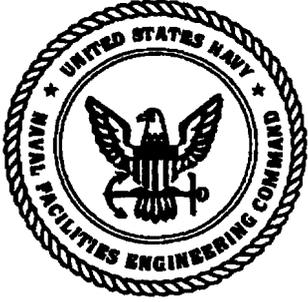


32501.001
02.02.01.0002

**PROJECT COMPLETION REPORT
REMEDIAION WORK
AT VARIOUS SITES
NAVAL AIR STATION
Pensacola, FL**

N00204.AR.001713
NAS PENSACOLA
5090.3a

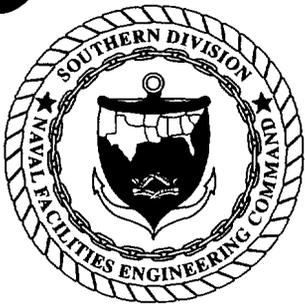


Prepared for

**DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND**

Under Contract No. N62467-93-D-0936

Delivery Order #0071



Prepared by



**BECHTEL ENVIRONMENTAL, INC.
OAK RIDGE, TENNESSEE**

BECHTEL JOB NO. 22567



COMPLETION REPORT
FOR
REMEDICATION WORK
VARIOUS SITES
DELIVERY ORDER NO. 0071
AT
NAVAL AIR STATION, PENSACOLA, FLORIDA

Prepared for

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND

Under Contract No. N62467-93-D-0936

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BECHTEL ENVIRONMENTAL, INC.
OAK RIDGE, TENNESSEE

November 1998

REVISION 0

Bechtel Job No. 22567

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- A Figures and Base Excavation Permit
- B Key Subcontractors
- C Action Memorandum: Delivery Order 71
- D Confirmation Sampling Laboratory Analytical Results
- E Waste Manifests and Certificates of Destruction
- F Preconstruction Meeting Agenda/Meeting Minutes
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2-2	Summary of Quantity Excavated and Disposed	2

ACRONYMS AND ABBREVIATIONS

Bechtel	Bechtel Environmental, Inc.
COC	constituent of concern
EPA	Environmental Protection Agency
FDEP	Florida Department of Environmental Protection
NTR	Navy Technical Representative
OU	Operable Unit
PCBs	polychlorinated biphenyls
PRGs	preliminary remediation goals
SOUTHDN	Naval Facilities Engineering Command, Southern Division

UNITS OF MEASUREMENT

$\mu\text{g}/\text{kg}$	micrograms per kilogram
ft	foot
mg/kg	milligrams per kilogram
mL	milliliter
ppb	parts per billion
ppm	parts per million
yd^3	cubic yards

EXECUTIVE SUMMARY

This report describes the Time-Critical Removal Action performed by Bechtel Environmental Inc. (Bechtel) to remediate various sites at Naval Air Station Pensacola, Florida (NAS Pensacola). The work was performed under Delivery Order 0071, and in accordance with the Action Memorandum dated January 1998. The sites included Site 1 Tar Pit Operable Unit (OU) 1; Site 7; Site 9A, **OU-6**; Site 10; Site 17, OU-14; Site 18; and Site 25, OU-2. Site locations are shown on the figures included in Appendix A. The objective of this work was to perform Time-Critical Removal Actions by excavation and disposal of contaminated soils. Field activities at each location included removal of contaminated soil to a depth of 2 ft, collection of samples to verify that all contaminated soil had been removed, backfill of excavated area with clean soil, and seeding and mulching for revegetation.

All documents, including state and federal approval letters, are contained in the Administrative Record located at the NAS Pensacola Library, Building **633**.

1.0 PROBLEM STATEMENT

The Naval Facilities Engineering Command, Southern Division (**SOUTHDIV**) performed soil sampling at these various sites at the Naval Air Station (NAS) Pensacola. The site characterizations were performed by EnSafe, Inc. (EnSafe). As a result of these sampling activities, soil at the various sites was found to be contaminated with concentrations of lead, arsenic, polychlorinated biphenyls (PCBs), and pesticides in excess of Florida cleanup goals for residential sites. Previous waste disposal practices and operations associated with activities at the various sites were determined to be the cause of the soil contamination. The objectives of the Time-Critical Removal Actions were to remove soils that exceeded the Preliminary Remediation Goals (PRGs) for the contaminants of concern (COCs) (i.e., lead, arsenic, PCBs and pesticides) and to restore the site with clean soil.

2.0 SCOPE OF WORK

SOUTHDIV defined the objective of the Time-Critical Removal Action as contaminant source removal from the various sites that exhibited elevated levels of contaminants of concern. At Site 1, Tar Pit **OU-1**, there was no PRG and the removal action was eliminate a physical hazard related to recreational use of the surrounding area. Contaminants of concern were removed from Sites **7, 9A, 10, 17, 18, and 25** because they were present at concentrations that exceeded the Florida Department of Environmental Protection (FDEP) soil cleanup goals for residential sites as shown in Table 2-1.

Table 2-1
Contaminants of Concern and PRGs

Site	Excavated Area	Contaminant of Concern	Maximum Concentration Detected (mg/kg)	FDEP PRGs
1, Tar Pit OU-1	10 ft x 70 ft x 2 ft	NA	NA	NA
7	2 ft x 20 ft x 2 ft	Arsenic	4.2	1.56
9A, East Area	2,438 ft²	Lead	2,700.0	500.0
9B, West Area	2,263 ft²			
10	6 ft x 6 ft x 2 ft	Dieldrin	0.710	0.070
17, OU-14	5 ft x 6 ft x 2 ft	PCBs	4.2	0.900
18	6 ft x 6 ft x 2 ft	PCBs	4.1	0.900
25, OU-2	6 ft x 6 ft x 2 ft	PCBs	3.1	0.900

The scope of work included the following activities at each site:

- Establish excavation boundaries
- Remove heavy vegetation overgrowth **and** small trees, if necessary
- Remove contaminated surface soils to a depth of **2 ft**
- Collect soil samples at PCB-contaminated sites for field screening by immunoassay to guide excavation activities
- Collect soil samples for quick turnaround lead analysis to guide excavation activities at Site 9A
- Collect samples for laboratory analysis after completion of the removal action to verify complete removal of contaminated soil

- Backfill excavated area with clean soil
- Restore backfilled area by seeding and mulching

2.1 MOBILIZATION

Bechtel Environmental, Inc. (Bechtel) mobilized a Site Superintendent, a Safety and Health Representative, one operator, and two laborers to NAS Pensacola on February 2, 1998 to perform the field work.

2.1.1 Preconstruction Activities

A pre-construction meeting was held on January 20, 1998, before field activities began. The meeting was conducted by SOUTH DIV, NAS Pensacola Base Environmental, and the Navy Technical Representative (NTR). Representatives from NAS Pensacola Safety and Security departments were present, in addition to Bechtel field staff members as shown on the sign in sheet in Appendix F.

Before beginning excavation activities at each site, the boundaries of the area or areas to be excavated were laid out based on previous soil sampling data. If required, clearing of overhanging limbs and other vegetation was done at the sites to facilitate access for the waste transport vehicles. Soil was excavated from the areas as follows:

Hand tools were used to excavate the soil in areas where adjacent utility lines were within the excavation boundaries. Site access passes and temporary security badges were obtained for vehicles and personnel. Due to the small staff and short duration of the project, a site office trailer was not used.

2.2 QUANTITY OF MATERIAL HANDLED/REMEDiated

The estimated quantity of soil to be excavated from the seven various sites was 424 yd³. The actual quantity of soil excavated and disposed for the seven sites was approximately 649 yd³, or approximately 907 tons. The soil disposed consisted of sandy soil, roots, peat-like organic material, and tar. Table 2-2 identifies the disposal manifest number, transporter, and disposal facility for the waste from each site.

**Table 2-2
Summary of Quantity Excavated and Disposed**

Non-Hazardous Waste Stream	Estimated Quantity Soil to be Excavated	Quantity of Soil Removed	Disposal Manifest Numbers	Transporter	Disposal Facility
SITES 1 and 7					
Soil mixed with waste tar (Site 1) and arsenic (Site 7)	55 yd ³	55 yd ³	SC No. 7040 SC No. 7041 SC No. 7042 SC No. 7043 SC No. 7249	Waste Management Inc. - Florida Pompano Beach, FL 33373	Springhill Regional Landfill 4945 Highway 273 Graceville, FL 32703
SITE 10					
Soil contaminated with dieldrin	3 yd ³	8 yd ³	SC No. 7245	Waste Management Inc. - Florida Pompano Beach, FL 33373	Springhill Regional Landfill 4945 Highway 273 Graceville, FL 32703

Table 2-2 (continued)

Non-Hazardous Waste Stream	Estimated Quantity Soil to be Excavated	Quantity of Soil Removed	Disposal Manifest Numbers	Transporter	Disposal Facility
SITES 17, 18, and 25					
Soil contaminated with PCBs	8 yd ³	13 yd ³	SC No. 7244 SC No. 7248	Waste Management Inc. - Florida Pompano Beach, FL 33373	Springhill Regional Landfill 4945 Highway 273 Graceville, FL 32703
Hazardous Waste Stream					
SITE 9A					
Soil contaminated with lead	359 yd ³	573 yd ³	08001 08002 08003 08004 08005 08006 08007 08008 08009 08010 08011 08012 08013 08014 08015 08016 08017 08018 08019 08020 08021 08022 08023 08024 08025 08026 08027 08028 08029 08030 08031 08032 08033 08034 08035	American Environmental Services 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101 (412) 486-1007	LWD, Inc. 1637 Shar Cal Rd. Calvert City, KY (502) 395-8313

2.2.1 Waste Management

Remediation waste generated during the Time Critical Removal Action was managed in accordance with the *Environmental Response Action Contract Waste Management Plan* (Bechtel 1995). Wastes generated were classified based on the analytical data collected during previous sampling events.

2.2.1.1 Constituents of Concern

Site 1: Waste tar considered to be a physical hazard. There was no PRG established for this site. No other contaminants were identified for this site.

Site 7: Surface soil exceeding the PRG for arsenic of 1.56 mg/kg (background). The maximum concentration of arsenic detected at this site was 4.2 mg/kg.

Site 9A: Surface soil exceeding the PRG for lead, which is 500 mg/kg. The maximum concentration of lead detected at this site was 2,700 mg/kg; at least one sample exceeded the Toxicity Characteristic Leaching Procedure (TCLP) regulatory threshold for hazardous waste of 5.0 mg/L. Therefore, the soil removed from this site was classified as hazardous waste and managed, treated, and disposed of at a Resource Conservation and Recovery Act (RCRA) Subtitle C facility.

Site 10: Surface soil exceeding the established PRG for dieldrin of 0.070 mg/kg. The maximum concentration of dieldrin detected at this site was 0.710 mg/kg.

Sites 17, 18, and 25: Surface soil contaminated with PCBs (Aroclor 1260) in excess of the PRG of 0.900 mg/kg. Aroclor **1260** was detected at a concentration of **4.2** mg/kg at Site 17, at 4.1 mg/kg at Site 18, and at 3.1 mg/kg at Site 25.

2.2.2 Quantity of Backfill

Backfill was obtained from McDirt Industries and consisted of sandy clay. Approximately 672 yd³ of clean granular fill was delivered to the various sites and placed into the excavations.

2.3 DEMOLITION

No demolition was required.

2.4 SYSTEM INSTALLATION

(N/A - Removal action only).

2.5 REMEDIAL TECHNOLOGY DESCRIPTION

The remediation method selected for the seven sites was removal of the surface soil to a depth of 2 ft, containerization, and offsite disposal in either a Subtitle C (Site 9A) or a Subtitle D landfill (Sites 1, 7, 10, 17, 18, and **25**).

To reduce the volume of hazardous waste at Site 9A, a plan was developed to delineate the contaminated area by sampling the site on a 5ft by 5ft grid, which was tight enough to be protective of human health, yet still more cost effective than disposing of all the soil as hazardous waste.

A mobile laboratory was set up onsite to perform high volume X-ray fluorescence (XRF) analysis of **424** samples, at a rate of 75 samples per day. This rate of production allowed excavation of contaminated areas to proceed efficiently, minimizing the total time required for field mobilization. To ensure that the XRF data was meaningful and reliable, split samples were collected at **24** sample locations, providing correlation curves between the XRF lead analytical results and the total lead analytical results determined by Method 7420 at an offsite laboratory; a similar split sample approach was used for **8** TCLP samples.

During field activities, the area of excavation along gridline 4.5 was guided by samples being collected for lead and sent to an offsite laboratory with 24-hour turn-around time capability. Excavation continued until the detections met the target limit of 500 mg/kg. Confirmation samples were then collected from the perimeter sidewalls of the excavation and sent to an offsite laboratory for analysis by EPA Method 7420. The area of excavation along gridline -4 removed as much soil as possible against the drainage ditch proper. Removal of additional soils would have caused the ditch to collapse. This excavated area was done under constant communication with the base to prevent extensive damage to a main drainage system for a large portion of NAS Pensacola. Confirmation samples could not be collected along gridline -4 since no remaining soils could be excavated.

Using this field sampling and analysis approach avoided the excavation and disposal of an area of 4,824 ff as hazardous waste and the placement of approximately the same volume of clean backfill. The total net savings in avoided costs were \$111,000, after allowing for additional costs of \$60,500 for sampling and analysis related to delineation of the contaminated area.

2.6 GENERAL SITE RESTORATION AND DEMOBILIZATION

2.6.1 Site Restoration

Approximately 672 yd³ of clean granular fill from McDirt Industries was backfilled and compacted at six of the seven various sites. Restoration at Site 1 Tar Pit was accomplished using soil from a nearby stockpile of native material to return the area to its natural state. At Sites 7 and 10, topsoil was placed for restoration of surrounding areas damaged by activities. Grass seed was then sown and mulch placed to allow revegetation to take place. Site 17 was backfilled and dressed with native material **from** the surrounding area. Restoration at Site 18 used backfill covered by crushed shell material from the surrounding area to return the area to its natural state.

Excavation activities at Site 9A were more extensive, covering a larger area than the other six sites. Therefore, restoration activities required a wider variety of materials, including backfill, topsoil, grass seed, sod, and straw for mulch.

2.6.2 Demobilization

Demobilization included decontamination of equipment, cleaning work areas, and removing equipment from the work site.

3.0 MAJOR PROBLEMS ENCOUNTERED/DELAYS/INNOVATIVE/ COST EFFECTIVE SOLUTIONS

3.1 MAJOR PROBLEMS ENCOUNTERED

Potential unexploded ordnance was unearthed during excavation activities at Site **9A** on **06 Feb 98**; appropriate **NAS** Pensacola personnel were notified, and material was removed. Material consisted of concrete spheres once used as practice bombs. Received **80 yd³** of clean backfill material.

Potential unexploded ordnance was unearthed during excavation activities at Site **9A** on **11 Feb 98**. The material unearthed was identical to that found on **6 February**, and **NAS** Pensacola personnel directed that it be disposed of with the contaminated soil from the site.

3.2 DELAYS

There were no delays or problems. Close participation and coordination by the Base Environmental IR Coordinator, Ron Joyner, made a significant contribution in enabling the work to be performed in the very limited time allocated to the task and in helping to keep the costs under control.

3.3 INNOVATIVE/COST EFFECTIVE SOLUTIONS

The scope of work for Site **9A** specified complete excavation and offsite disposal of **8,500 ff** of lead-contaminated soil to a depth of 2 ft from within the boundaries of the site, but samples had not been analyzed for lead by the TCLP procedure. Before mobilizing to the site, representative waste profile samples were collected by Bechtel from the same sample locations that were previously identified during site characterization, and analyzed by the TCLP method. The results showed that lead exceeded the limits for disposal, requiring treatment and disposal as hazardous waste. **The** cost would have been approximately **\$302,000** for treatment and disposal of the lead-contaminated soil classified as hazardous waste. **An** innovative method was developed to reduce the amount of waste to be excavated, thereby reducing the disposal costs by \$111,000.

- Cost savings realized for rental, mobilization, and fuel costs for a vibratory roller and compaction testing. The roller was not required, as the rubber tires of the loader placing the clean backfill were a satisfactory method of compaction. No compaction tests were required due to the location of the sites and the method used for backfill.
- Cost savings realized for rental, delivery, and onsite container movement. These items were not required due to coordination with the subcontractor to obtain dump trucks to haul and dispose of the contaminated soil without having to use containers.

REFERENCE

Bechtel (Bechtel Environmental, Inc.), 1995. *Environmental Response Action Contract Waste Management Plan*.

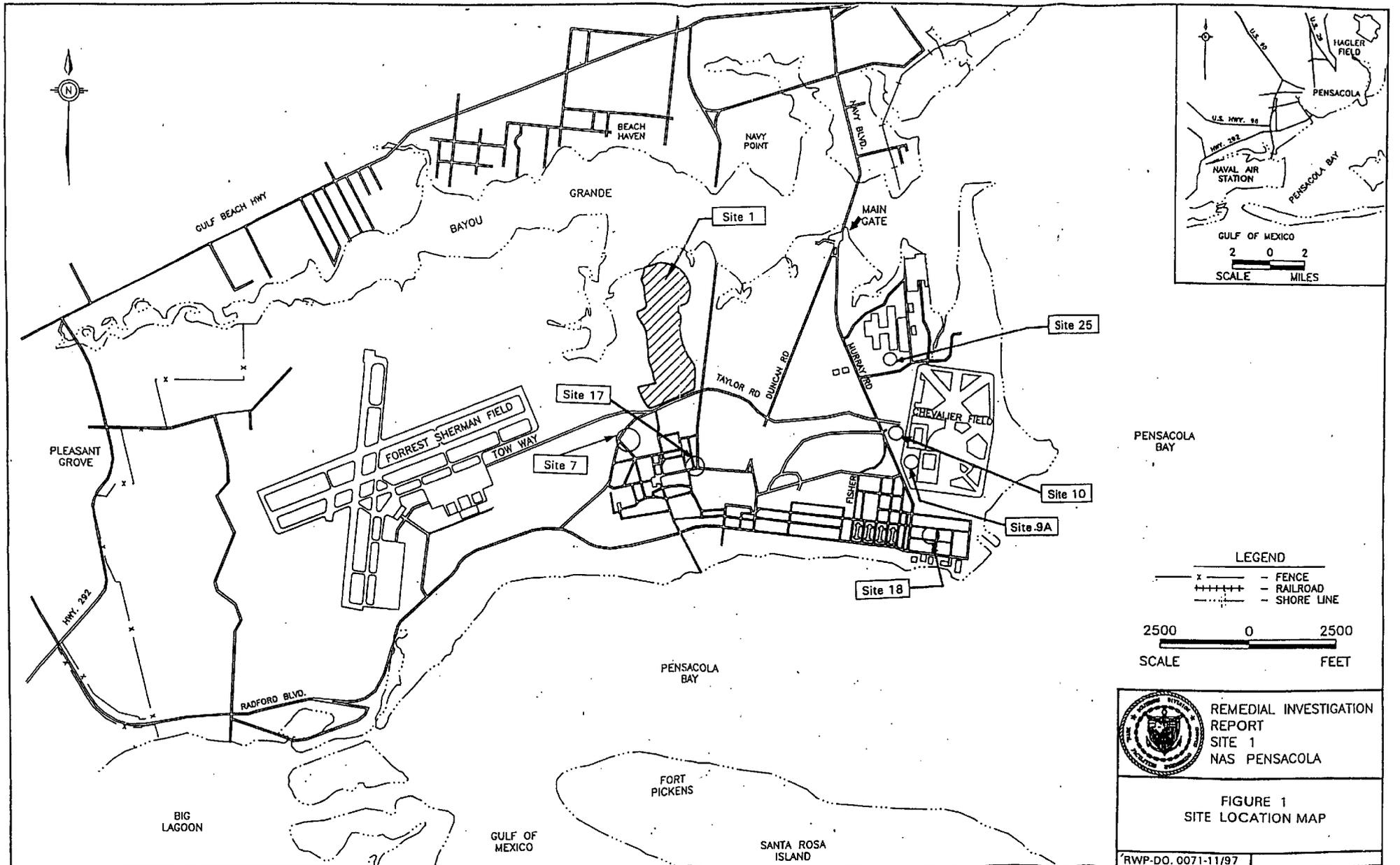
APPENDIX A
FIGURES
AND BASE EXCAVATION PERMIT

Index

Figures:

- 1. Site Location Maps**
- 2. Location of the 7 Various Sites**

Base Excavation Permit



REMEDIAL INVESTIGATION
 REPORT
 SITE 1
 NAS PENSACOLA

FIGURE 1
 SITE LOCATION MAP

BAYOU GRANDE

BUILDINGS

3487 3554

BAYOU GRANDE POND

NORTH POND

PICNIC ROAD

TAR PIT COORDINATES	
Easting	Northing
1087457.90	507114.80
1087521.30	507095.00
1087514.90	507071.40
1087461.50	507101.00

SITE 1
TAR PIT

POWERLINE ROAD

INTERMITTENT CREEK

LANDFILL
BOUNDARY
(APPROXIMATE)

GOLF COURSE POND

BEAVER POND

MARSH

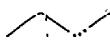
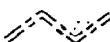
GOLF COURSE

TAYLOR ROAD

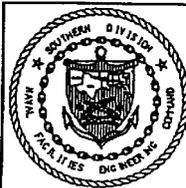
BUILDING
3680

J.H. TOWER ROAD

LEGEND

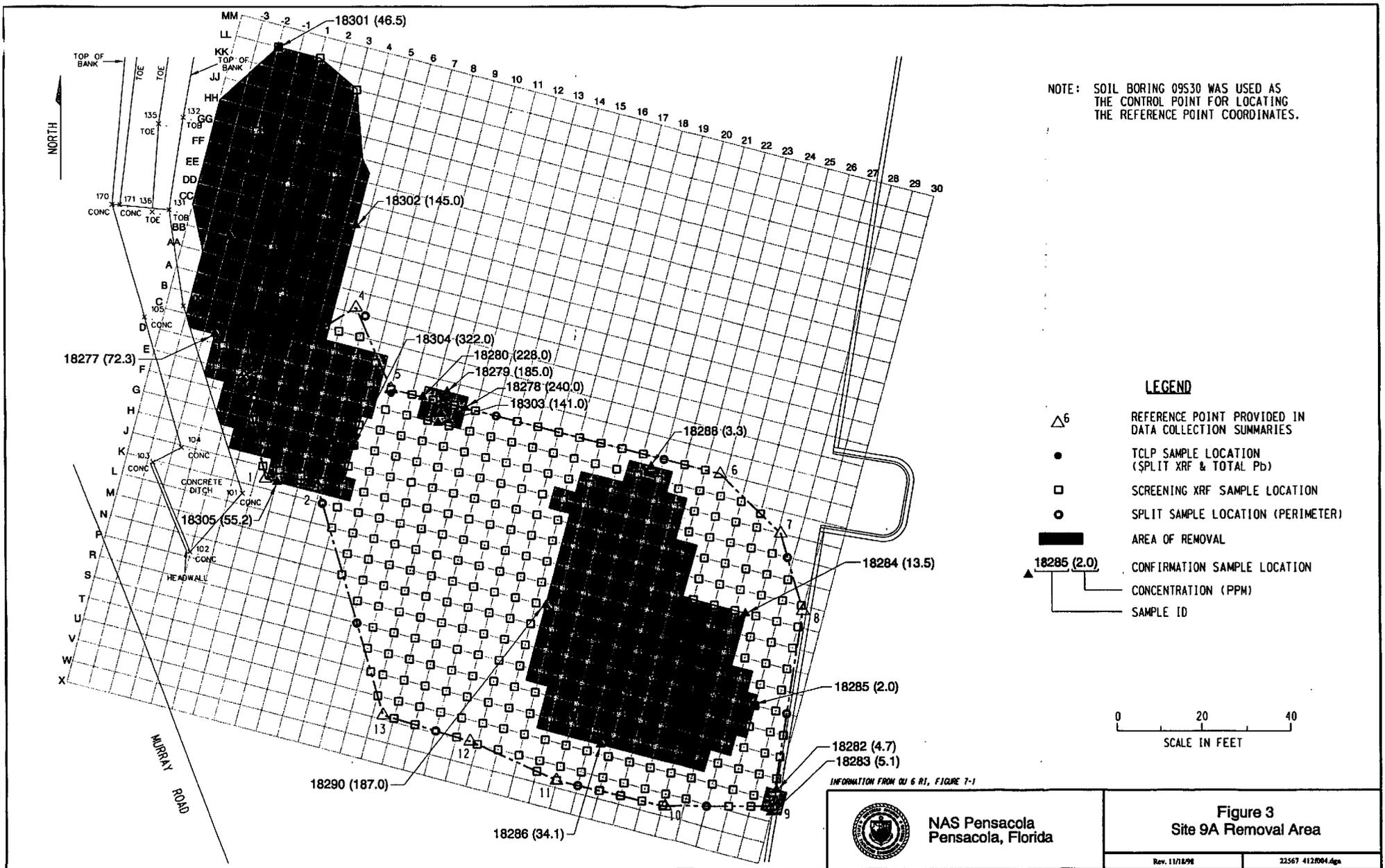
-  COASTLINE / SURFACE WATER FEATURE
-  UNPAVED ROAD

600 0 600
SCALE FEET



REMEDIAL INVESTIGATION
REPORT
SITE 1
NAS PENSACOLA

FIGURE 2
SITE 1 TAR PIT REMOVAL AREA



Approx. Site Boundary

Taylor Rd

Site 10 Removal Area for dieldrin
6'x6'x2' deep
Sidewall confirmation samples:

Sample ID	Concentration (ppm)
18310	0.0014
18311	0.0014
18312	0.0014
18313	0.0014
Bottom confirmation sample:	
18309	0.0014

10GS01

10GS03

10GM06

10M0101

10GS05

Murray Rd

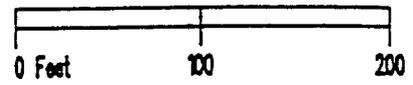
10GS04

Paved Ditch

Industrial

Legend

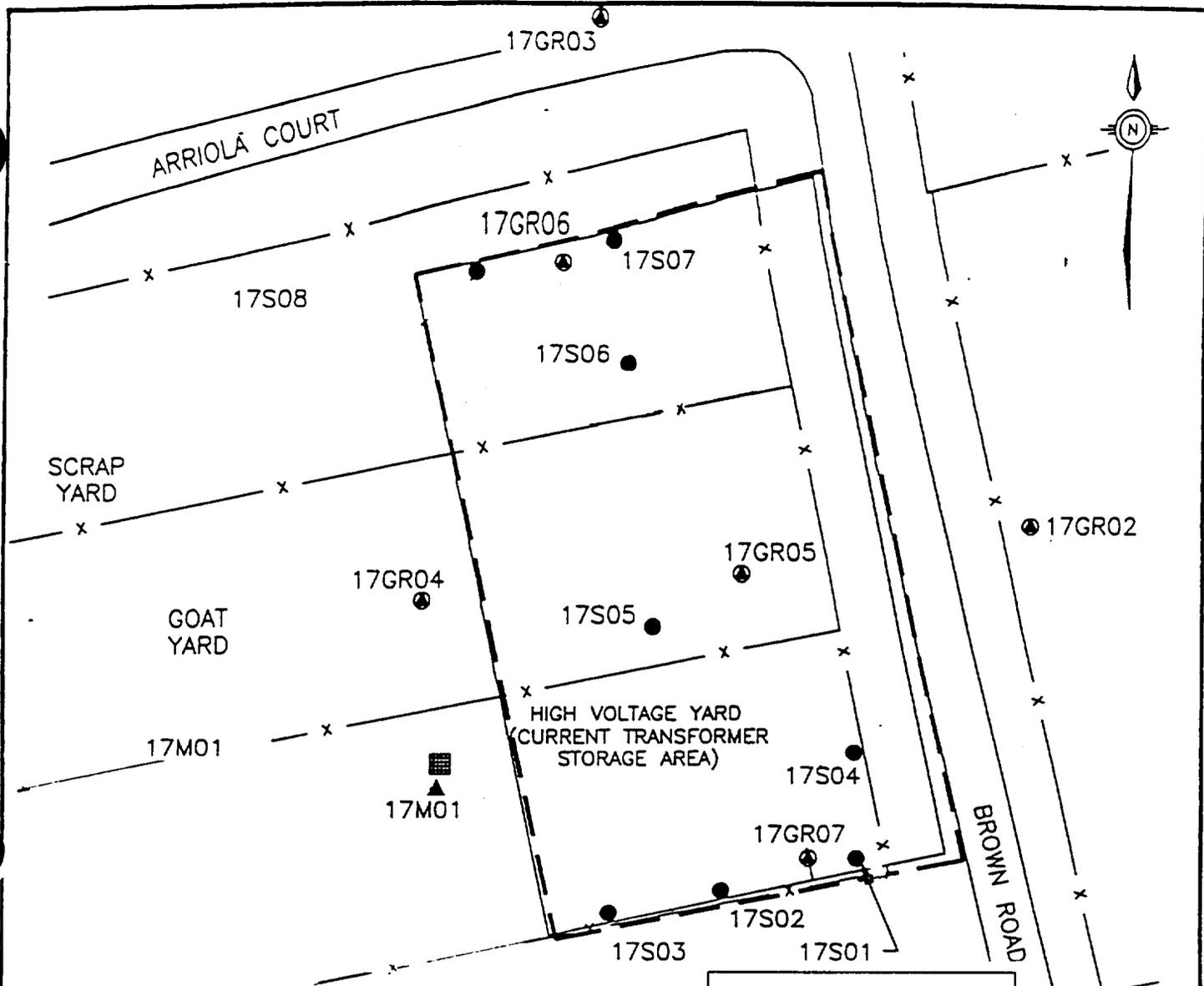
- ⊕ Permanent Well (Shallow)
- △ Sediment Sample
- ~ Industrial Waste Searer Line
- ~ Fuel Oil Line



Technical Memorandum
NAS Pensacola
Pensacola, Florida



FIGURE 4
SITE 10 REMOVAL AREA



LEGEND

- - SOIL BORING
- ▲ - SEDIMENT SAMPLE
- ⊙ - TEMPORARY SHALLOW WELL
- - APPROXIMATE SITE BOUNDARY
- X-X- - FENCE
- ▣ - STORM DRAIN

ALL SOIL PARAMETERS FROM SURFACE SOIL (0-1') INTERVAL; CONCENTRATIONS IN UG/KG

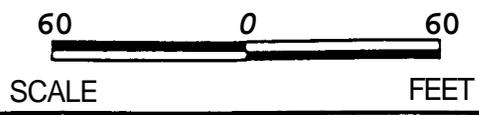
Site 17 Removal Area for PCB's
5'x6'x2' deep

Sidewall confirmation samples:

Sample ID	Concentration (ppm)
18319	0.0053
18320	0.0059
18321	0.0046
18322	0.0036

Bottom confirmation sample:

18323	0.0092
-------	--------



REMEDIAL INVESTIGATION
REPORT
SITE 17
NAS PENSACOLA

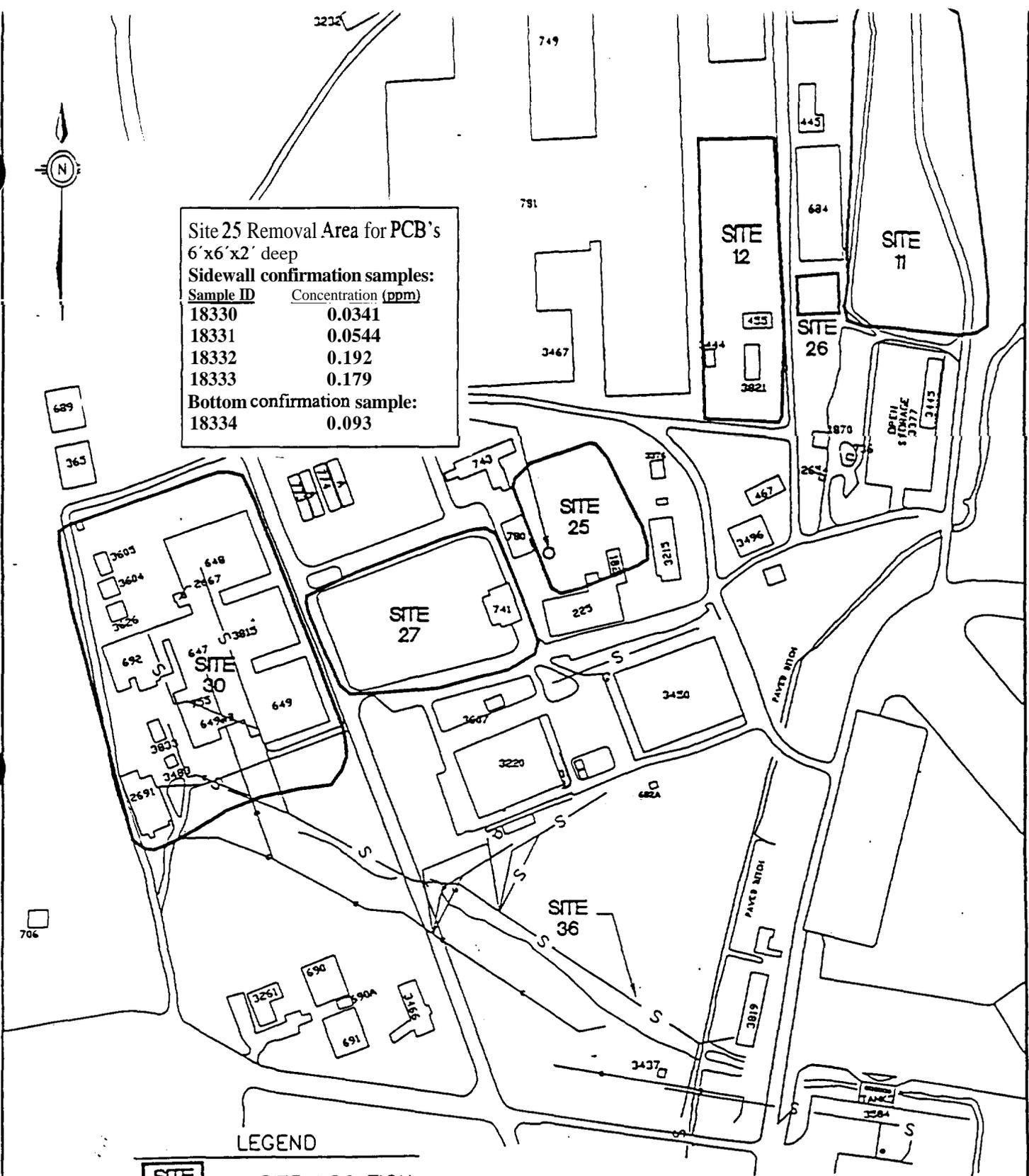
FIGURE 5
SITE 17 REMOVAL AREA



Site 25 Removal Area for PCB's
 6'x6'x2' deep
 Sidewall confirmation samples:

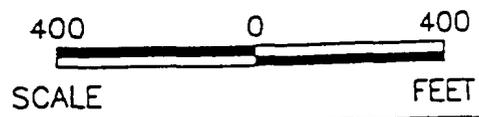
Sample ID	Concentration (ppm)
18330	0.0341
18331	0.0544
18332	0.192
18333	0.179

 Bottom confirmation sample:
 18334 0.093



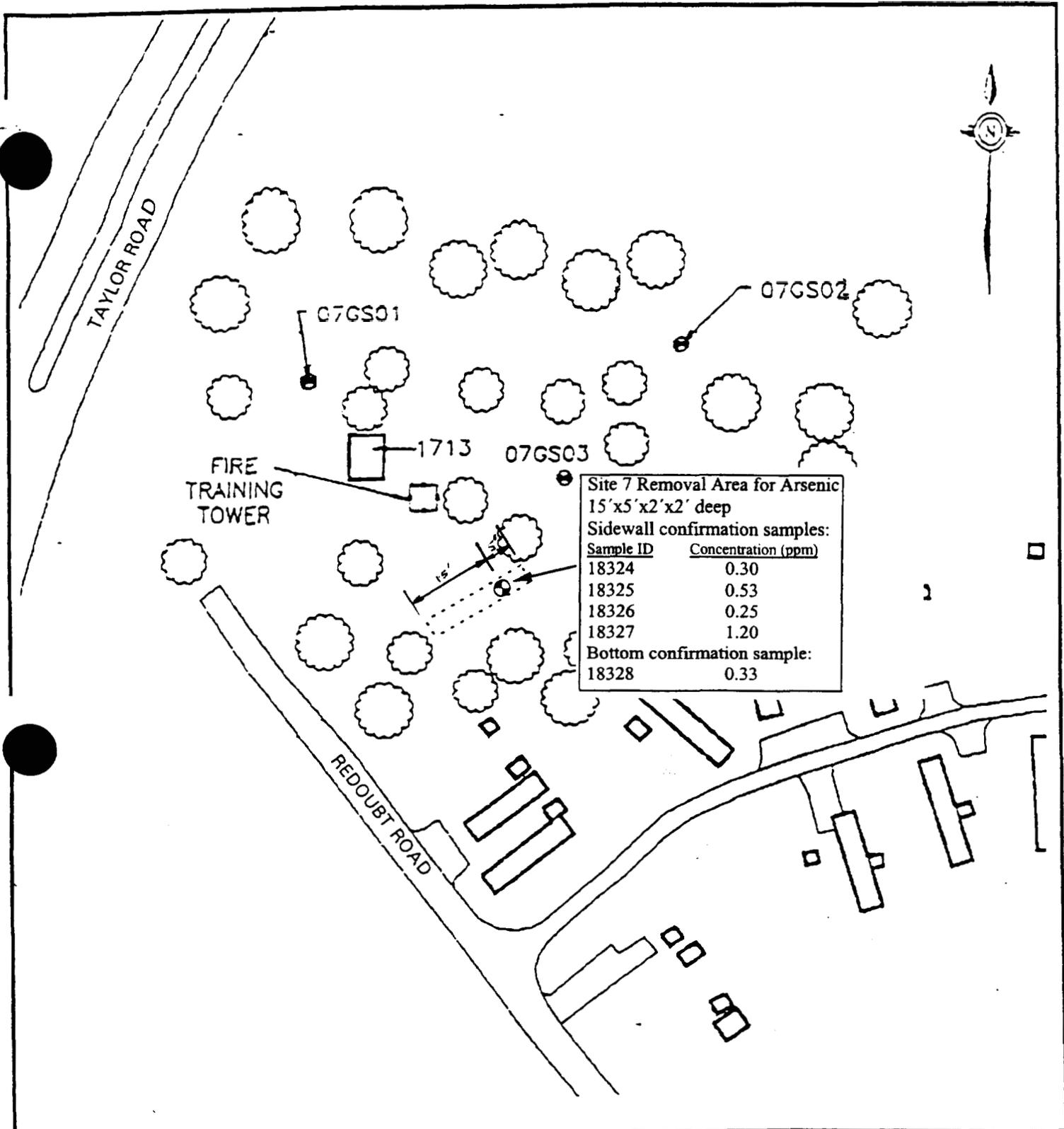
LEGEND

- SITE 27 - SITE LOCATION
- S— - SITE 36



REMEDIAL INVESTIGATION
 REPORT
 NAS PENSACOLA OU-2

FIGURE 7
 SITE 25 REMOVAL AREA

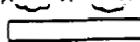


Site 7 Removal Area for Arsenic
 15'x5'x2'x2' deep
 Sidewall confirmation samples:

Sample ID	Concentration (ppm)
18324	0.30
18325	0.53
18326	0.25
18327	1.20

Bottom confirmation sample:
 18328 0.33

LEGEND

-  - SOIL BORING/SHALLOW MONITORING WELL
-  - MAINTAINED ROAD
-  - WOODED AREA
-  - FENCE
-  - MOBILE HOME



PRELIMINARY SITE CHARACTERIZATION REPORT
 SITE 7
 NAS PENSACOLA

FIGURE 8
 SITE 7 REMOVAL AREA



APR 13 1998

Sub Job 071 Rec Type PE Comm Date 11-DEC-97 Admin Rec N CCN-Item No. 000047-1

Project DO#0071 EXCAVATION PERMITS FOR NAS PENSACOLA, FL (VARIOUS SITES) PERMIT NOS. 26-31 @ SITES 9, 10, 25, 7, 17

From THOMPSON, K. Org BEI To FILE Org XXX File Loc M Closes CCN

Comm rence Published N

Cross Reference (A Doc) DO#0071 Field CCN

Site Codes 412

Subject Codes 7550

Film Reel

Owed By Org Due Date Closing CCN

Owed To Org Forecast Date Compl Date

00004

DISTRIBUTION	WA	WO	DISTRIBUTION	WA	WO	DISTRIBUTION	WA	WO
PROGRAM MGR P. W. TOMICZEK						NAVY SouthDiv: E. G. BALL		
PROG MGR SCTY C. HENSON						S. BERRY		
PROJ MGRS M McNEIL						B. HILL		
T. CONRAD						M. HERRON		
K. ATCHLEY						K. LOTT		
V. H. BAUER						R. MEDDICK		
R. J. COHOSE						B. GATES		
L. M. SIMS						B. NWOKIKE		
PROJECT ENGINEERS J. R. MANNING						B. GLOVER		
P.E. D. OBENAUER						D. PATRICK		
P.E. R. HOEKSTRA								
SITE SUPERINTENDENTS W. HEVRDEYS								
G. RHODES								
S. MOORE								
K. THOMPSON								
G. JASKA								
{FIELD PDCC} A. MASSEY								
DATA MGMT R. CRABTREE								
S&H MANAGER M. ATWOOD								
ENVIR COMPLIANCE R. ATWOOD								
CONTRACT ADM MGR TIM STONE								
FIELD PROCUREMENT S. WEINMAN								
PROJ CTRLS MGR C. J. PERRY								
			REFERENCE LIBRARY					
			CONDOR					
			75-YEAR RECORD FILE					
			SENSITIVE FILE					
ACCTNG E. FARMER/K. COURTNEY			SUBMITTAL FILE					
FIELD QC MGR J. A. GRISETT								
PROJECT ADMINISTRATOR L. LANDERS								
RECORDS MGMT B. STOUT			PDCC FILE	1		MEI		

SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND NORTH CHARLESTON, SOUTH CAROLINA



Excavation Permit - Naval Air Station Pensacola

An excavation permit must be obtained prior to any excavation aboard the Naval Air Station. The permit must be displayed on the job site or work will be stopped. TO obtain a permit, please fill out blocks 1-4 below and submit this form and two sets of plans/drawings (when applicable) to the Naval Air Station Facilities Management Department, Building 1754, Phone 452-4515.

