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NAS CECIL FIELD, FL
5090.3a

COMPLETION REPORT FOR REMEDIAL ACTION AT 6952 103RD STREET NAS CECIL FIELD FL

10/29/1997

BECHTEL ENVIRONMENTAL INC

14248

COMPLETION REPORT

FOR

REMEDIAL ACTION AT 6952 103RD STREET

JACKSONVILLE, 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
OCTOBER 1997

Bechtel Job No. 22567

EXECUTIVE SUMMARY

Bechtel Environmental, Inc. (BEI) conducted remedial action at 6952 103rd Street, Jacksonville, Florida. This work was performed under Delivery Order 08. The site was contaminated with jet fuel which had leaked from the jet fuel pipeline between NAS Jacksonville and NAS Cecil Field. The house on the site was demolished and disposed as nonhazardous in a Subtitle D landfill. Contaminated soils were thermally treated at NAS Jacksonville and retained by the Navy for use as backfill. The soils were verified clean by laboratory analysis. Petroleum contact debris from the site was disposed as nonhazardous in a Subtitle D landfill.

CONTENTS

Page

EXECUTIVE SUMMARY ii

PROJECT DATA SHEET iii

ACRONYMS vi

1.0 PROBLEM STATEMENT 1

2.0 SCOPE OF WORK 1

2.1 MOBILIZATION 2

2.2 HOUSE DEMOLITION 2

2.3 SOIL REMOVAL 2
2.3.1 Limits of Excavation 2
2.3.2 Contaminated Soil Excavation 2
2.3.3 Method of Excavation 3
2.3.4 Contaminated Materials Transport 3
2.3.5 Contaminated Materials Treatment 3

2.4 HOUSE AND CONTAMINATED SOIL, FINAL DISPOSAL 4
2.4.1 House/Debris Disposal 4
2.4.2 Contaminated Soil Disposal 4

2.5 MONITORING WELL INSTALLATION 4

2.6 SITE RESTORATION 4

3.0 REFERENCES 6

APPENDICES

		Page
A	PROJECT PHOTOGRAPHS	A-1
B	DRAWINGS	B-1
C	AS-BUILT DRAWINGS	C-1
D	PETROLEUM CONTAMINATED SOIL POST-BURN ANALYSIS	D-1
E	COMPACTION TESTING	E-1
F	CONCRETE TESTING/FDOT LETTER OF ACCEPTANCE	F-1

ACRONYMS

BEI	Bechtel Environmental, Inc.
CLSM	compressive low strength material
cy	cubic yards
DOT	Department of Transportation
F	Fahrenheit
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FID	flame ionization detector
NAS	Naval Air Station
ppm	parts per million
PSC	potential source of contamination
psi	pounds per square inch
RWP	Remediation Work Plan
UST	underground storage tank

1.0 PROBLEM STATEMENT

The U.S. Department of the Navy, through the Southern Division, Naval Facilities Engineering Command, implemented removal action at 6952 103rd Street, Jacksonville, Florida. This removal action was necessary for the protection of the public, who have ready access to the property. The levels of contamination remaining, or projected to be remaining, in the area of construction were determined to be within acceptable EPA risk-based guidelines considered to be protective of the groundwater, as described in the *Addendum to Remedial Action Plan and Remediation Work Plan for Soil Removal at the 103rd Street Jet Fuel Pipeline Leak, 6952 103rd Street, Jacksonville, Florida,* Bechtel Environmental, Inc. (BEI) dated September 1996.

The following were the objectives at the 103rd Street site as defined in the BEI Remediation Work Plan:

- to demolish and dispose of the house located at 6952 103rd Street;
- remove soils contaminated with jet fuel on the site and at the adjacent Kerr-McGee property; and
- restore the site including backfilling the excavation area to 85% dry density, backfilling the Department of Transportation (DOT) right-of-way to 95% dry density, replacing the asphalt pad at Kerr-McGee, replacing the concrete sidewalk and aprons with 3,000 psi concrete, and reseeding the restored area.

2.0 SCOPE OF WORK

In 1989 it was suspected that the jet fuel line running between NAS Jacksonville and NAS Cecil Field was leaking under 103rd Street. Extensive sampling in 1990 verified the presence of jet fuel and confirmatory sampling in 1996 defined the limits of contamination. The RWP proposed the removal of 1,830 cubic yards (cy) of excessively contaminated soil as defined by soil that exhibits headspace analysis flame ionization detector (FID) readings of greater than 50 parts per million (ppm) (Rule 62-770.200 Florida Administrative Code [FAC]). The proposed action for the groundwater was monitoring only.

