

DRY DENSITY VS MOISTURE CONTENT



B

TEST RESULTS

Maximum Dry Density (PCF) **103.6**

Optimum Moisture Content (%) **13.5**

% Fines Content = **7.2**

Prepared by:

Timothy R. Wheeler, P.E.
 Registered Florida No. 42802