Permit No. 26

Date 1211197

1. PROJECT TITLE

Title: Soil Removal - Site 9

2. PROJECT LOCATION

Street Address: ~~3480~~ 230 Chevlier Field Ave
Nearest Intersecting Street: Moffett Rd
Nearest Bldg: 3460

3. PROJECT DESCRIPTION

Detailed Descriptions: N

Proposed Start Date: Duration: 10 days

Machinery: Backhoe

Depth: 2 ft Width: 150 ft Length: 150 ft

JON: 1604020 ESR:

4. REQUESTOR INFORMATION

Name: Joyner

Command/Company:

E-mail Address:

Phone: 3900

FAX:

Contact Cultural Resource Manager at NAS (452-4515 ext. 322) or PWC (452-3643).

COMMENTS:

NOTE: Archaeological clearance may take 60 days pending extent of new construction, due to Dept of Navy, Federal and State

Contact Installation Restoration and Natural Resources at NAS (452-3900).

COMMENTS:

PWC Utility Clearance

Contact PWC Planning (452-3643). For emergency - Contact Survey Branch (452-4315)

COMMENTS: Refreshed marks 1/21/98.

NOTE: Excavations within 2 feet of marked utilities on both sides must be performed with hand tools until utilities are exposed. Survey based on available documents only. Does not warrant site free from unknown utilities, PROCEED WITH CAUTION!

NASP/PWC Safety Review

Contact NAS (452-2125) and PWC (452-3495).

COMMENTS:

For Bell South and Gulf Power contact Sunshine at 800-432-4770. GOOD FROM 12:00PM 2-3-98 THRU 2-18-98.
SOUTHERN BELL # 68200
For Cable TV contact Cablevision at 800-239-4776. TODD BAKER CONTACTED ON 2-2-98, NO REF. # GIVEN.
For Ground Electronics contact NASP (452-2848) or Sherman Field (452-3460). N/A
E HILL

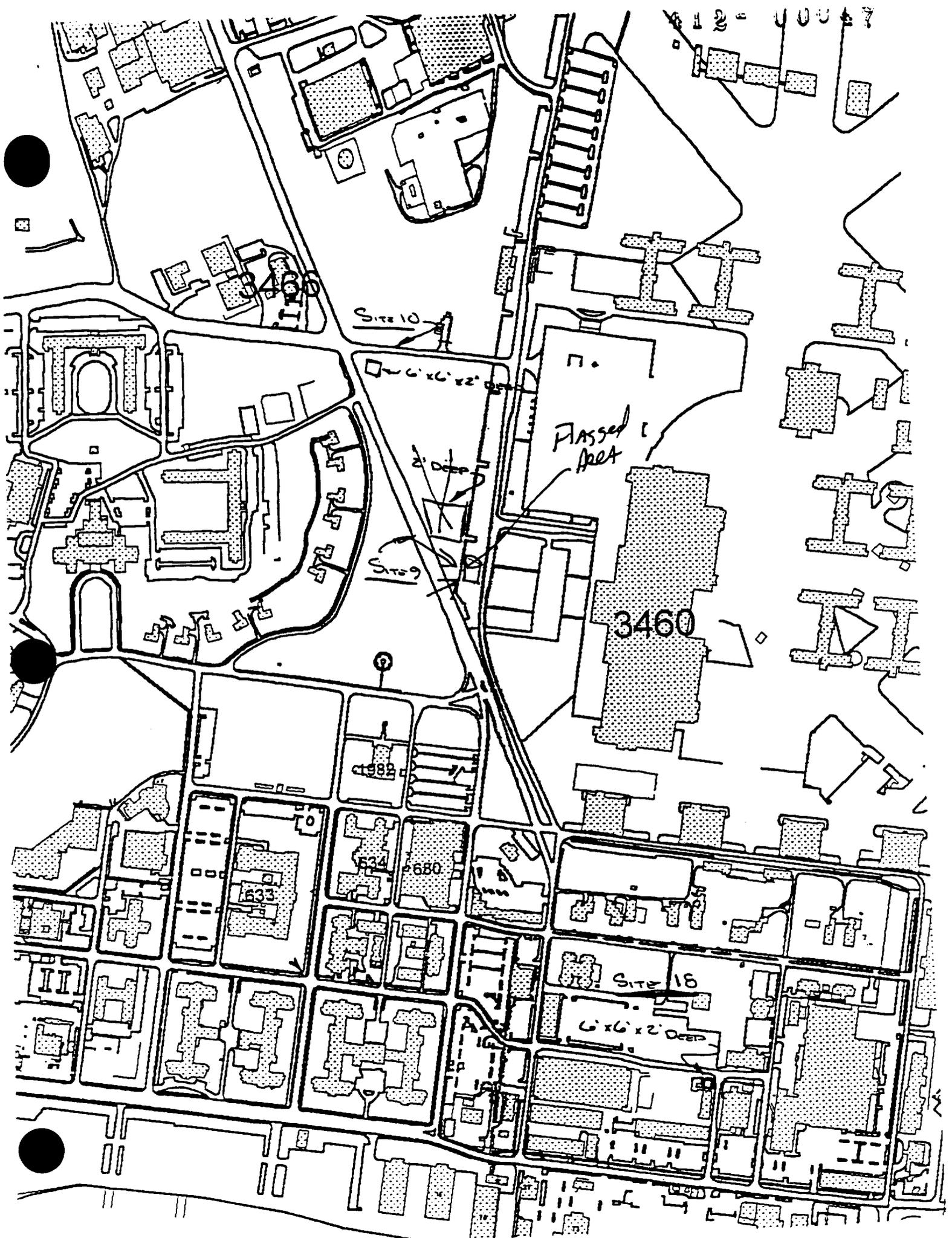
EXCAVATION PERMIT APPROVAL

Signature: *D. E. Bowen*

Date:

1/26/98

NOTE: This permit is void if survey markings are removed/relocated prior to excavating.



12 = 000 47

Site 10

Flashed Area

Site 9

3460

1982

624

680

633

Site 18

6' x 6' x 2' DEEP

A

An excavation permit must be obtained prior to any excavation aboard the Naval Air Station. The permit must be displayed on the job site or work will be stopped. To obtain a permit, please fill out blocks 1-4 below and submit this form and two sets of plans/drawings (when applicable) to the Naval Air Station Facilities Management Department, Building 1754, Phone 452-4515.

Permit No.

27

Date

12/11/97

1. PROJECT TITLE

Title: Sojl Removal - Site 10

2. PROJECT LOCATION

Street Address: 3466 180 TAYLOR RD
Nearest Intersecting Street: Murray Rd
Nearest Bldg: 3466 (FIRST NAVY BANK)

3. PROJECT DESCRIPTION

Detailed Descriptions: N
Proposed Start Date: Duration: 5 days
Machinery: Backhoe
Depth: 2 R Width: 6 ft Length: 6 ft
JON: 1604020 ESR:

4. REQUESTOR INFORMATION

Name: Joyner
Command/Company:
E-mail Address:
Phone: 3900 FAX:

— Archaeological Review —

Contact Cultural Resource Manager at NAS (452-4515 ext. 322) or PWC (452-3643).

COMMENTS:

NOTE: Archaeological clearance may take 60 days pending extent of new construction, due to Dept. of Navy, Federal and State Regulations.

— NASP Environmental Review —

Contact Installation Restoration and Natural Resources at NAS (452-3900).

COMMENTS:

— NASP/PWC Safety Review —

Contact NAS (452-2125) and PWC (452-3495).

COMMENTS:

— NCTS * Fiber Optic Cable and NAVY Telephone Clearance —

Contact NCTS (452-3501 ext. 459 or 575).

COMMENTS:

Contact the following to clear utility location.

For Bell South and Gulf Power contact Sunshine at 800-432-4770. #156305 Kelly since to 3/25/98, update by 3/23/98

For Cable TV contact Cablevision at 800-239-4776. Nicole 623

1A

EXCAVATION PERMIT APPROVAL

Signature:

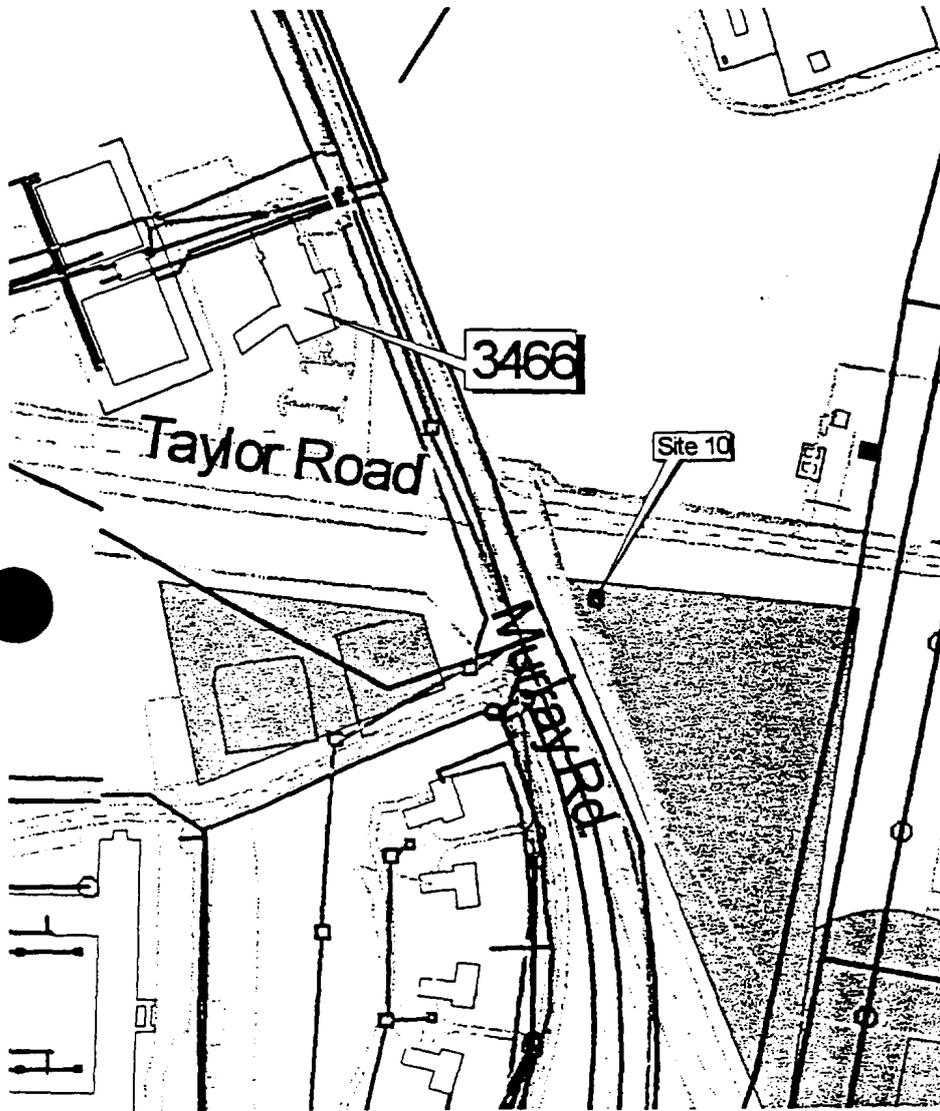
Stanley Bowen

Date:

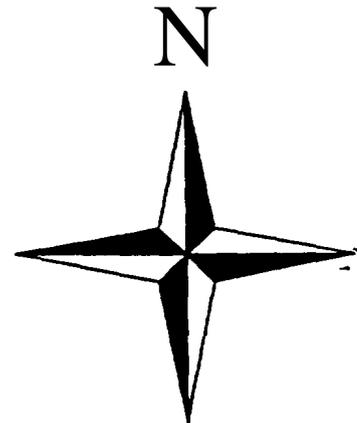
1/26/98

NOTE: This permit is void if survey markings are removed/relocated prior to excavating.

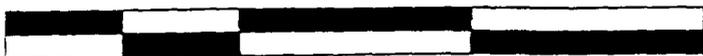
NAS PENSACOLA



- Electric
- Waste Water
- Manhole
- Water
- FOC
- Existing
- Proposed
- Storm
- Gas
- Phone
- Excavations
- Buildings
- Street Center Lines
- Edge-of-pavement
- Fences
- Airfields
- Parking
- Installation Restoration Sites
- NAS Boundary



300 0 300 600 Feet



Excavation Permit - Naval Air Station Pensacola

An excavation permit must be obtained prior to any excavation ~~aboard the~~ Naval Air Station. The permit must be displayed on the job site or work will be stopped. To obtain a permit, please fill out blocks 1-4 below and submit this form and two sets of plans/drawings (when applicable) to the Naval Air Station Facilities Management Department, Building 1754, Phone 452-4515.

Permit No. 20

Date 12/11/97

1. PROJECT TITLE Title: Soil Removal - Site 18	2. PROJECT LOCATION Street Address: 102 71 Center Ave Nearest Intersecting Street: Mustin St Nearest Bldg: 107
3. PROJECT DESCRIPTION Detailed Descriptions: N Proposed Start Date: _____ Duration: 5 days Machinery: Backhoe Depth: 2 ft Width: 6 ft Length: 6 ft JON: 1604020 ESR	4. REQUESTOR INFORMATION Name: Joyner Command/Company: _____ E-mail Address: _____ Phone: 3900 FAX: _____

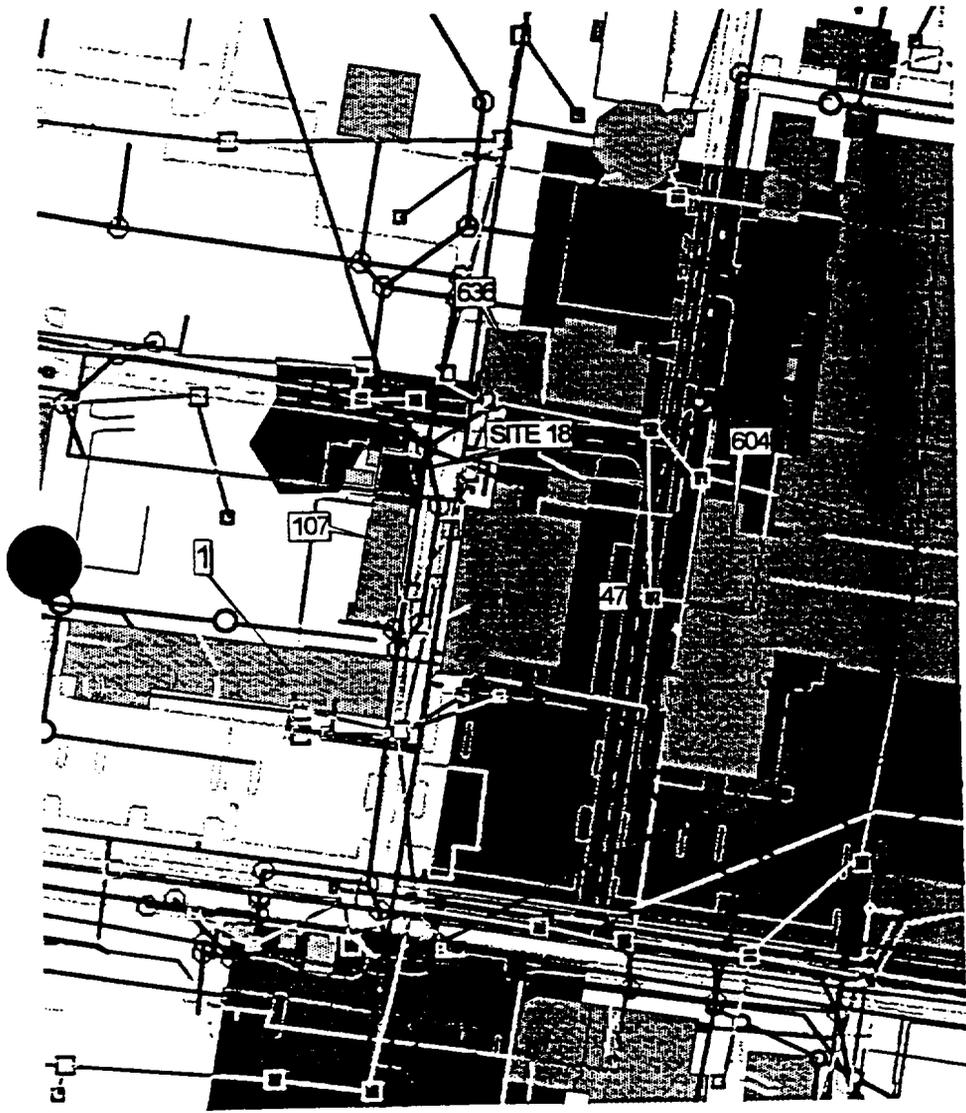
— Archaeological Review —
Contact Cultural Resource Manager at NAS (4524515 ext. 322) or PWC (452-3643).
COMMENTS:
NOTE: Archaeological clearance may take 60 days pending extent of **new construction**, due to Dept of Navy, Federal and **State** Regulations.

— NASP Environmental Review —
Contact Installation Restoration and Natural Resources at NAS (452-3900).
Contact PWC Planning (452-3643). For emergency - Contact Survey Branch (452-4315).
COMMENTS: *Refreshed marks 1/21/98*
NOTE: Excavations within 2 feet of marked utilities on both sides must be performed with hand tools until utilities are exposed. Survey based on available documents only. Does not warrant site **free** from unknown utilities. **PROCEED WITH CAUTION!**

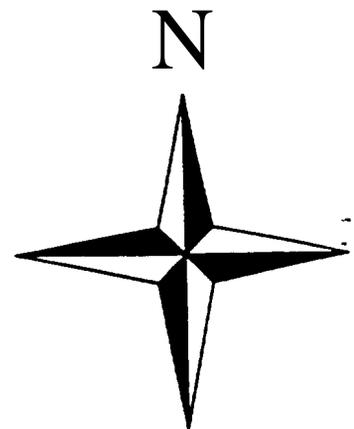
— NCTS - Fiber Optic Cable and NAW Telephone Clearance —
Contact NCTS (452-3501 ext. 459 or 575).
COMMENTS:

— Commercial and Other Utilities Clearance —
Contact the following to clear utility location.
For Bell South and Gulf Power contact Sunshine at 800-432-4770. **VERIFIED O.K. DURING LOCATE OF SITES 7, 10 & 17**
For Cable TV contact Cablevision at 800-239-4776. **Cable fiber #633**
For Ground Electronics contact NASP (452-2848) or Sherman Field (452-3460).

NAS PENSACOLA



- Electric
- Waste Water
- Manhole
- Water
- FOC
- Existing
- Proposed
- Storm
- Gas
- Phone
- Excavations
- Buildings
- Street Center Lines
- Edge-of-pavement
- Fences
- Airfields
- Parking
- Installation Restoration Sites
- NAS Boundary



200 0 200 400 Feet

Excavation Permit - Naval Air Station Pensacola

An excavation permit must be obtained prior to any excavation aboard the Naval Air Station. The permit must be displayed on the job site or work will be stopped. To obtain a permit, please fill out blocks 1-4 below and submit this form and two sets of plans/drawings (when applicable) to the Naval Air Station Facilities Management Department, Building 1754, Phone 452-4515.

[Redacted]

PROJECT LOCATION
Street Address: ~~780~~ 296 Fern Rd
Nearest Intersecting Street Murray Rd
Nearest Bldg: 780

[Redacted]

REQUESTOR INFORMATION
[Redacted]

Contact Cultural Resource Manager at NAS (452-4515 ext. 322) or PWC (452-3643).
COMMENTS:
NOTE: Archaeological clearance may take 60 days pending extent of new construction, due to Dept. of Navy, Federal and State Regulations.

COMMENTS:

PWC
Contact PWC Planning (452-3643). For emergency - Contact Survey Branch (452-4315).
COMMENTS:
NOTE: Excavations within 2 feet of marked utilities on both sides must be performed with hand tools until utilities are exposed. Survey based on available documents only. Does not warrant site free from unknown utilities. **PROCEED WITH ACTION!**

NASP/PWC Safety Review
Contact NAS (452-2125) and PWC (452-3495).
COMMENTS:

NCTS - Fiber Optic Cable and NAW Telephone Clearance
Contact NCTS (452-3501 ext. 459 or 575).
COMMENTS:

Commercial and Other Utilities Clearance
For Bell South and Gulf Power contact Sunshine at 800-432-4770
For Cable TV contact Cablevision at 800-239-4776.

SITE EXCAVATION PERFORMED BY HAND.

VAL
E Bowen

743



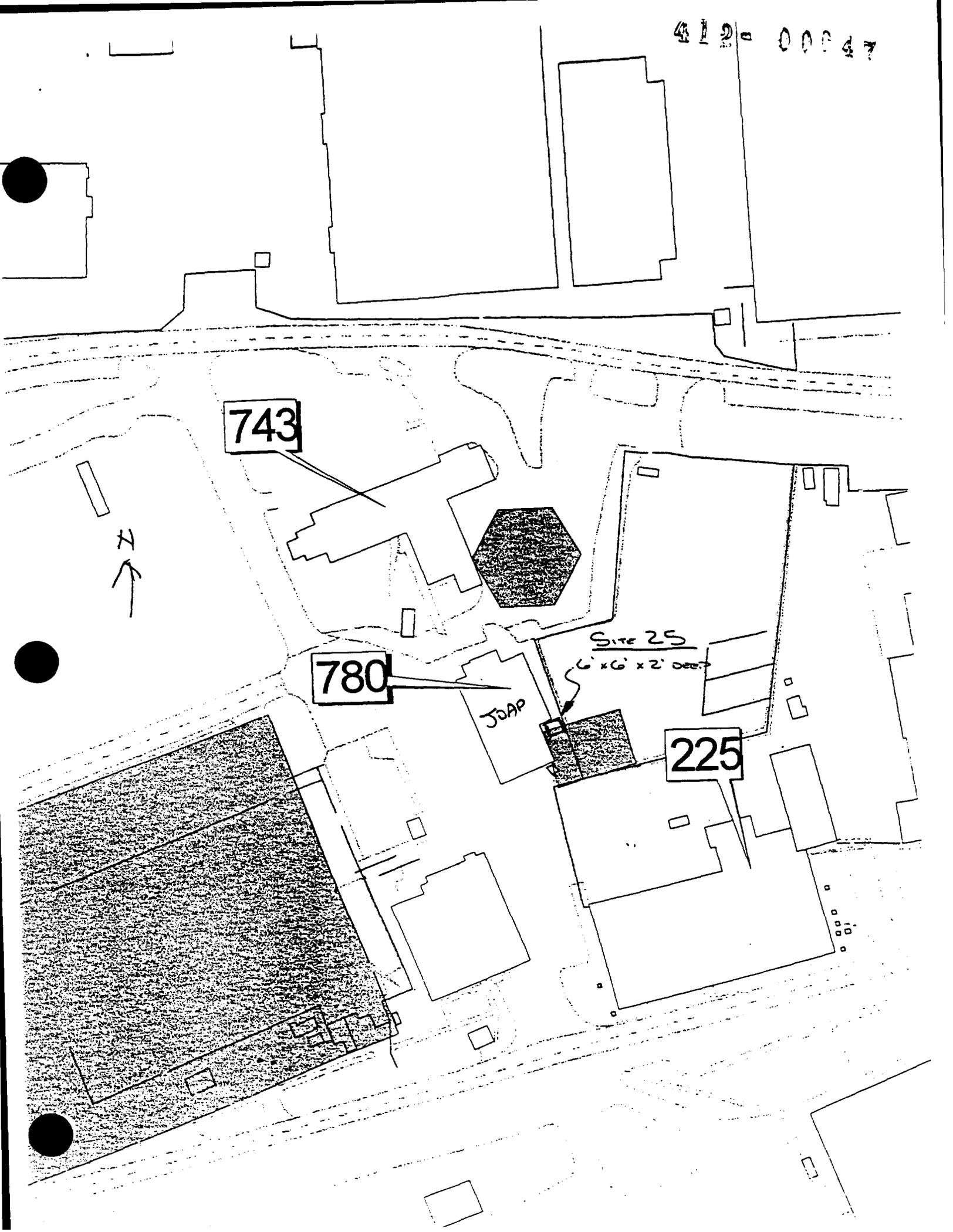
780

JOAP

SITE 25

6' x 6' x 2' DEEP

225



Excavation Permit - Naval Air Station Pensacola

An excavation permit must be obtained prior to any excavation aboard the Naval Air Station. The permit must be displayed on the job site or work will be stopped. To obtain a permit. Please fillout blocks 1-4 below and submit this form and two sets of plans/drawings (when applicable) to the Naval Air Station Facilities Management Department, Building 1754, Phone 452-4515.

Permit No. **30**

Date **12/11/97**

1. PROJECT TITLE

Title: **Soil Removal - Site 7**

2. PROJECT LOCATION

Street Address: **MOBILE HOME PARK**
Nearest Intersecting Street: **Redoubt Rd**
Nearest Bldg: **3528**

3. PROJECT DESCRIPTION

Detailed Descriptions: N

Proposed Start Date: Duration: **5 days**

Machinery: **Backhoe**

Depth: **2 ft** Width: **10 ft** Length: **25 ft**

JON: **1604020** ESR:

4. REQUESTOR INFORMATION

Name: **Joyner**

Command/Company:

E-mail Address:

Phone: **3900** FAX:

— Archaeological Review —

Contact Cultural Resource Manager at **NAS (452-4515 ext. 322)** or **PWC (452-3543)**.

COMMENTS:

NOTE: Archaeological clearance may take 60 days pending extent of new **construction**, due to **Dept.** of Navy, Federal and **State** Regulations.

— NASP Environmental Review —

Contact Installation Restoration and Natural Resources at **NAS (452-3900)**.

COMMENTS:

CEED WITH CAUTION!

Contact **NAS (452-2125)** and **PWC (452-3495)**.

COMMENTS:

— Commercial and Other Utilities Clearance —

Contact the following to clear utility location.

For **Bell** South and Gulf Power contact Sunshine at 8004324770. *Levy #156299 good to 3/25/98; update by 3/23/98*

For Cable TV contact Cablevision at 800-239-4776. *#624 New*

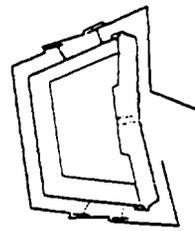
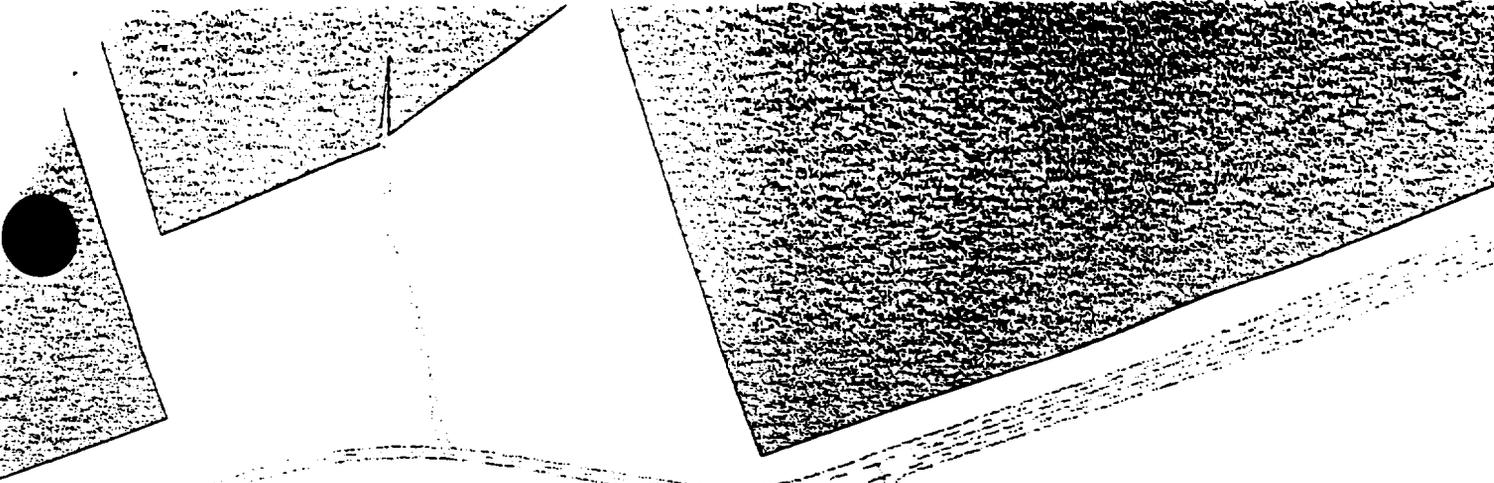
For Ground Electronics contact **NASP (452-2848)** or **Sherman Field (452-3460)**. *NA*

EXCAVATION PERMIT APPROVAL

Signature: *Daniel E Bowen*

Date: **1/26/98**

NOTE: This permit is void if survey markings are removed/relocated prior to excavating.



TAYLOR Rd

Site 7

3528

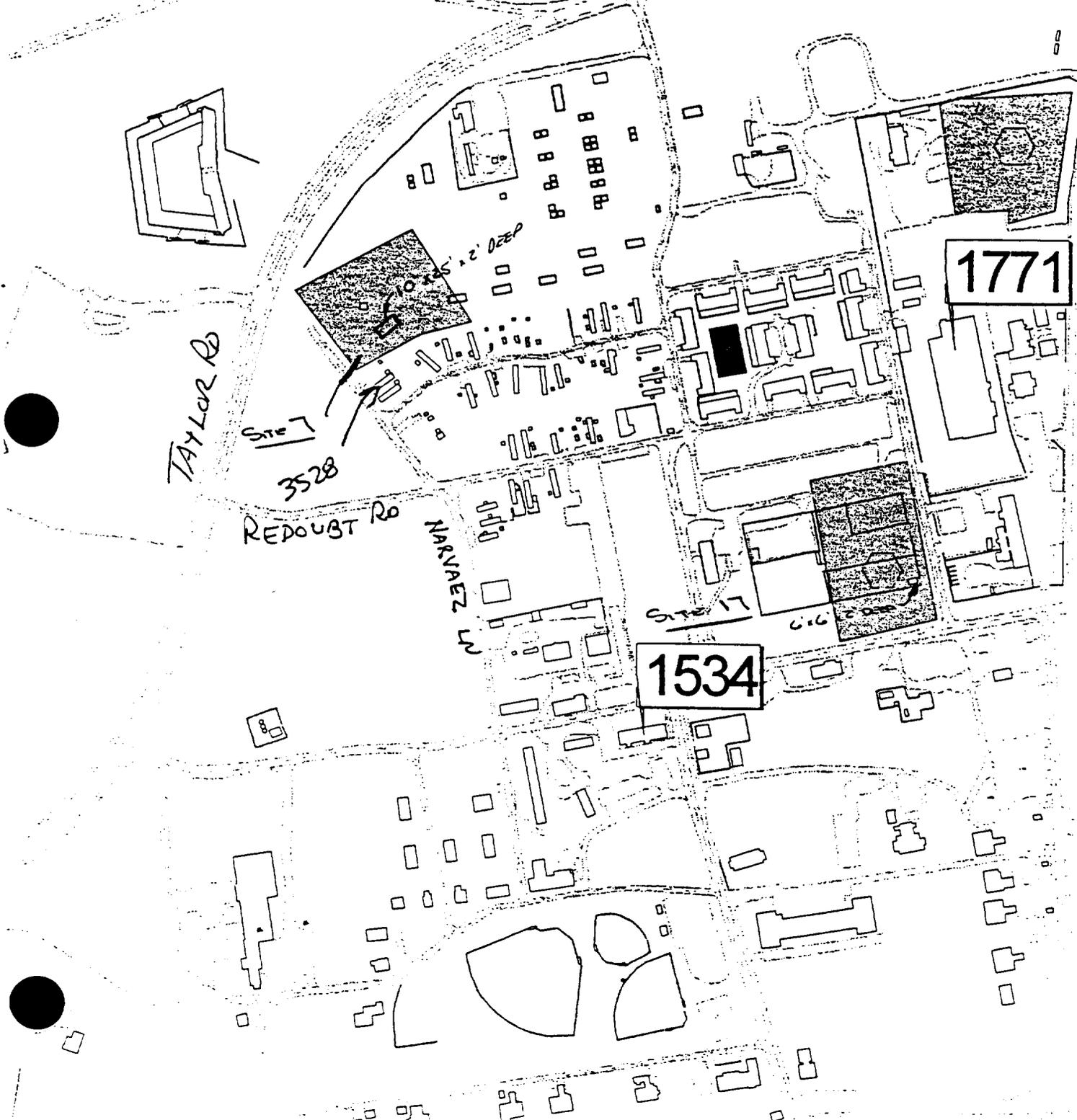
REDOUBT Rd

NARVAEZ Ln

Site 17

1534

1771



An excavation permit must be obtained prior to any excavation aboard the Naval Air Station. The permit must be displayed on the job site or work will be stopped. To obtain a permit, please fill out blocks 1-4 below and submit this form and two sets of plans/drawings (when applicable) to the Naval Air Station Facilities Management Department, Building 1754, Phone 452-4515.

Permit No. 31 Date 12/11/97

4

1. PROJECT TITLE

Title: **Soil Removal - Site 17**

2. PROJECT LOCATION

Street Address: **441 Hovey Rd**
 Nearest Intersecting Street: **Brown Rd**
 Nearest Bldg: **1538**

Proposed Start Date: _____ Duration: **5 days**

Machinery: **Backhoe**

Depth: **2 ft** Width: **6 ft** Length: **6 ft**

JON: **1604020** ESR: _____

3. REQUESTOR INFORMATION

Name: **Joyner**
 Command/Company: _____
 E-mail Address: _____
 Phone: **3900** FAX: _____

Contact Cultural Resource Manager at **NAS** (4524515 ext. 322) or **PWC** (452-3643).

COMMENTS:

NOTE: Archaeological clearance may take 60 days pending extent of new **construction**, due to **Dept. of Navy, Federal and State** Reaulations.

NASP Environmental Review

Contact **Installation Restoration and Natural Resources** at **NAS** (452-3900).

COMMENTS:

PWC Utility Clearance

Contact **PWC Planning** (452-3643). For emergency * Contact **Survey Branch** (452-4315).

Refreshed marks 1/21/98

CAUTION.

NASP/PWC Safety Review

Contact **NAS** (452-2125) and **PWC** (452-3495).

COMMENTS:

NCTS - Fiber Optic Cable and NAVY Telephone Clearance

Contact **NCTS** (452-3501 ext. 459 or 575).

COMMENTS:

Commercial and Other Utilities Clearance

Contact the following to clear utility location.