To accomplish this scope of work, the following services were performed:

- mobilization;
- house demolition;
- soil removal;
- house and contaminated soil, final disposal;
- monitoring well installation; and
- site restoration.

Project photographs are depicted in Appendix A.

2.1 MOBILIZATION

Mobilization activities were initiated on October 9, 1996. Mobilization included delivering to the jobsite all construction equipment, tools, materials, supplies, and miscellaneous articles and establishing a work force sufficient to commence and sustain construction activities.

2.2 HOUSE DEMOLITION

The house existing on the site was constructed of a concrete slab-on-grade, masonry block, and wood roof trusses. The house was demolished with a track hoe on December 17, 1996 and loaded out to the landfill on December 17-18, 1996. Continuous perimeter air sampling and personnel breathing zone sampling was conducted during demolition and loading activities. A water truck was used to continuously wet the house during demolition and loading activities. Debris was pulverized with the track hoe and loaded with both the track hoe and a front end loader.

2.3 SOIL REMOVAL

The site was prepared for soil excavation by clearing surface obstructions from the contamination area. These obstructions included a large oak tree in front of the former house location, numerous smaller trees at the northwest corner of the property, the sidewalk on the north side of the property adjacent to 103rd Street, and the asphalt pad on the Kerr-McGee property at the east side of the excavation area.

2.3.1 Limits of Excavation

Contaminated soil limits were verified by BEI during sampling conducted on April 16-17, 1996. These limits were depicted on a drawing detailing the site excavation plan, which is included in Appendix B. Soil excavation was specified to a depth of 1 foot below groundwater. Samplers identified groundwater depth at approximately 2-3 feet during the sampling event. However, a deeper groundwater depth of 4-6 feet during the excavation activities resulted in an increase in excavated soil volume.

2.3.2 Contaminated Soil Excavation

Daily boundary sampling with an FID was utilized to determine the horizontal extent of contamination and confirm the 50 ppm line. The contamination area spread slightly to the southeast between the April 1996 sampling event and the January 1997 excavation activities as depicted on the as-built drawing included in Appendix C.

Groundwater depth was found at the same depth as the hardpan underlying the site. Hardpan depth from ground surface varied due to the north-to-south slope existing at the surface. The resulting excavation was therefore deeper at the northern portion of the excavation than the southern portion. Excavation depth on the site ranged from 60 in. on

the south portion of the excavation to 84 in. at the north boundary of the excavation, immediately adjacent to 103rd Street.

On the eastern portion of the excavation area, on the Kerr-McGee property, the excavation joined with the former underground storage tank (UST) area for the gas station. This UST area had been excavated and backfilled with sand during Kerr-McGee UST removal efforts in 1989. A strong gasoline odor existed in this area and samples collected in this area were determined to have elevated hydrocarbon concentrations. Polyethylene sheeting was laid in between the two areas to separate the remediated jet fuel area from the contaminated gasoline area.

The excavation on the northern portion of the property was bounded by a 24-in. water main running adjacent to 103rd Street. The water main is approximately 42 in. from the curb running east-west at a depth of 5 feet (to the crown). Additionally, a 10-foot radius around the utility pole at the property boundary with Kerr-McGee was not excavated due to structural impacts on the pole and power lines.

No interferences were encountered on the southern, central, or western portions of the excavation area.

2.3.3 Method of Excavation

A CAT 320B Track Hoe was used for all excavations for the duration of the project. This equipment was also used to remove the obstructions as detailed in Section 2.3.1 above.

2.3.4 Contaminated Materials Transport

A material hauling subcontract for all 103rd Street materials was put in place prior to commencing work. All materials, regardless of destination, were hauled in 18 cy dump trucks covered with tarps, and manifested with Nonhazardous Waste Bills of Lading. All debris was transported to Trail Ridge Landfill in Jacksonville, Florida. All soils were transported initially to Potential Source of Contamination (PSC) 29 at NAS Jacksonville, and then moved to PSC 2, also at NAS Jacksonville, for thermal treatment.