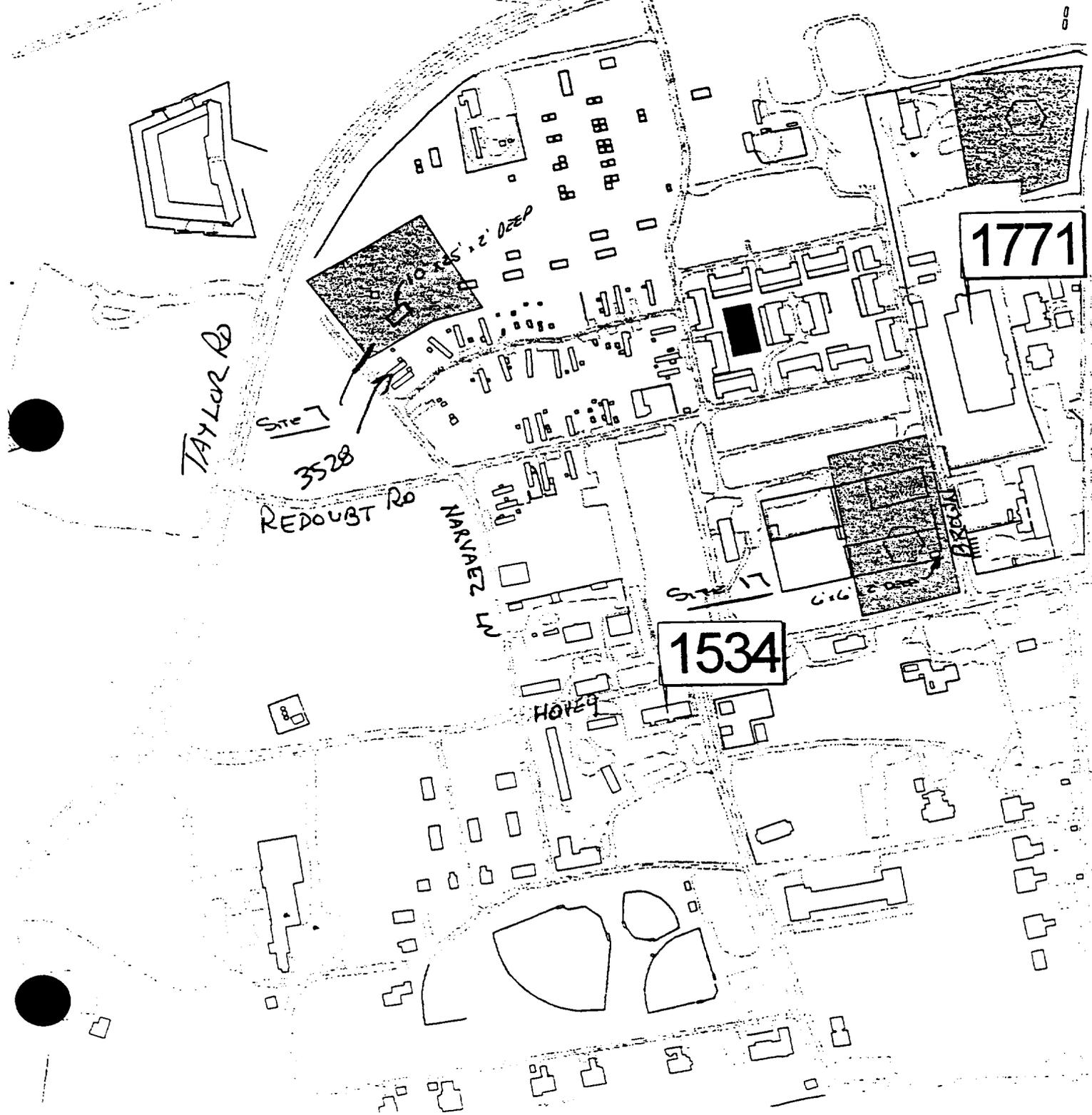
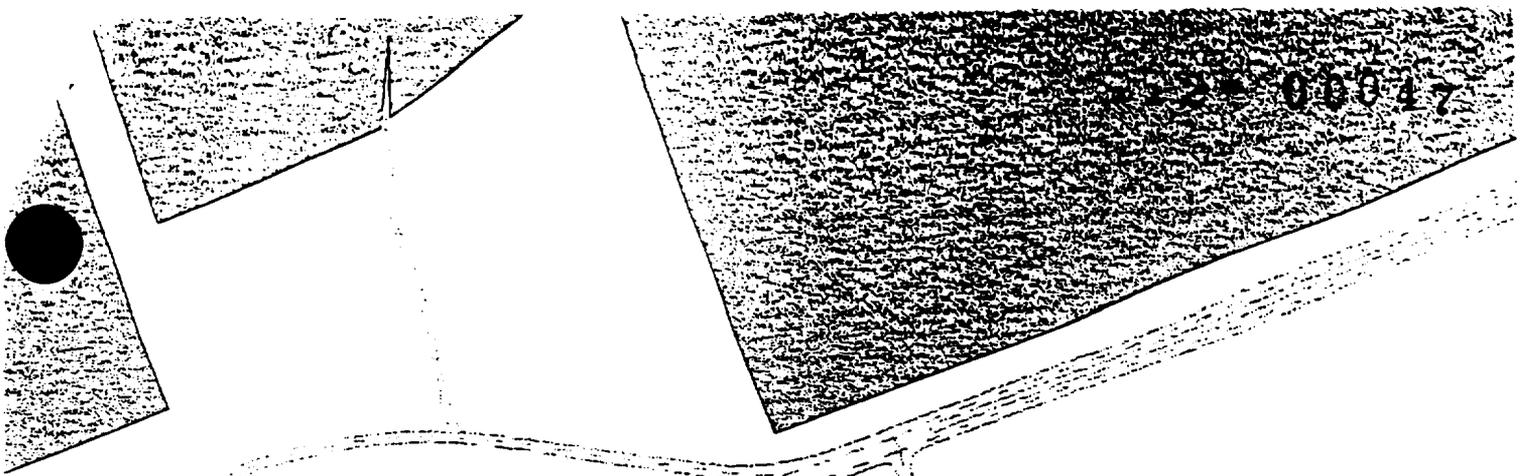
For **South and Gulf Power** contact **Sunshine** at 800-432-4770. *20 days (with 3/25 update by 3/23/98) #158304*

For **Cable TV** contact **Cablevision** at 800-239-4776. #625) _____

For **Ground Electronics** contact **NASP** (452-2848) or **Sherman Field** (452-3460).

2

NOTE: This permit is void if survey markings are removed/relocated prior to excavating.



TAYLOR RD

REDOUBT RD

MARVAZ ST

HOTEL

Site 7

3528

Site 17

1534

1771

CIG

REDOUBT

HAZARDOUS OPERATION PERMIT

FROM **FIRE DEPARTMENT**

TO **BETHHEL THOMPSON DEPARTMENT**

TYPE OF OPERATION	
WELDING	OPEN FIRES
CUTTING <i>w/saw</i>	HOT TAPPING
BRAZING	SOLDERING
FLAMMABLE LIQUID TRANSFER	TAR KETTLE

DATE: **3-18-95** START TIME: **1520** EXPECTED COMPLETION TIME: **1800**

LOCATION OF WORK (Area and building number):
BLDG 780 EAST OUTSIDE
CUTTING OLD STEEL MAT.
WITH SAW

OPERATION IS: **APPROVED** **DISAPPROVED (Give reason)**

REQUIREMENTS	
<input checked="" type="checkbox"/> FIRE EXTINGUISHERS AS FOLLOWS	AREA WET DOWN
WATER TYPE	FIBERGLASS FIRE BLANKET
CO2 BOTTLE	<input checked="" type="checkbox"/> REPORT ANY FIRE USING BLDG. FIRE ALARM OR DIAL 452-3333
DRY CHEMICAL	

REMARKS: (Special instructions issued, to whom, etc.)

BUILDING WELDING FIRE SAFETY CHECK LIST

AIRCRAFT WELDING FIRE SAFETY CHECK LIST

ATTENTION
 BEFORE APPROVING ANY CUTTING AND WELDING PERMIT, THE FIRE SAFETY SUPERVISOR OR HIS APPOINTEE SHALL INSPECT THE WORK AREA AND CONFIRM THAT PRECAUTIONS HAVE BEEN TAKEN.

ATTENTION
SAFEGUARDING FUEL SYSTEMS

PRECAUTIONS

- FUEL SYSTEM CLOSED ON AIRCRAFT BEING WELDED
- PORTIONS OF FUEL SYSTEM ON ADJACENT AIRCRAFT WITHIN 100' FROM WELDING POINT CLOSED
- FUEL TANK ACCESS PLATES IN PLACE
- FUEL TANK FILL AND VENT OPENINGS CLOSED OR COVERED
- FUELLINES, VALVES, MANIFOLDS IN PLACE, SECURED/CAPPED
- STREAMERS ATTACHED TO COVERED FUEL VENTS
- PRESSURE REMOVED FROM FUEL SYSTEM
- CHECK AREA INCLUDING HANGAR FLOOR DRAINS WITH COMBUSTIBLE GAS ANALYZER

- SPRINKLERS IN SERVICE
- WITHIN 35 FEET OF WORK**
- COMBUSTIBLE FLOORS WETDOWN, COVERED WITH DAMP SAND, METAL OR OTHER SHIELDS
- NO COMBUSTIBLE MATERIAL OR FLAMMABLE LIQUIDS
- COMBUSTIBLES PROTECTED WITH COVERS, GUARDS OR METAL SHIELDS
- ALL WALL AND FLOOR OPENINGS COVERED
- COVERS SUSPENDED BENEATH WORK TO COLLECT SPARKS

SAFEGUARDING OTHER WORK

WORK ON ENCLOSED EQUIPMENT/SYSTEMS
 Tanks, containers, ducts, dust collectors, etc.)

- ALL OTHER WORK SUSPENDED WITHIN 20' OF WELDING POINT
- AREA PLACARDED: WELDING OPERATIONS IN PROGRESS
- WELDING SCREENS IN POSITION
- ADJACENT WORKERS NOTIFIED PRIOR TO START OF OPERATIONS

- EQUIPMENT CLEANED OF ALL COMBUSTIBLES
- CONTAINERS, TANKS, PIPING AND EQUIPMENT PURGED OF EXPLOSIVE ATMOSPHERES

HOUSEKEEPING

WORK ON WALLS OR CEILINGS

- CLEAN AREA WHERE WELDS WILL BE MADE
- COMBUSTIBLE MATERIAL REMOVED IN SURROUNDING AREA
- FLOOR CLEAR OF ANY OIL OR FUEL SPILLS
- FLOOR DRAINS CHECKED IN AREA FOR OIL CONTAMINATION

- CONSTRUCTION NONCOMBUSTIBLE & WITHOUT COMBUSTIBLE COVERING
- COMBUSTIBLES MOVED AWAY FROM OPPOSITE SIDE OF WALL

FIRE WATCH

WELDING EQUIPMENT

- TO BE PROVIDED DURING AND UNTIL 30 MINUTES AFTER OPERATION
- SUPPLIED WITH EXTINGUISHER OR WATER HOSE
- TRAINED IN USE OF EQUIPMENT AND IN SOUNDING OF THE FIRE ALARM

- GENERATORS 5' CLEAR OF AIRCRAFT ENGINE, FUEL TANKS
- ELECTRICAL EQUIPMENT 18" (MINIMUM) OFF FLOOR
- GROUND LEADS CLAMPED TO GROUNDING PLUG
- GAS CYLINDER SECURELY FASTENED TO PREVENT TIPPING
- REGULATORS, GAGES WORKING PROPERLY

NOTE: NO HOT WORK OR OPEN FUMES IS AUTHORIZED WITHIN 50 FEET OF STORED FLAMMABLE LIQUIDS, CHANGE OF CONDITIONS OR DEVIATION OF INSTRUCTIONS WILL VOID THIS PERMIT.

MOBILITY OF AIRCRAFT

ALL FIRES MUST BE REPORTED TO NAS FIRE DEPARTMENT!!

- AIRCRAFT PARKING BRAKES OFF AND WHEELS CHOCKED
- TUG AVAILABLE - TOW BAR ATTACHED
- HANGAR DOORS OPEN
- CLEAR PATH TO PERMIT TOWING AIRCRAFT OUTSIDE
- QUALIFIED TOW OPERATOR AVAILABLE AND ALERTED

TO (Operator)

SIGNATURE (Supervisor/Officer-in-Charge)

SIGNATURE (GFE/GFET) *AS ASSIGNED*

SIGNATURE *[Signature]*
 FIRE WATCH (Name/Grade)

SIGNATURE (Inspector)

AS ASSIGNED
 TIME PERMIT GRANTED

HAZARDOUS OPERATION PERMIT

FROM FIRE DEPARTMENT TO **BEIHEL THOMPSON** DEPARTMENT

TYPE OF OPERATION DATE 3-19-98 START TIME 1310 EXPECTED COMPLETION TIME 1600

<input checked="" type="checkbox"/> WELDING	<input type="checkbox"/> OPEN FIRES	LOCATION OF WORK (Area and building number) BLDG 780 EAST OUTSIDE ON STEEL MAT.
<input type="checkbox"/> CUTTING	<input type="checkbox"/> HOT TAPPING	
<input type="checkbox"/> BRAZING	<input type="checkbox"/> SOLDERING	
<input type="checkbox"/> FLAMMABLE LIQUID TRANSFER	<input type="checkbox"/> TAR KETTLE	

OPERATION IS: APPROVED DISAPPROVED (Give reason)

REQUIREMENTS		REMARKS: (Special instructions issued, to whom, etc.)
<input checked="" type="checkbox"/> FIRE EXTINGUISHERS AS FOLLOWS	<input type="checkbox"/> AREA WET DOWN	
<input type="checkbox"/> WATER TYPE	<input type="checkbox"/> FIBERGLASS FIRE BLANKET	
<input type="checkbox"/> CO2 BOTTLE	<input checked="" type="checkbox"/> REPORT ANY FIRE USING BLDG. FIRE ALARM OR DIAL 452-3333	
<input checked="" type="checkbox"/> DRY CHEMICAL		

BUILDING WELDING FIRE SAFETY CHECK LIST **AIRCRAFT WELDING FIRE SAFETY CHECK LIST**

ATTENTION
BEFORE APPROVING ANY CUTTING AND WELDING PERMIT, THE FIRE SAFETY SUPERVISOR OR HIS APPOINTEE SHALL INSPECT THE WORK AREA AND CONFIRM THAT PRECAUTIONS HAVE BEEN TAKEN.

PRECAUTIONS

SPRINKLERS IN SERVICE

WITHIN 35 FEET OF WORK

- COMBUSTIBLE FLOORS WET DOWN, COVERED WITH DAMP SAND, METAL OR OTHER SHIELDS
- NO COMBUSTIBLE MATERIAL OR FLAMMABLE LIQUIDS
- COMBUSTIBLES PROTECTED WITH COVERS, WARDS OR METAL SHIELDS
- ALL WALL AND FLOOR OPENINGS COVERED
- COVERS SUSPENDED BENEATH WORK III. COLLECT SPARKS

WORK ON ENCLOSED EQUIPMENT/SYSTEMS
Tanks, containers, ducts, dust collectors, etc.)

- EQUIPMENT CLEANED OF ALL COMBUSTIBLES
- CONTAINERS, TANKS, PIPING AND EQUIPMENT PURGED OF EXPLOSIVE ATUOSPHERES

WORK ON WALLS OR CEILINGS

- CONSTRUCTION NONCOMBUSTIBLE & WITHOUT COMBUSTIBLE COVERING
- FROM OPPOSITE SIDE OF WALL

FIRE WATCH

- TO BE PROVIDED DURING AND UNTIL 30 MINUTES AFTER OPERATION
- SUPPLIED WITH EXTINGUISHER OR WATER HOSE
- TRAINED IN USE OF EQUIPMENT AND IN SOUNDING OF THE FIRE ALARM

NOTE: NO-HOT WORK OR OPEN FUMES IS AUTHORIZED WITHIN 50 FEET OF STORED FLAMMABLE LIQUIDS, CHANGE OF CONDITIONS OR DEVIATION OF INSTRUCTIONS WILL VOID THIS PERMIT.

ALL FIRES MUST BE REPORTED TO NAS FIREDEPARTMENT!!

ATTENTION
SAFEGUARDING FUEL SYSTEMS

- FUEL SYSTEM CLOSED ON AIRCRAFT BEING WELDED
- PORTIONS OF FUEL SYSTEM ON ADJACENT AIRCRAFT WITHIN 100' FROM WELDING POINT CLOSED
- FUEL TANK ACCESS PLATES IN PLACE
- FUEL TANK FILL AND VENT OPENINGS CLOSED OR COVERED
- FUEL LINES, VALVES, MANIFOLDS IN PLACE, SECURED/CAPPED
- STREAMERS ATTACHED TO COVERED FUEL VENTS

- PRESSURE REMOVED FROM FUEL SYSTEM
- CHECK AREA INCLUDING HANGAR FLOOR DRAINS WITH COMBUSTIBLE GAS ANALYZER

SAFEGUARDING OTHER WORK

- ALL OTHER WORK SUSPENDED WITHIN 30' OF WELDING POINT
- AREA PLACARDED: WELDING OPERATIONS IN PROGRESS
- WELDING SCREENS IN POSITION
- ADJACENT WORKERS NOTIFIED PRIOR TO START OF OPERATIONS

HOUSEKEEPING

- CLEAN AREA WHERE WELD IS TO BE MADE
- FLOOR CLEAR OF ANY OIL OR FUEL SPILLS
- FLOOR DRAINS CHECKED IN AREA FOR OIL CONTAMINATION

WELDING EQUIPMENT

- GENERATORS CLEAR OF AIRCRAFT ENGINE, FUEL TANKS
- ELECTRICAL EQUIPMENT 18" (MINIMUM) OFF FLOOR
- GROUND LEADS CLAMPED III. GROUNDING PLUG
- GAS CYLINDER SECURELY FASTENED TO PREVENT TIPPING
- REGULATORS, GAGES WORKING PROPERLY

MOBILITY OF AIRCRAFT

- AIRCRAFT PARKING BRAKES OFF AND WHEELS CHOCKED
- TUG AVAILABLE - TOW BAR ATTACHED
- HANGAR DOORS WEN
- CLEAR PATH III. PERMIT TOWING AIRCRAFT OUTSIDE
- QUALIFIED TOW OPERATOR AVAILABLE AND ALERTED

TO (Operator) **AS ASSIGNED**
SIGNATURE (GFE/GFET)

SIGNATURE (Supervisor/Officer-in-Charge) **N. K. Thompson 3-19-98**
FIRE WATCH (Name/Grade) **AS ASSIGNED**

SIGNATURE (Inspector) **[Signature]**
I. CAETLUS

TIME PERMIT GRANTED **1310**

APPENDIX B
KEY SUBCONTRACTORS

<u>Subcontractor</u>	<u>Scope</u>	<u>Prime or Lower Tier</u>
American Environmental Services 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101 (412) 486-1007	Hazardous waste transportation	Prime
General Engineering Laboratories 2040 Savage Road Charleston, SC 294 4	Testing of confirmation soil samples	Prime
LWD, Inc. 1637 Shar Cal Road Calvert City, KY 32029 (502) 395-8313	Receive and dispose of hazardous contaminated soil from Site 9A	Lower-tier
McDirt Industries 5570 Bellview Avenue Pensacola, FL 32526 (904) 944-0112	Provide clean backfill material	Lower-tier
Robbie D. Wood P.O. Box 125 Dolomite, AL 35061 (205) 744-8440	Transportation of hazardous waste	Lower-tier
Springhill Regional Landfill 4945 Highway 273 Graceville, FL 32703 (904) 263-7100	Receive and dispose of non-hazardous contaminated soil from Sites 1,7, 10, 17, 18, and 25	Lower-tier
Waste Management Inc. - Florida Industrial Waste Service Center 3000 NW 48 th Street Pompano Beach, FL 33373	Transportation of non-hazardous waste	Lower-tier

APPENDIX C

ACTION MEMORANDUM: DELIVERY ORDER 0071

ACTION MEMORANDUM

DATE: January 1998

SUBJECT: Time-Critical Removal Action for Various Sites at NAS Pensacola

PREPARED BY: Bechtel Environmental, Inc. (**BEI**)
for the
Department of the Navy, Southern Division

TO: Administrative Record File

I. PURPOSE

The purpose of this Action Memo is to document the proposed time-critical removal action described below for Various Sites at NAS Pensacola, Florida. **This** removal action will be performed **as a** time-critical removal action pursuant to the National Contingency Plan (**NCP**) (see **40 CFR 300.415**). **This** Action Memorandum **was** prepared in accordance with requirements described in the *Superfund Removal Procedures Action Memorandum Guidance* (EPA 1990). The Navy is conducting this removal in accordance with Section **104** of CERCLA and the NCP provisions, and within the framework of the Federal Facilities Agreement (FFA) for NAS Pensacola. The Southern Division Remedial Project Manager or designee will serve **as** the on-scene coordinator for this action.

40 CFR 300.415 of the NCP states that a removal action may be implemented at a site where a potential threat to human health or the environment **has** been identified. Where appropriate, removal actions are undertaken to abate, minimize, stabilize, mitigate, or eliminate the contaminant release at **a** site. This removal action is being executed at the Pensacola Various Sites in response to an **endangerment** to public health or welfare of the environment caused by actual release of hazardous substances, pollutants, and/or contaminants.

This Action Memorandum is required to be added to the CERCLA administrative record file for NAS Pensacola within 60 days after field mobilization to the site.

II. SITE CONDITIONS AND BACKGROUND

A. Site Description

The following sites are to be excavated because analytical samples indicate contamination exceeding preliminary remediation goals (PRGs). Preliminary remediation goals established for this removal action are based on the guidance from the January 19, 1996 FDEP Memorandum titled "Applicability of Soils Cleanup Goals for Florida" **This** guidance is **an** update of the *Selected Soil Cleanup Goals* published on September 27, 1995. The residential cleanup values have been selected **as** PRGs for this action. With the exception of sites 1 and 25, it is anticipated that these sites may be designated for No Further Action (**NFA**) under CERCLA if these PRGs are achieved.

For each of the sites below, the maximum concentration of the contaminant of concern is listed, as well as the PRG established for the site.

Site 1: Removal of a tar pit which is considered a physical hazard. There is no PRG established for this site. The goal **will** be to remove the physical hazard in the field; no target compound or contaminant of concern has been identified.

Site 7: Removal of surface soil which has an exceedence of arsenic. Detected maximum concentration of arsenic was 4.2 mg/kg.

The PRG for arsenic is 1.56 mg/kg (background).

Site 9A, New Yard Disposal Area: Removal of surface soil which exceeds PRGs for lead. Detected maximum lead concentration was 2,700 mg/kg. Other chemicals of concern may be present.

The PRG for lead is 500 mg/kg. A TCLP test was run because of the high concentration of lead at Site 9A. At least one sample exceeded the TCLP regulatory threshold for hazardous waste of 5.0 mg/L. Therefore, the volume of soil which exhibits the toxicity characteristic for lead is classified as hazardous waste and must be managed, treated, and disposed at a RCRA subtitle C facility.

Site 10, Commodore's Pond: Removal of surface soil which exceeds PRGs established for Dieldrin. Maximum detected concentration was 0.710 mg/kg.

The PRG for Dieldrin is 0.07 mg/kg (70.0 ppb).

Site 17, Transformer Storage Yard: Transformer storage yard—an asphalt-paved yard that held 200-300 transformers, some of which were **known** to contain PCBs. No **known leaks**, but areas of stained asphalt identified. Action is to remove surface soil which exceeds PRGs for Aroclor 1260 (PCB). Maximum detected concentration of Aroclor 1260 was 4.2 mg/kg. PCBs at 4.2 ppm are not classified as either a TSCA waste or RCRA hazardous waste in the State of Florida unless the PCBs came to be present as the result of a spill of PCB materials after May 1987 or from a documented source of PCBs at concentrations greater than 50 mg/kg. Other chemicals of concern may be present.

The PRG for PCBs is 0.9 mg/kg.

Site 18, PCB Spill at Substation A: Substation A is an elevated concrete electrical transformer base bordering the site. Removal of surface soil which exceeds PRGs established for Aroclor 1260 (PCB). Maximum detected concentration was 4.1 mg/kg. PCBs at 4.1 ppm are not classified as either a TSCA waste or RCRA hazardous waste in the State of Florida unless the PCBs came to be present as the result of a spill of PCB materials after May 1987 or from a documented source of PCBs at concentrations greater than 50 mg/kg. Other chemicals of concern may be present.

The PRG for PCBs is 0.9 mg/kg.

Site 25, PCB Contamination at Building 780 Spill Area: Removal of surface soil which exceeds PRGs established for Aroclor 1260 (PCB). Maximum detected concentration was 3.1 mg/kg. PCBs at 3.1 ppm are not classified as either a TSCA waste or RCRA hazardous waste in the State of Florida unless the PCBs came to be present as the result of a spill of PCB materials after May 1987 or from a documented source of PCBs at concentrations greater than 50 mg/kg. Other chemicals of concern may be present.

The PRG for PCBs is 0.9 mg/kg.

B. Other Actions to Date

The Remedial Investigation (RI) phase of the CERCLA process has been completed for most of the sites to be addressed in this removal action. A brief history of the sites and the regulatory background is discussed below.

Site 1, Sanitary Landfill

TCLP samples were taken on the tar substance in 1993 and analytical results indicate that no hazardous waste is present. Therefore, the material may be excavated to remove the physical hazard and shipped to a Subtitle D landfill for disposal.

Site 7, Arsenic-Contaminated Soil

A final preliminary site characterization report was published for Site 7 in December 1997. Current plans are to remove this limited area of contamination and proceed to No Further Action.

Site 9A, Navy Yard Disposal Area

The RI was published for Site 9 on March 29, 1996. Based on historical knowledge, the site was used for the disposal of trash and refuse. Part of Site 9 was excavated in the late 1960s, during trenching for a sewer line, and scrap metal and debris were unearthed.

Site 10, Commodore's Pond

A Final Preliminary Site Characterization Report was published for Site 10, Commodore's Pond, in November 17, 1995. The investigation identified metals, TRPH, PAHs, and phenols in soil samples.

Site 17, Transformer Storage Yard

The RI was published for the Site 17 Transformer Storage Yard on July 31, 1996. The RI provides the basis for a Feasibility Study (FS) and ultimately a Record of Decision (ROD). Current plans are to remove this limited area of contamination and proceed to a No Further Action ROD.

Site 18, PCB Spill at Substation A

A Preliminary Site Characterization Report was published for Site 18 on December 18, 1996. Substation A is an elevated concrete electrical transformer base bordering the site. An investigation was conducted to assess the presence of PCB contaminants resulting from the late 1960s spill of approximately 50 gallons of PCB-laden transformer fluid at the site.

Site 25, PCB Contamination at Building 780 Spill Area

A draft Remedial Investigation for Operable Unit 2 (OU2) which includes Site 25, Radium Spill Area, published July 26, 1996. Site 25 is a concrete paved area 50 ft by 50 ft adjacent to the radium

decontamination building (Building 780); however, no radium has been found in this area. Limited metals and volatiles were detected in soil and groundwater, and a feasibility study has been recommended. This action is to remove a PCB source. This site will undergo a subsequent FS and ultimately have a ROD.

C. State and Local Authorities Role

The site is on the CERCLA National Priorities List. The Navy is the lead agency for CERCLA cleanups. EPA Region IV is the primary oversight agency, and the State of Florida reviews actions in an advisory capacity. EPA Region IV has concurred in the time-critical removal determination, and the State of Florida has reviewed the scope of the proposed action.

Although CERCLA sets forth the legal responsibilities of each of these agencies, a Partnering approach to decision-making at these sites has been implemented. The Navy (Southern Division and Base Environmental staff), EPA, FDEP, the CLEAN contractor, and the Response Action Contractor (RAC) contractor are members of the "Partnering" team. The Partnering team charter is to foster cooperation aimed at "better, cheaper, faster" cleanup of military installations. By allowing these teams to operate in an empowered manner, many planning, analysis, and decision-making processes have been streamlined, while some have been eliminated altogether.

III. THREATS TO PUBLIC HEALTH, WELFARE, OR THE ENVIRONMENT

There is potential for contaminant migration to uncontaminated areas should these sites remain unabated. Future land uses for some sites may include residential use. The base is being remediated to protect human health and the environment.

The substances of concern are lead, Dieldrin, and PCBs that exceed promulgated state and federal action levels and residential cleanup goals for the State of Florida.

IV. ENDANGERMENT DETERMINATION

Actual releases of hazardous substances from this site, if not addressed by implementing the response action selected in this Action Memorandum, may present an imminent and substantial endangerment to public health, welfare, or the environment.

V. PROPOSED ACTIONS AND ESTIMATED COSTS

A. Proposed Actions

The Time-Critical Removal Action objective for Various Sites is contaminant source removal to prevent further migration of waste into other media. To accomplish this objective, the scope of work will consist of the following elements:

- excavation of contaminated soils;
- transportation of waste to RCRA Subtitle C and Subtitle D landfills, as required;

- backfill with clean fill; and
- stabilize with topsoil and sod, where appropriate.

The Interim Remediation Goals will be to remove lead, Dieldrin, and PCBs. Horizontal limits of excavation will be determined in the field. Vertical excavation (2 A. maximum) will be to contaminant concentrations established based on Florida Residential Soil Cleanup Goals as referenced above.

The proposed action will contribute to the efficient performance of long-term remedial actions with respect to the release. Future plans for these sites include completing the CERCLA cleanup process with the issuance of a No Further Action ROD, with the exception of sites 1 and 25.

Alternative technologies have been considered. Thermal treatment of the wastes could be performed, but would be ineffective on the metals contamination and may be legally prohibited for PCBs. In addition, the thermal treatment unit would be difficult to operate and not cost effective given the need to mobilize to very small sites. Biotreatment of pesticide wastes is an emerging technology option; however, it is not an appropriate technology for treating metals. For the extremely small quantities of waste expected to be generated, and given the very low concentrations of contaminants detected to date, no other cost-effective technology is available.

ARARs. Applicable or relevant and appropriate requirements (ARARs) must be met in removal actions to the extent practicable. Hazardous waste has been identified at one of these sites (TCLP exceedance for Lead). Soil exhibiting the toxicity characteristic will be containerized, managed as hazardous, and shipped to a RCRA Subtitle C landfill for treatment and disposal. PCBs are present at several of the sites; however, they predated the TSCA Spill Cleanup Policy (May 4, 1987) and are not subject to TSCA jurisdiction. In addition to RCRA, all major federal and state environmental laws have been reviewed and ARARs incorporated into the work plan, which will be approved by FDEP and EPA Region IV.

B. Estimated Costs

The cost of the removal action is estimated to be \$423,000. Approximately 200 tons of soil will be excavated and transported for solid waste disposal at a RCRA Subtitle C & D facilities. Both non-hazardous wastes and limited quantities of hazardous waste are expected to be generated.

C. Schedule

It is estimated the removal action will take 7 weeks to complete this activity in the field.

VI. EXPECTED CHANGE IN THE SITUATION SHOULD ACTION BE DELAYED OR NOT TAKEN

Contamination has the potential to spread, on the surface and in groundwater, especially in a severe weather event such as a hurricane. Although the sites are fenced, and within the boundaries of NAS Pensacola, the sites are not secure from intrusion.

VII. OUTSTANDING POLICY ISSUES

There are no outstanding policy issues at this site. Complete funding for this removal is approved and provided by Southern Division Naval Command.

VIII. RECOMMENDATION

This decision document represents the selected removal action for the site, at NAS Pensacola, Florida, developed in accordance with CERCLA as amended, and not inconsistent with the NCP. This decision is based on the administrative record for the site.

Conditions at the site meet the NCP Section 300.415(b)(2) criteria for a removal action.

cc: Bill Hill, **SDN**

Bill Gates, SDIV

Ron Joyner, NAS Pensacola

Karen S. Atchley, Bechtel

John Mitchell, FDEP

Gena Townsend, EPA Region IV

Allison Dennen, EnSafe

APPENDIX D

**CONFIRMATION SAMPLING - LABORATORY ANALYTICAL RESULTS
FOR VARIOUS SITES**

**Confirmation Soil Sample Data
for Site 7**

Note: Sample locations are denoted with N,S,E,W and B to indicate locations of side wall and bottom of excavation sampling locations.

CHAIN OF CUSTODY RECORD



Facility Name: NAS Pensacola
 Site Name: Sites 7, 10, 17 and 18
 Delivery Order No.: 0811
 Cooler/Crate No.: N/A
 Sampling Event: Various Sites - Confirmation

SEIR No.: PE 014
 COC Number: TE 016
 Lab: General Engineering Laboratories
 Field Logbook No.: PE-DA-004
 Logbook Pg. No.: 34-55

Sampled by: Nick C. Ring Print Nick C. Ring Sign

Legend	SAMPLE TYPE	MATRIX	QC LEVELS
PSB Preservative Blank	BLS Blind Spike	AIR Air	C Sample results and QC reported
FDP Field Duplicate	BLB Blank Blank	FLO Flora	D Sample results, QC and raw data reported
ENV Environmental	PTS Point Source	FAU Fauna	E Sample results, blanks, and calibration reported
FDB Field Blank	FRP Field Replicate	GWT Groundwater	S Screening level analysis; sample results and as reported
GEO Geotechnical Sample	RSB Rinse Blank	LCH Leachate	
MXD Matrix Spike Duplicate	SPL Split	OIL Oil	
MXS Matrix Spike	TPB Trip Blank	DIW Deionized Water	
		DFW Deionized Organic Free Water	
		SBS Subsurface Soil (>6")	
		SED Sediment	
		SFS Surface Soil (0-6")	
		SPW Surface Water	
		SLG Sludge	
		SLW Solid Waste	
		PTW Potable Water	
		SEP Seeps	
		SOL Solid	
		WWT Waste Water	
		SST Surface Water	
		OFW Organic Free Water	
		Storm Event	

9803326

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Code
10-B	PE18309	ENV	SBS	3/10/98 1142	PE1830901	None; Cool 4°C	8.38	Dieldrin	14 day	C
10-N	PE18310	↓	↓	↓ 1130	PE1831001	↓	↓	↓	↓	↓
10-W	PE18311	↓	↓	↓ 1134	PE1831101	↓	↓	↓	↓	↓
10-S	PE18312	↓	↓	↓ 1137	PE1831201	↓	↓	↓	↓	↓
10-E	PE18313	↓	↓	↓ 1138	PE1831301	↓	↓	↓	↓	↓
18-N	PE18314	↓	↓	↓ 1425	PE1831401	↓	8.45	Aroclor 1260	14 day	↓

RELINQUISHED BY	RECEIVED BY	DATE	TIME	REASON FOR TRANSFER	COMMENTS/INSTRUCTIONS
<u>Nick C. Ring</u>	<u>Fed Ex</u>	<u>3/12/98</u>	<u>1600</u>	<u>Ship to lab for analysis</u>	

CONTAMINATION	YES	NO
Radiological		X
Chemical	X	

Shipper: Bechtel Environmental, Inc., 40 Hampton Inn, 2 Via De Luna, Pensacola, FL 32561
 Ship to: General Engineering Laboratories, 2040 Savage Rd., Charleston, SC 29417

Fed Ex
 Airbill No. 4771736384 Traffic Report No. N/A

This package conforms to the conditions and limitations specified in 49 CFR 173.421 for excepted radioactive material, limited quantity, n.o.s. UN2910

22567-412-SC-0001-273-(1)-1

CHAIN OF CUSTODY RECORD (Continued)

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Level
18-W	PE18315	ENV	SBS	3/1/93 1428	PE18315φ1	None, Cool 4°C.	8.45	Arden: 1260	14 day	C
18-S	PE18316	↓	↓	↓	PE18316φ1	↓	↓	↓	↓	↓
18-E	PE18317	↓	↓	↓	PE18317φ1	↓	↓	↓	↓	↓
18-B	PE18318	↓	↓	↓	PE18318φ1	↓	↓	↓	↓	↓
17-N	PE18319	↓	↓	↓	PE18319φ1	↓	↓	↓	↓	↓
17-W	PE18320	↓	↓	↓	PE18320φ1	↓	↓	↓	↓	↓
17-S	PE18321	↓	↓	↓	PE18321φ1	↓	↓	↓	↓	↓
17-E	PE18322	↓	↓	↓	PE18322φ1	↓	↓	↓	↓	↓
17-B	PE18323	↓	↓	↓	PE18323φ1	↓	↓	↓	↓	↓
7-N	PE18324	↓	↓	3/1/93 1526	PE18324φ1	↓	9.31	Arsenic	4 day	↓
7-W	PE18325	↓	↓	↓	PE18325φ1	↓	↓	↓	↓	↓
7-S	PE18326	↓	↓	↓	PE18326φ1	↓	↓	↓	↓	↓
7-E	PE18327	↓	↓	↓	PE18327φ1	↓	↓	↓	↓	↓
7-B	PE18328	↓	↓	↓	PE18328φ1	↓	↓	↓	↓	↓
				<i>Note a Ring 3/12/93</i>						

22567-412-SC-0001-273-(1)-1

INORGANIC ANALYSES DATA SHEET

PE18327 SBS

Lab Name: GENERAL-ENGINEERING-LABS- Contract: BECH00294_
Lab Code: Case No.: SAS No.: SDG No.,: 83320S
Matrix (soil/water): SOIL= Lab Sample ID: 9803320-10
Level (low/med): LOW Date Received: 03/13/98
% Solids; -93.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Table with 6 columns: CAS No., Analyte, Concentration, C, Q, M. Row 1: 7440-38-2, Arsenic, 1.2, P

Wet 5/14/98

Color Before: Clarity Before: Texture:
Color After: Clarity After: Artifacts:

Comments :

**Confirmation Soil Sample Data
for Site 9A**

RECORD



Facility Name: <u>NAAS Pensacola</u>	SEIR No.: <u>PE 014</u>
Site Name: <u>Area 9A</u>	COC Number: <u>PE 013</u>
Delivery Order No.: <u>0071</u>	Lab: <u>General Engineering Laboratories</u>
Cooler/Crate No.:	Field Logbook No.: <u>PE-DA-004</u>
Sampling Event: <u>Various Sites - Confirmation</u>	Logbook Pg. No.: <u>8-19</u>

Sampled by: Nicholas C. Ring Nicholas C. Ring

Print Sign Print Sign

LEGEND		SAMPLE TYPE		MATRIX				QC LEVELS			
PSB Preservative Blank	BLS Blind Spike	AIR Air	SBS Subsurface Soil (>6")	PBS Post Burn Soil	SEP Seeps	C Sample results and OC reported	D Sample results, OC and raw data reported	E Sample results, blanks, and calibration reported	S Screening level analysts; sample results and as reported		
FDP Field Duplicate	BLB Blank Blank	FLO Flora	SED Sediment	PTW Potable Water	SOL Solid						
ENV Environmental	PTS Point Source	FAU Fauna	SFS Surface Soil (0-6")	SEP Seeps	WWT Waste Water						
FDB Field Blank	FRP Field Replicate	GWT Groundwater	SPW Surface Water	SOL Solid	SST Surface Water						
GEO Geotechnical Sample	RSB Rinsate Blank	LCH Leachate	SLG Sludge	WWT Waste Water	Storm Event						
MXD Matrix Spike Duplicate	SPL Split	OIL Oil	SLW Solid Waste	SST Surface Water							
MXS Matrix Spike	TPB Trio Blank	DIW Deionized Water	OFW Organic Free Water								
		DFW Deionized Organic Free Water									

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Code
D-1.5	PE18277	ENV	SBS	1/5/98 1416	PE1827701	None; Cool 4°C	9.31	Lead	14 day	C
D 11.5	PE18278			1530	PE1827801					
D 10.5	PE18279			1533	PE1827901					
D 9.5	PE18280			1537	PE1828001					
D/E 10.5	PE18281			1540	PE1828101					
T/U 30	PE18282			1547	PE1828201					

RELINQUISHED BY	RECEIVED BY	DATE	TIME	REASON FOR TRANSFER	COMMENTS/INSTRUCTIONS
Nicholas C. Ring	Fed Ex	2/12/98	1800	Ship to lab for analysis	
		2-13-98	09:00		

CONTAMINATION	YES	NO
Radological		X
Chemical	X	

Shipper: Bechtel Environmental, Inc., 2 Via De Luna, Pensacola, FL 32561

Ship to: General Engineering Laboratories, 2040 Sewage Rd., Charleston, SC 29417

Airbill No. _____ Traffic Report No. N/A

This package conforms to the conditions and limitations specified in 49 CFR 173.421 for excepted radioactive material, limited quantity, n.o.s. UN2910

22567-SC-001-412-0269-111-1

CHAIN OF CUSTODY RECORD (Continued)

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Level
U/V 30	PE18283	ENV	SBS	2/5/98 1549	PE1828301	None; Cool 4°C	9.31	Lead	14 day	C
K 26.5	PE18284	↓	↓	2/12/98 1100	PE1828401	↓	↓	↓	↓	C
P 28	PE18285	↓	↓	↓ 1100	PE1828501	↓	↓	↓	↓	C
T/U 21.5	PE18286	↓	↓	↓ 1113	PE1828601	↓	↓	↓	↓	1
G 6.5	PE18287	↓	↓	2/11/98 1130	PE1828701	↓	↓	↓	↓	1
D/E 20.5	PE18288	↓	↓	↓ 1427	PE1828801	↓	↓	↓	↓	1
<i>Under Repair 2/12/98</i>										

ZZ567-SC-001-412-02E-11-1

CHAIN OF CUSTODY RECORD



Facility Name: NAS Pensacola
Site Name: Area 7A
Delivery Order No.: 0071
Cooler/Crate No.: Bottle Prep 429
Sampling Event: Various Sites - Confirmation

SEIR No.: PE 014
COC Number: PE 014
Lab: General Engineering Laboratories
Field Logbook No.: PE-DA-004
Logbook Pg. No.: 56; 20; 30 thru 36

Sampled by: Nicke C. Ring Nicke C. Ring
Print Sign Print Sign

Legend		SAMPLE TYPE		MATRIX				QC LEVELS	
PSB	Preservative Blank	BLS	Blind Spike	AIR	Air	SBS	Subsurface Soil (>6")	PBS	Post Burn Soil
FDP	Field Duplicate	BLB	Blank Blank	FLO	Flora	SED	Sediment	PTW	Potable Water
ENV	Environmental	PTS	Point Source	FAU	Fauna	SFS	Surface Soil (0-6")	SEP	Seeps
FDB	Field Blank	FRP	Field Replicate	GWT	Groundwater	SPW	Surface Water	SOL	Solid
GEO	Geotechnical Sample	RSB	Rinsate Blank	LCH	Leachate	SLG	Sludge	WWT	Waste Water
MXD	Matrix Spike Duplicate	SPL	Split	OIL	Oil	SLW	Solid Waste	SST	Surface Water Storm Event
MXS	Matrix Spike	TPB	Trip Blank	DIW	Deionized Water	OFW	Organic Free Water		
				DFW	Deionized Organic Free Water				

9802612 Quote 3

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Code
Decom	PE18289	RSB	OFW	2/23/98 1430	PE1828901	HNO ₃	4.31	Lead	14 day	C
M17.5	PE18290	ENV	SBS	2/19/98 1418	PE1829001	None; Cool 4°C	9.31	Lead	7 days	C
BB-2	PE18300	↓	↓	2/24/98 1355	PE1830001	↓	↓	↓	↓	↓
LL-2	PE18301	↓	↓	2/24/98 1400	PE1830101	↓	↓	↓	↓	↓
DD4.5	PE18302	↓	↓	2/24/98 1630	PE1830201	↓	↓	↓	↓	↓
E10.5	PE18303	↓	↓	2/23/98 1523	PE1830301	↓	↓	↓	↓	↓

RELINQUISHED BY	RECEIVED BY	DATE	TIME	REASON FOR TRANSFER	COMMENTS/INSTRUCTIONS
<u>Nicke C. Ring</u>	<u>Fed Ex</u>	<u>2/23/98</u>	<u>1800</u>	<u>Ship to lab for analysis</u>	

CONTAMINATION	YES	NO
Radiological		X
Chemical	X	

Shipper: Bechtel Environmental, Inc. 40 Hampton Inn 2 Via De Luna, Pensacola, FL 32561 (904)380-4347
Ship to: GEL, 2040 Savage Rd., Charleston, SC 29417
Bill No.: Fed Ex 4771736340 **Traffic Report No.:** N/A

This package conforms to the conditions and limitations specified in 49 CFR 173.421 for excepted radioactive material, limited quantity, n.o.s. UN2910

22567-412-SC-0001-2764-1-1

CHAIN OF CUSTODY RECORD (Continued)

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Level
7 8 9 G7	PE18304	ENV	SBS	2/23/98 1530	PE1830401	None, Cool 4°C	9.31	Lead	7 days	C
J/K 4	PE18305	↓	↓	2/23/98 1535	PE1830501	↓	↓	↓	↓	↓
J/K 4	PE18306	FDP	↓	↓ ↓	PE1830601	↓	↓	↓	↓	↓
<p><i>Video C. Ring 2/23/98</i></p>										

↓ .1

22567-412-SC-0001-276-(1)-1

**Confirmation Soil Sample Data
for Site 10**

Note: Sample locations are denoted with N,S,E,W and B to indicate locations of side wall and bottom of excavation sampling locations.

CHAIN OF CUSTODY RECORD



Facility Name: NAS Pensacola
 Site Name: Sites 7, 10, 17 and 18
 Delivery Order No.: 0211
 Cooler/Crate No.: N/A
 Sampling Event: Various Sites - Confirmation

SEIR No.: PE 014
 COC Number: PE 016
 Lab: General Engineering Laboratories
 Field Logbook No.: PE-DA-004
 Logbook Pg. No.: 39-55

Sampled by: Nicke C. Ring Nicke C. Ring
Print Sign Print Sign

Legend		SAMPLE TYPE		MATRIX				QC LEVELS	
PSB	Preservative Blank	BLS	Blind Spike	AIR	Air	SBS	Subsurface Soil (>6")	PBS	Post Burn Soil
FDP	Field Duplicate	BLB	Blank Blank	FLO	Flora	SED	Sediment	PTW	Potable Water
ENV	Environmental	PTS	Point Source	FAU	Fauna	SFS	Surface Soil (0-6")	SEP	Seeps
FDB	Field Blank	FRP	Field Replicate	GWT	Groundwater	SPW	Surface Water	SOL	Solid
GEO	Geotechnical Sample	RSB	Rinsate Blank	LCH	Leachate	SLG	Sludge	WWT	Waste Water
MXD	Matrix Spike Duplicate	SPL	Split	OIL	Oil	SLW	Solid Waste	SST	Surface Water Storm Event
MXS	Matrix Spike	TPB	Trip Blank	DIW	Deionized Water	OFW	Organic Free Water		
				DFW	Deionized Organic Free Water				

9803326

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Code
10-B	PE18309	ENV	SBS	3/16/98 1142	PE1830901	None; Cool 4°C	P. 38	Yieldin	1/day	C
10-N	PE18310	↓	↓	↓	PE1831001	↓	↓	↓	↓	↓
10-W	PE18311	↓	↓	↓	PE1831101	↓	↓	↓	↓	↓
10-S	PE18312	↓	↓	↓	PE1831201	↓	↓	↓	↓	↓
10-E	PE18313	↓	↓	↓	PE1831301	↓	↓	↓	↓	↓
18-N	PE18314	↓	↓	↓	PE1831401	↓	P. 45	Arceclor 1260	14 day	↓

RELINQUISHED BY	RECEIVED BY	DATE	TIME	REASON FOR TRANSFER	COMMENTS/INSTRUCTIONS
<u>Nicke C. Ring</u>	<u>Fed Ex</u>	<u>3/12/98</u>	<u>1600</u>	<u>Ship to lab for analysis</u>	

CONTAMINATION	YES	NO
Radological		X
Chemical	X	

Shipper: Bechtel Environmental, Inc., 40 Hampton Inn, 2 Via Deluna, Pensacola, FL 32561
 Ship to: General Engineering Laboratories, 2040 Savage Rd., Charleston, SC 29417

 Fed Ex
 Airbill No. 4771736384 Traffic Report No. N/A

This package conforms to the conditions and limitations specified in 49 CFR 173.421 for excepted radioactive material, limited quantity, n.o.s. UN2910

22567-412-SC-0001-273-11-1

CHAIN OF CUSTODY RECORD (Continued)

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Level
18-W	PE18315	ENV	SBS	3/11/93 1428	PE18315φ1	None, Cool 4°C	8.45	Protein 1260	14 days	C
18-S	PE18316	↓	↓	↓	PE18316φ1	↓	↓	↓	↓	↓
18-E	PE18317	↓	↓	↓	PE18317φ1	↓	↓	↓	↓	↓
18-B	PE18318	↓	↓	↓	PE18318φ1	↓	↓	↓	↓	↓
17-N	PE18319	↓	↓	↓	PE18319φ1	↓	↓	↓	↓	↓
17-W	PE18320	↓	↓	↓	PE18320φ1	↓	↓	↓	↓	↓
17-S	PE18321	↓	↓	↓	PE18321φ1	↓	↓	↓	↓	↓
17-E	PE18322	↓	↓	↓	PE18322φ1	↓	↓	↓	↓	↓
17-B	PE18323	↓	↓	↓	PE18323φ1	↓	↓	↓	↓	↓
7-N	PE18324	↓	↓	3/10/93 1526	PE18324φ1	↓	9.31	Arsenic	4 days	↓
7-W	PE18325	↓	↓	↓	PE18325φ1	↓	↓	↓	↓	↓
7-S	PE18326	↓	↓	↓	PE18326φ1	↓	↓	↓	↓	↓
7-E	PE18327	↓	↓	↓	PE18327φ1	↓	↓	↓	↓	↓
7-B	PE18328	↓	↓	↓	PE18328φ1	↓	↓	↓	↓	↓
 <div style="display: flex; justify-content: center; align-items: center;"> <div style="font-size: 2em; margin-right: 10px;">/</div> <div> <p style="font-size: 1.5em; margin: 0;">Mike C. King</p> <p style="font-size: 1.5em; margin: 0;">3/12/93</p> </div> </div> 										

22567-412-SC-0001-273-(1)-1

ID
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18309 SBS

Name: GENERAL ENGINEERING LABOR Contract: NA
 Lab Code: NA Case No. : NA SAS No. : NA SDG No.: 83320S
 Matrix: (soil/water) SOIL Lab Sample ID: 9803320-01
 Sample wt/vol : 30.0 (g/mL) G Lab File ID: 012F0101
 % Moisture: 4 decanted: (Y/N) N Date Received: 03/13/98
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/14/98
 Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/17/98
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
60-57-1-----	Dieldrin	1.4	U

WET

5/13/98

13
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18310 SBS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

60-57-1-----Dieldrin	1.4	U
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WET

5/13/98

ID
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

PE18311 SBS

Lab Code: NA Case No. : NA SAS No. : NA SDG No. : 83320S

Matrix: (soil/water) SOIL	Lab Sample ID: 9803320-03
Sample wt/vol: 30.0 (g/mL) G	Lab File ID: 014F0101
% Moisture: 5 decanted: (Y/N) N	Date Received: 03/13/98
Extraction: (SepF/Cont/Sonc) SONC	Date Extracted: 03/14/98
Concentrated Extract Volume: 1.00 (mL)	Date Analyzed: 03/17/98
Injection Volume: 1.0 (uL)	Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0	Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
60-57-1-----	Dieldrin	1.4	U

WET
5/13/98

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18312 SBS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA
 Lab Code: NA Case No. : NA SAS No.: NA SDG No.: 83320S
 Matrix: (soil/water) SOIL Lab Sample ID: 9803320-04
 Sample wt/vol : 30.0 (g/mL) G Lab File ID: 015F0101
 % Moisture: 5 decanted: (Y/N) N Date Received: 03/13/98
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/14/98
 Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/17/98
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
60-57-1-----	Dieldrin	1.4	U

WBT
5/13/98

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18313 SBS

Job Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA

Case No.: NA

SAS No.: NA

SDG No.: 83320S

60-57-1-----Dieldrin_____	1.4	u
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WET
5/13/98

**Confirmation Soil Sample Data
for Site 17**

Note: Sample locations are denoted with N,S,E,W and B to indicate locations of side wall and bottom of excavation sampling locations.

CHAIN OF CUSTODY RECORD



Facility Name: NAS Pensacola
 Site Name: Sites 7, 10, 17 and 18
 Delivery Order No.: 0611
 Cooler/Crate No.: N/A
 Sampling Event: Various Sites - Confirmation

SEIR No.: PE 014
 COC Number: PE 016
 Lab: General Engineering Laboratories
 Field Logbook No.: PE-DA-004
 Logbook Pg. No.: 39-55

Legend	SAMPLE TYPE	MATRIX	QC LEVELS
PSB Preservative Blank	BLS Blind Spike	AIR Air	C Sample results and QC reported D Sample results, QC and raw data reported E Sanitizer results, blanks, and calibration reported S Screening level analysis; sample results and as reported
FDP Field Duplicate	BLB Blind Blank	FLO Flora	
ENV Environmental	PTS Point Source	FAU Fauna	
FDB Field Blank	FRP Field Replicate	GWT Groundwater	
GEO Geotechnical Sample	RSB Ringate Blank	LCH Leachate	
MXD Matrix Spike Duplicate	SPL Split	OIL Oil	
MXS Matrix Spike	TPB Trip Blank	DIV Delonized Water	
		DFW Delonized Organic Free Water	
		SBS Subsurface Soil (>6")	
		SED Sediment	
		SFS Surface Soil (0-6")	
		SPW Surface Water	
		SLG Sludge	
		SLW Solid Waste	
		OM Organic Free Water	
		PBS Post Burn Soil	
		PTW Potable Water	
		SEP Seeps	
		SOL Solid	
		WWT Waste Water	
		SWT Surface Water	
		SE Storm Event	

9603326

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Code
10-B	PE18309	ENV	SBS	3/16/98 1142	PE1830901	None; Cool 4°C	8:38	Bieldrin	1/dam	C
10-N	PE18310			1130	PE1831001					I
10-W	PE18311			1134	PE1831101					I
10-S	PE18312			1137	PE1831201					
10-E	PE18313			1138	PE1831301					

<i>J. C. King</i>			3/12/98	1000						

Shipper: Bechtel Environmental, Inc., 40 Hampton Inn, 2 Via Deluna, Pensacola, FL 32561
 Ship to: General Engineering Laboratories, 2040 Savage Rd., Charleston, SC 29417
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22567-412-SC-0001-273-(1)-1

CHAIN OF CUSTODY RECORD (Continued)

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Level
18-W	PE18315	ENV	SBS	3/11/75 1428	PE18315φ1	None, Cool 4°C.	8.45	Radon: 1260	11 day	C
18-S	PE18316	↓	↓	↓ 1430	PE18316φ1	↓	↓	↓	↓	↓
18-F	PE18317	↓	↓	↓ 1432	PE18317φ1	↓	↓	↓	↓	↓
18-B	PE18318	↓	↓	↓ 1434	PE18318φ1	↓	↓	↓	↓	↓
17-N	PE18319	↓	↓	↓ 1643	PE18319φ1	↓	↓	↓	↓	↓
17-W	PE18320	↓	↓	↓ 1645	PE18320φ1	↓	↓	↓	↓	↓
17-S	PE18321	↓	↓	↓ 1648	PE18321φ1	↓	↓	↓	↓	↓
17-E	PE18322	↓	↓	↓ 1650	PE18322φ1	↓	↓	↓	↓	↓
17-B	PE18323	↓	↓	↓ 1652	PE18323φ1	↓	↓	↓	↓	↓
7-N	PE18324	↓	↓	3/11/75 1526	PE18324φ1	↓	9.31	Arsenic	4 day	↓
7-W	PE18325	↓	↓	↓ 1521	PE18325φ1	↓	↓	↓	↓	↓
7-S	PE18326	↓	↓	↓ 1530	PE18326φ1	↓	↓	↓	↓	↓
7-E	PE18327	↓	↓	↓ 1533	PE18327φ1	↓	↓	↓	↓	↓
7-B	PE18328	↓	↓	↓ 1535	PE18328φ1	↓	↓	↓	↓	↓
Mike A. King 3/12/75										

22567-412-SC-0001-273-(1)-1

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18319 SBS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83440S

Matrix: (soil/water) SOIL Lab Sample ID: 9803440-06

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 1A10011

% Moisture: 16 decanted: (Y/N) N Date Received: 03/13/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/30/98

injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11096-82-5-----	Aroclor-1260	5.3	P

WET
5/14/98

J

ID
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18320 SBS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83440S

Matrix: (soil/water) SOIL Lab Sample ID: 9803440-07

Sample wt/vol: 30.2 (g/mL) G Lab File ID: 1A10012

% Moisture: 3 decanted: (Y/N) N Date Received: 03/13/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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11096-82-5-----	Aroclor-1260	5.9	
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5/14/98

1D

EPA SAMPLE NO.

PE18321 SBS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.; 83440S

Matrix: (soil/water) SOIL Lab Sample ID: 9803440-08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1E5005

% Moisture: 5 decanted: (Y/N) N Date Received: 33/13/98

Extraction: (SepF/Cont/Sonc) SOMC Date Extracted: 03/19/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 01/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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11096-82-5-----Aroclor-1260	4.6	P	J
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WET

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18322 SBS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83440S

Matrix: (soil/water) SOIL Lab Sample ID: 9803440-09

Sample wt/vol: 30.1 (g/mL) G Lab File ID: 1A10015

% Moisture: 4 •decanted: (Y/N) N Date Received: 03/13/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11096-82-5-----	Aroclor-1260		

WET
5/14/98

1D
 PSSTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

?E18323 SBS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83440S

Matrix: (soil/water) SOIL Lab Sample ID: 9803440-10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1A10015

% Moisture: 4 decanted: (Y/N) N Date Received: 03/13/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

Concntrated Extract Volume: 1.00 (mL) Date Analyzed: 03/31/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS - (ug/L or ug/Kg) UG/KG	Q
11096-82-5-----	Aroclor-1260	9.2	

J

WET
5/14/98

**Confirmation Soil Sample Data
for Site 18**

Note: Sample locations are denoted with N,S,E,W and B to indicate locations of side wall and bottom of excavation sampling locations.

CHAIN OF CUSTODY RECORD



Facility Name: <u>NAS Pensacola</u> Site Name: <u>Sites 7, 16, 17 and 18</u> Delivery Order No.: <u>08/11</u> Cooler/Crate No.: <u>N/A</u> Sampling Event: <u>Various Sites - Confirmation</u>	SEIR No.: <u>PE-014</u> COC Number: <u>PE-016</u> Lab: <u>General Engineering Laboratories</u> Field Logbook No.: <u>PE-DA-004</u> Logbook Pg. No.: <u>34-55</u>
--	--

Sampled by: Nicke C. Ring Nicke C. Ring
 Print Sign Print Sign

Legend		SAMPLE TYPE				MATRIX				QC LEVELS			
PSB	Preservative Blank	BLS	Blind Spike	AIR	Air	SBS	Subsurface Soil (>6")	PBS	Post Burn Soil	C Sample results and QC reported D Sample results, QC and raw data reported E Sample results, blanks, and calibration reported S Screening level analysis; sample results and as reported			
FDP	Field Duplicate	BLB	Blink Blank	FLO	Flora	SED	Sediment	PTW	Potable Water				
ENV	Environmental	PTS	Point Source	FAU	Fauna	SFS	Surface Soil (0-6")	SEP	Seeps				
FDB	Field Blank	FRP	Field Replicate	GWT	Groundwater	SPW	Surface Water	SOL	Solid				
GEO	Geotechnical Sample	RSB	Rinsate Blank	LCH	Leachate	SLG	Sludge	WWT	Waste Water				
MXD	Matrix Spike Duplicate	SPL	Split	OIL	Oil	SLW	Solid Waste	SST	Surface Water Storm Event				
MXS	Matrix Spike	TPB	Trip Blank	DIW	Deionized Water	OFW	Organic Free Water						
				DFW	Deionized Organic Free Water								

1603326

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Code
10-B	PE18309	ENV	SBS	3/16/98 1142	PE1830901	None; Cool 4°C	P.38	Dieldrin	1/ day	C
10-N	PE18310	↓	↓	1130	PE1831001	↓	↓	↓	↓	↓
10-W	PE18311	↓	↓	1134	PE1831101	↓	↓	↓	↓	↓
10-S	PE18312	↓	↓	1137	PE1831201	↓	↓	↓	↓	↓
10-E	PE18313	↓	↓	1138	PE1831301	↓	↓	↓	↓	↓
10-N	PE18314	↓	↓	1425	PE1831401	↓	P.45	Aroclor 1248	14 day	↓

RELINQUISHED BY	RECEIVED BY	DATE	TIME	REASON FOR TRANSFER	COMMENTS/INSTRUCTIONS
<u>Nicke C. Ring</u>	<u>Fed Ex</u>	<u>3/12/98</u>	<u>1600</u>	<u>Ship to lab for analysis</u>	CONTAMINATION YES NO Radiological <input type="checkbox"/> X Chemical <input checked="" type="checkbox"/> <input type="checkbox"/>
<u>Nicke C. Ring</u>	<u>...</u>	<u>3/12/98</u>	<u>...</u>	<u>...</u>	
<u>...</u>	<u>...</u>	<u>...</u>	<u>...</u>	<u>...</u>	

Shipper: Bechtel Environmental, Inc., 40 Hampton Inn, 2 Via Deluna, Pensacola, FL 32561
 Ship to: General Engineering Laboratories, 2040 Savage Rd., Charleston, SC 29417
 Fed Ex
 Airbill No. 4771736384 Traffic Report No. N/A

This package conforms to the conditions and limitations specified in 49 CFR 173.421 for excepted radioactive material, limited quantity, n.o.s. UN2910

22567-412-SC-0001-273-(1)-1

CHAIN OF CUSTODY RECORD (Continued)

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Level
18-W	PE18315	ENV	SBS	3/11/95 1428	PE18315φ1	None, Cool 4°C	8.45	Protein 1240	14 day	C
18-S	PE18316	↓	↓	↓ 1430	PE18316φ1	↓	↓	↓	↓	↓
18-E	PE18317	↓	↓	↓ 1432	PE18317φ1	↓	↓	↓	↓	↓
18-B	PE18318	↓	↓	↓ 1434	PE18318φ1	↓	↓	↓	↓	↓
17-N	PE18319	↓	↓	↓ 1643	PE18319φ1	↓	↓	↓	↓	↓
17-W	PE18320	↓	↓	↓ 1645	PE18320φ1	↓	↓	↓	↓	↓
17-S	PE18321	↓	↓	↓ 1648	PE18321φ1	↓	↓	↓	↓	↓
17-E	PE18322	↓	↓	↓ 1650	PE18322φ1	↓	↓	↓	↓	↓
17-B	PE18323	↓	↓	↓ 1652	PE18323φ1	↓	↓	↓	↓	↓
7-N	PE18324	↓	↓	3/11/95 1526	PE18324φ1	↓	9.31	Arsenic	4 day	↓
7-W	PE18325	↓	↓	↓ 1527	PE18325φ1	↓	↓	↓	↓	↓
7-S	PE18326	↓	↓	↓ 1530	PE18326φ1	↓	↓	↓	↓	↓
7-E	PE18327	↓	↓	↓ 1533	PE18327φ1	↓	↓	↓	↓	↓
7-B	PE18328	↓	↓	↓ 1535	PE18328φ1	↓	↓	↓	↓	↓
None a Day 3/12/95										

22567-412-SC-0001-273-(1)-1

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18314 SBS

Lab Name: GENERAL ENGINEERING LABCR Contract: NA

Lab Code: NA Case No. : NA SAS No. : NA SDG No.: 83440S

Matrix: (soil/water) SOIL Lab Sample ID: 9803440-01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PEST-24

% Moisture: 0 decanted: (Y/N) N Date Received: 03/13/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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11096-82-5-----Aroclor-1260	423	
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J

WET
5/14/98

ID
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18315 SBS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG Eo.: 83440S

Matrix: (soil/water) SOIL Lab Sample ID 9803440-02

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 1A1007

% Moisture: 5 decanted: (Y/N) N Date Received: 03/13/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11096-82-5-----	Aroclor-1260	3.5	U UJ

WET
5/14/98

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18316 SBS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83440S

Matrix: (soil/water) SOIL Lab Sample ID: 9803440-03

Sample wt/vol: 30.3 (g/mL) G Lab File ID: 1A1008

% Moisture: 4 decanted: (Y/N) N Date Received: 03/13/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11096-82-5-----	Aroclor-1260	3.5	U

UJ

WET
5/14/98

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

SPA SAMPLE NO.

PE18317 SBS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA
Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83440S
Matrix: (soil/water) SOIL Lab Sample ID: 9803440-04
Sample wt/vol: 30.2 (g/mL) G Lab File ID: 1A1009
% Moisture: 4 decanted: (Y/N) N Date Received: 03/13/98
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98
Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/30/98
Injection Volume: 1.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11095-82-5-----	Aroclor-1260	3.4	U

UJ

WST
5/14/98

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18318 SAS

Lab Name: GENERAL ENGINEERING LABOR Contract: NA
 Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83440S
 Matrix: (soil/water) SOIL Lab Sample ID: 9803440-05
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: 1A10010
 % Moisture: 4 decanted: (Y/N) N Date Received: 03/13/98
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98
 Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/30/98
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11096-82-5-----	Aroclor-1260	15.5	J

WET
5/14/98

**Confirmation Soil Sample Data
for Site 25**

Note: Sample locations are denoted with N,S,E,W and B to indicate locations of side wall and bottom of excavation sampling locations.



Site Name: Site 25
 Delivery Order No.: 0071
 Cooler/Crate No.: N/A

COC Number: PE017
 Lab: General Engineering Laboratories
 Field Logbook No.: PE-DA-004

Sampled by: Nicke C. Ring Print Nicke C. Ring Sign

Legend	SAMPLE TYPE	MATRIX			QC LEVELS	
PSB Preservative blank	BLS Blind Spike	AIR Air	SBS Subsurface Soil (>6")	PBS Post Burn Soil	C Sample results and QC reported D Sample results, QC and raw data reported E Sample results, blanks, and calibration reported S Screening level analysis; sample results and as reported	
FDP Field Duplicate	BLB Blink Blank	FLO Flora	SED Sediment	PTW Potable Water		
ENV Environmental	PTS Point Source	FAU Fauna	SFS Surface Soil (0-6")	SEP Seeps		
FDB Field Blank	FRP Field Replicate	GWT Groundwater	SPW Surface Water	SOL Solid		
GEO Geotechnical Sample	RSB Rinsate Blank	LCH Leachate	SLG Sludge	WWT Waste Water		
MXD Matrix Spike Duplicate	SPL Split	OIL Oil	SLW Solid Waste	SSI Surface Water		
MXS Matrix Spike	TPB Trip Blank	DIW Deionized Water	OFW Organic Free Water	Storm Event		
		DFW Deionized Organic Free Water				

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pay Item	Parameter	Priority	QC Code
Decontad	PE18329	RSB	DIW	3/16/98 1445	PE18329φ1	None; Cool 4°C	3.50	Aroclor 1260	14 days	C
25-N	PE18330	ENV	SBS	3/16/98 1713	PE18330φ1	None; Cool 4°C	8.45			
25-W	PE18331				PE18331φ1					
25-S	PE18332				PE18332φ1					
25-E	PE18333				PE18333φ1					
25-B	PE18334				PE18334φ1					

RELINQUISHED BY	RECEIVED BY	DATE	TIME	REASON FOR TRANSFER	COMMENTS/INSTRUCTIONS
Nicke Ring	Fed Ex	3/17/98	1700	Ship to lab for analysis	Temp 30
	Dianne Francis	3/18/98	0900		
Nicke C. Ring 3/17/98					

CONTAMINATION	YES	NO
Radiological		X
Chemical	X	

Shipper: Bechtel Environmental, Inc., c/o Hampton Inn, 2 Via De Luna, Pensacola, FL 32561
 Ship to: General Engineering Laboratories, 2040 Savage Rd., Charleston, SC 29407
 Fed Ex Airbill No. 4771136443 Traffic Report No. N/A

This package conforms to the conditions and limitations specified in 49 CFR 173.421 for excepted radioactive material, limited quantity, n.o.s. UN2910.

CHAIN OF CUSTODY RECORD (Continued)

Station ID	BEI Sample ID	Sample Type	Matrix Code	Collection Date/Time	Container ID	Preservative	Pav Item	Parameter	Priority	QC Level
025-ED	PE18335	ENV	SBS	Jul 14 1714	PE1833541	None; Cool 4°C	P.45	Aroclor 1260	14 day	C
<p><i>Debra C. Ring 3/17/98</i></p>										

22567-412-SC-0001-274-(1)-1

1D
PCP ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18329 PSB

Lab Name: GENERAL ENGINEERING LABOR Contract: NA .

Lab Code: NA Case No. : NA SAS No. : NA SDG No.: 83439W

Matrix: (soil/water) GROUNDH2O Lab Sample ID: 9803439-01

Sample wt/vol: 1000 (g/mL) ML Lab File ID: ?EST-36

% Moisture: _____ decanted: (Y/N) _____ Date Received: 03/18/98

Extraction: (SepF/Cont/Sonc) SEPF Date, Extracted: 03/20/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS :	
		(ug/L or ug/Kg)	MG/L Q
11096-82-5-----	Aroclor-1260	0.10	U

WET
5/14/98

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18330 ENV

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83439S

Matrix: (soil/water) SOIL Lab Sample ID: 9803439-02

Sample wt/vol: 30.1 (g/mL) G Lab File ID: PEST-17

% Moisture: 5 decanted: (Y/N) N Date Received: 03/18/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMFOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11096-82-5-----	Aroclor-1260	34.1	J

WET
5/14/98

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18331 ENV

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83439S

Matrix: (soil/water) SOIL Lab Sample ID: 9803439-03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: PEST-18

% Moisture: 4 decanted: (Y/N) N Date Received: 03/18/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

11096-82-5-----Aroclor-1260	54.4	P
-----------------------------	------	---

J

WET
5/14/98

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

?E18332 ENV

Lab Name: GENERAL ENGINEERING LABOR Contract: NA .

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83439S

Matrix: (soil/water) SOIL Lab Sample ID: 9803439-04

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1A1003

% Moisture: 4 decanted: (Y/N) N Date Received: 03/18/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS : (ug/L or ug/Kg) UG/KG	Q
11096-82-5-----	Araclor-1260		
		192	J

WET
5/14/98

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18334 ENV

Lab Name: GENERAL ENGINEERING LABOR Contract: NA

Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83439S

Matrix: (soil/water) SOIL Lab Sample ID: 9803439-06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: 1E5004

E Moisture: 4 decanted: (Y/N) N Date Received: 03/18/98

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98

Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 04/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11096-82-5-----	Aroclor-1260	93.0	J

WBT

5/14/98

ID
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PE18335 ENV

Lab Name: GENERAL ENGINEERING LABOR Contract: NA
 Lab Code: NA Case No.: NA SAS No.: NA SDG No.: 83439S
 Matrix: (soil/water) SOIL Lab Sample ID: 9803439-07
 sample wt/vol: 30.0 (g/mL) G Lab File ID: LA1006
 % Moisture: 4 decanted: (Y/N) N Date Received: 03/18/98
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 03/19/98
 Concentrated Extract Volume: 1.00 (mL) Date Analyzed: 03/30/98
 Injection Volume: 1.0 (uL) Dilution Factor: 4.0
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
11096-82-5-----	Aroclor-1260	180	J

WET
5/14/98

APPENDIX E
WASTE MANIFESTS AND CERTIFICATES OF DESTRUCTION

Waste Management Inc. - Florida
 Industrial Waste Service Center
 1000 N.W. 48th Street
 Pensacola Beach, FL 33373



A Waste Management Company

NON- HAZARDOUS MANIFEST

SC No 07040

GENERATOR **TRANSPORTER**

Generators Naval Air Station
 Address 190 Radford Blvd.
Pensacola, FL 32508-5000
 Phone 850/452-3900 P.O.# _____
 Generators Signature [Signature]

Driver Name (Print) DARRY B. REED
 Truck Number _____
 I hereby acknowledge that the above-described materials were received from the generator site were transported without incident to the destination listed below.
[Signature] 3/4/98
 Driver Signature Delivery Date

Description of Waste Materials	Profile Number	Account #	Total Quantity
<u>TAR & Soil</u>	<u>248691</u>		

10.28
TONS

DESTINATION

Facility Name Springhill Regional Landfill
 Address 4945 Hwy 273 Graceville, FL 32440
 Phone Number 850/263-7100

*B:AMENU
18623
25
117*

I hereby acknowledge receipt of the above-described materials.

Name of Authorized (Print) _____ Signature _____ Receipt Date _____

WHITE - GENERATOR YELLOW - LANDFILL PINK - LANDFILL GOLD - TRANSPORTER

Waste Management Inc. - Florida
Industrial Waste Service Center
100 N.W. 48th Street
Pensacola Beach, FL 33373



A Waste Management Company

NON- HAZARDOUS MANIFEST

SC No 07041

GENERATOR

TRANSPORTER

Generator Name Naval Air Station
Address 190 Radford Blvd.

Pensacola, FL 32508-5000

Phone 850/263-452-3900 P.O.#

Generator Signature

Driver Name (Print) DAVID PRICE

Truck Number 984

I hereby acknowledge that the above-described materials were received from the generator site were transported without incident to the destination listed below.

Driver Signature David S. Price Delivery Date 3/4/98

Weight

Description of Waste Materials	Profile Number	Account #	Total Quantity
<u>Tar and Soil</u>	<u>CH8691</u>		

14.20
TONS

DESTINATION

Destination Name Springhill Regional Landfill

Address 4945 Hwy 273 Graceville, FL 32440

Phone 850/263-7100

B. AMENUI
186435
CH 77

I hereby acknowledge receipt of the above-described materials.

Name of Authorized (Print)

Signature

Receipt Date

WHITE - GENERATOR

YELLOW - LANDFILL

PINK - LANDFILL

GOLD - TRANSPORTER



Waste Management Inc. - Florida
Industrial Waste Service Center
3000 N.W. 49th Street
Pompano Beach, FL 33375



A Waste Management Company

NON-HAZARDOUS MANIFEST

SC No 07042

GENERATOR TRANSPORTER

Generator: NAVAL Air Station
Address: 190 Bedford Way
BRONXVILLE, FL 32508-5000
Phone: 850/452-3900 P.O. #
Generator Signature: [Signature]

Driver Name (Print): DENNIS/Howard Wayne
Truck Number: 958
I hereby acknowledge that the above-described materials were received from the generator and were transported without incident to the destination listed below.
Driver Signature: [Signature] Delivery Date: 3-5-98

Description of Waste Materials	Profile Number	Account #	Total Quantity	Weight
<u>Tar and Soil</u>	<u>CH869</u>			<u>14.60 tons</u>

DESTINATION

Site Name: Springhill Regional Landfill
Address: 4945 Hwy 273 Graceville, FL 32440
Phone Number: 850/263-7100 OIOBBS

R: AMEN
1/2 1/2
05 77

I hereby acknowledge receipt of the above-described materials.
Name of Authorized (Print): CARRIE MOSS

Signature: [Signature] Receipt Date: 3/5/98

Waste Management Inc. - Florida
Industrial Waste Service Center
3000 N.W. 48th Street
Pompano Beach, FL 33373



A Waste Management Company

NON- HAZARDOUS MANIFEST

SC No 07043

GENERATOR **TRANSPORTER**

Generators Naval Air Station
190 Radford Blvd
Pensacola, FL 32508-5000
Phone 850/452-3900 P.O.#
Generators Signature [Signature]

Driver Name (Print) David S. Price
Truck Number # 984
I hereby acknowledge that the above-described materials were received from the generator site were transported without incident to the destination listed below.
David S. Price 3-5-98
Driver Signature Delivery Date

Description of Waste Materials	Profile Number	Account #	Total Quantity	Weight
Gravel and Soil	CH8691			67,920 19,822

DESTINATION

Site Name Springhill Regional Landfill
Address 4945 Hwy 273 Graceville, FL 32440
Phone Number 850/263-7100 010885

I hereby acknowledge receipt of the above-described materials.
Charris Moss [Signature] 3/6/98
Name of Authorized (Print) Signature Receipt Date

WHITE-GENERATOR YELLOW - LANDFILL PINK - LANDFILL GOLD - TRANSPORTER

Waste Management Inc. - Florida
Industrial Waste Service Center
3000 N.W. 48th Street
Pompano Beach, FL 33373



A Waste Management Company

NON- HAZARDOUS MANIFEST

SC No 07244

GENERATOR

TRANSPORTER

Generators Naval Air Station
Address 190 Radford Blvd.
Pensacola, FL 32508-5000

Phone (904)452-3900 P.O.#
Generators Signature

Driver Name (Print) GARRY B. REED
Truck Number 961

I hereby acknowledge that the above-described materials were received from the generator site were transported without incident to the destination listed below.

Garry B Reed 3/11/98
Driver Signature Delivery Date

Description of Waste Materials	Profile Number	Account #	Total Quantity	Weight
<u>Soil with PCBs XXXXXX</u>	<u>CH8694</u>	<u>6116</u>	<u>21,020</u>	<u>69340 26100 10.62</u>

DESTINATION

Site Name Springhill Landfill
Address 4945 Hwy 273, Graceville, FL 32440
Phone Number (850) 263-7100 O&EES

B. AMENU
180 L3

I hereby acknowledge receipt of the above-described materials.

CARRIE MOSS
Name of Authorized (Print)

Carrie Moss 3/12/98
Signature Receipt Date

WHITE - GENERATOR

YELLOW - LANDFILL

PINK - LANDFILL

GOLD - TRANSPORTER

Waste Management Inc. - Florida
Industrial Waste Service Center
6000 N.W. 48th Street
Pompano Beach, FL 33373



A Waste Management Company

NON- HAZARDOUS MANIFEST

SC No 07245

GENERATOR

TRANSPORTER

Generators Naval Air Station
Address 190 Radford Blvd.
Pensacola, FL 32508-5000
Phone (850)452-3900 P.O.#
Generators Signature [Signature]

Driver Name (Print) Garry B Reed
Truck Number 561
I hereby acknowledge that the above-described materials were received from the generator site were transported without incident to the destination listed below.
Garry B. Reed 3/11/98
Driver Signature Delivery Date
Weight

Description of Waste Materials	Profile Number	Account #	Total Quantity
<u>Soil with Meldrin</u>	<u>CH8695</u>	<u>6116</u>	<u>21,220</u>

10.62
217

DESTINATION

Site Name Springhill Landfill
Address 4745 Hwy 273, Graceville FL 32440
Phone Number (850)263-7100 08EE5
I hereby acknowledge receipt of the above-described materials.
CARRIE MOSS
Name of Authorized (Print)

B. AMENU
18623
25
[Signature] 3/12/98
Signature Receipt Date

WHITE - GENERATOR YELLOW - LANDFILL PINK - LANDFILL GOLD - TRANSPORTER

Waste Management Inc. - Florida
Industrial Waste Service Center
3000 N.W. 48TH Street
Pompano Beach, FL 33373



A Waste Management Company

NON-HAZARDOUS MANIFEST

SC No **07248**

GENERATOR

TRANSPORTER

Generators Naval Air Station
Address 190 Radford Blvd.
Pensacola, FL 32508-5000
Phone (850)452-3900 P.O.#
Generators Signature Russell E. Bell

Driver Name (Print) GARRY B. REED
Truck Number 961
I hereby acknowledge that the above-described materials were received from the generator site were transported without incident to the destination listed below.
Mary B. Reed 3/17/98
Driver Signature / Delivery Date

Weight

Description of Waste Materials	Profile Number	Account #	Total Quantity
<u>Non Hazardous Soils with PCBs</u>	<u>CH8694</u>	<u>6116</u>	<u>8980lb</u>

4 35
TONS

DESTINATION

Site Name Springhill Landfill
Address 4945 Hwy 273, Graceville, FL 32440
Phone Number (850)263-7100

I hereby acknowledge receipt of the above-described materials.