2.3.5 Contaminated Materials Treatment

Soils excavated from the 103rd Street site were thermally treated at NAS Jacksonville. An Alternate Procedures Request (included in Appendix D) to thermally treat the soil at NAS Jacksonville was approved by the Florida Department of Environmental Protection (FDEP). Thermal treatment involved heating the soils from 700° to 900° F in a rotary kiln. All organic vapors were separated from the soils after heating and the soils were then sprayed with water, stockpiled, and sampled to confirm contamination levels below the cleanup criteria. Sampling results are located in Appendix D.

After being stripped from the soil, the vapors from the process were then put through an afterburner for thermal destruction at a temperature of approximately 1800° F. Final components of carbon dioxide and water were released to the environment. A total of less than 3 pounds per day of organic material were released to the environment during thermal treatment activities.

2.4 HOUSE AND CONTAMINATED SOIL, FINAL DISPOSAL

All contaminated materials were removed from within the limits of contamination.

2.4.1 House/Debris Disposal

A total of 171.95 tons of house debris was transported to Trail Ridge Landfill in 20 truckloads. Final disposal of house debris was completed at the landfill on December 18, 1996. A total of 129.33 tons of obstruction debris (trees, concrete, asphalt) was transported from the site to Trail Ridge Landfill in 13 truckloads. Final disposition of obstruction debris from the site was completed at the landfill February 26, 1997. A total of 339.53 tons of obstruction debris screened out of the soil was transported from PSC 2 to Trail Ridge Landfill in 16 truckloads. Final disposition of obstruction debris from PSC 2 was completed at the landfill September 29, 1997.

2.4.2 Contaminated Soil Disposal

A total of 4,032 cy of contaminated soils and obstruction debris (including swell) were excavated from the 103rd Street site. A total of 3,873 tons of soils were thermally treated, as indicated in Section 2.3.5. Post-burn sample analyses are included in Appendix D. All soils were verified below the 50 ppm criteria and turned back over to the U.S. Navy for use as backfill material.

2.5 MONITORING WELL INSTALLATION

Per the RWP additional monitoring wells were installed on the site after remediation to complete the groundwater monitoring as required. The newly installed wells and existing wells are depicted on the as-built survey in Appendix C. Well details are depicted in project drawings in Appendix B.

2.6 SITE RESTORATION

After site remediation, the surface area was returned to conditions equal to or better than existed prior to the work. The soil excavation area in the DOT right-of-way was backfilled with compressive low strength material (CLSM); the density testing results are located in Appendix E. The subgrade was prepared and the sidewalks and concrete aprons were replaced in accordance with the FDOT permit; concrete testing results are located in Appendix F.

CLSM was also used as backfill on the Kerr-McGee property in order to achieve 95% dry density compaction requirements. A 30 ft. by 40 ft. asphalt pad was placed at the apron entrance to replace the pad removed during remedial action activities. Wooden posts were sunk through the asphalt at the apron entrance and a cable strung through the posts to prohibit access to Kerr-McGee property.

The remainder of the property at the 103rd Street site was backfilled with soil in 12-in. lifts and compacted with a vibratory roller. The surface was sloped to the south from the sidewalk and bahia grass hydroseed was applied. "No Trespassing" signs were placed south of the sidewalk.

3.0 REFERENCES

Bechtel Environmental Services, Inc. (BEI), *Addendum to Remedial Action Plan and Remediation Work Plan for Soil Removal at the 103rd Street Jet Fuel Pipeline Leak, 6952 103rd Street, Jacksonville, Florida*, September 1996.

Florida Department of Environmental Protection (FDEP), *Approval of Alternative Procedures Request for 103rd Street*, Division of Waste Management, January 1997.