TWA Johnson Jana Plausen 3/17/98
Name of Authorized (Print) / Signature / Receipt Date

WHITE - GENERATOR

YELLOW - LANDFILL

PINK - LANDFILL

GOLD - TRANSPORTER

Waste Management Inc. - Florida
Industrial Waste Service Center
6100 N.W. 48th Street
Pompano Beach, FL 33373

5.45



A Waste Management Company

NON-HAZARDOUS MANIFEST

SC No 07249

GENERATOR

TRANSPORTER

Generators Naval Air Station
Address 190 Radford Blvd.
Pensacola, FL 32508-5000
Phone (850)452-3900 P.O.#
Generators Signature Russell E Bell

Driver Name (Print) GARY B Reed
Truck Number 961
I hereby acknowledge that the above-described materials were received from the generator site were transported without incident to the destination listed below.
Gary B Reed 3/17/88
Driver Signature Delivery Date

Description of Waste Materials	Profile Number	Account #	Total Quantity
Non-Hazardous Soil and Tar	CH8591	6116	5000 lbs

2.90
TONS

DESTINATION

Site Name Springhill Landfill
Address 199 4945 Hwy 273, Gracemille, FL 32440
Phone Number (850)263-7100

I hereby acknowledge receipt of the above-described materials.
TINA Johnson Tina Johnson 3/17/88
Name of Authorized (Print) Signature Receipt Date

WHITE - GENERATOR YELLOW - LANDFILL PINK - LANDFILL GOLD - TRANSPORTER

TOL 542
TRM 10

LOAD LOSS 15
DRESS

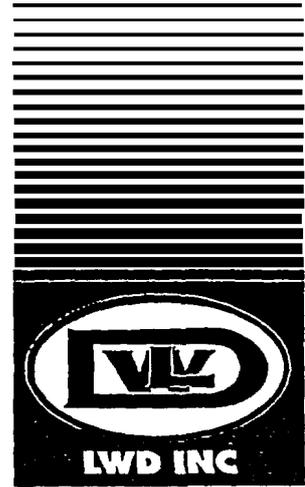
54016

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
Generator's Name and Mailing Address Public Works Center NAVAL AIR STATION 310 John Tyler Blvd 140 RAINBOW BLVD Pensacola, FL 32508-5303 3500		4. Generator's Phone (850) 452-2178 3500		A. State Manifest Document Number 09004	B. State Generator's ID	
5. Transporter 1 Company Name Robbie N. Wood		6. US EPA ID Number A I D 0 6 7 1 3 8 8 9 1		C. State Transporter's ID		D. Transporter's Phone 800-356-7457
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone
9. Designated Facility Name and Site Address LWD, Inc. 1637 Shar Cal Road		10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone -
11. USDOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a	X HQ Hazardous Waste, Solid, n.o.s. (Lead) Q/NA3077/III (ERG#171)		0 0 1 C M	4,3720	P	D008
b						
c						
d						
J. Additional Descriptions for Materials Listed Above			K. Handling Codes for Wastes Listed Above M111			
15. Special Handling Instructions and Additional Information A.E.S. Inc is this fac hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc. 4726 Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24 Hr emergency number: A.E.S. 412-486-0871 or After Hrs 412-427-4648 or 4629.						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name James D. Lawrence		Signature <i>[Signature]</i>		Month Day Year 02/27/98		
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials					
	Printed/Typed Name John E. Browning		Signature <i>[Signature]</i>		Month Day Year 02/09/98	
	18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name Charles A. Hawkins		Signature <i>[Signature]</i>		Month Day Year 02/10/98		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Ken Riley		Signature <i>[Signature]</i>		Month Day Year 02/12/98		

lit
act

LWB, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station
Public works Center Manifest Document No. 08001
LWD PC#(s) _____ State Manifest Document No. 09004

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. Treatability Group
 Wastewater Non-Wastewater
2. U.S. EPA Hazardous Waste Codes subcategory
(list all that apply) (complete only if applicable)
D008 LEAD TOXICITY

3 Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or ~~Explosives~~ only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.
 I certify that no Underlying Hazardous Constituents are present in the waste.

4 Waste for which applicable treatment standards, must be listed completely.

A) F001-5 Spent Solvents
 If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WW	NWW		WW	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Add)	0.88	11.2	___ 1,1,2-Trichloro- 1,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)			Technology Code	
	n/a			INCIN	INCIN
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B.) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- | | |
|---|-----------|
| ___ Nickel and/or compounds (as Ni) | LIMITS |
| ___ Thallium and/or compounds (as Tl) | ≥134 mg/l |
| ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. | ≥130 mg/l |

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 of RCRA Section 3004(d).

Signature [Signature] Title Environmental Engineer Date 2/9/98

1.0117 65374
 2/11/98

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. FL 0170024567	Manifest Document No. 03002	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
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3. Generator's Name and Mailing Address Public Works Center 310 John Tower Road Naval Air Station 190 Randolph Blvd Pensacola, FL 32508-5303 Generator's Phone (850-217-02-2170) 3900	A. State Manifest Document Number 09003	B. State Generator's ID
5. Transporter 1 Company Name Robbie B. Wood	6. US EPA ID Number ALD067138891	C. State Transporter's ID D. Transporter's Phone 800-356-7457
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address LWD, Inc. 137 Shar Cal Road Calvert City, KY 42029	10. US EPA ID Number KYD985073196	G. State Facility's ID H. Facility's Phone 502-395-8313

GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
		No.	Type			
X	"RQ" Hazardous Waste, Solid, n.o.s. (Lead) (9/NA3077/III) (ERG#171)	0	011	CM	47000	P D008

J. Additional Descriptions for Materials Listed Above SBB96	K. Handling Codes for Wastes Listed Above M111
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15. Special Handling Instructions and Additional Information
 hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc. 4201 A.T
 Royal Blvd #210, Allison Park, PA 15101. In the Event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24 Hr emergency number: A.E.S. 412-486-0871 or After Hrs 412-427-4648 or 4629.

Printed/Typed Name <i>[Signature]</i>	Signature <i>[Signature]</i>	Month Day Year 02 07 98
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17. Printed/Typed Name LARRY BINGHAM	Signature <i>[Signature]</i>	Month Day Year 12 10 98
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18. Printed/Typed Name	Signature	Month Day Year 1 1 1 1 1 1
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19. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

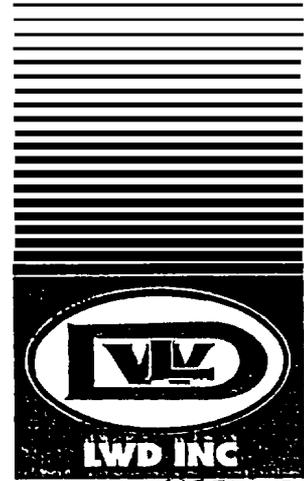
Printed/Typed Name Ken Miller	Signature <i>[Signature]</i>	Month Day Year 02 07 98
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GENERATOR

TRANSPORTER

L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
FH 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name NAVAL AIR Station
Public Works Center Manifest Document No. 08002
LWD PC#(s) _____ State Manifest Document No. 09003

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must **be** treated to the applicable treatment standards set forth in **40** CFR 268.40.

1. Treatability Group
 Wastewater Non-Wastewater

2. U.S. EPA Hazardous Waste Codes (list all that apply) Subcategory (complete only if applicable)
D008 LEAD Toxicity

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to **be** present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.
 I certify that no Underlying Hazardous Constituents are present in the waste.

4. Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWW		VWV	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromthane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)		Technology Code	
___ Carbon Dsulfide	n/a	4.2	___ 2-Nitropropane	INCIN INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN INCIN
___ Methanol	n/a	0.75		

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B.) California List Wastes

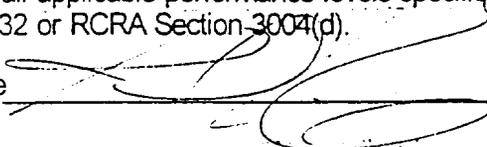
Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- | | |
|---|-----------|
| ___ Nickel and/or compounds (as Ni) | LIMITS |
| ___ Thallium and/or compounds (as Tl) | ≥134 mg/l |
| ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. | ≥130 mg/l |

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature



Title

Environmental Engineer

Date

2/9/98

2/16/88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL 9170024567
Manifest Document No. 108003

2. Page 1 of 1 Information in the shaded areas is not required by federal law.

Generator's Name and Mailing Address
~~Public Works Center~~ NAVAL Air Station
~~310 John Tower Road~~ 150 Knorrman Blvd.
Pensacola, FL 32508-5303
4. Generator's Phone (850) 452-2176 3900

A. State Manifest Document Number
09001

8. State Generator's ID

5. Transponer 1 Company Name
Robbie D. Wood
6. US EPA ID Number
LA T D 0 6 7 1 3 8 8 9 1

C. State Transporter's ID
D. Transporter's Phone 800-356-7457

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

E. State Transporter's ID

LWD, Inc.
1637 Shar Cal Road
Calvert City, KY 42029
KY D 9 8 5 0 7 3 1 9 6

H. Facility's Phone
502-395-8313

GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit W/Vol	1. Waste No.
		No.	Type			
a.	HM X "RQ" Hazardous Waste, Solid, n.o.s. (D008) (Lead) @/NA3077/III (ERG#171)	0.01	C.M	47.260	P	D008
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
SBB9L

K. Handling Codes for Wastes Listed Above
111

15. Special Handling Instructions and Additional Information
A.E.S. inc is this fac
hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc. 24 Hr
Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous
material, contact National Response Center and 911. The driver has Emergency Response infor
mation. 24 Hr emergency number: A.E.S. 412-486-0871 or After Hrs 412-427-4648 or 4629.

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

Printed/Typed Name: Robbie D. Wood
Signature: [Signature]
Month Day Year: 02 07 88

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: LOUISE HILL
Signature: [Signature]
Month Day Year: 02 09 88

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

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: K.F. Kile
Signature: [Signature]
Month Day Year: 02 16 88

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name = NAVAL Air Station
~~Public Works Center~~ Manifest Document No. 05003
LWD PC#(s) _____ State Manifest Document No. 09001

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and **must** be treated to the applicable treatment standards set forth in **40 CFR 268.40**.

1. Treatability Group
 Wastewater Non-Wastewater

2. U.S. EPA Hazardous Waste Codes (list all that apply) subcategory (complete only if applicable)
D008 LEAD Toxicity

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.
 I certify that no Underlying Hazardous Constituents are present in the waste.

4
 Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents
 If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ketone	0.28	160	___Methanol	5.6	n/a
___Benzene	0.14	10	___Methylene Chloride	0.089	30
___n-Butyl Alcohol	5.6	2.6	___Methyl Ethyl Ketone	0.28	36
___Carbon Disulfide	3.8	n/a	___Methyl Isobutyl Ketone	0.14	33
___Carbon Tetrachloride	0.057	6.0	___Nitrobenzene	0.068	14
___Chlorobenzene	0.057	6.0	___Pyridine	0.014	16
___Cresols(m- & p-isomers)	0.77	5.6	___Tetrachloroethylene	0.056	6.0
___o-Cresol	0.11	5.6	___Toluene	0.080	10
___Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___Cyclohexanone	0.36	n/a	___1,1,1-Trichloroethane	0.054	6.0
___o-Dichlorobenzene	0.088	6.0	___1,1,2-Trichloroethane	0.054	6.0
___Ethyl Acetate	0.34	33	___Trichloroethylene	0.054	6.0
___Ethylbenzene	0.057	10	___Trichloromono- fluoromethane	0.020	30
___Ethyl Ether	0.12	160	___Xylene	0.32	30
___Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B.) California List Wastes
 Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.
 The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- | | |
|---|-----------|
| ___ Nickel and/or compounds (as Ni) | LIMITS |
| ___ Thallium and/or compounds (as Tl) | ≥134 mg/l |
| ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. | ≥130 mg/l |

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature

Title

E. N. V. K. N. A. S. I. R. E. G. I. N. G. I. S. T.

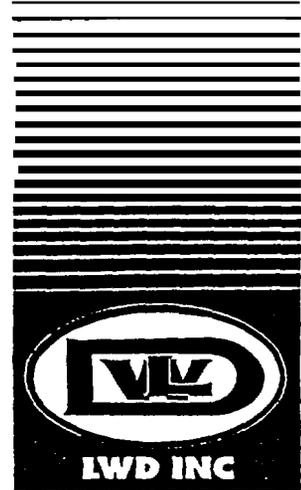
Date

02/09/89

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 9170024567		Manifest Document No. 03004		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Public Works Center 310 John Tower Road Pensacola, FL 32508-5303 Generator's Phone (850) 452-2170-3900						NAVAL Air Station 150 RAUFORD BLVD 5000			
4. Transporter 1 Company Name Robbie D. Hood		6. US EPA ID Number ALD067138891		C. State Manifest Document Number 09002		B. State Generator's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-356-7457		E. State Transporter's ID			
9. Designated Facility Name and Site Address I.W.D, Inc. 1637 Shar Cal Road Calvert City, KY 42029		10. US EPA ID Number KYD985073196		F. Transporter's Phone		G. State Facility's ID			
				H. Facility's Phone 502-395-8313					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. <input checked="" type="checkbox"/> HM "RQ" Hazardous Waste, Solid, n.o.s. (Liquid) 9/NA3077/III (ERG#171)		0 0 1 CM		45560		P		D008	
b.									
c.									
d.									
J. Additional Descriptions for Materials Listed Above SBB96						K. Handling Codes for Wastes Listed Above M III			
15. Special Handling Instructions and Additional Information hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc. 412-427-4648 Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24 hr emergency number: A.E.S. 412-486-0871 or After Hrs 412-427-4648 or 4529.									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <i>James D. Lawrence</i>				Signature <i>[Signature]</i>			Month Day Year 01/01/78		
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name <i>Lamar Dudley</i>				Signature <i>[Signature]</i>			Month Day Year 02/17/78		
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature			Month Day Year		
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name <i>Ken Kiley</i>				Signature <i>[Signature]</i>			Month Day Year 02/11/78		

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name NAVAL Air Station
Public Works Center Manifest Document No. 08009
LWD PC#(s) _____ State Manifest Document No. 09002

This form is submitted to LWD, inc. in compliance With 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must **be** treated to the applicable treatment standards set forth in 40 CFR 268.40.

- Treatability Group
 Wastewater Non-Wastewater
- U.S. EPA Hazardous Waste Codes (list all that apply) subcategory (complete only if applicable)
D008 LEAD Toxicity

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, **except** zinc and vanadium, present in the waste or reasonably expected to **be** present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.
 I certify that no Underlying Hazardous Constituents are present in the waste.

4. Waste for which applicable treatment standards, **must be listed completely:**

A.) Fool-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, **check** all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must **be** treated at least to levels specified **below:**

F001-5 Spent Solvents	WW	CCW (in mg/l) NWW	F001-5 Spent Solvents	WW	CCW (in mg/l) NWW
<u>Acetone</u>	0.28	160	<u>Methanol</u>	5.6	n/a
<u>Benzene</u>	0.14	10	<u>Methylene Chloride</u>	0.089	30
<u>n-Butyl Alcohol</u>	5.6	2.6	<u>Methyl Ethyl Ketone</u>	0.28	35
<u>Carbon Disulfide</u>	3.8	n/a	<u>Methyl Isobutyl Ketone</u>	0.14	33
<u>Carbon Tetrachloride</u>	0.057	6.0	<u>Nitrobenzene</u>	0.068	14
<u>Chlorobenzene</u>	0.057	6.0	<u>Pyridine</u>	0.014	16
<u>Cresols(m- & p-isomers)</u>	0.77	5.6	<u>Tetrachloroethylene</u>	0.056	6.0
<u>o-Cresol</u>	0.11	5.6	<u>Toluene</u>	0.080	10
<u>Cresols - Mixed Isomers (Cresylic Acid)</u>	0.88	11.2	<u>1,1,2-Trichloro-1,2,2-Trifluoroethane</u>	0.057	30
<u>Cyclohexanone</u>	0.36	n/a	<u>1,1,1-Trichloroethane</u>	0.054	6.0
<u>o-Dichlorobenzene</u>	0.088	6.0	<u>1,1,2-Trichloroethane</u>	0.054	6.0
<u>Ethyl Acetate</u>	0.34	33	<u>Trichloroethylene</u>	0.054	6.0
<u>Ethylbenzene</u>	0.057	10	<u>Trichloromono-fluoromethane</u>	0.020	30
<u>Ethyl Ether</u>	0.12	160	<u>Xylene</u>	0.32	30
<u>Isobutyl Alcohol</u>	5.6	170			
		CCWE (in mg/l)			Technology Code
<u>Carbon Disulfide</u>	n/a	4.8	<u>2-Nitropropane</u>	INCIN	INCIN
<u>Cyclohexanone</u>	n/a	0.75	<u>2-Ethoxyethanol</u>	INCIN	INCIN
<u>Methanol</u>	n/a	0.75			

F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B.) California List Wastes

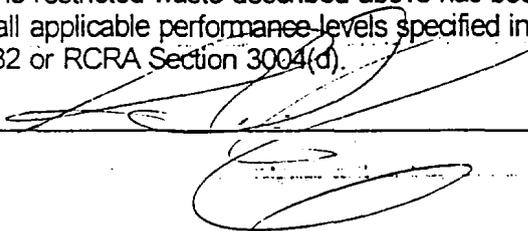
Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- | | |
|---|-----------|
| <u>Nickel and/or compounds (as Ni)</u> | LIMITS |
| <u>Thallium and/or compounds (as Tl)</u> | ≥134 mg/l |
| <u>Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.</u> | ≥130 mg/l |

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature



Title

ENVIRONMENTAL ENGINEER Date 2/9/98

A 203

5472

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. F L 9 1 7 0 0 2 4 5 6 7	Manifest Document No. 108005	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000			A. State Manifest Document Number 02005	B. State Generator's ID	
4. Generator's Phone (850) 452-3900	5. Transporter 1 Company Name Robbie D. Wood		6. US EPA ID Number A L D 0 6 7 1 3 8 8 9 1	C. State Transporter's ID	
7. Transporter 2 Company Name	8. US EPA ID Number		D. Transporter's Phone 800/356-7457		E. State Transporter's ID
9. Designated Facility Name and Site Address LWD, INC. Shar-Cal Road Calvert City, KY 42029			10. US EPA ID Number K Y D 9 8 5 0 7 3 1 9 6		F. Transporter's Phone
			G. State Facility's ID		H. Facility's Phone 502/395-8313

a.	RM	US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
			No.	Type			
X		"RQ" Hazardous Waste Solid, n.o.s. (Lead) 9/NA3077/PG III (ERG#171)	0.01	C.M	48(20) 78(20)	P	D008
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above a) SBB96 D008	K. Handling Codes for Wastes Listed Above a) M111
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Printed/typed Name Ron Dornier	Signature 	Month Day Year 10/21/98
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Printed/Typed Name James K. Chevront #203	Signature 	b
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18. Transporter 2 Acknowledgement of Receipt of Materials	Printed/typed Name	Signature	Month Day Year
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19. Discrepancy Indication Space
Per Andrew Fall / AOS, 2/20/98, H for LWD

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.	Printed/typed Name KEN RELEY	Signature 	Month Day Year 10/21/1998
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L W D, INC.

P O BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08005
LWD PC#(s) 53896 State Manifest Document No. 09005

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is **restricted** under the land disposal restrictions and **must be** treated to the applicable treatment standards set forth in **40 CFR 268.40**.

1 Treatability Group
 Wastewater Non-Wastewater

U S. EPA Hazardous Waste Codes (list all that apply)	Subcategory (complete only if applicable)
<u>-A</u>	<u>Lead Toxicity</u>

3 Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), W02 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification
 I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents
 If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WW	NWW		WW	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro-1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono-fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			

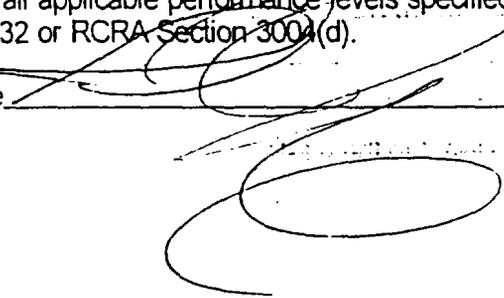
	CCWE (in mg/l)		Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN INCIN
___ Methanol	n/a	0.75		

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B.) California List Wastes
 Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.
 The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature  Title EM, -eam. Engineer Date 2/17/98

5475

Print or type

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **F.L.9.1.7.0.0.2.4.5.6.7** Manifest Document No. **108006**

2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

Generator's Name and Mailing Address
Naval Air Station
190 Radford Blvd.
Pensacola, FL 32508-5000

A. State Manifest Document Number
09006

B. State Generator's ID

4. Generator's Phone (850) 452-3900

6. US EPA ID Number
A.L.D.0.6.7.1.3.8.8.9.1

C. State Transporter's ID

5. Transporter 1 Company Name
Robbie D. Wood

D. Transporter's Phone **800/356-7457**

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

9. Designated Facility Name and Site Address
Shar-Cal Road
Calvert City, KY 42029

10. US EPA ID Number
K.Y.D.9.8.5.0.7.3.1.9.6

G. State Facility's ID

H. Facility's Phone **502/395-8313**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol 15. Waste No.

	HM		No.	Type	Total Quantity	Unit Wt/Vol	Waste No.
a.	X	"RQ" Hazardous Waste Solid, n.o.s. (Lead) 9/NA3077/PG III (ERG#171)	0.0.1	C.M	4720 79460	P	D008
b.							used to inc.
c.							
d.							

Additional Descriptions for Materials Listed Above

a) **SBBAG** hazardous waste boxes
that do not apply
D008

K. Handling Codes for Wastes Listed Above

a) M111

Center an

Signature

Printed/Typed Name

GARY Campbell #143

Signature

Month Day Year

10/21/98

Printed/Typed Name

Signature

Month Day Year

2/20/98, YLF for YWD

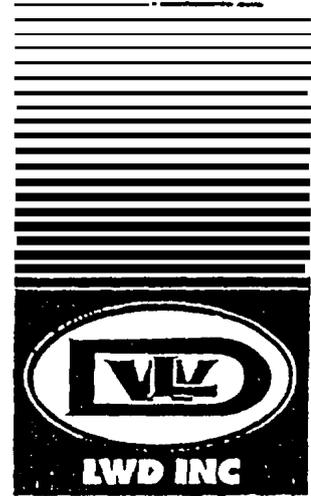
Ken Riley

Month Day Year

10/21/98

L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
PH 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08006
LWD PC#(s) S8891 State Manifest Document No. 09006

This form is submitted to LWD, inc. in compliance with 40 CFR 268 7(a).

The following waste(s), as described below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. Treatability Group
 Wastewater Non-Wastewater

2. U.S. EPA Hazardous Waste Codes (list all that apply)	Subcategory (complete only if applicable)
<u>D008</u>	<u>Lead Toxicity</u>

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification
 I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents
 If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste **must** be treated at least to levels specified below:

01-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro-1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono-fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)			Technology Code	
	VWV	NWV			
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes
 Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.
 The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature:  Title: ENVIRONMENTAL ENGINEER Date: 2/17/98

5470

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. F.L.9.1.7.0.0.2.4.5.6.7	Manifest Document No. 10.80.07	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
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Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000	A. State Manifest Document Number 09007
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4. Generator's Phone (850) 452-3900	6. US EPA ID Number A.L.D.0.6.7.1.3.8.8.9.1	C. State Transporter's ID	D. Transporter's Phone 8007-356-7457	E. State Transporter's ID
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5. Transporter 1 Company Name Robbie D. Wood	8. US EPA ID Number	F. Transporter's Phone
7. Transporter 2 Company Name	10. US EPA ID Number K.Y.D.9.8.5.0.7.3.1.9.6	G. State Facility's ID
9. Designated Facility Name and Site Address LWD, INC. Shar-Cal Road Calvert City, KY 42029		H. Facility's Phone 502/395-8313

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
	No.	Type			
a. <input checked="" type="checkbox"/> "RQ" Hazardous Waste Solid, n.o.s.(Lead) 9/NA3077/PG III (ERG#171)	0.0.1	C.M	52.000	P	D008
b.					
c.					
d.					

16. Additional Descriptions for Materials Listed Above a) SBB46	K. Handling Codes for Wastes Listed Above a) M111
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15. Special Handling Instructions and Additional Information A.E.S., Inc. is this facility's hazardous waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911, 24HR Emergency #:412/486-0871 after hrs:412/427-4648 or 4629.

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

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Ken Soyars	Signature <i>[Signature]</i>	Month Day Year 10/21/79
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17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name Steven L Goff	Signature <i>[Signature]</i>	Month Day Year 12/1/79

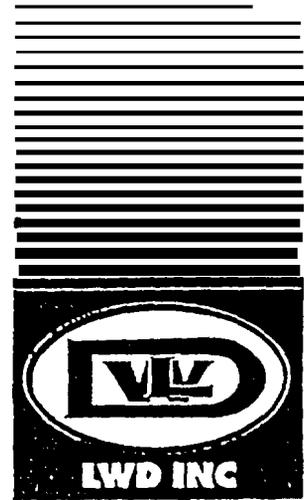
18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		
Printed/Typed Name Ken Riley	Signature <i>[Signature]</i>	Month Day Year 10/21/81

L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
PH 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08007
LWD PC#(s) SBBAL State Manifest Document No. 09007

This form is submitted to LWD, inc in compliance with 40 CFR 268.7(a)

The following waste(s), as specified below, is restricted under the land disposal restrictions and **must be** treated to the applicable treatment standards set forth in 40 CFR 268.40.

1 Treatability Group
 Wastewater Non-Wastewater

U S EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

3 Notification of Underlying Hazardous Constituents. This requirement applies to F039, Cool (other than wastes treated by CMBST), C002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WWV	NWW		WWV	NWW
<input type="checkbox"/> Acetone	0.28	160	<input type="checkbox"/> Methanol	5.6	n/a
<input type="checkbox"/> Benzene	0.14	10	<input type="checkbox"/> Methylene Chloride	0.089	30
<input type="checkbox"/> n-Butyl Alcohol	5.6	2.6	<input type="checkbox"/> Methyl Ethyl Ketone	0.28	36
<input type="checkbox"/> Carbon Disulfide	3.8	n/a	<input type="checkbox"/> Methyl Isobutyl Ketone	0.14	33
<input type="checkbox"/> Carbon Tetrachloride	0.057	6.0	<input type="checkbox"/> Nitrobenzene	0.068	14
<input type="checkbox"/> Chlorobenzene	0.057	6.0	<input type="checkbox"/> Pyridine	0.014	16
<input type="checkbox"/> Cresols(m- & p-isomers)	0.77	5.6	<input type="checkbox"/> Tetrachloroethylene	0.056	6.0
<input type="checkbox"/> o-Cresol	0.11	5.6	<input type="checkbox"/> Toluene	0.080	10
<input type="checkbox"/> Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	<input type="checkbox"/> 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
<input type="checkbox"/> Cyclohexanone	0.36	n/a	<input type="checkbox"/> 1,1,1-Trichloroethane	0.054	6.0
<input type="checkbox"/> o-Dichlorobenzene	0.088	6.0	<input type="checkbox"/> 1,1,2-Trichloroethane	0.054	6.0
<input type="checkbox"/> Ethyl Acetate	0.34	33	<input type="checkbox"/> Trichloroethylene	0.054	6.0
<input type="checkbox"/> Ethylbenzene	0.057	10	<input type="checkbox"/> Trichloromono- fluoromethane	0.020	30
<input type="checkbox"/> Ethyl Ether	0.12	160	<input type="checkbox"/> Xylene	0.32	30
<input type="checkbox"/> Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)		Technology Code	
<input type="checkbox"/> Carbon Disulfide	n/a	4.8	<input type="checkbox"/> 2-Nitropropane	INCIN INCIN
<input type="checkbox"/> Cyclohexanone	n/a	0.75	<input type="checkbox"/> 2-Ethoxyethanol	INCIN INCIN
<input type="checkbox"/> Methanol	n/a	0.75		

F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

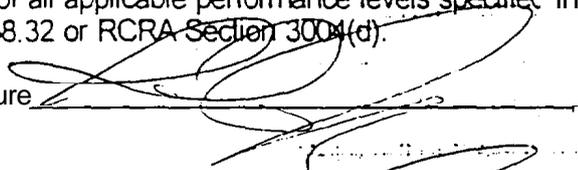
B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- | | |
|--|-----------|
| <input type="checkbox"/> Nickel and/or compounds (as Ni) | LIMITS |
| <input type="checkbox"/> Thallium and/or compounds (as Tl) | ≥134 mg/l |
| <input type="checkbox"/> Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. | ≥130 mg/l |

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

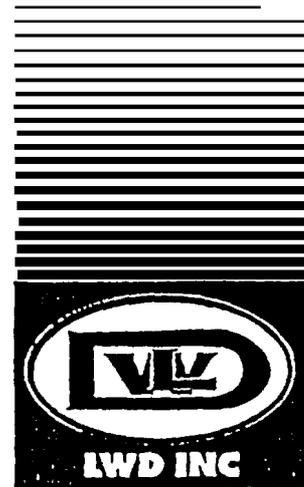
Signature  Title ENVIRONMENTAL ENGINEER Date 2/17/08

341°

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's USEPA ID No FL9170024567	Manifest Document No 108008	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000		A. State Manifest Document Number 09008		B. State Generator's ID		
4. Generator's Phone (850) 452-3900	6. US EPA ID Number A.L.D.0.6.7.1.3.8.8.9.1	C. State Transporter's ID		D. Transporter's Phone 800/356-7457		
5. Transporter 1 Company Name Robbie D. Wood	8. US EPA ID Number	E. State Transporter's ID		F. Transporter's Phone		
7. Transporter 2 Company Name	10. US EPA ID Number L.V.D.9.8.5.0.7.3.1.9.6	G. State Facility's ID		H. Facility's Phone 502/395-8313		
9. Designated Facility Name and Site Address LWD, INC. Shar-Cal Road Calvert City, KY 43039		11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. "RQ" Hazardous Waste Solid, n.o.s. (Lead) 9/NA3077/PG III (ERG#171)		b. 0.01 C M		c. 45200		d. P D008
Additional Descriptions for Materials Listed Above a) SBB96 D008		K. Handling Codes for Wastes Listed Above a) M111				
15. Special Handling Instructions and Additional Information A.E.S. Inc. is this facility's hazardous waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911. 24HR Emergency #: 412/486-0871 after hrs: 412/427-4648 or 4629.						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Ken Joyner		Signature 		Month Day Year 10/21/18		
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		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Ken Riley		Signature 		Month Day Year 10/21/18		

L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
PH: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08008
LWD PC#(s) SBRAL State Manifest Document No. 09008

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a)

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1 Treatability Group
Wastewater Non-Wastewater

a

U S EPA Hazardous Waste Codes
(list all that apply)

subcategory
(complete only if applicable)

<u>D008</u>	<u>Lead Toxicity</u>

3 Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification
 I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below:

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WW	NWW		WW	NWW
<input type="checkbox"/> Acetone	0.28	160	<input type="checkbox"/> Methanol	5.6	n/a
<input type="checkbox"/> Benzene	0.14	10	<input type="checkbox"/> Methylene Chloride	0.089	30
<input type="checkbox"/> n-Butyl Alcohol	5.6	2.6	<input type="checkbox"/> Methyl Ethyl Ketone	0.28	36
<input type="checkbox"/> Carbon Disulfide	3.8	n/a	<input type="checkbox"/> Methyl Isobutyl Ketone	0.14	33
<input type="checkbox"/> Carbon Tetrachloride	0.057	6.0	<input type="checkbox"/> Nitrobenzene	0.068	14
<input type="checkbox"/> Chlorobenzene	0.057	6.0	<input type="checkbox"/> Pyridine	0.014	16
<input type="checkbox"/> Cresols(m- & p-isomers)	0.77	5.6	<input type="checkbox"/> Tetrachloroethylene	0.056	6.0
<input type="checkbox"/> o-Cresol	0.11	5.6	<input type="checkbox"/> Toluene	0.080	10
<input type="checkbox"/> Cresols - Mixed Isomers (CresylicAdd)	0.88	11.2	<input type="checkbox"/> 1,1,2-Trichloro-		
<input type="checkbox"/> Cyclohexanone	0.36	n/a	<input type="checkbox"/> 1,2,2-Trifluoroethane	0.057	30
<input type="checkbox"/> o-Dichlorobenzene	0.088	6.0	<input type="checkbox"/> 1,1,1-Trichloroethane	0.054	6.0
<input type="checkbox"/> Ethyl Acetate	0.34	33	<input type="checkbox"/> 1,1,2-Trichloroethane	0.054	6.0
<input type="checkbox"/> Ethylbenzene	0.057	10	<input type="checkbox"/> Trichloroethylene	0.054	6.0
<input type="checkbox"/> Ethyl Ether	0.12	160	<input type="checkbox"/> Trichloromono-		
<input type="checkbox"/> isobutyl Alcohol	5.6	170	<input type="checkbox"/> fluoromethane	0.020	30
			<input type="checkbox"/> Xylene	0.32	30
<input type="checkbox"/> Carbon Disulfide	n/a	4.8	<input type="checkbox"/> 2-Nitropropane	INCIN	INCIN
<input type="checkbox"/> Cyclohexanone	n/a	0.75	<input type="checkbox"/> 2-Ethoxyethanol	INCIN	INCIN
<input type="checkbox"/> Methanol	n/a	0.75			

F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- Nickel and/or compounds (as Ni) LIMITS
≥134 mg/l
- Thallium and/or compounds (as Tl) ≥130 mg/l
- Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature:  Title: Engineer Date: 2/12/98

Page 2 of 2

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

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No FL 9170024567		Manifest Document No 108009		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000				A. State Manifest Document Number 09009		B. State Generator's ID			
4. Generator's Phone (850) 452-3900		6. US EPA ID Number ALD067138891		C. State Transporter's ID		D. Transporter's Phone 800/356-7457			
5. Transporter 1 Company Name Robbie D. Wood		7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address LWD, INC. Shar-Cal Road Calvert City, KY 42029				10. US EPA ID Number KYD985073196		G. State Facility's ID		H. Facility's Phone 502/395-8313	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
a. "RQ" Hazardous Waste Solid, n.o.s. (Lead) 9/NA3077/PG III (ERG#171)				0.01 C.M.		45380 75.630		P D008	
b.									
c.									
d.									
Additional Descriptions for Materials Listed Above a) SB896						K. Handling Codes for Wastes Listed Above a) M111			
15. Special Handling Instructions and Additional Information A.E.S., Inc. is this facility's hazardous waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911. 24HR Emergency #:412/486-0871 after hrs:412/427-4648 or 4629.									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Ken Loxton				Signature 				Month Day Year 10/21/79/8	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name Debra Bingham				Signature Debra Bingham				Month Day Year 10/21/79/8	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name Ken Riley				Signature Ken Riley				Month Day Year 10/21/87/8	

L W D, INC.

P O 8 0 X 3 2 7 • CALVERT CITY, KENTUCKY 42029
PH 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08009
LAD PC#(s) SB896 State Manifest Document No. 09009

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a)

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. Treatability Group
 Wastewater Non-Wastewater
2. U.S. EPA Hazardous Waste Codes (list all that apply) Subcategory (complete only if applicable)
D008 Lead Toxicity

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification
 I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

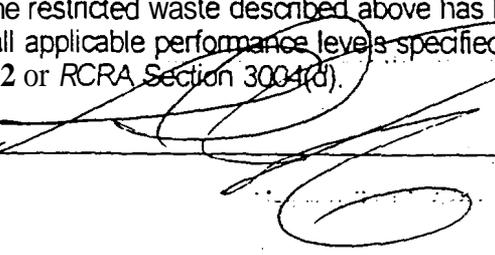
B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) >134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

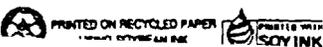
I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature:  Title: Environmental Health Engineer Date: 2/17/80

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

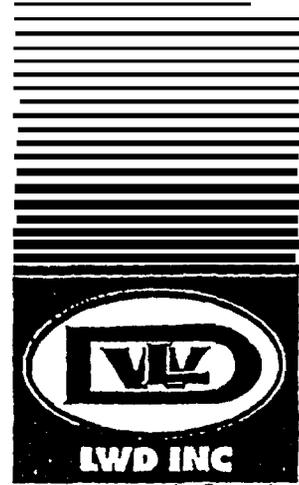
Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 9170024567108010		Manifest Document No. 108010		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address NAVAL AIR STATION 190 Radford Blvd. Pensacola, FL 32508-5000				A. State Manifest Document Number 09010		B. State Generator's ID							
4. Generator's Phone (850) 452-3900				6. US EPA ID Number ALD067136891		C. State Transporter's ID							
5. Transporter 1 Company Name Robbie D. Wood				8. US EPA ID Number		D. Transporter's Phone 800/356-7457							
7. Transporter 2 Company Name				10. US EPA ID Number		E. State Transporter's ID							
9. Designated Facility Name and Site Address LWD, INC. Shar-Cal Road Calvert City, KY 42029				10. US EPA ID Number KYD985073196		F. Transporter's Phone							
						G. State Facility's ID							
						H. Facility's Phone 502/395-8313							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. "RQ" Hazardous Waste Solid, n.o.s. (Load) 9/NA3077/PG III (ERG#171)						201 CM		45880		P		D008	
b.													
c.													
d.													
J. Additional Descriptions for Materials Listed Above a) 58896						K. Handling Codes for Wastes Listed Above a) M11							
15. Special Handling Instructions and Additional Information A.E.S., Inc. is this facility's hazardous waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911. 24HR Emergency #: 412/496-0871 after hrs: 412/427-4648 or 4629.													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.													
good faith effort to minimize													
Printed/Typed Name RUSSELL E BEL				Signature [Signature]				Month Day Year PR/15/78					
Printed/Typed Name L. H. HARRIS				Signature [Signature]				Month Day Year PR/15/78					
Printed/Typed Name				Signature				Month Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name Ken Kelly				Signature [Signature]				Month Day Year PR/15/78					



L W D, INC.

? O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08010
LWD PC#(s) SBBAL State Manifest Document No. 09010

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a)

The following waste(s), as specified below, is restricted under the land disposal restrictions and **must be** treated to (the applicable treatment standards set forth in 40 CFR 268.40.

1 Treatability Group
 Wastewater Non-Wastewater

2 U.S EPA Hazardous Waste Codes subcategory
(list all that apply) (complete only if applicable)
D008 Lead Toxicity

3 Notification of Underlying Hazardous Constituents. *This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and C012-43.*
All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.
 I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WW	NWW		WW	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B.) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section # is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) >134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature Russell E. Bell Title Haz. Waste Coord. Date 2/18/98

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL9170024537 Manifest Document No. 09011

2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

4. Generator's Phone (850) 452-3900 Pensacola, FL 32508-5000

A. State Manifest Document Number 09011

B. State Generator's ID

5. Transporter 1 Company Name Robbie D. Wood 6. US EPA ID Number ALD067138891

C. State Transporter's ID D. Transporter's Phone 800/356-7437

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

E. State Transporter's ID F. Transporter's Phone

9. Designated Facility Name and Site Address Calvert City, KY 42029 10. US EPA ID Number KYD985073196

G. State Facility's ID 502/395-8313

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol 15. Waste No.

	HM					
a.	X	"RQ" Hazardous Waste Solid, n.o.s. (Lead) 9/NA3077/PG III (ERG#171)	1	CM	44920	P D008
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above a) SBB96

K. Handling Codes for Wastes Listed Above a) M111

15. Special Handling Instructions and Additional Information A.E.S., Inc. is this facility's hazardous waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911. 24HR Emergency #:412/486-0871 after hrs:412/427-4648 or 4629.

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

Printed/Typed Name RUSSELL E. BELL

Signature Russell E. Bell Month Day Year 10/1/87

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name GENE PITTS

Signature Gene Pitts Month Day Year 12/1/87

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

Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name KEN RILEY

Signature Ken Riley Month Day Year 12/1/87

GENERATOR

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08011
LWD PC#(s) SB896 State Manifest Document No. 09011

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. Treatability Group
 Wastewater Non-Wastewater

2. U.S. EPA Hazardous Waste Codes (list all that apply) Subcategory (complete only if applicable)
D008 Lead Toxicity

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification
 I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)	F001-5 Spent Solvents	CCW (in mg/l)
	WWV___ NWW___		WWV___ NWW___
___ Acetone	0.28 160	___ Methanol	5.6 n/a
___ Benzene	0.14 10	___ Methylene Chloride	0.089 30
___ n-Butyl Alcohol	5.6 2.6	___ Methyl Ethyl Ketone	0.28 36
___ Carbon Disulfide	3.8 n/a	___ Methyl Isobutyl Ketone	0.14 33
___ Carbon Tetrachloride	0.057 6.0	___ Nitrobenzene	0.068 14
___ Chlorobenzene	0.057 6.0	___ Pyridine	0.014 16
___ Cresols(m- & p-isomers)	0.77 5.6	___ Tetrachloroethylene	0.056 6.0
___ o-Cresol	0.11 5.6	___ Toluene	0.080 10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88 11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057 30
___ Cyclohexanone	0.36 n/a	___ 1,1,1-Trichloroethane	0.054 6.0
___ o-Dichlorobenzene	0.088 6.0	___ 1,1,2-Trichloroethane	0.054 6.0
___ Ethyl Acetate	0.34 33	___ Trichloroethylene	0.054 6.0
___ Ethylbenzene	0.057 10	___ Trichloromono- fluoromethane	0.020 30
___ Ethyl Ether	0.12 160	___ Xylene	0.32 30
___ Isobutyl Alcohol	5.6 170		
	CCWE (in mg/l)		Technology Code
___ Carbon Disulfide	n/a 4.0	___ 2-Nitropropane	INCIN INCIN
___ Cyclohexanone	n/a 0.75	___ 2-Ethoxyethanol	INCIN INCIN
___ Methanol	n/a 0.75		

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B.) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature Russell E. Bell Title Haz Waste Coord. Date 2/18/98

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 9170024567	Manifest Document No. 108012	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.					
Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000				A. State Manifest Document Number 09012		B. State Generator's ID				
4. Generator's Phone (850) 452-3900		6. US EPA ID Number ALD067138891		C. State Transporter's ID		D. Transporter's Phone 800/356-7457				
5. Transporter 1 Company Name Robbie D. Wood		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone				
7. Transporter 2 Company Name		10. US EPA ID Number KYD985073196		G. State Facility's ID		H. Facility's Phone 502/395-8313				
9. Designated Facility Name and Site Address LWD, INC. Shar-Cal Road Calvert City, KY 42029				12. Containers No. Type		13. Total Quantity	14. Unit Wt/Vol	I. Waste No.		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				a. X "RQ" Hazardous Waste Solid, n.o.s. (Lead) 9/NA3077/PG III (ERG#171)		001	CM	44280	P	D008
J. Additional Descriptions for Materials Listed Above a) 56896				K. Handling Codes for Wastes Listed Above a) M111						
15. Special Handling Instructions and Additional Information A.E.S., Inc. is this facility's hazardous waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911. 24HR Emergency #:412/486-0871 after hrs:412/427-4648 or 4629.										
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name Russell E. Bell				Signature <i>Russell E. Bell</i>		Month Day Year 12/1/91				
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed/Typed Name Randy Hill				Signature <i>Randy Hill</i>		Month Day Year 12/1/91				
18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed/Typed Name				Signature		Month Day Year				
19. Discrepancy Indication Space										
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										
Printed/Typed Name Ken Riley				Signature <i>Ken Riley</i>		Month Day Year 12/1/91				

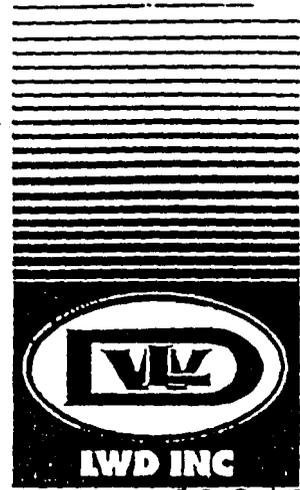
GENERATOR

TRANSPORTER

CITY

L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08012
LWD PC#(s) 53696 State Manifest Document No. 09012

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1 Treatability Group
 Wastewater Non-Wastewater

2 U S EPA Hazardous Waste Codes Subcategory
(list all that apply) (complete only if applicable)
D008 Lead Toxicity

3 Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non W A), D003 (Water Reactive or Explosives only), and C012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification
 I certify that no Underlying Hazardous Constituents are present in the waste.

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

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. FL 2170024557108013	Manifest Document No. 7108013	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
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Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000	A. State Manifest Document Number 09013
4. Generator's Phone () 452-3900	B. State Generator's ID

5. Transporter 1 Company Name Robbie D. Wood	6. USEPA ID Number ALD067138891	C. State Transporter's ID
7. Transporter 2 Company Name	8. US EPA ID Number	D. Transporter's Phone 800/356-7457
		E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address LWD, INC. Shar-Cal Road Calvert City, KY 42029	10. US EPA ID Number KYD935073196	G. State Facility's ID
		H. Facility's Phone 502/395-8313

GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
		No.	Type			
a.	"RQ" Hazardous waste Solid, n.o.s. (Lead) 9/NA3077/PC III (ERG#171)	001	CM	47200	P	D008
b.						
c.						
d.						

Additional Descriptions for Materials Listed Above a) S B896	K. Handling Codes for Wastes Listed Above a) M111
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15. Special Handling Instructions and Additional Information A.E.S., Inc. is this facility's hazardous waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911. 24HR Emergency #: 412/486-0871 after hrs: 412/427-4648 or 4629.

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

Printed/Typed Name Russell E. Hill	Signature <i>Russell E Hill</i>	Month Day Year 12/11/96
---------------------------------------	------------------------------------	----------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials	Printed/Typed Name Thomas L. ...	Signature <i>Thomas L. ...</i>	Month Day Year
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18. Transporter 2 Acknowledgement of Receipt of Materials	Printed/Typed Name	Signature	Month Day Year
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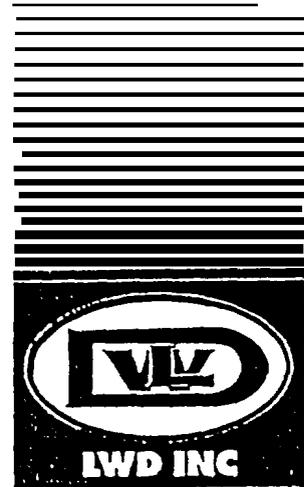
19. Discrepancy Indication Space

Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.	Printed/Typed Name Ken Kelley	Signature <i>Ken Kelley</i>	Month Day Year 12/11/96
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L W D, INC.

? O BOX 327 • CALVERT CITY, KENTUCKY 42029
PH . 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08013
LWD PC#(s) S15846 State Manifest Document No. 09013

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a)

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1 Treatability Group
Wastewater Non-Wastewater

U S EPA Hazardous Waste Codes
(list all that apply)

Subcategory
(complete only if applicable)

D008 Lead Toxic

3 Notification of Underlying Hazardous Constituents This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification
 I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for Mi& applicable treatment standards, must be listed completely:

A)

F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WW	NWW		WW	NWW
<input type="checkbox"/> Acetone	0.28	160	<input type="checkbox"/> Methanol	5.6	n/a
<input type="checkbox"/> Benzene	0.14	10	<input type="checkbox"/> Methylene Chloride	0.089	30
<input type="checkbox"/> n-Butyl Alcohol	5.6	2.6	<input type="checkbox"/> Methyl Ethyl Ketone	0.28	36
<input type="checkbox"/> Carbon Disulfide	3.8	n/a	<input type="checkbox"/> Methyl Isobutyl Ketone	0.14	33
<input type="checkbox"/> Carbon Tetrachloride	0.057	6.0	<input type="checkbox"/> Nitrobenzene	0.068	14
<input type="checkbox"/> Chlorobenzene	0.057	6.0	<input type="checkbox"/> Pyridine	0.014	16
<input type="checkbox"/> Cresols(m- & p-isomers)	0.77	5.6	<input type="checkbox"/> Tetrachloroethylene	0.056	6.0
<input type="checkbox"/> o-Cresol	0.11	5.6	<input type="checkbox"/> Toluene	0.080	10
<input type="checkbox"/> Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	<input type="checkbox"/> 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
<input type="checkbox"/> Cyclohexanone	0.36	n/a	<input type="checkbox"/> 1,1,1-Trichloroethane	0.054	6.0
<input type="checkbox"/> o-Dichlorobenzene	0.088	6.0	<input type="checkbox"/> 1,1,2-Trichloroethane	0.0%	6.0
<input type="checkbox"/> Ethyl Acetate	0.34	33	<input type="checkbox"/> Trichloroethylene	0.054	6.0
<input type="checkbox"/> Ethylbenzene	0.057	10	<input type="checkbox"/> Trichloromono- fluoromethane	0.020	30
<input type="checkbox"/> Ethyl Ether	0.12	160	<input type="checkbox"/> Xylene	0.32	30
<input type="checkbox"/> Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
<input type="checkbox"/> Carbon Disulfide	n/a	4.8	<input type="checkbox"/> 2-Nitropropane	INCIN	INCIN
<input type="checkbox"/> Cyclohexanone	n/a	0.75	<input type="checkbox"/> 2-Ethoxyethanol	INCIN	INCIN
<input type="checkbox"/> Methanol	n/a	0.75			

F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

E.) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section # is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- | | |
|--|-----------|
| <input type="checkbox"/> Nickel and/or compounds (as Ni) | LIMITS |
| <input type="checkbox"/> Thallium and/or compounds (as Tl) | ≥134 mg/l |
| <input type="checkbox"/> Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. | ≥130 mg/l |

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

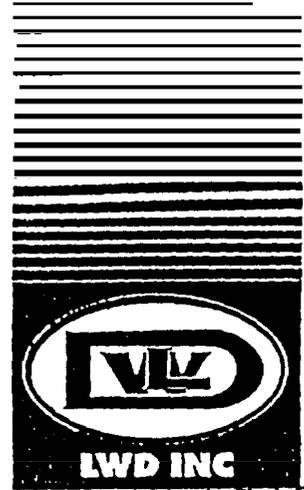
Signature Russell E Bell Title Haz Waste Coord. Date 2/18/98

54

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 0170024557		Manifest Document No. 08014		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address FURNACE AIR STATION 150 Radford Blvd. Pensacola, FL 32508-5000				A. State Manifest Document Number 09014		B. State Generator's ID				
4. Generator's Phone (850) 452-3900				5. Transporter 1 Company Name Robbie D. Wood		6. US EPA ID Number ALD057133491		C. State Transporter's ID		
7. Transporter 2 Company Name				8. US EPA ID Number		E. State Transporter's ID		D. Transporter's Phone 800/356-7457		
9. Designated Facility Name and Site Address GWD, INC. Shar-Cal Road Calvert City, KY 42029				10. US EPA ID Number KYD985073196		F. Transporter's Phone		G. State Facility's ID		
						H. Facility's Phone 502/395-8313				
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.
a. "RQ" Hazardous Waste Solid, n.o.s. (Lead) 9/NA3077/PG III (ERG#171)				001 CM		47480		P		D008
b.										
c.										
d.										
J. Additional Descriptions for Materials Listed Above a) 53B9C						K. Handling Codes for Wastes Listed Above a) M111				
15. Special Handling Instructions and Additional Information A.E.S., Inc. is this facility's hazardous waste contractor. Routs all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911. 24HR Emergency #: 412/486-0871 after hrs 412/427-4648 or 4629.										
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name Russell E. Bell				Signature <i>Russell E. Bell</i>				Month Day Year 10/1/84		
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed/Typed Name Glen R. Rozier				Signature <i>Glen R. Rozier</i>				Month Day Year 10/1/84		
18. Transporter 2 Acknowledgement of Receipt of Materials										
Printed/Typed Name				Signature				Month Day Year		
19. Discrepancy Indication Space										
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										
Printed/Typed Name Ken Riley				Signature <i>Ken Riley</i>				Month Day Year 10/1/84		

L W D, INC.

P O BOX 327 • CALVERT CITY, KENTUCKY 42029
PH 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08014
LWD PC#(s) 58896 State Manifest Document No. 09014

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1 Treatability Group
 Wastewater Non-Wastewater

2 U S EPA Hazardous Waste Codes Subcategory
(list all that apply) (complete only if applicable)
D008 Lead Toxicity

3 Notification of Underlying Hazardous Constituents This requirement applies to F039, D001 (other than wastes treated by CMBST), 0002 (non CWA), D003 (Water Reactive or Explosives only), and CO12-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification
 I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A.) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	60
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Add)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	60
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	60
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	60
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- | | |
|---|-----------|
| ___ Nickel and/or compounds (as Ni) | LIMITS |
| ___ Thallium and/or compounds (as Tl) | ≥134 mg/l |
| ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. | ≥130 mg/l |

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature

Russell E. Bell

Title

HAC WASTE COOK

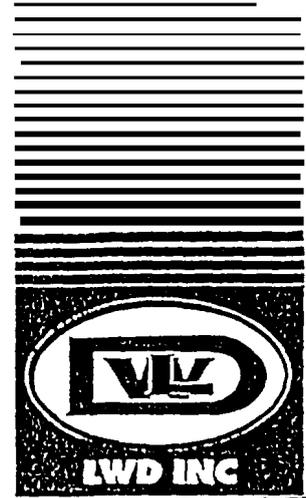
Date

2/18/98

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 9170024567	Manifest Document No. K8015	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000			A. State Manifest Document Number 09015		B. State Generator's ID	
4. Generator's Phone (850) 452-3900		6. USEPA ID Number AL0067138891		C. State Transporter's ID		D. Transporter's Phone 800/356-7457
5. Transporter 1 Company Name Robbie D. Wood		8. USEPA ID Number		E. State Transporter's ID		F. Transporter's Phone
7. Transporter 2 Company Name		10. USEPA ID Number KY0095073196		G. State Facility's ID		H. Facility's Phone 502/395-8313
9. Designated Facility Name and Site Address LTD, INC. Shar-Cal Road Calvert City, KY 42029			11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No. Type	13. Total Quantity
			a. "RQ" Hazardous Waste Solid, n.o.s. (Lead) 9/WA3077/PG III (ERG#171)		0 0 1 C M	45760
			b.			
			c.			
			d.			
Additional Descriptions for Materials Listed Above a) SB396			K. Handling Codes for Wastes Listed Above a) M11 / T12			
15. Special Handling Instructions and Additional Information A.E.S., Inc. is this facility's hazardous waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911. 24HR Emergency #: 412/426-0871 after hrs: 412/427-4649 or 4529.						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name			Signature		Month Day Year 12/20/92	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Month Day Year 12/21/92	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Month Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name KEN KILEY			Signature Ken Kiley		Month Day Year 02/21/93	

L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
TEL: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08015
LWD ID#(s) _____ State Manifest Document No. 09015

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a)

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

Treatability Group

Wastewater

Non-Wastewater

U.S. EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

Notification of Underlying Hazardous Constituents. This requirement applies to F039, Coo? (other than wastes treated by CMBST), D002 (non CWA), COO3 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification

I certify that: no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WW	NWW		WW	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	35
___ Carbon Disulfide	3.0	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.058	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cydonexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.0	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature [Signature] Title ENVIRONMENTAL ENGINEER Date 2/20/98

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **FL 9170024557** Manifest Document No. **108016**

2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
**Naval Air Station
 190 Radford Blvd.
 Pensacola, FC 32508-5000**

A. State Manifest Document Number
09016

4. Generator's Phone (**850**) **452-3900**

B. State Generator's ID

5. Transporter 1 Company Name
Robbie D. Wood

6. USEPA ID Number
ALDC67138891

C. State Transporter's ID

D. Transporter's Phone **800/350-1457**

7. Transporter 2 Company Name

8. USEPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
**LWD, INC.
 Shar-Cal Road
 Calvert City, KY 42029**

10. USEPA ID Number
KYD985073196

G. State Facility's ID

H. Facility's Phone
502/395-8313

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol 15. Waste No.

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a.	"RQ" Hazardous Waste Solid, n.o.s. (Lead) 9/NA3077/PG III (ERG#171)	3	01 CM	4.70.60	P	D008
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above
a) SBB96

K. Handling Codes for Wastes Listed Above
a) M11 / T22

15. Special Handling Instructions and Additional Information **A.E.S., Inc. is this facility's hazardous waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911. 24HR Emergency #:412/486-0871 after hrs:412/427-4648 or 4629.**

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

Printed/Typed Name _____ Signature _____ Month Day Year **12 21 92**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **Debra Binkley** Signature **Debra Binkley** Month Day Year **12 21 92**

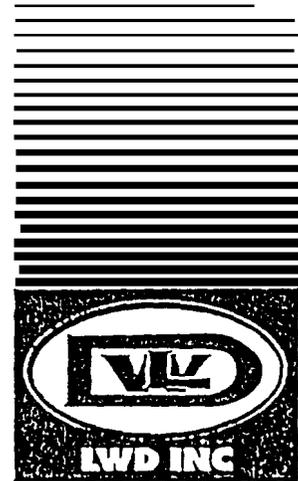
18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month Day Year _____

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19:
 Printed/Typed Name **Ken Kelley** Signature **Ken Kelley** Month Day Year **12 21 92**

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
Ph: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08016
LWD PC#(s) _____ State Manifest Document No. 09016

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

Treatability Group

Wastewater Non-Wastewater

U.S. EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

3 Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below:

F001-5 Scent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WW	NWW		WW	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.0%	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)		Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN INCIN
___ Methanol	n/a	0.75		

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

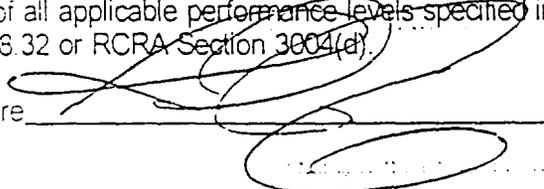
B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
>134 mg/l
- ___ Thallium and/or compounds (as Tl) ≥130 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature  Title Environmental Director Date 2/20/98

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID NO. **FL917002456708017**
 Manifest Document No. **08017**

2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
**Naval Air Station
 190 Radford Blvd.
 Pensacola, FL 32508-5000**

A. Stat Manlf Number
 B. State Generator's ID

4. Generator's Phone (**850**) **452 3900**

5. Transporter 1 Company Name **Robbie D. Wood**
 6. US EPA ID Number **ALD007138391**

C. State Transporter's ID
 D. Transporter's Phone **800/356-7457**

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

E. State Transporter's ID
 F. Transporter's Phone

9. Designated Facility Name and Site Address
**UNO, INC.
 Shar-Cal Road
 Calvert City, KY 42029**

G. State Facility's ID
 H. Facility's Phone **502/395-3313**

GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
	HM		No.	Type			
a.	X	"RC" Hazardous Waste Solid, n.o.s. (Lead) 9/NA3077, PG III (ERG#171)	001	CM	48080	P	D006
b.							
c.							
d.							

J. Additional Descriptions for Materials Listed Above
 1) **SBB96**

K. Handling Codes for Wastes Listed Above
 a) **H111 / T22**

Special Handling Instructions and Additional Information A. E. S. is this haza waste contractor to all and on to: A.E.S., Inc. 51 Royal Blvd. #210 son Park FA 151 In case of release of terial contact National Response Center and 911. HIR Emergency #: 41 /486-08 after 2/4 48 or 4529.

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

Printed/Typed Name **[Signature]** Signature **[Signature]** Month Day Year **02 23 92**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **Tommy Boatright** Signature **[Signature]** Month Day Year **02 23 92**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name **KIRBY CHEMURONT** Signature **[Signature]** Month Day Year **02 23 92**

19. Discrepancy Indication Space
0

Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19:
 Printed/Typed Name **KIRBY CHEMURONT** Signature **[Signature]** Month Day Year **02 23 92**



L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
PH: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08017
LAD PC#s: _____ State Manifest Document No. 09017

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a)

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40

Treatability Group

Wastewater

Non-Wastewater

U.S. EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes regulated by-CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WWV	NWW		WWV	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	E.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)			Technology Code	
	n/a			INCIN	INCIN
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 269.32 or RCRA Section 3004(d).

Signature _____

Title _____

Date _____

42

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No FL 9170024357	Document No. 108018	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
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3. Generator's Name and Mailing Address Naval Air Station 190 Padford Blvd. Pensacola, FL 32508-5000	A. State Manifest Document Number 09018
4. Generator's Phone (850) 452-3900	B. State Generator's ID

5. Transporter 1 Company Name Robbie D. Wood	6. US EPA ID Number A.L.D. 0.6.7.1.3.8.9.1	C. State Transporter's ID
7. Transporter 2 Company Name	8. USEPA ID Number	D. Transporter's Phone 800/356-7457
9. Designated Facility Name and Site Address LWD, INC. Shar-Cal Road	10. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
		G. State Facility's ID
		H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
	No.	Type			
a. <input checked="" type="checkbox"/> "RQ" Hazardous Waste Solid, n.o.s. (Lead) 9/NA3077/PG III (ERG#171)	0.01	CM	4670.0	P	DD008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above a) 50896	K. Handling Codes for Wastes Listed Above a) M11 / T22
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15. Special Handling Instructions and Additional Information A.E.S., Inc. is this facility's hazardous waste contractor. Route all billing and correspondence to: A.E.S., Inc. 4068 Mt. Royal Blvd. #210 Allison Park, PA 15101. In case of release of material contact National Response Center and 911. 24HR Emergency #: 412/486-0871 after hrs: 412/427-4648 or 4529.

16. GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by

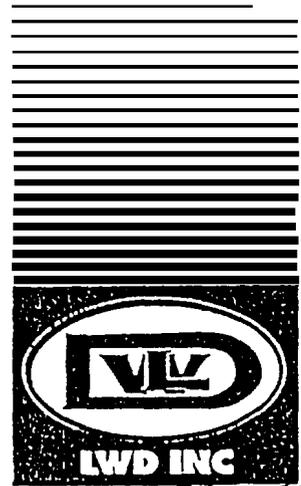
Printed/Typed Name L. J. ...	Signature <i>[Signature]</i>	Month Day Year 02 20 98
Printed/Typed Name Sandra H. ...	Signature <i>[Signature]</i>	Month Day Year 02 20 98
Printed/Typed Name	Signature	Month Day Year

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

Printed/Typed Name Ken Kelly	Signature <i>[Signature]</i>	Month Day Year 02 23 98
---------------------------------	---------------------------------	----------------------------

L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
PH 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08018
LWD PC#(s) _____ State Manifest Document No. 09018

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

Treatability Group
 Wastewater Non-Wastewater

U.S. EPA Hazardous Waste Codes (list all that apply)	Subcategory (complete only if applicable)
<u>D008</u>	<u>Lead Toxicity</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and W12-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.
 I certify that no Underlying Hazardous Constituents are present in the waste.

4. Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F004-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	35
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro-1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono-fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)		Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN INCIN
___ Methanol	n/a	0.75		

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

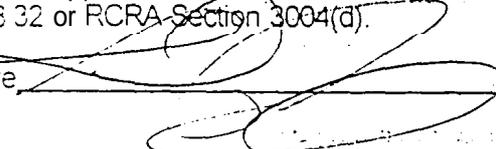
B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- | | |
|---|-----------|
| ___ Nickel and/or compounds (as Ni) | LIMITS |
| ___ Thallium and/or compounds (as Tl) | ≥134 mg/l |
| ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. | ≥130 mg/l |

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature:  Title: Environmental Engineer Date: 2/20/88

Trailer 5 43

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's USEPA ID No. FL917002456798019	Manifest Document No. 198019	2. Page 1 of 1	Information in the shaded areas is not required by federal law.	
Generator's Name and Mailing Address Aerial Air Station 190 Radford Blvd Kensington, Pa 32508-5001				A. State Manifest Document Number 09019		
4. Generator's Phone (877) 452-3900				8. State Generator's ID		
5. Transporter 1 Company Name Lobbie D. Wood		6. US EPA ID Number ALD067138891		C. State Transporter's ID		
7. Transporter 2 Company Name		8. USEPA ID Number		D. Transporter's Phone 800 356 7957		
9. Designated Facility Name and Site Address LWD, Inc. 1637 Star Cal Rd Caldwell City, KY 42029		10. US EPA ID Number KYD985073196		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 502 395-8313		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. X "10" Hazardous Waste, Solid, n.o.s. (Lead) 9/NA3077/III (ERG#171)			No. Type	001CM47200 P		0008
b.						
c.						
d.						
Additional Descriptions for Materials Listed Above SBB96				K. Handling Codes for Wastes Listed Above MIII/T22		
15. Special Handling Instructions and Additional Information AES is this facility's hazardous waste contractor. Please route all bills and correspondence to: AES Inc 4068 Mt Pleasant Blvd #210, Allison Park Pa 15101. In the event of a spill or release of hazardous material, contact National Response Center and call the nearest Emergency Response information: 24 Hr toll-free 1-800-424-6871 or AES 712 466 0871 or After hours 412 427 4698 or 4629.						
16. GENERATOR CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Ken Kelly			Signature Ken Kelly		Month Day Year 10/21/96	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name C C HOLT			Signature C C Holt		Month Day Year 10/21/96	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name OLIVER NANCE JR			Signature Oliver Nance Jr		Month Day Year 10/21/96	
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Ken Kelly			Signature Ken Kelly		Month Day Year 10/21/96	

GENERATOR

TRANSPORTER

FACILITY

L W D, INC.

SOX 327 • CALVERT CITY, KENTUCKY 42029
PH: 502-395-8313 FAX: 502-395-8153

LAND RESTRICTION NOTIFICATION FORM



Generator Name Naval Air Station Manifest Document No. 08019
LWD PC#(s) _____ State Manifest Document No. 09019

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

Treatability Group

Wastewater

Non-Wastewater

U S EPA Hazardous Waste Codes

(list all that apply)

0008

Subcategory

(complete only if applicable)

Lead Toxicity

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

certify that no Underlying Hazardous Constituents are present in the waste.

~~DO#~~
~~DRMO~~

4. Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Scent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromthane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cydonexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

E) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in 268.32 or RCRA Section 3004(d).

Signature 

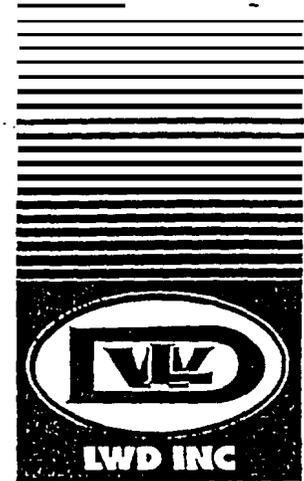
Title Environmental Engineer Date 2/20/90

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL9170024567	Manifest Document No. 08020	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000				A. State Manifest Document Number 09020		
4. Generator's Phone (850) 452-3000				8. State Generator's ID		
5. Transporter 1 Company Name Robbie D. Wood		6. US EPA ID Number AL0067138891		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-356-7457		
9. Designated Facility Name and Site Address LWD, Inc. 1637 Shar Cal Road Calvert City, KY 42029		10. US EPA ID Number KYD985073196		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 502-395-8313		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a.	"RQ" Hazardous Waste, Solid, n.o.s. (Lead) 97NA3077/111 (ERG 171)		001	CM 48720	P	D888
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above 58896				K. Handling Codes for Wastes Listed Above M111 / T22		
15. Special Handling Instructions and Additional Information A.E.S. Inc is this facility's hazardous waste contractor. Please route all billing and correspondence to A.E.S., Inc, 4058 Mt. Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24 hr emergency number: AES 412-486-0871 or after hours 412-427-4648 or 4629.						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edward J. Connolly		Signature <i>[Signature]</i>		Month Day Year 10/23/95		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name L. B. K...		Signature <i>[Signature]</i>		Month Day Year 10/23/95		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Edward J. Connolly		Signature <i>[Signature]</i>		Month Day Year 10/23/95		



L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH. 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08020

LWD PC#(s) _____ State Manifest Document No. 09020

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

Treatability Group

Wastewater

Non-Wastewater

U.S. EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA#s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and **mark** the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)			Technology Code	
	VWV	NWV		INCIN	INCIN
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Ethanol	n/a	0.75			

___ F001-5 Spent Solvents: **Pharmaceutical** industry wastewater subcategory methylene chloride: 0.44 mg/l

B.) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

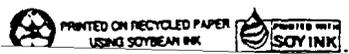
The waste identified in W o n 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- | | |
|---|-----------|
| ___ Nickel and/or compounds (as Ni) | LIMITS |
| ___ Thallium and/or compounds (as Tl) | ≥134 mg/l |
| ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. | ≥130 mg/l |

I hereby certify that all information submitted is complete and accurate, to the *best of my knowledge* and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

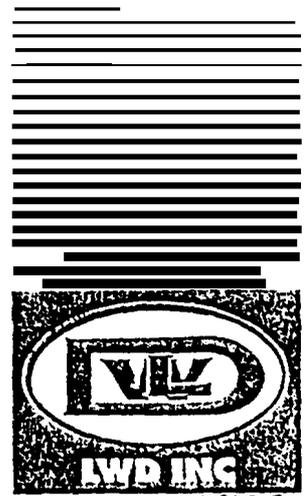
Signature [Signature] Title NAS - Pensacola HW Manager Date 2/23/98

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 9170024567	Manifest Document No. 108021	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Naval Air Station 190 Redford Blvd. Pensacola, FL 32508-5000				A. State Manifest Document Number 09021		
4. Generator's Phone (850) 452-3900				B. State Generator's ID		
5. Transporter 1 Company Name Robbie D. Wood		6. US EPA ID Number A 0 0 6 7 1 3 8 8 9 1		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-356-7457		
9. Designated Facility Name and Site Address 1837 1637 Shar Cal Road Calvert City, KY 42029		10. US EPA ID Number K Y D 9 8 5 0 7 3 1 9 6		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 502-395-8313		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol
				No.	Type	Waste No.
a.	"RQ" Hazardous Waste, Solid, n.o.s. (Lead) 9/NA3077/III			0 0 1	CM	47060 P D008
b.						
c.						
d.						
15. Additional Descriptions for Materials Listed Above SBB96				K. Handling Codes for Wastes Listed Above M111/T22		
15. Special Handling Instructions and Additional Information A.E.S. Inc is this facility's hazardous waste contractor. Please see all billing and correspondence to: A.E.S. Inc, 4068 Mt. Royal Blvd #210, Alliston Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has emergency response information. 24 hour emergency number: AFS 412-426-0971 or after hours 412-427-4548 or 4629.						
16. GENERATORS CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford. 2-23-98						
Printed/Typed Name Charles H. Hawkins Ed Oxwell		Signature Charles H. Hawkins Ed Oxwell		Month Day Year 10/2/23/98		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Charles H. Hawkins		Signature Charles H. Hawkins		Month Day Year 10/2/23/98		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Ken K. [unclear]		Signature Ken K. [unclear]		Month Day Year 10/2/24/18		



L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08021

LWD PC#(s) _____ State Manifest Document No. 09021

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40

Treatability Group

Wastewater

Non-Wastewater

U.S. EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), C002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.060	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro-1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono-fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	33
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).

Signature: Quarrell Cornell Title: NASP-Enviro Date: 2/23/98

Load no 65907

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

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 917002455708023	Manifest Document No. 708023	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000				A. State Manifest Document Number 09022			
4. Generator Phone (850) 452-3900				B. State Generator's ID			
5. Transporter 1 Company Name Robbie D. Wood		6. US EPA ID Number ALD067138391		C. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-356-7457			
9. Designated Facility Name and Site Address LFD, Inc. 1837 1637 Shar Cal Road Calvert City, KY 42049		10. US EPA ID Number KYD985073196		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility's ID			
				H. Facility's Phone 502-395-8313			
GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	Type	13. Total Quantity	14. Unit W/Vol	15. Waste No.
	a.	X "RC" Hazardous Waste, Solid, n.o.s. (Lead) 9/NA3077/III (ERG#171)	001	CM	49080	P	D008
	b.						
	c.						
	d.						
J. Additional Descriptions for Materials Listed Above SBA90				K. Handling Codes for Wastes Listed Above M11/T22			
15. Special Handling Instructions and Additional Information A.E.S. Inc. is this facility's hazardous waste contractor. Please route all mailing and correspondence to A.E.S. Inc., 4068 Mt. Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24 hr emergency number A.E.S. 412-497-0871 or after hours 412-427-4648 to 4629.							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name Edward J. Condit		Signature <i>Edward J. Condit</i>		Month Day Year 12 2 95			
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials						
	Printed/Typed Name Tommy Boatright		Signature <i>Tommy Boatright</i>		Month Day Year 12 2 95		
	18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name <i>W. J. M. Love</i>		Signature <i>W. J. M. Love</i>		Month Day Year 12 2 95			
19. Discrepancy Indication Space							
FACILITY	20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
	Printed/Typed Name Ken Keefe		Signature <i>Ken Keefe</i>		Month Day Year 12 2 95		

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08022
LWD POC(s): _____ State Manifest Document No. _____ % _____

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The LID(s) listed below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40

Treatability Group

Wastewater

Non-Wastewater

U.S. EPA Hazardous Waste Codes

(list all that apply)

D008

Sub-category

(complete only if applicable)

Lead Toxicity

Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards

specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

0513

110

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **FL 9170024567108023** Manifest Document No. **108023**

2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address **Naval Air Station
130 Radford Blvd.
Pensacola, FL 32508-7000**

A. State Manifest Document Number **09023**

4. Generator's Phone (850) 452-3900

8. State Generator's ID

5. Transporter 1 Company Name

C. State Transporter's ID

6. USEPA ID Number

7. Transporter 2 Company Name

E. State Transporter's ID

8. USEPA ID Number

F. Transporter's Phone

9. Designated Facility Name and Site Address **LND, Inc.
18371637 Shar Cal Road
Calvert City, KY 42029**

G. State Facility's ID

10. USEPA ID Number **KY 0985073196**

H. Facility's Phone **502-395-8313**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
	No.	Type			
<input checked="" type="checkbox"/> "RQ" Hazardous Waste, Solid, n.o.s. (Lead) 9/NA3077/III (ERG#171)	001	CM	47160 Exp 2-23-96 46700	P	D008

I. Additional Descriptions for Materials Listed Above
SBB96

K. Handling Codes for Wastes Listed Above
M111 / T22

5. Special Handling Instructions and Additional Information **A.E.S. Inc. is this facility's hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc, 4068 Mt. Royal Blvd #210, Allison Park, PA 15101. In the case of a spill or release of hazardous material, contact National Response Center and 911. The driver has emergency response information. 24 hr emergency number A.E.S. 412-495-0871 or after hrs 412-427-4646 or 452**

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

Printed/Typed Name **Edward J C Connell** Signature *Edward J C Connell* Month Day Year **0120 2 915**

7. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name **LANCE MYRICK** Signature *Lance Myrick* Month Day Year **0120 3 18**

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

19. Discrepancy Indication Space

10. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest, except as noted in Item 19.
Printed/Typed Name **KENNETH R. KELLY** Signature *K. Kelly* Month Day Year **0120 2 17**

L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
TEL 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08023
LAD PC#(s) _____ State Manifest Document No. 09023

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and **must be** treated to the appropriate treatment standards set forth in 40 CFR 268.40.

Treatability Group

Wastewater

Non-Wastewater

U.S. EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

Aj F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WW	NWW		WW	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)				Technology Code
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane		INCIN INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol		INCIN INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni)
- ___ Thallium and/or compounds (as Tl)
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.

LIMITS
>134 mg/l
≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA W o n 3004(d).

Signature Edward J. O'Connell Title HAZP-Engineer Date 2/23/98

12-100

54812

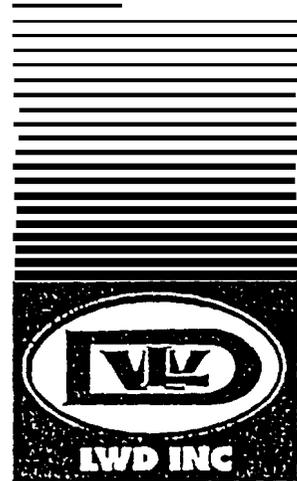
Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 9170024567	Manifest Document No. 08024	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000			A. State Manifest Document Number 09024		B. State Generator's ID	
4. Generator's Phone (850) 452-3900		6. US EPA ID Number ALD057138891		C. State Transporter's ID		D. Transporter's Phone 800-356-7457
5. Transporter 1 Company Name Robbie D. Wood		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone
7. Transporter 2 Company Name		10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone
9. Designated Facility Name and Site Address LEI, Inc. 16571637 Shar Can Road Calvert City, KY 42029			KY 3935073196		502-395-8313	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					12. Containers No.	13. Total Quantity
a. "PQ" Hazardous Waste, Solid, n.o.s. (Lead) 9/NA3077/III (EPG#171)					Type 001CM	Unit 46840
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above SBB96					K. Handling Codes for Wastes Listed Above M111/T22	
15. Special Handling Instructions and Additional Information A.E.S. Inc is this facility's hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc, 4068 Mt. Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has emergency response information. 24 hour emergency number: A.E.S. 412-45-0371 or after hrs 412-427-4548 or 4520.						
16. GENERATORS CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edward J O'Connell			Signature <i>Edward J O'Connell</i>		Month Day Year 10/22/95	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name <i>Robert J. ...</i>			Signature <i>Robert J. ...</i>		Month Day Year 10/22/95	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Month Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name KEN RILEY			Signature <i>Ken Riley</i>		Month Day Year 10/22/95	

L W D, INC.

PO BOX 327 • CALVERT CITY, KENTUCKY 42029
PH : 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08024
State Manifest Document No. 09024

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

Treatability Group

Wastewater

Non-Wastewater

U S EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), C003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents
 If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, **check** all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WW	NWW		WW	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols (m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromthane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes
 Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.
 The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
≥134 mg/l
- ___ Thallium and/or compounds (as Tl) ≥130 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3064(d).