APPENDIX A

PROJECT PHOTOGRAPHS

103rd St. (Hawkins Residence) Pipeline Repair
Photograph Log

1	12/18/96	Concrete slab pieces from Hawkins Residence.	103rd St., Jacksonville, FL

2	12/17/96	Wetting house during demolition or dust suppression	103rd St., Jacksonville, FL

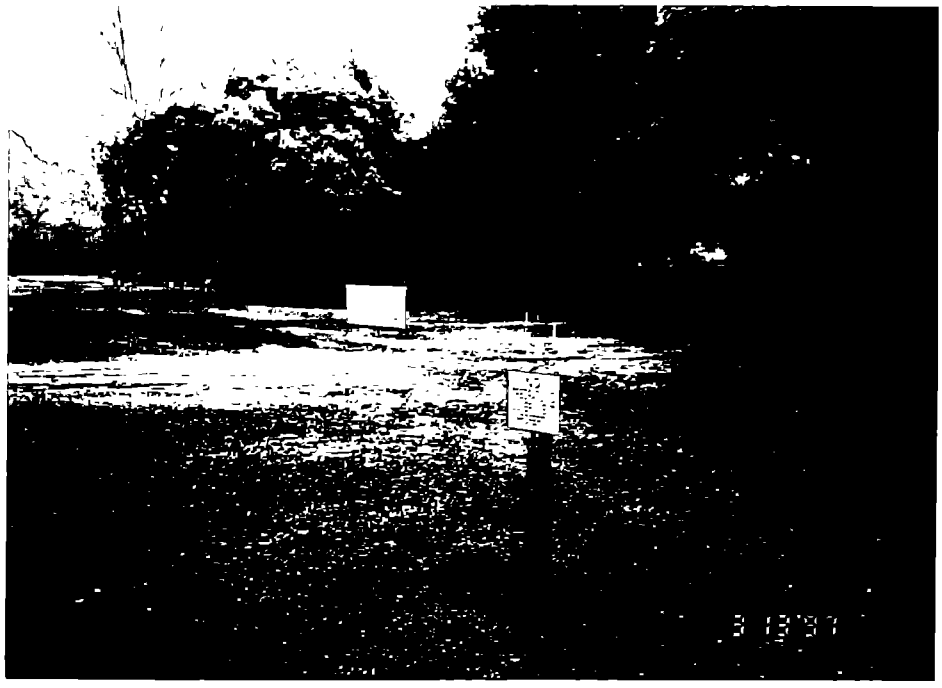
103rd St. (Hawkins Residence) Pipeline Repair
Photograph Log

3	12/17/96	Wetting house during demolition or dust suppression	103rd St., Jacksonville, FL

4	12/17/96	Preparing to demolish house at 103rd Street property	103rd St., Jacksonville, FL

103rd St. (Hawkins Residence) Pipeline Repair
Photograph Log

5	3/13/97	View looking east at restored Kerr-McGee asphalt slab	103rd St., Jacksonville, FL



6	3/13/97	View looking southeast at restored 103rd Street site	103rd St., Jacksonville, FL

103rd St. (Hawkins Residence) Pipeline Repair
Photograph Log

7	3/13/97	View looking west at restored 103rd Street site	103rd St., Jacksonville, FL

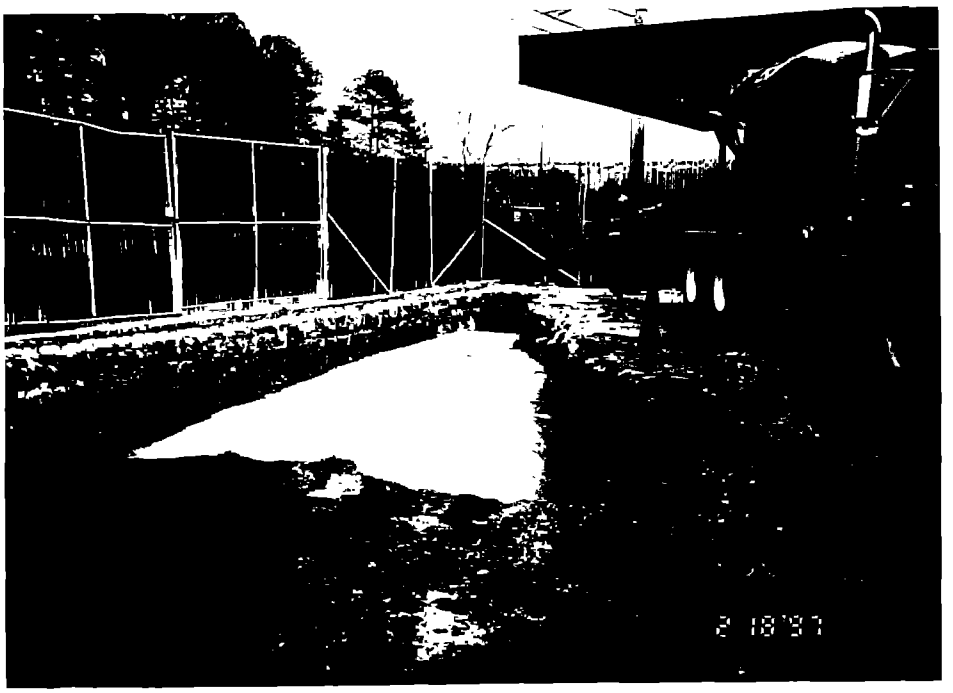
8	2/26/97	View looking west at excavation on D.O.T. right-of-way	103rd St., Jacksonville, FL