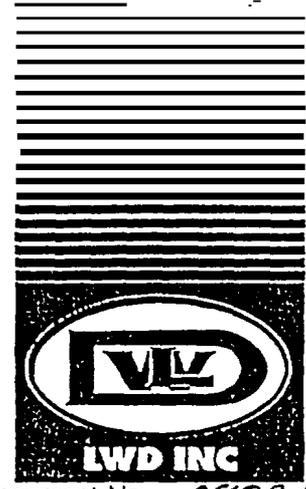
Signature: [Signature] Title: NASP-Enviro Date: 2/23/98

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 9170024567108025	Manifest Document No. 708025	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
Generator's Name and Mailing Address Naval Air Station 140 Radford Blvd. Pensacola, FL 32508-5000			A. State Manifest Document Number 09025		8. State Generator's ID
4. Generator's Phone (850) 452-3900		6. US EPA ID Number ALD06713889		C. State Transporter's ID	
5. Transporter 1 Company Name Robbie D. Wood		8. US EPA ID Number		D. Transporter's Phone 800-356-7457	
7. Transporter 2 Company Name		10. US EPA ID Number		E. State Transporter's ID	
9. Designated Facility Name and Site Address LMD, Inc. 1637 Shar Cal Road Calvert City, KY 47029		11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) "RO" Hazardous Waste, Solid, n.o.s. (Lead) 9/NA3077/III (ERG#171)		F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone : 502-395-8313	
				I. Waste No. D008	
Additional Descriptions for Materials Listed Above 4BB96			K. Handling Codes for Wastes Listed Above M111/T22		
15. Special Handling Instructions and Additional Information A.E.S. Inc. is this facility's hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc., 4068 Mt. Royal Blvd #210, Allison Park PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24 Hour emergency number: A.E.S. 412-266-0271 or after hrs 412-427-4548 or 4529.					
16. GENERATORS CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford					
Printed/Typed Name Jason Kelly		Signature <i>Jason M Kelly</i>		Month Day Year 02/24/98	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Jas-A W. Fowler		Signature <i>Jas-A W Fowler</i>		Month Day Year 02/24/98	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Jason Kelly		Signature <i>Jason M Kelly</i>		Month Day Year 02/24/98	

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH. 552-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08025
LAD PCN(s) _____ State Manifest Document No. 09025

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

Treatability Group

Wastewater Non-Wastewater

US EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for Mi& applicable treatment standards, must be listed completely:

A.j F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section I is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total Concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature Jason M. Kelly Title Env. Prot Asst Date 02-24-98

54896

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. F 3 1 7 0 0 2 4 5 6 7 0 8 0 2 5	Manifest Document No. 0 8 0 2 5	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000			A. State Manifest Document Number 09026		B. State Generator's ID	
4. Generator's Phone (950) 452-3900			6. US EPA ID Number A. L. D. 0 5 7 1 3 8 E, 9 1		C. State Transporter's ID	
5. Transporter 1 Company Name Robbie D. Wood		7. Transporter 2 Company Name		D. Transporter's Phone 800-356-7457		E. State Transporter's ID
9. Designated Facility Name and Site Address LWD, INC. 1837 1537 Shar Cal Rd. Calvert City, KY 42029			10. US EPA ID Number K Y D 9 8 5 0 7 3 I 9 6		G. State Facility's ID	
			H. Facility Phone 502-395-8313			
11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	13. Total Quantity	Unit	Waste No.	
a. "RQ" Hazardous Waste, Solid n.o.s. (Lead) X 9/NA3077/III (ERG#171)		0 0 1	4 5 3 2 0	CM	P	D008
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above SBB96				K. Handling Codes for Wastes Listed Above M III / T 2 2		
15. Special Handling Instructions and Additional Information A.L.D. INC is this facility's hazardous waste generator. Please route all mailing and correspondence to A.L.S. Inc, 4068 Mt. Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24 hr emergency number : A.F.S. 412-476-0877 or after hrs 412-477-4643 or 4629.						
16. GENERATORS CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edward J. Conroy		Signature Edward J. Conroy		Month Day Year 1 2 2 5 7 8		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name David M. Bridgeman		Signature David M. Bridgeman		Month Day Year 1 0 2 2 5 7 8		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19:						
Printed/Typed Name KEN KELLY		Signature Ken Kelly		Month Day Year 1 5 2 2 5 7 8		

L W D, INC.

P.O. VEFT CITY, KENTUCKY 42029
PH.: FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Public Works Center, Pensacola Manifest Document No. 08026
LWD PC#(s) 58896 State Manifest Document No. _____

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR X0.40.

1. Treatability Group
 Wastewater Non-Wastewater

2. U.S. EPA Hazardous Waste Codes (list all that apply)	Subcategory (complete only if applicable)
<u>D008</u>	<u>N/A</u>
_____	_____
_____	_____
_____	_____
_____	_____

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other ~ a wastes treated by CMBST), D002, D012-43.
All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, *must be* listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste **must be** treated at least to levels specified below:

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WWV___	NWWV___		WWV___	NWWV___
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromthane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

6.) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

___ Nickel and/or compounds (as Ni)	LIMITS
___ Thallium and/or compounds (as Tl)	≥134 mg/l
___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.	≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Pan 268 32 or RCRA Section 3004(d).

Signature Edward J. O'Connell Title ESA - NASP Date 2/25/98

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. F 5 9 1 7 0 0 2 4 5 6 7	Manifest Document No. 0 8 0 2 7	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address Naval Air Station 120 Radford Blvd. Panama City, FL 32508-5000				A. State Manifest Document Number 09027		B. State Generator's ID	
4. Generator's Phone (850) 452-3900		6. US EPA ID Number A L D 0 6 7 1 3 8 6 9 1		C. State Transporter's ID		D. Transporter's Phone - 356-7457	
5. Transporter 1 Company Name Robbie D. Wood		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
7. Transporter 2 Company Name		10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone 502-395-8313	
9. Designated Facility Name and Site Address LWD, Inc. 1637 1637 5th Cal. Rd. Calvert City, KY 42029		11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. <input checked="" type="checkbox"/> RM "RQ" Hazardous Waste, Solid, n.o.s. (Lead) 9/NA3077/III (EPC#171)		0 0 1	CM	4 7 1 3 0	P		D008
b.							
c.							
d.							
J. Additional Descriptions for Materials Listed Above SBB96				K. Handling Codes for Wastes Listed Above M111/T22			
15. Special Handling Instructions and Additional Information A.E.S. Inc is this facility's hazardous waste contractor. Please route billing and correspondence to: A.E.S. Inc, 4056 W. Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24-hr emergency information: A.E.S. 412-436-8871 or after hrs 412-427-4848 or 4629.							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name Edward J. Kennell				Signature <i>Edward J. Kennell</i>		Month Day Year 10 23 96	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Danny Ellis				Signature <i>Danny Ellis</i>		Month Day Year 10 23 96	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Ken Kelley				Signature <i>Ken Kelley</i>		Month Day Year 10 23 96	

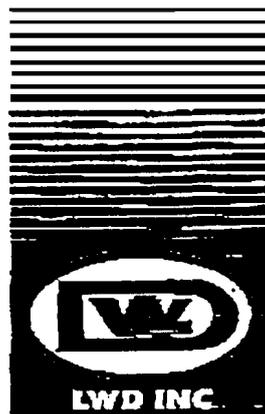
GENERATOR

TRANSPORTER

FACILITY

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-396-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Public Works Center, Pensacola Manifest Document No. 08057

LWD PC#(s) 58896 State Manifest Document No. _____

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and *must* be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. Treatability Group

Wastewater ~~X~~ Non-Wastewater

2. U.S. EPA Hazardous Waste Codes

(list all that apply)

Subcategory

(complete only if applicable)

D008

N/A

3. Notification of underlying Hazardous Constituents. This requirement applies to F029, D001 (other than wastes treated by CMBST), D002, D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below:

F001-5 Scent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WWV	NWW		WWV	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Pad)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cydonexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromthane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	48	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

___ Nickel and/or compounds (as Ni)	LIMITS
___ Thallium and/or compounds (as Tl)	≥134 mg/l
___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.	≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature Edward D. Bennett Title Enviro-NASP Date 2/25/98

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No FL 017 00 2455 7	Manifest Document No. 00028	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5309 5300				A. State Manifest Document Number 09028		
4. Generator's Phone (850) 437-3900				B. State Generator's ID		
5. Transporter 1 Company Name Robbie D. Wood		6. US EPA ID Number ALD067128891		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-356-7457		
9. Designated Facility Name and Site Address LWD, Inc. 1637 1637 Shar Cal Road C alvert City, KY 42029		10. US EPA ID Number KYD985073198		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 502-395-8313		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity	14. Unit W/Vol	15. Waste No.
a. <input checked="" type="checkbox"/> HM "RQ" Hazardous Waste, Solid, n.o.s. (Lead) 9/NA3077/III (ERG#171)		0,0,1 C.M		4,47,00	P	D008
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above SBB96				K. Handling Codes for Wastes Listed Above M111/T22		
15. Special Handling Instructions and Additional Information A.E.S. Inc is this facility's hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc, 4068 Mt. Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24hr emergency number: A.E.S. #12-826-0371 or after hrs 412-427-4648 or 4629.						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edward J. Kennell		Signature <i>Edward J. Kennell</i>		Month Day Year 02 05 95		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Johnny Moore		Signature <i>Johnny Moore</i>		Month Day Year 02 07 95		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Ken Keller		Signature <i>Ken Keller</i>		Month Day Year 02 06 95		

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Public Works Center, Pensacola Manifest Document No. 08028
LWD PC#(s) 58896 State Manifest Document No. _____

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. Treatability Group
 Wastewater Non-Wastewater

2. U.S. EPA Hazardous Waste Codes (list all that apply)	Subcategory (complete only if applicable)
D008	N/A

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002, D012-43.
All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

4.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S.EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below:

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WW	NWW		WW	NWW
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromthane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
≥134 mg/l
- ___ Thallium and/or compounds (as Tl) ≥130 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature Quayle Connell Title Ntsp-Enviro Date 2/25/98

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 9170024567	Manifest Document No. 08029	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.				
3. Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5500				A. State Manifest Document Number 09029					
4. Generator's Phone (850) 452-3900				B. State Generator's ID					
5. Transporter 1 Company Name Robbie D. Wood		6. US EPA ID Number ALD06713RR9		C. State Transporter's ID					
7. Transporter 2 Company Name		a. US EPA ID Number		D. Transporter's Phone 800-356-7477					
9. Designated Facility Name and Site Address 1837 1537 Star Cal Road Calvert City, KY 42029		10. USEPA ID Number KYD9R5073196		E. State Transporter's ID					
				F. Transporter's Phone					
				G. State Facility's ID					
				H. Facility's Phone 502-395-8313					
GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.		
	a.	"NO" Hazardous Waste, Solid, n.o.s. (Lead) 9/NA3077/III (FRC#171)			0 0 1	CM	45300	P	D008
	b.								
	c.								
	d.								
15. Additional Descriptions for Materials Listed Above <B396				K. Handling Codes for Wastes Listed Above MIII/T22					
15. Special Handling Instructions and Additional Information A.E.S. Inc is this facility's hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc, 4038 Mt. Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24 hr Emergency number: A.E.S. 412-427-0871 or after hours 412-427-4348 or 4629.									
16. GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Jason Kelly		Signature <i>Jason M Kelly</i>		Month Day Year 10/22/95					
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials								
	Printed/Typed Name Debra J. Henderson		Signature <i>Debra Henderson</i>		Month Day Year 10/22/95				
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name		Signature		Month Day Year 02-25-91					
19. Discrepancy Indication Space									
FACILITY OWNER	J. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.								
	Printed/Typed Name Jason Kelly		Signature <i>Jason Kelly</i>		Month Day Year 10/22/95				

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH. 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 0803
LWD PC#s: _____ State Manifest Document No. 09029

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

Treatability Group

Wastewater

Non-Wastewater

U.S. EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

Notification of Underlying Hazardous Constituents This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), C003 (Water Reactive or Explosives only), and D012-43.

If underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below:

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro-1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono-fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature Jason M Kelly Title Env. Prot. Spec. Date 02/25/98

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL9170024567	Manifest Document No. 08030	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd Pensacola, FL 32508-5000			A. State Manifest Document Number 09030		B. State Generator's ID	
4. Generator's Phone (850) 432-3900		6. US EPA ID Number		C. State Transporter's ID		
5. Transporter 1 Company Name Robbie D. Wood		6. US EPA ID Number A.L.N.0.5.7.1.9.8.9.1		D. Transporter's Phone 800-356-7493		
7. Transporter 2 Company Name		a. USEPA ID Number		E. State Transporter's ID		
9. Designated Facility Name and Site Address LWD, Inc. 1637 Shar Cal Road Calvert City, KY 42029		10. US EPA ID Number KYD985073196		G. State Facility's ID		
				H. Facility's Phone 502-395-8313		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total	14. Unit	1. Waste No.
a. "RO" Hazardous Waste, Solid, n.o.s. (Lead) 9/NA3077/III (ERG#171)		No. 1 Type CM		Quantity 47120	wt/vol P	0008
b.						
c.						
d.						
I. Additional Descriptions for Materials Listed Above SBB96				K. Handling Codes for Wastes Listed Above M III / T 2 2		
15. Special Handling Instructions and Additional Information A.F.S. Inc is this facility's hazardous waste contractor. Please route all billing and correspondence to: A.F.S. Inc. 168 Mt. Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has emergency Response information. 24hr emergency number: A.F.S. 212-496-0911 or after hrs 412-427-4438 or 4529.						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select						
Printed/Typed Name Jason Kelly		Signature <i>Jason M Kelly</i>		Month Day Year 12/21/98		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name THOMAS F. BRADGOLD JR.		Signature <i>Thomas F. Bradgold Jr.</i>		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name K. F. Kelly		Signature <i>K. F. Kelly</i>		Month Day Year 12/21/98		



L W D, INC.

P 3 BOX 327 • CALVERT CITY, KENTUCKY 42029
P - 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08030

State Manifest Document No. 09030

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

Treatability Group

Wastewater Non-Wastewater

U.S. EPA Hazardous Waste Codes

%: all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), C003 (Water Reactive or Explosives only), and D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

X certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below:

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	35
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono- fluoromthane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

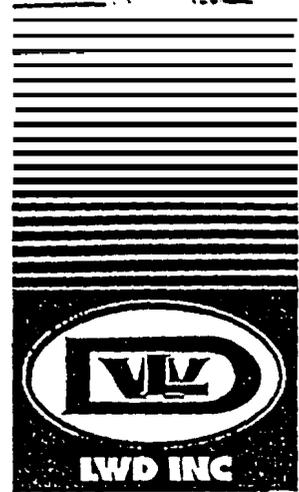
Signature Jean M Kelly Title Env Prot. Spec Date 2/25/98

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 9170024557	Manifest Document No. 08031	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000			A. State Manifest Document Number 09031		B. State Generator's ID	
4. Generator's Phone (850) 452-3900		6. US EPA ID Number ALD067138891		C. State Transporter's ID		D. Transporter's Phone 800356-7457
5. Transporter 1 Company Name Robbie D. Wood		7. Transporter 2 Company Name		E. State Transporter's ID		F. Transporter's Phone
9. Designated Facility Name and Site Address LWD, Inc. 37-1637 Sharr Cal Road Calvert City, KY 42029		10. US EPA ID Number KYD985073196		G. State Facility's ID		H. Facility's Phone 502-395-8318
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol
a. <input checked="" type="checkbox"/> 9/NA3077/III (RC#171)				No. Type		Waste No.
				0 0 1 C M	478.00	P DC08
b.						
c.						
d.						
I. Additional Descriptions for Materials Listed Above a) 56896				K. Handling Codes for Wastes Listed Above M111		
15. Special Handling Instructions and Additional Information A.E.S. Inc is this facility's hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc, 468 Mt. Royal Blvd #210, Allison Park, PA 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has emergency response information. 24 hr emergency number A.E.S. 412-486-4371 or after hrs 412-427-4648 or 4529.						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and am in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Edward J O'Connell		Signature <i>Edward J O'Connell</i>		Month Day Year 10/21/95		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Gloria ...		Signature <i>Gloria ...</i>		Month Day Year 10/21/95		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year 		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Ken Kelly		Signature <i>Ken Kelly</i>		Month Day Year 10/21/95		



L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Naval Air Station Manifest Document No. 08031
LWD Form(s) _____ State Manifest Document No. 09031

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

Treatability Group

Wastewater

Non-Wastewater

U.S. EPA Hazardous Waste Codes
(list all that apply)

D008

Subcategory

(complete only if applicable)

Lead Toxicity

Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non-CWA), D003 (Water Reactive or Explosives only), and D012-43.

underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

Waste for which applicable treatment standards, must be listed completely:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below:

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
___ Acetone	0.28	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	36
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	16
___ Cresols(m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	10
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro-1,2,2-Trifluoroethane	0.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono-fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni)
 - ___ Thallium and/or compounds (as Tl)
 - ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg
- LIMITS
 ≥134 mg/l
 ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Pan 268.32 or RCRA Section 3004(d).

Signature Eward J. Connell Title NASP Date 2/26/98

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's USEPA ID No. **FL0170024567108032** Manifest Document No. **09032** 2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Naval Air Station
190 Radford Blvd.
Pensacola, FL 32508-5000
 4. Generator's Phone (850) 432-3900

A. State Manifest Document Number
09032

8. State Generator's ID
09032-26-18

5. Transporter 1 Company Name
Robbie D. Wood 6. USEPA ID Number
ALD067138891

C. State Transporter's ID
800-356-7457

7. Transporter 2 Company Name 8. USEPA ID Number

E. State Transporter's ID
 F. Transporter's Phone

9. Designated Facility Name and Site Address
LWD, Inc.
1627 - 5th Cal Road
Calvert City, KY 42029 10. US EPA ID Number
KYD935073196

G. State Facility's ID

H. Facility's Phone
502-395-8313

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Quantity	14. Vol/Net Wt/Vol	1. Waste No.
	No.	Type			
a. X 9/NA3077/III (ERG#171)	001	CM	46420	P	DOOS
b.					
c.					
d.					

1. Additional Descriptions for Materials Listed Above
a.) SBB96

K. Handling Codes for Wastes Listed Above
M

A.E.S. Inc is this facility

proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
 If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select

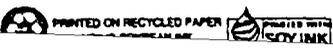
Printed/Typed Name **Russell E. Bell** Signature **Russell E. Bell** Month Day Year **09/21/98**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **LARRY BINKHAM** Signature **Larry Binkham** Month Day Year **09/21/98**

Printed/Typed Name _____ Signature _____ Month Day Year **111111**

19. Discrepancy Indication Space

Printed/Typed Name **Ken Riley** Signature **Ken Riley** Month Day Year **09/21/98**



L W D, INC.

30. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name NAVAL Air Station Manifest Document No. 08032

LWD PO#(s) SBR96 State Manifest Document No. _____

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. Treatability Group
 Wastewater Non-Wastewater
2. U.S. EPA Hazardous Waste Codes (list all that apply) Subcategory (complete only if applicable)
D008 LEAD Toxicity

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous constituents are present in the waste.

4. Waste for which applicable treatment standards, must be listed completely.

A.) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WWV	NWW		WWV	NWW
___ Acetone	0.26	160	___ Methanol	5.6	n/a
___ Benzene	0.14	10	___ Methylene Chloride	0.089	30
___ n-Butyl Alcohol	5.6	2.6	___ Methyl Ethyl Ketone	0.28	35
___ Carbon Disulfide	3.8	n/a	___ Methyl Isobutyl Ketone	0.14	33
___ Carbon Tetrachloride	0.057	6.0	___ Nitrobenzene	0.068	14
___ Chlorobenzene	0.057	6.0	___ Pyridine	0.014	15
___ Cresols (m- & p-isomers)	0.77	5.6	___ Tetrachloroethylene	0.056	6.0
___ o-Cresol	0.11	5.6	___ Toluene	0.080	13
___ Cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	___ 1,1,2-Trichloro-1,2,2-Trifluoroethane	3.057	30
___ Cyclohexanone	0.36	n/a	___ 1,1,1-Trichloroethane	0.054	6.0
___ o-Dichlorobenzene	0.088	6.0	___ 1,1,2-Trichloroethane	0.054	6.0
___ Ethyl Acetate	0.34	33	___ Trichloroethylene	0.054	6.0
___ Ethylbenzene	0.057	10	___ Trichloromono-fluoromethane	0.020	30
___ Ethyl Ether	0.12	160	___ Xylene	0.32	30
___ Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
___ Carbon Disulfide	n/a	4.8	___ 2-Nitropropane	INCIN	INCIN
___ Cyclohexanone	n/a	0.75	___ 2-Ethoxyethanol	INCIN	INCIN
___ Methanol	n/a	0.75			

___ F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B.) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- ___ Nickel and/or compounds (as Ni) LIMITS
- ___ Thallium and/or compounds (as Tl) ≥134 mg/l
- ___ Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. ≥130 mg/l

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 of RCRA Section 3004(d).

Signature: [Signature] Title: NAB HAZ WASTE Date: 2/26/98

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. FL 0170024567	Manifest Document No. 08033	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
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Generator's Name and Mailing Address Naval Air Station 190 Radford Blvd. Pensacola, FL 32508-5000		A. State Manifest Document Number 09033
4. Generator's Phone (850) 452-3900		B. State Generator's ID
5. Transporter 1 Company Name Robbie D. Wood	6. US EPA ID Number ALD067138891	C. State Transporter's IO
7. Transporter 2 Company Name	8. US EPA ID Number	D. Transporter's Phone 800-356-7457
9. Designated Facility Name and Site Address LWD, Inc. 371637 Shar Cal Road Calvert City, KY 42029		E. State Transporter's ID
10. USEPA ID Number KYD985073196		F. Transporter's Phone
		G. State Facility's ID
		H. Facility's Phone 502-395-8313

GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	Waste No.
		No.	Type			
a.	"RQ" Hazardous Waste, Solid, n.o.s. (D008) (Lead) X 9/NA3077/III (ERG#171)	0	1	CM	49.300	P D008
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above SBB94	K. Handling Codes for Wastes Listed Above M111
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15. Special Handling Instructions and Additional Information
 Hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc. Mt. Royal Blvd #210, Allison Park, 15101. In the event of a spill or release of hazardous material, contact National Response Center and 911. The driver has Emergency Response information. 24 Hr emergency number: A.E.S. 412-486-0871 or After Hrs 412-427-4648 or 4629.

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

Printed/Typed Name TASON KELLY	Signature <i>Tason Kelly</i>	Month Day Year 02/24/98
-----------------------------------	---------------------------------	----------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name LANICE MYRICK	Signature <i>Lance Myrick</i>	Month Day Year 02/26/98

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

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19:		
Printed/typed Name KAY KELLY	Signature <i>Kay Kelly</i>	Month Day Year 03/22/98

L W D, INC.

P.O. BOX 327 • GALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name Public Works Center, Pensacola Manifest Document No. 08033
LWD PC#(s) SBB96 State Manifest Document No. _____

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. Treatability Group

Wastewater Non-Wastewater

2. U.S. EPA Hazardous Waste Codes

(list all that apply)

D008

Subcategory

(complete only if applicable)

N/A

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002, D012-43.

All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.

I certify that no Underlying Hazardous Constituents are present in the waste.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **FL 0170024567** Manifest Document No. **105034**

2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Naval Air Station
190 Radford Blvd.
Pensacola, FL 32508-5000
 4. Generator's Phone(**850**) **452-3800**

A. State Manifest Document Number
07034
 8. State Generator's ID

5. Transporter 1 Company Name
Robbie D. Wood 6. USEPA ID Number
ALD067138891

C. State Transporter's ID
 D. Transporter's Phone **800-356-1427**

7. Transporter 2 Company Name 8. USEPA ID Number

E. State Transporter's ID
 F. Transporter's Phone

9. Designated Facility Name and Site Address
LWD, Inc.
1637 Shar Cal Road
Calvert City, KY 42029 10. USEPA ID Number
KYD985073196

G. State Facility's ID
 H. Facility's Phone
502-395-8313

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
	No.	Type			
a. "RQ" Hazardous Waste, Solid, n.o.s. (D008) (Lead) 9/NA3077/III (ERG#171)	001	CM	3.0520	P	D008
b.					
c.					
d.					

16. Additional Descriptions for Materials Listed Above
a.) 55396

K. Handling Codes for Wastes Listed Above
MIII

15. Special Handling Instructions and Additional Information # **A.E.S. Inc is this facility**
hazardous waste contractor. Please route all billing and correspondence to: A.E.S. Inc. Mt.
Royal Blvd #210, Allison Park, 15101. In the event of a spill or release of hazardous
material, contact National Response Center and 911. The driver has Emergency Response infor-
mation. 24 Hr emergency number: A.E.S. 412-486-0871 or After hrs 412-427-4648 or 4629.

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

Printed/Typed Name **Robbie D. Wood** Signature _____ Month Day Year **12/31/97**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **LANICE MYNICK** Signature _____ Month Day Year **12/31/97**

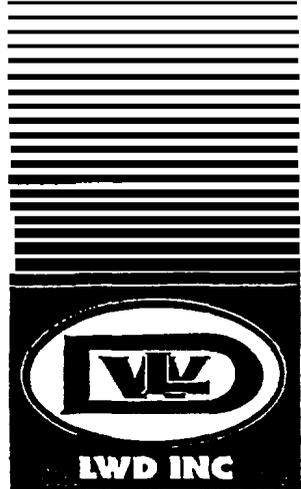
18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month Day Year _____

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name **Ken Riley** Signature _____ Month Day Year **10/31/97**

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name NAVAL Air Station Manifest Document No. 08034

LWD PC#(s) _____ State Manifest Document No. 09034

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as specified below, is restricted under the land disposal restrictions and must be treated to the applicable treatment standards set forth in 40 CFR 268.40.

1. Treatability Group
 Wastewater Non-Wastewater

2. U.S. EPA Hazardous Waste Codes (list all that apply) Subcategory (complete only if applicable)
D008 LEAD Toxicity a

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or Explosives only), and 001243. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.
 I certify that no Underlying Hazardous Constituents are present in the waste.

4. Waste for which applicable treatment standards, must be listed completely.

A) F001-5 Spent Solvents
 If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, check all individual constituents contained in these waste(s) and mark the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	WWV	NWW		WWV	NWW
<input type="checkbox"/> Acetone	0.28	160	<input type="checkbox"/> Methanol	5.6	n/a
<input type="checkbox"/> Benzene	0.14	10	<input type="checkbox"/> Methylene Chloride	0.089	30
<input type="checkbox"/> n-Butyl Alcohol	5.6	2.6	<input type="checkbox"/> Methyl Ethyl Ketone	0.28	36
<input type="checkbox"/> Carbon Disulfide	3.8	n/a	<input type="checkbox"/> Methyl Isobutyl Ketone	0.14	33
<input type="checkbox"/> Carbon Tetrachloride	0.057	6.0	<input type="checkbox"/> Nitrobenzene	0.068	14
<input type="checkbox"/> Chlorobenzene	0.057	6.0	<input type="checkbox"/> Pyridine	0.014	16
<input type="checkbox"/> Cresols(m- & p isomers)	0.77	5.6	<input type="checkbox"/> Tetrachloroethylene	0.056	6.0
<input type="checkbox"/> o-Cresol	0.11	5.6	<input type="checkbox"/> Toluene	0.080	10
<input type="checkbox"/> Cresols - Mixed Isomers (Cresylic Add)	0.88	11.2	<input type="checkbox"/> 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
<input type="checkbox"/> Cyclohexanone	0.36	n/a	<input type="checkbox"/> 1,1,1-Trichloroethane	0.054	6.0
<input type="checkbox"/> o-Dichlorobenzene	0.088	6.0	<input type="checkbox"/> 1,1,2-Trichloroethane	0.054	6.0
<input type="checkbox"/> Ethyl Acetate	0.34	33	<input type="checkbox"/> Trichloroethylene	0.054	6.0
<input type="checkbox"/> Ethylbenzene	0.057	10	<input type="checkbox"/> Trichloromono- fluoromethane	0.020	30
<input type="checkbox"/> Ethyl Ether	0.12	160	<input type="checkbox"/> Xylene	0.32	30
<input type="checkbox"/> Isobutyl Alcohol	5.6	170			

	CCWE (in mg/l)		Technology Code	
	WWV	NWW		
<input type="checkbox"/> Carbon Disulfide	n/a	4.8	<input type="checkbox"/> 2-Nitropropane	INCIN INCIN
<input type="checkbox"/> Cyclohexanone	n/a	0.75	<input type="checkbox"/> 2-Ethoxyethanol	INCIN INCIN
<input type="checkbox"/> Methanol	n/a	0.75		

F001-5 Spent Solvents: Pharmaceutical industry wastewater subcategory methylene chloride: 0.44 mg/l

B.) California List Wastes
 Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.
 The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

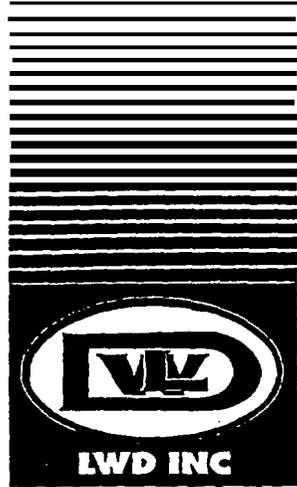
- | | |
|--|-----------|
| <input type="checkbox"/> Nickel and/or compounds (as Ni) | LIMITS |
| <input type="checkbox"/> Thallium and/or compounds (as Tl) | ≥134 mg/l |
| <input type="checkbox"/> Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg. | ≥130 mg/l |

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature _____ Title Environmental Engineer Date 03/16/98

L W D, INC.

P.O. BOX 327 • CALVERT CITY, KENTUCKY 42029
PH.: 502-395-8313 FAX: 502-395-8153



LAND RESTRICTION NOTIFICATION FORM

Generator Name NAVAL Air Station Manifest Document No. 08035
LWD PC#(s) _____ State Manifest Document No. 09035

This form is submitted to LWD, inc. in compliance with 40 CFR 268.7(a).

The following waste(s), as **specified below**, is restricted under the **land disposal** restrictions and must be treated to the applicable treatment standards set forth in **40 CFR 268.40**.

1. Treatability Group
 Wastewater Non-Wastewater

U.S. EPA Hazardous Waste Codes
(list all that apply)

subcategory
(complete only if applicable)

<u>D006</u>	<u>LEAD TOXICITY</u>

3. Notification of Underlying Hazardous Constituents. This requirement applies to F039, D001 (other than wastes treated by CMBST), D002 (non CWA), D003 (Water Reactive or **Explosives only**), and D012-43. All underlying hazardous constituents, except zinc and vanadium, present in the waste or reasonably expected to be present in the waste at the point of generation and at a level above universal treatment standards specified in 40 CFR 268.48 are indicated.

The "Underlying Constituent Attachment" is included with this notification.
 I certify that no Underlying Hazardous Constituents are present in the waste.

4. Waste for which applicable treatment standards, **must** be listed **completely**:

A) F001-5 Spent Solvents

If U.S. EPA #s F001, F002, F003, F004 or F005 appear in #2, *check* all individual constituents contained in **these** waste(s) and **mark** the appropriate treatability group. This waste must be treated at least to levels specified below.

F001-5 Spent Solvents	CCW (in mg/l)		F001-5 Spent Solvents	CCW (in mg/l)	
	VWV	NWV		VWV	NWV
<input type="checkbox"/> Acetone	0.28	160	<input type="checkbox"/> Methanol	5.6	n/a
<input type="checkbox"/> Benzene	0.14	10	<input type="checkbox"/> Methylene Chloride	0.089	30
<input type="checkbox"/> n-Butyl Alcohol	5.6	2.6	<input type="checkbox"/> Methyl Ethyl Ketone	0.28	36
<input type="checkbox"/> Carbon Disulfide	3.8	n/a	<input type="checkbox"/> Methyl Isobutyl Ketone	0.14	33
<input type="checkbox"/> Carbon Tetrachloride	0.057	6.0	<input type="checkbox"/> Nitrobenzene	0.068	14
<input type="checkbox"/> Chlorobenzene	0.057	6.0	<input type="checkbox"/> Pyridine	0.014	16
<input type="checkbox"/> Cresols(m- & p-isomers)	0.77	5.6	<input type="checkbox"/> Tetrachloroethylene	0.056	6.0
<input type="checkbox"/> o-Cresol	0.11	5.6	<input type="checkbox"/> Toluene	0.080	10
<input type="checkbox"/> cresols - Mixed Isomers (Cresylic Acid)	0.88	11.2	<input type="checkbox"/> 1,1,2-Trichloro- 1,2,2-Trifluoroethane	0.057	30
<input type="checkbox"/> Cyclohexanone	0.36	n/a	<input type="checkbox"/> 1,1,1-Trichloroethane	0.054	6.0
<input type="checkbox"/> o-Dichlorobenzene	0.088	6.0	<input type="checkbox"/> 1,1,2-Trichloroethane	0.054	6.0
<input type="checkbox"/> Ethyl Acetate	0.34	33	<input type="checkbox"/> Trichloroethylene	0.054	6.0
<input type="checkbox"/> Ethylbenzene	0.057	10	<input type="checkbox"/> Trichloromono- fluoromethane	0.020	30
<input type="checkbox"/> Ethyl Ether	0.12	160	<input type="checkbox"/> Xylene	0.32	30
<input type="checkbox"/> Isobutyl Alcohol	5.6	170			
	CCWE (in mg/l)			Technology Code	
<input type="checkbox"/> Carbon Disulfide	n/a	4.8	<input type="checkbox"/> 2-Nitropropane	INCIN	INCIN
<input type="checkbox"/> Cydohexanone	n/a	0.75	<input type="checkbox"/> 2-Ethoxyethanol	INCIN	INCIN
<input type="checkbox"/> Methanol	n/a	0.75			

F001-5 Spent Solvents: Pharmaceutical industry wastewater **subcategory** methylene chloride: 0.44 mg/l

B.) California List Wastes

Mark the following only if the relevant constituent has not already been addressed by a more specific prohibition or treatment standard.

The waste identified in Section 1 is a liquid hazardous waste, including free liquids associated with any solid or sludge, containing the following constituents or characteristics:

- Nickel and/or compounds (as Ni) LIMITS
≥134 mg/l
- Thallium and/or compounds (as Tl) ≥130 mg/l
- Hazardous wastes (solid, sludge or liquid) containing halogenated organic compounds (HOCs) in total concentration >1,000 mg/kg.

I hereby certify that all information submitted is complete and accurate, to the best of my knowledge and information, and that the restricted waste described above has been properly identified so that the receiving treatment facility is aware of all applicable performance levels specified in 40 CFR 268 Subpart D and all applicable prohibitions set forth in Part 268.32 or RCRA Section 3004(d).

Signature _____

Title _____

Date 03/16/98

APPENDIX F

PRECONSTRUCTION MEETING AGENDA/MEETING MINUTES

712-000031

Bechtel

Interoffice Memorandum

To File *File No.* 412/1120

Subject **Various** Sites Pre-Con Information *Date* **January 26, 1998**

From Karen S. Atchley 

Of Navy RAC

copies To Ken Thompson *At* **Oak Ridge** *Ext* 2167
Tom Conrad

Attached is a copy of the information distributed at the pre-con meeting for Various Sites which **took** place at **NAS** Pensacola on Tuesday **January 20, 1998**.



VARIOUS SITES PRE-CON AGENDA
TUESDAY, JANUARY 20, 1998
1:30 pm, Bldg. 746 CR

Introductions

Sign in Sheet

Work Plan

Scope

Locations/Survey's

Truck Routes

Restoration/Fill material

Responsibility Assignment Matrix

Safety and Health Plan

Security/Fire Department

Permits

Close Proximity concerning Site 18 and 25

Excavation

Underground utilities (sunshine)

Emergency Response

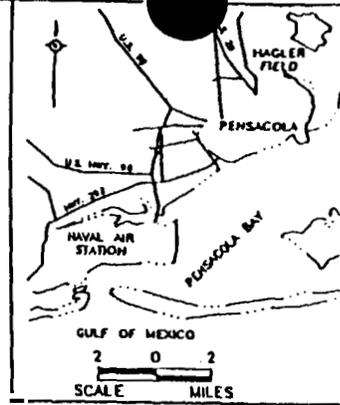
Quality Control

Reporting Interface

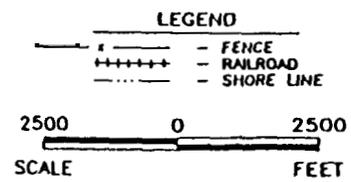
Manifests

Schedule

Holiday (February 16)



PENSACOLA BAY



**REMEDIAL INVESTIGATION
REPORT
SITE 1
NAS PENSACOLA**

**FIGURE 1
SITE LOCATION MAP**

RWP DO. 0071-11/97

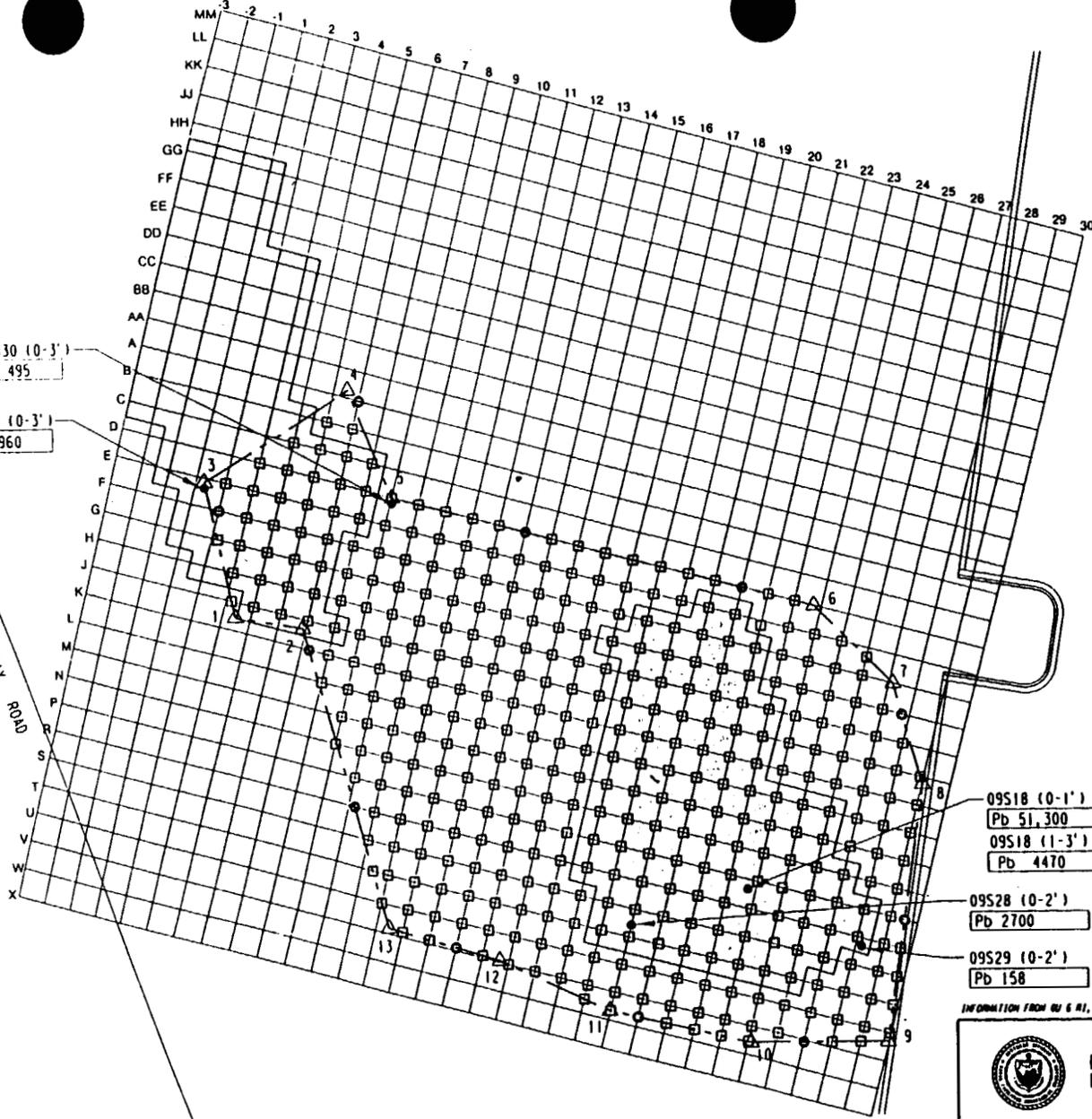
NORTH

NOTE: SOIL BORING 09S30 WAS USED AS THE CONTROL POINT FOR LOCATING THE REFERENCE POINT COORDINATES.