103rd St. (Hawkins Residence) Pipeline Repair
Photograph Log

9	2/26/97	Cement staining in CLSM backfill	103rd St., Jacksonville, FL

10	2/25/97	Placing CLSM backfill in D.O.T. right-of-way	103rd St., Jacksonville, FL

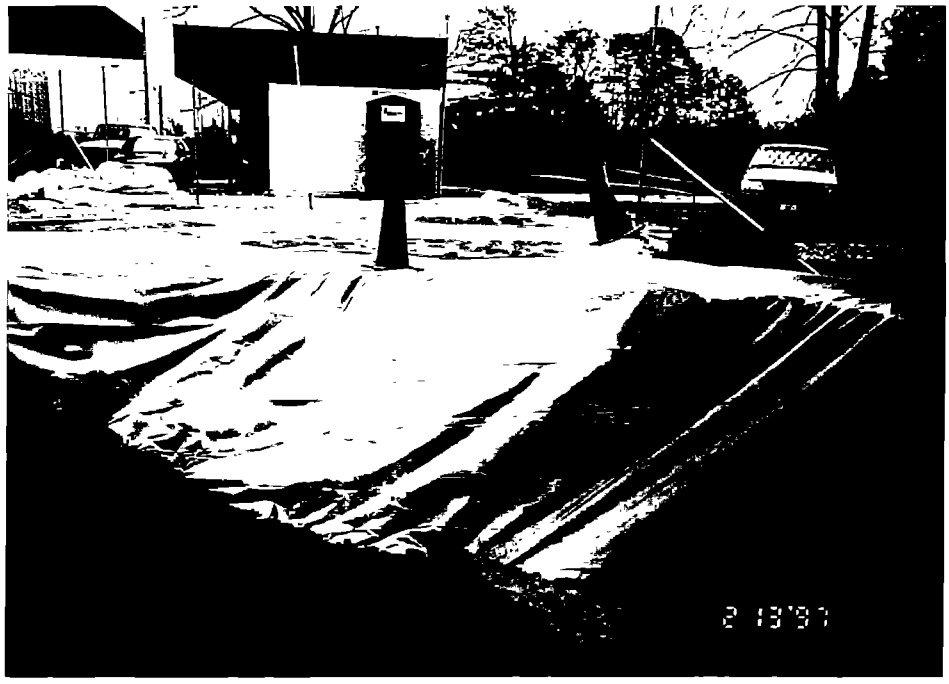
103rd St. (Hawkins Residence) Pipeline Repair
Photograph Log



11	2/18/97	Placing CLSM backfill under Kerr-McGee asphalt slab area	103rd St., Jacksonville, FL

12	2/13/97	Loading truck with contaminated soil for shipment to NAS Jacksonville	103rd St., Jacksonville, FL

103rd St. (Hawkins Residence) Pipeline Repair
Photograph Log



13	2/13/97	Visquine barrier placed between remediated area and former UST area on Kerr-McGee property	103rd St., Jacksonville, FL

14	1/30/97	Backfilling excavation area at northwest corner of property.	103rd St., Jacksonville, FL

103rd St. (Hawkins Residence) Pipeline Repair
Photograph Log

15	Feb-97	Excavation limit 10' from concrete electrical pole.	103rd St., Jacksonville, FL

16	Feb-97	Excavation limit indicated by sand fill at Kerr-McGhee form	103rd St., Jacksonville, FL

103rd St. (Hawkins Residence) Pipeline Repair
Photograph Log

17	Feb-97	elevation.	103rd St., Jacksonville, FL

18	Feb-97	Bringing clean fill to site to restore property elevation.	103rd St., Jacksonville, FL

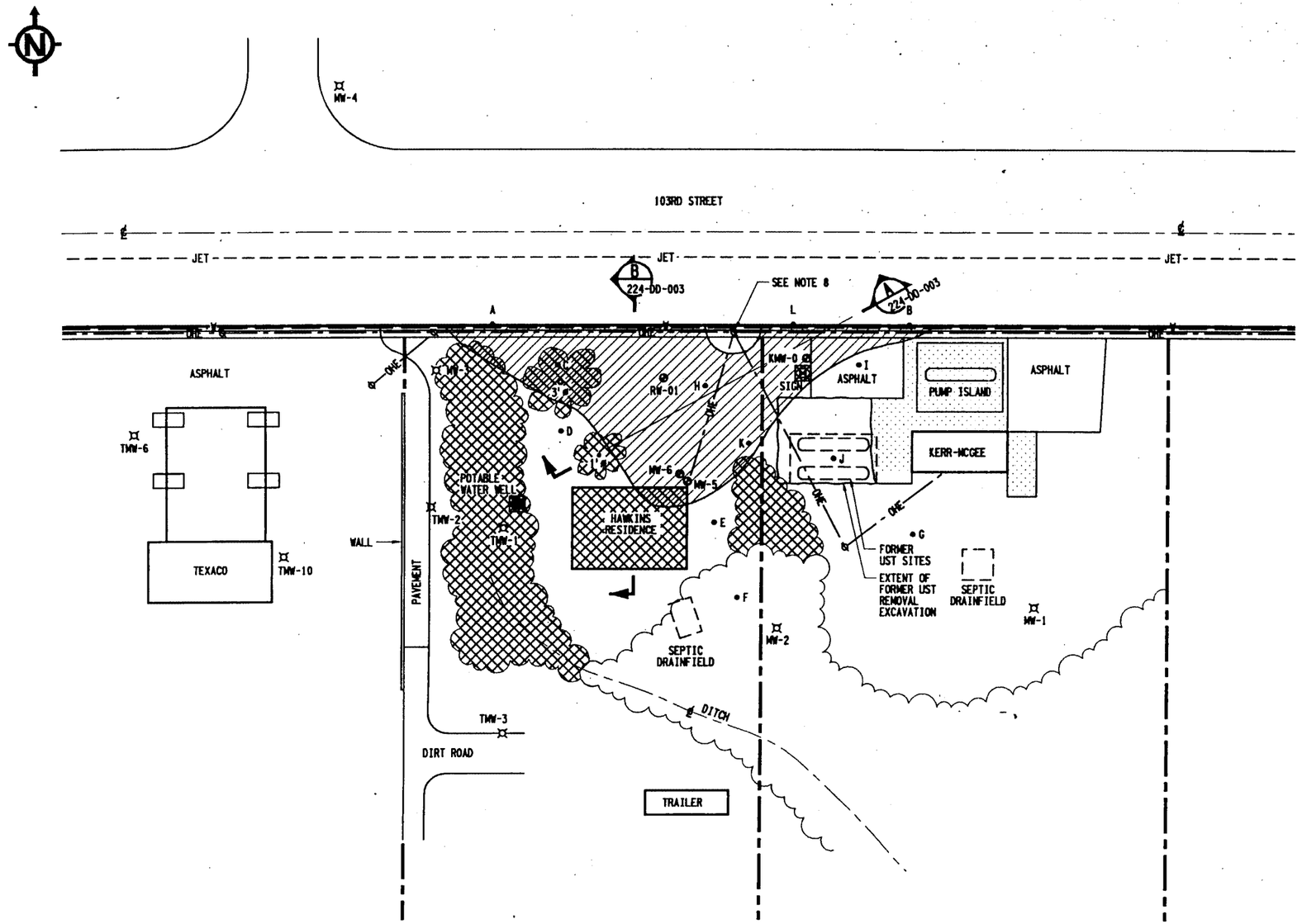
103rd St. (Hawkins Residence) Pipeline Repair
Photograph Log

19	Feb-97	Compacting clean fill for site restoration.	103rd St., Jacksonville, FL

20	Feb-97	View looking west at site backfill grading and compaction.	103rd St., Jacksonville, FL

APPENDIX B

DRAWINGS



SITE PLAN

1" = 30'