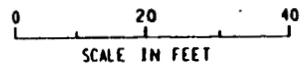
09S30 (0-3')
Pb 495

09S31 (0-3')
Pb 1960

MURRAY ROAD



- LEGEND**
- △ 6 REFERENCE POINT PROVIDED IN DATA COLLECTION SUMMARIES
 - TCLP SAMPLE LOCATION (SPLIT XRF & TOTAL Pb)
 - SCREENING XRF SAMPLE LOCATION
 - SPLIT SAMPLE LOCATION (PERIMETER)
 - ▭ AREA OF REMOVAL



INFORMATION FROM DU 6 RI, FIGURE 7-1



NAS Pensacola
Pensacola, Florida

Figure 3
Site 9A Removal Area

Rev 1/8/98

22567 4124004.dgn

Name of Site	Excavation Area (specified)	Waste Volume (estimated)	Contaminant of Concern	Disposal (assumed)*	Preliminary Remediation Goals	Monitoring Well Removals
Site 1 Tar Pit, OU 1	10 ft x 70 ft x 2 ft deep	72.6 tons	Tar-like residue in old landfill pit	Subtitle D landfill	NA	No
Site 7	2 ft x 20 ft x 2 ft deep	4.1 tons	Arsenic 4.2 mg/kg	Subtitle D landfill	1.56 mg/kg (background)	07GS04
Site 9A, OU 6	Multiple areas; Approximately 4850 ft ² x 2 ft deep	503 tons	Lead in excess of 500 mg/kg	Hazardous Waste Facility	500 mg/kg	No
Site 10	6 ft x 6 ft x 2 ft deep	3.8 tons	Dieldrin (710 mg/kg)	Subtitle D landfill	0.070 mg/kg	10G301
Site 17, OU 14	5 ft x 6 ft x 2 ft deep	3.1 tons	PCB Arochlor 1260 (4.2 mg/kg) Benzo(a)pyrene (0.037 mg/kg)	Subtitle D landfill	0.900 mg/kg	No
Site 18	6 ft x 6 ft x 2 ft deep	3.8 tons	PCB Arochlor 1260 (4.1 mg/kg)	Subtitle D landfill	0.900 mg/kg	18GS01
Site 25, OU 2	6 ft x 6 ft x 2 ft deep	3.8 tons	PCB Arochlor 1260 (3.1 mg/kg)	Subtitle D landfill	0.900 mg/kg	25GS08

*Other chemicals of concern may be found at each site, in addition to those identified herein. Waste profile samples will be analyzed for each site, and the resulting data may require that a lesser or more expensive disposal alternative be selected than that which was assumed based on data provided in the Data Collection Summaries.

Responsibility Assignment Matrix (RAM)
Various Sites
NAS, Pensacola

ASSIGNMENT/ENTITY	SDIV	NAS-ENV	NAS-ROICC	BEI	
Finalize schedule	L	I	I	I	..
Notice to Proceed	L	I	I	I	
Pre-construction meeting	S	S	S	L	
Obtain base excavation/digging permit(s)	I	L	S	S	
Locate underground utilities	I	S	L	I	
Remove obstructions (if necessary) from remedial areas	I	S	L	I	
Notification letter to EPA & FDEP for field start	A	I	I	L	
Survey location of areas to be excavated	I	S	S	L	
Remove trees and brush at Site 1	I	S	I	L	
Road repairs/improvements at Site 1	I	S	I	L	
Perform removal actions according to schedule	I	S	S	L	
Complete manifests	S	A	S	L	
Transport excavated soils and debris	I	S	S	L	
Collect verification samples	I	I	I	L	
Fill areas with clean fill	I	I	I	L	
Compact, grade, reseed and repair concrete as necessary	I	S	S	L	
Verify waste properly disposed	I	L	I	S	
Completion Report	A	I	I	L	

L **Lead Responsibility**
S **support**
I **Information**
A **Approval**

Table 8-1
EMERGENCY TELEPHONE NUMBERS FOR NAS PENSACOLA

EMERGENCY SERVICES

POLICE DEPARTMENT	911
RESCUE SERVICE	911
FIRE DEPARTMENT	911
HOSPITAL (Naval Hospital Emergency Ambulance Service)	(850) 452-6600
BASE MAINTENANCE EMERGENCY	(850) 452-2322

EMERGENCY CONTACTS

BEI PROJECT S&H MANAGER (Roger Thompson)	(423) 220-2172
BEI PROJECT MANAGER (Karen Atchley)	(423) 220-2167
BEI PROJECT SUPERINTENDENT (Ken Thompson)	Site
BEI PROJECT SITE SAFETY AND HEALTH REPRESENTATIVE (Nicke Ring)	Site
NAS SECURITY	(850) 452-2653
NAS ROICC (Bill Cooper)	(850) 452-4616
NAS SAFETY OFFICER	(850) 452-2125
EOD - (Robert Sirney, C.D. Swilley - NAS Weapons)	(850) 452-4731/2795

OTHER CONTACTS

PALMETTO POISON CONTROL CENTER	(800) 922-1117
NATIONAL RESPONSE CENTER	(800) 424-8502
REGIONAL USEPA EMERGENCY RESPONSE	(800) 414-8802
CHEMICAL REFERRAL CENTER	(800) 262-8200

HOSPITAL ROUTES

A description of routes to the hospitals listed above will be provided and posted on site by the SSHR during site mobilization. The **SSHR** Will also **confirm** and post local emergency contact telephone numbers.

NOTE: All emergency telephone numbers must be confirmed and recorded above once the team is mobilized to the site and prior to any work activity.

Activity ID	Start Date	Finish Date	Duration	Description
2131050	08DEC97A	12DEC97A	5	▲ Sites 9A, 17, 1, 10, 18 & 25 Civil Survey - RSRC
2131000	09DEC97A	19DEC97	8	▲ Delineation Sampling - RSRC
2131100	02FEB98*	03FEB98	2	▲ Mobilize/Facilities Setup - RSRC
2131150	04FEB98	20FEB98	12	▲ Excavate Site 9A Material
2131200	04FEB98	20FEB98	12	▲ Site 9A Disposal
2131170	09FEB98	10FEB98	2	▲ Well Abandonment & Closure - Sites 7, 10, 18, 25
2131250	23FEB98	25FEB98	3	▲ Backfill/Restore Site 9A
2131450	26FEB98	02MAR98	3	▲ Clearing & Road Repair at Site 1
12131500	03MAR98	04MAR98	2	▲ Excavate Site 1
12131550	03MAR98	04MAR98	2	▲ Site 1 Disposal
12131600	05MAR98	05MAR98	1	▲ Backfill/Restore Site 1
12131610	05MAR98	05MAR98	1	▲ Asphalt/Concrete Demo
12131620	06MAR98	06MAR98	1	▲ Excavate Site 7
12131630	06MAR98	06MAR98	1	▲ Site 7 Disposal
12131640	09MAR98	09MAR98	1	▲ Backfill/Restore Site 7
12131300	10MAR98	10MAR98	1	▲ Excavate Site 17
12131350	10MAR98	10MAR98	1	▲ Site 17 Disposal
12131400	11MAR98	11MAR98	1	▲ Backfill/Restore Site 17
12131650	12MAR98	12MAR98	1	▲ Excavate Site 10
12131700	12MAR98	12MAR98	1	▲ Site 10 Disposal
12131750	13MAR98	13MAR98	1	▲ Backfill/Restore Site 10
12131800	13MAR98	13MAR98	1	▲ Excavate Site 18
12131850	13MAR98	13MAR98	1	▲ Site 18 Disposal
12131900	16MAR98	16MAR98	1	▲ Backfill/Restore Site 18
12131950	17MAR98	17MAR98	1	▲ Excavate Site 25
12132000	17MAR98	17MAR98	1	▲ Site 25 Disposal
4 12132050	18MAR98	18MAR98	1	▲ Backfill/Restore Site 25
4 12132100	19MAR98	20MAR98	2	▲ Demobilize - RSRC
4 12132150	23MAR98	01MAY98	30	▲ Closeout/Completion Report

Project Start 07MAR94 Early Bar
 Project finish 01MAY98 Progress Bar
 Data Date 15DEC97 Critical Activity
 Run Date 15JAN98

412C

Remedial Actions at Various Sites

NAS Pensacola, FL

Project Schedule

Sheet 1 of 1



DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
P.O. BOX 190010
2155 EAGLE DRIVE
NORTH CHARLESTON, S.C. 29419-9010

412 - 00028

4330
Code 0232SB
93-D-0936
27 Jan 1998

Bechtel Environmental, Inc.
Attn: Ms. Karen Atchley
151 Layayette Drive, P. O. Box 350
Oak Ridge, TN 37831-0350

Subj: CONTRACT N62467-93-D-0936, TASK ORDER 0071

Dear Ms. Atchley:

You are authorized to proceed with Phase III (Specified Site Remediation) for various sites at Naval Air Station Pensacola, FL.

The Removal Action Work Plan, Site Safety and Health Plan, and Quality Control Program Plan are hereby approved for subject task order. Signature pages for these plans are enclosed herewith.

Should you have any questions concerning this correspondence, please contact me at (803) 820-5938.

Sincerely,

SHIRLEY A. BERRY
Contracting Officer
Environmental RAC
Contracts Branch

Encl: .

- (1) Removal Action Work Plan Signature Page
- (2) Site Safety and Health Plan Signature Page
- (3) Quality Control Program Plan Signature Page

ADDENDUM
TO THE
QUALITY CONTROL PROGRAM PLAN
FOR
VARIOUS SITES
AT
NAVAL AIR STATION PENSACOLA, FLORIDA

DELIVERY ORDER 0071

Prepared for
DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND

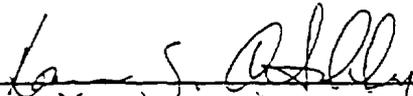
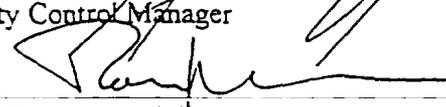
Under Contract No. N62467-93-D-0936

Prepared by
BECHTEL ENVIRONMENTAL, INC.
OAK RIDGE, TENNESSEE

January 1998

Revision 0

BECHTEL JOB NO. 22567

Approved:	 Project Manager	<u>1/8/98</u> Date
Approved:	 Quality Control Manager	<u>1-8-98</u> Date
Approved:	 Navy Contracting Officer	<u>1/26/98</u> Date

ENCL (3)

ADDENDUM NO. 45

TO THE

SITE SAFETY AND HEALTH PLAN

FOR

VARIOUS SITES
(SITES 1, 7, 9A, 10, 17, 18, AND 25)

AT

NAS PENSACOLA, FLORIDA

Prepared for

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND

Under Contract No. N62467-93-D-0936

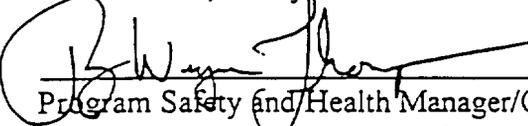
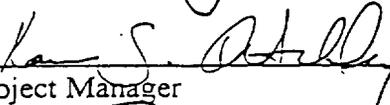
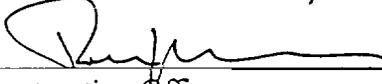
Prepared by

BECHTEL ENVIRONMENTAL, INC.
OAK RIDGE, TENNESSEE

NOVEMBER 1997

Revision 0

Bechtel Job No. 22567

Approved:	 _____ Environment, Safety, and Health Services Manager	1/6/98 _____ Date
Approved:	 _____ Program Safety and Health Manager/CIH	10/30/97 _____ Date
Approved:	 _____ Project Manager	1/8/98 _____ Date
Approved:	 _____ Navy Contracting Officer	1/26/98 _____ Date

ENCL (2)

REMOVAL ACTION WORK PLAN

FOR VARIOUS SITES

NAVAL AIR STATION PENSACOLA, FLORIDA

DELIVERY ORDER NO. 0071

Prepared for

DEPARTMENT OF THE NAVY
SOUTHERN DMSION
NAVAL FACILITIES ENGINEERING COMMAND

Under Contract No. N62467-93-D-0936

Prepared by

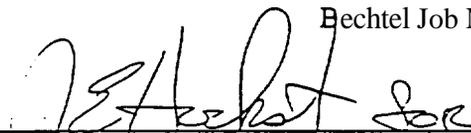
BECHTEL ENVIRONMENTAL, INC.
OAK RIDGE, TENNESSEE

January 1998

Revision 0

Bechtel Job No. 22567

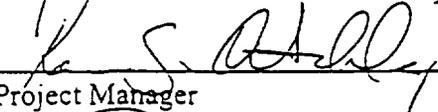
Prepared:



Senior Scientist (TOM CONRAD)

1/9/98
Date

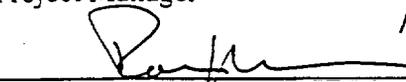
Approved:



Project Manager

1/26/98
Date

Approved:

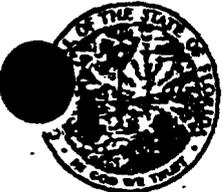


Navy Contracting Officer

1/26/98
Date

Encl (1)

APPENDIX G
WELL COMPLETION REPORTS



STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, REPAIR, MODIFY, OR ABANDON A WELL

- Southwest
Northwest
St. Johns River
South Florida
Suwannee River

THIS FORM MUST BE FILLED OUT COMPLETELY. The water well contractor is responsible for completing this form and forwarding the permit to the appropriate delegated county where applicable.

CHECK BOX FOR APPROPRIATE DISTRICT. ADDRESS ON BACK OF PERMIT FORM.

B14

Permit No. 19800334
Florida Unique I.D.
Permit Stipulations Required (See attached)
62-524 well
Application No.

Fold at this line in order that address is visible through envelope window

1. Owner, Legal Name of Entity or Corporation: Dept of the Navy, Address: NAS, City: NAS Pensacola, Telephone No.: 850-380-4344
2. Well Location - Address, Road Name or Number, City: Redoubt Rd. Site #7
3. Well Drilling Contractor: PARTRIDGE WELL DRILLING CO., INC., License No.: 1927, Telephone No.: 904-269-1333
4. Address: 4744 COLLINS RD., City: ORANGE PARK, FLORIDA, State: FL, Zip: 32073
5. Township: 35, Range: 30W
6. County: Alachua, Subdivision Name, Lot, Block, Unit

Grid with NW, NE, SW, SE labels

7. Number of proposed wells: 0, Check the use of well: Domestic Monitor (type) MISC. D.R.

8. Application for: New Construction, Repair/Modify, Abandonment (Non-USE)

9. Estimated Well Depth: < 20', Casing Depth, Screen Interval from to, Casing Material: Blk-Steel / Gal / PVC, Casing Diameter: 2, Seal Material

10. If applicable: from to Seal Material, Proposed Grouting Interval from to Seal Material

11. Telescope Casing or Liner (check one) Diameter, Casing Material: Blk-Steel / Gal / PVC Other (specify):

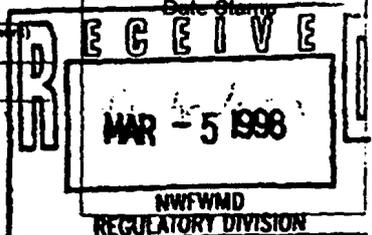
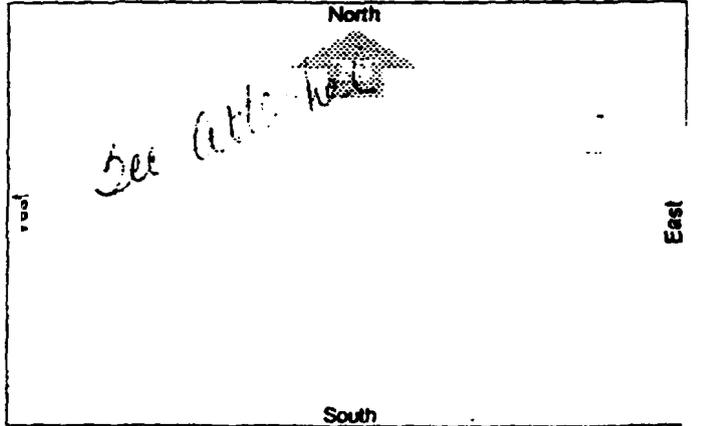
12. Method of Construction: Rotary, Cable Tool, Combination, Auger, Other (specify):

13. Indicate total no. of wells on site, List no. of unused wells on site

14. Is this well or any other well or water withdrawal on the owner's contiguous property covered under a Consumptive/Water Use Permit (CUPWUP) or CUPWUP Application? Yes No
(If yes complete the following) CUPWUP No., District well I.D. No., Latitude, Longitude, Data obtained from GPS or map or survey (map datum NAD27 NAD83)

15. I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code and that a water use permit or artificial recharge permit, if needed has been or will be obtained prior to commencement of well construction. I further certify that all information provided on this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well completion report to the District within 30 days after drilling or the permit expiration, whichever occurs first.

Draw a map of well location and indicate well site with an 'X'. Identify known roads and landmarks; provide distances between well and landmarks.



Signature of Contractor: Don M. ... License No.: 1927, Signature of Owner or Agent: Don M. ... Date: 3/3/98

DO NOT WRITE BELOW THIS LINE - FOR OFFICIAL USE ONLY

Approval Granted By: Circuit Court, Issue Date: 3-5-98, Hydrologist Approval, Owner No., Fee Received: \$ 1000, Receipt No.: 12275, Check No.: 3051

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD. IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS. This permit is valid for 90 days from date of issue.

WHITE - Original File YELLOW - Drilling Conts

WELL COMPLETION REPORT (Please complete in black ink or type.)

PERMIT # T98-00837 CUP# DID #

permit is for multiple wells indicate the number of wells drilled

indicate remaining wells to be cancelled

WELL CONTRACTOR'S NAME License # 1927

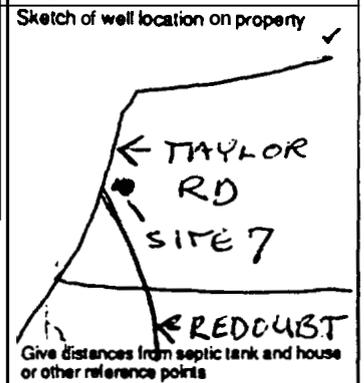
I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (Ft.)	To (Ft.)
Neal Cement:	1	0	18
Bentonite:			

WELL LOCATION: County Escambia
 1/4 of 1/4 of Section 01 Twp: 3S Rge: 30W

Latitude Longitude

DATE STAMP



Official Use Only
 CHEMICAL ANALYSIS WHEN REQUIRED
 Iron: ppm Sulfate: ppt
 Chloride: ppm
 Lab Test Field Test Kit
 Pump Type
 Centrifugal Jet Submersible Turbine
 Horsepower Capacity G.P.M.
 Pump Depth Ft. Intake Depth Ft.

OWNER'S NAME DEPARTMENT OF THE NAVY

COMPLETION DATE 3/10/98 Florida Unique I.D.

WELL USE: DEP/Public Irrigation Domestic Monitor
 HRS Limited 62-524 Other Abandonment

DRILL METHOD Rotary Cable Tool Combination
 Jet Auger Other

Measured Static Water Level Measured Pumping Water Level

After Hours at O.P.M. Measuring R. (Describe):

Which is Ft. Above Below Land Surface

Casing: Black Steel Galv. PVC Other

Casing Diameter & Depth (Ft.)	Depth (Ft.)		DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones. Color Grain Size Type of Material
	From	To	
Diameter <u>2"</u> From <u>0</u> To <u>18</u>			<u>ABANDONMENT OF WELL TRENCH PIPE</u>
Diameter <u> </u> From <u> </u> To <u> </u>			

Liner <input type="checkbox"/> or Casing <input type="checkbox"/>			
Diameter <u> </u>			
From <u> </u>			
To <u> </u>			

Driller's Name: Michael E. Nicholson
 (print or type)



STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, REPAIR, MODIFY, OR ABANDON A WELL

- Southwest
Northwest
St Johns River
South Florida
Suwannee River

THIS FORM MUST BE FILLED OUT COMPLETELY

The water well contractor is responsible for completing this form and forwarding the permit to the appropriate delegated county where applicable

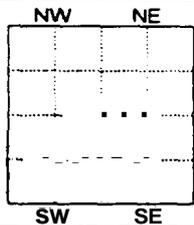
CHECK BOX FOR APPROPRIATE DISTRICT ADDRESS ON BACK OF PERMIT FORM

Permit No. T4300-310
Florida Unique I.D.
Permit Stipulations Required (See attached)
62-524 well
Application No.
ABOVE THIS LINE FOR OFFICE USE ONLY

B14

Print at this line in violet ink address is visible through envelope window

1 Dept of the Navy, Nas, NAS Pensacola, 850-380-4347
2 Murray Rd @ Taylor Rd
3 PARTRIDGE WELL DRILLING CO., INC., 1927, 304-259-1333
4 4744 COLLINS RD., 4, 114 of, 1/4 of Section 01
5 ORANGE PARK, FLORIDA 32073, 5 Township 35, Range 30W
6 Escambia, Subdivision Name, Lot, Block, Unit



7. Number of proposed wells 0 Check the use of well: Domestic Monitor (type) NEW
Irrigation (type), Public Water Supply (type), List Other

8. Application for New Construction, Repair/Modify, Abandonment NON-LKE
9. Estimated Well Depth, Casing Material Blk-Steel/ Gal/ PVC, Casing Diameter 2, Seal Material

RECEIVED
MAR - 5 1998
NWFWM
REGULATORY DIVISION

10. If applicable from to Seal Matenal
Proposed Grouting Interval from to Seal Material

11. Telescope Casing or Liner (check one) Diameter
Casing Material Blk-Steel/ Gal/ PVC Other (specify)

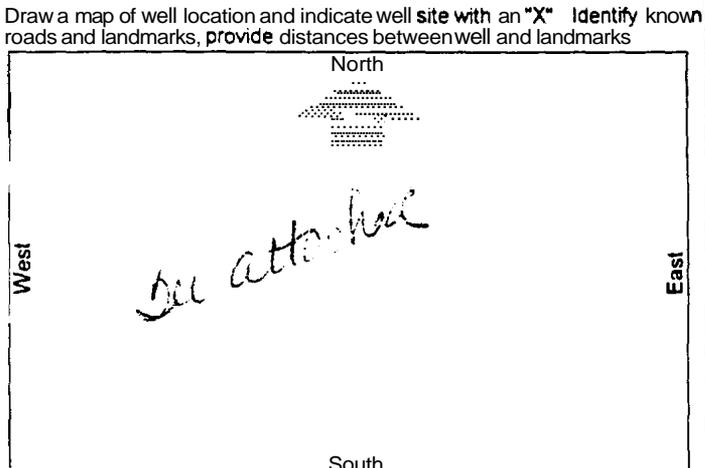
12. Method of Construction. Rotary Cable Tool Combination
Auger Other (specify)

13. Indicate total no. of wells on site List no. of unused wells on site

14. Is this well or any other well or water withdrawal on the owner's contiguous property covered under a Consumptive Water Use Permit (CUPNVUP) or CUPNVUP Application? Yes No

(If yes complete the following) CUPWUP No
District well ID No
Latitude Longitude
Data obtained from GPS or map or survey

15. I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code and that a water use permit or artificial recharge permit if needed has been or will be obtained prior to commencement of well construction. I further certify that all information provided on this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well completion report to the District within 30 days after drilling or the permit expiration, whichever occurs first.



I certify that I am the Owner of the property that the information provided is accurate and that I am aware of my responsibilities under Chapter 373 Florida Statutes, to maintain or properly abandon this well, or, I certify that I am the agent for the Owner. That the information provided is accurate and that I have informed the owner of his responsibilities as stated above. Owner consents to personnel of the WMD or a representative access to the well site

Signature of Contractor, License No. 1927, Signature of Owner or Agent, Date 3/3/98

DO NOT WRITE BELOW THIS LINE - FOR OFFICIAL USE ONLY

Approval Granted By: Issue Date: Hydrologist Approval:
Owner No.: Fee Received: \$ Receipt No.: Check No.:

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD. IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS. This permit is valid for 90 days from date of issue.

WELL COMPLETION REPORT (Please complete in black ink or type.)

PERMIT a T98-00835 CUP/WUP # _____ DID a _____

If permit is for multiple wells indicate the number of wells drilled _____

Indicate remaining wells to be cancelled _____

DRILLER WELL CONTRACTOR'S

SIGNATURE _____ License # 1927

I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (Ft.)	To (Ft.)
Neat Cement:	<u>1</u>	<u>0</u>	<u>12</u>
Bentonite:			

WELL LOCATION: County Escambia
 _____ 1/4 of _____ 1/4 of Section 01 Twp: 3S Rge: 30W

DATE STAMP _____ Longitude _____

Official Use Only

Sketch of well location on property

Give distances from septic tank and house or other reference points

Centrifugal Jet Submersible Turbine
 Horsepower _____ Capacity _____ G.P.M. _____
 Pump Depth _____ Ft. Intake Depth _____ Ft.

FWMD Form 114, Rev. 11/1/95

OWNERS NAME Department of the Navy

COMPLETION DATE 3/10/98 Florida Unique I.D. _____

WELL USE: DEP/Public _____ Irrigation _____ Domestic _____ Monitor _____

HRS Limited _____ 62-524 _____ Other Abandonment

DRILL METHOD Rotary Cable Tool Combination

Jet Auger Other _____

Measured Static Water Level _____ Measured Pumping Water Level _____

After _____ Hours at _____ G.P.M. Measuring Pt. (Describe): _____

Which is _____ Ft. Above Below Land Surface

Casing: Black Steel Galv. PVC Other _____

Casing Diameter & Depth (Ft.)	Depth (Ft.)		DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones. Color Grain Size Type of Material
	From	To	
Diameter <u>2"</u>			<u>ABANDONMENT OF WELL</u> <u>TREMIC PIPE</u>
From <u>0</u>			
To <u>12</u>			
Diameter _____			
From _____			
To _____			
Liner <input type="checkbox"/> or Casing <input checked="" type="checkbox"/>			
Diameter _____			
From _____			
To _____			

Driller's Name: (print or type) Michael E. Michelson



STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, REPAIR, MODIFY, OR ABANDON A WELL

- Southwest
Northwest
St Johns River
South Florida
Suwannee River

THIS FORM MUST BE FILLED OUT COMPLETELY

The water well contractor is responsible for completing this form and forwarding the permit to the appropriate delegated county where applicable

CHECK BOX FOR APPROPRIATE DISTRICT ADDRESS ON BACK OF PERMIT FORM

Permit No: 19-00305
Florida Unique I.D.
Permit Stipulations Required (See attached)
62-524 well
CUP/WUP Application No.
ABOVE THIS LINE FOR OFFICE USE ONLY

1. Dept of the Navy - Nasa - Nasa Pensacola 850-380-4347
Owner Legal Name of Entity or Corporation Address City Zip Telephone No.

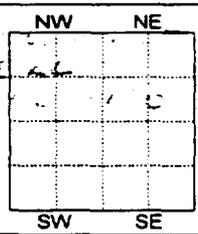
2. Mustin Rd @ Center Ave. Suite B
Well Location - Address, Road Name or Number, City

3. PARTRIDGE WELL DRILLING CO., INC. 1927 904-269-1333
Well Drilling Contractor License No. Telephone No.

4. 4744 COLLINS RD.
Address

5. ORANGE PARK, FLORIDA 32073
City State Zip

6. Escambia County
County Subdivision Name Lot Block Unit



7. Number of proposed wells 0 Check the use of well: (see back of permit for additional choices)
Domestic Monitor (type)
Irrigation (type) Public Water Supply (type) List Other
Distance from septic system ft. Description of facility Estimated start of construction date

8. Application for: New Construction Repair/Modify Abandonment NON-USE
(Reason for Abandonment)

9. Estimated Well Depth 420' Casing Depth Screen Interval from to
Casing Material: Blk-Steel / Gal Casing Diameter 2 Seal Material

10. If applicable: from to Seal Material
Proposed Grouting Interval from to Seal Material

11. Telescope Casing or Liner (check one) Diameter
Casing Material: Blk-Steel / Gal / WC Other (specify):

12. Method of Construction. Rotary Cable Tool Combination
Auger Other (specify):

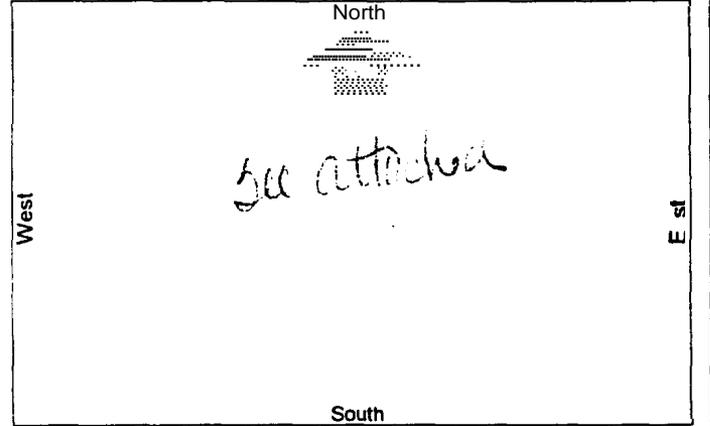
13. Indicate total no. of wells on site List no. of unused wells on site

14. Is this well or any other well or water withdrawal on the owner's contiguous property covered under a Consumptive/Water Use Permit (CUP/WUP) or CUP/WUP Application? Yes No

(If yes complete the following) CUP/WUP No.
District well I.D. No.
Latitude Longitude
Data obtained from GPS or map or survey
(map datum NAD27 NAD83)

15. I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code and that a water use permit or artificial recharge permit, if needed has been or will be obtained prior to commencement of well construction. I further certify that all information provided on this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well completion report to the District within 30 days after drilling or the permit expiration, whichever occurs first.

Draw a map of well location and indicate well site with an "X" Identify known roads and landmarks. provide distances between well and landmarks



I certify that I am the Owner of the property, that the information provided is accurate, and that I am aware of my responsibilities under Chapter 373 Florida Statutes, to maintain or properly abandon this well; or, I certify that I am the agent for the owner. That the information provided is accurate and that I have informed the Owner of his responsibilities as stated above. Owner consents to personnel of the WMD or a representative access to the well site.

Signature of Contractor License No. Signature of Owner or Agent Date

DO NOT WRITE BELOW THIS LINE - FOR OFFICIAL USE ONLY

Approval Granted By Issue Date Hydrologist Approval
Owner No Fee Received \$ Receipt No. Check No.

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS This permit is valid for 90 days from date of issue.
FORM 41 10-410(1) REV 4/95

WELL COMPLETION REPORT (Please complete in black ink or type.)

PERMIT # 198-00836 CUP/WUP # _____ DID # _____

If permit is for multiple wells indicate the number of wells drilled _____

Indicate remaining wells to be cancelled _____

OWNER WELL CONTRACTOR'S SIGNATURE _____ License # 1927

I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (Ft.)	To (Ft.)
Neat Cement:	<u>1</u>	<u>0</u>	<u>15</u>

OWNERS NAME Department of the Navy

COMPLETION DATE 3/10/98 Florida Unique I.D. _____

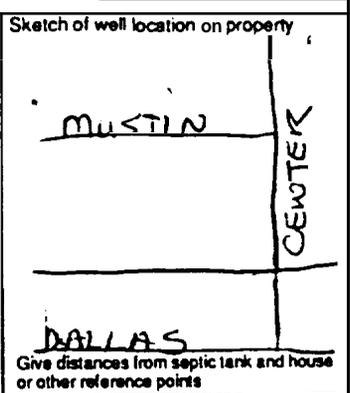
WELL USE: DEP/ Public _____ Irrigation _____ Domestic _____ Monitor _____
 HRS Limited _____ 62-524 _____ Other Abandonment

DRILL METHOD Rotary Cable Tool Combination
 Jet Auger other _____

Measured Static Water Level _____ Measured Pumping Water Level _____
 After _____ Hours at _____ G.P.M. Measuring Pt. (Describe): _____
 Which is _____ Ft. Above Below Land Surface
 Casing: Black Steel Galv. PVC Other _____

Casing Diameter & Depth (Ft.)	Depth (Ft.)		DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones. Color Grain Size Type of Material
	From	To	
Diameter <u>2"</u> From <u>0</u> To <u>15</u>			<u>ABANDONMENT OF WELL TREMIE PIPE METHOD.</u>
Diameter _____ From _____ To _____			
Liner <input type="checkbox"/> or Casing <input type="checkbox"/> Diameter _____ From _____ To _____			

DATE STAMP _____
 Official Use Only



CHEMICAL ANALYSIS WHEN REQUIRED
 Iron: _____ ppm Sulfate: _____ ppm
 Chloride: _____ ppm
 Lab Test Field Test Kit
 Pump Type
 Centrifugal Jet Submersible Turbine
 Horsepower _____ Capacity _____ G.P.M. _____
 Pump Depth _____ Ft. Intake Depth _____ Ft.

Driller's Name: (print or type) Michael E Nicholson



STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, REPAIR, MODIFY, OR ABANDON A WELL

- Southwest
Northwest
St. Johns River
South Florida
Suwannee River

THIS FORM MUST BE FILLED OUT COMPLETELY. The water well contractor is responsible for completing this form and forwarding the permit to the appropriate delegated county where applicable.

CHECK BOX FOR APPROPRIATE DISTRICT. ADDRESS ON BACK OF PERMIT FORM.

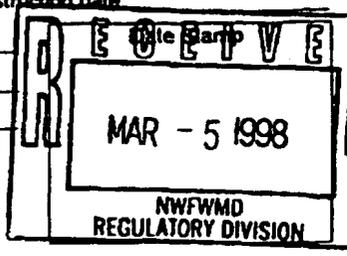
Permit No. T9800337
Florida Unique I.D.
Permit Stipulations Required (See attached)
62-524 well
Application No.

Fold at this line in order that address is visible through envelope window

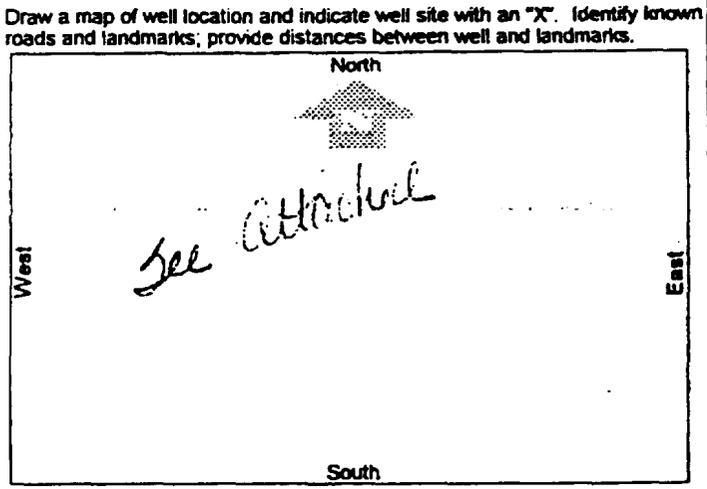
1. Dept of the Navy, NAS Pensacola, 850-380-4347
2. Murray Rd Site #25
3. PARTRIDGE WELL DRILLING CO., INC., 1927, 904-269-1333
4. 4744 COLLINS RD., ORANGE PARK, FLORIDA 32073
5. Township 35, Range 30W

7. Number of proposed wells 0
Check the use of well: (see back of permit for additional choices)
Domestic Monitor (type)
Irrigation (type) Public Water Supply (type) List Other

8. Application for: New Construction Repair/Modify Abandonment NON-USE
9. Estimated Well Depth 220' Casing Depth Screen Interval from to
Casing Material: Blk-Steel / Gal / PVC Casing Diameter 2 Seal Material
10. If applicable: from to Seal Material
Proposed Grouting Interval from to Seal Material



11. Telescope Casing or Liner (check one) Diameter
Casing Material: Blk-Steel / Gal / PVC Other (specify):
12. Method of Construction: Rotary Cable Tool Combination
Auger Other (specify):



13. Indicate total no. of wells on site List no. of unused wells on site
14. Is this well or any other well or water withdrawal on the owner's contiguous property covered under a Consumptive/Water Use Permit (CUPWUP) or CUPWUP Application? Yes No
(If yes complete the following) CUPWUP No.
District well I.D. No.
Latitude Longitude
Data obtained from GPS or map or survey
(map datum NAD27 NAD83)

15. I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code...
Signature of Contractor License No. Signature of Owner or Agent Date

DO NOT WRITE BELOW THIS LINE - FOR OFFICIAL USE ONLY

Approval Granted By: [Signature] Issue Date: 3-5-98 Hydrologist Approval:
Owner No.: Fee Received: \$ 1000 Receipt No.: 12275 Check No.: 3050

THIS PERMIT NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD. IT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL DRILLING OPERATIONS. This permit is valid for 90 days from date of issue.

WELL COMPLETION REPORT (Please complete in black ink or type.)

PERMIT # T98-00834 CUP/WUP # _____ DID # _____

3/10/98

If permit is for multiple wells indicate the number of wells drilled _____
 Indicate remaining well to be cancelled _____

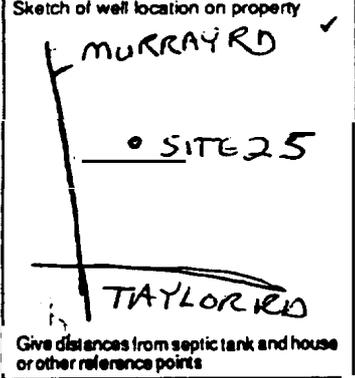
WATER WELL CONTRACTOR'S NAME _____ License # 1927

I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (Ft.)	To (Ft.)
Neat Cement:		<u>0</u>	<u>23</u>
Bentonite:			

WELL LOCATION: County Escambia
 1/4 of _____ 1/4 of Section 01 Twp: 3S Rge: 30W
 Latitude _____ Longitude _____

DATE STAMP _____
 Official Use Only



CHEMICAL ANALYSIS WHEN REQUIRED
 Iron: _____ ppm Sulfate: _____ ppm
 Chloride: _____ ppm
 Lab Test Field Test Kit
 Pump Type
 Centrifugal Jet Submersible Turbine
 Horsepower _____ Capacity _____ G.P.M. _____
 Pump Depth _____ Ft. Intake Depth _____ Ft.

MSFWMD Form 114, Rev. 11/1/95

Measured Static Water Level _____ Measured Pumping Water Level _____

Casing Diameter & Depth (Ft.)	Depth (Ft.)		DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones. Color Grain Size Type of Material
	From	To	
Diameter <u>2 1/2"</u> From <u>0</u> To <u>23</u>	<u>0</u>	<u>23</u>	<u>A BANDONMENT OF WELL TREMIE PIPE</u>
Diameter _____ From _____ To _____			
Liner <input type="checkbox"/> or Casing <input type="checkbox"/> Diameter _____ From _____ To _____			

Driller's Name: (print or type) Michael E Nicholson