MONITORING WELL INFORMATION, APRIL 16, 1996				
WELL NUMBER	DEPTH TO WATER FROM TOC (FT)	ELEVATION OF TOC *	ELEVATION OF WATER TABLE	WELL DEPTH BLS (FT)
MW-1	2.35	92.60	90.25	12.90
MW-2	1.60	93.53	91.93	13.35
MW-3	3.43	98.76	95.33	15.40
MW-4	2.94	99.20	96.26	15.18
MW-5	1.48	95.06	93.58	13.50
MW-6	2.35	95.19	92.84	24.80
TWW-1	1.34	95.52	94.18	18.98
TWW-2	2.34	NA	NA	14.00
TWW-3	1.16	NA	NA	12.08
KMW-0	3.95	NA	NA	13.50
RW-1	2.40	NA	NA	17.80

NOTE:
TOC = TOP OF CASING
NA = NOT AVAILABLE
* ELEVATION BASED ON ARBITRARY DATUM OF 100 FT

OVM TOTAL VOC'S IN PPM, APRIL 16 & 17, 1996				
DEPTH BLS	0.5-1.0 FT	2.0-2.5 FT	3.5-4.0 FT	4.0-4.5 FT
A	0	1600	340	>10000
B	0	0	140	NR
C	5	150	2400	NR
D	0	0	NR	NR
E	3	26	NR	NR
F	6	9	NR	NR
G	0	>14000	NR	NR
H	1	82	0	NR
I	0	0	0	NR
J	0	0	0	NR
K	8	40	NR	NR
L	19	5000	6200	NR

NOTE:
BLS = BELOW LAND SURFACE
NR = NOT RECOVERED

FRANK CATER
FLORIDA PE #42508
EXPIRES FEBRUARY 28, 1997

SEAL

NOTES

1. EXCAVATION WILL TERMINATE AT GROUNDWATER PLUS ONE FT IN THE VERTICAL DIRECTION (VARIES FROM 5.0 FT @ ROAD TO 2.5 FT @ HOUSE).
2. SIDEWALL CONFIRMATION SAMPLES WILL BE TAKEN EVERY 50 FT. AT AREAS WHERE DEPTH OF EXCAVATION EXCEEDS 3 FT, COMPOSITE SAMPLES WILL BE TAKEN 1 FT ON CENTER VERTICALLY.
3. NO FLOOR SAMPLES WILL BE TAKEN, SINCE EXCAVATION IS TO GROUNDWATER PLUS 1 FT.
4. HORIZONTAL EXTENT OF EXCAVATION WILL BE DETERMINED BY HEADSPACE ANALYSIS. OVM READINGS OF <50 PPM DEMONSTRATE CLEAN SOIL CRITERIA FOR EXCAVATION. OTHER HORIZONTAL LIMITS INCLUDE: THE ROAD, POWER POLES, KERR-McGEE STRUCTURES, AND UNDERGROUND UTILITIES.
5. BEFORE THE HAWKINS RESIDENCE IS DEMOLISHED A LICENSED LEAD AND ASBESTOS INSPECTION CONTRACTOR WILL INSPECT THE HOUSE. IF NECESSARY A LICENSED ABATEMENT CONTRACTOR WILL BE USED.
6. BEFORE EXCAVATION, THE MONITORING WELLS AND THE PRIVATE WATER WELL WILL BE ABANDONED BY A FLORIDA LICENSED WATER WELL DRILLER IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.
7. DURING EXCAVATION WORK ADJACENT TO 103RD STREET, TRAFFIC CONTROL SHALL BE IMPLEMENTED TO DIRECT VEHICLES A MINIMUM OF ONE FULL LANE FROM EDGE OF ROAD (FACE OF CUT). LANE CLOSURE WILL BE COORDINATED WITH LOCAL AUTHORITIES. LIMIT OF EXCAVATION BESIDE STREET WILL BE IN ACCORDANCE WITH FDOT/LOCAL/COUNTY REQUIREMENTS.
8. DO NOT EXCAVATE IN THE AREA OF THE POWER POLE IN SUCH A MANNER AS TO COMPROMISE INTEGRITY OF THE POLE.
9. EXCAVATION ALONG 103RD STREET FACE OF CUT IS NOT TO TBE OPEN FOR MORE THAN A PERIOD OF FOUR HOURS BEFORE BEING BACKFILLED. EXCAVATION IN THIS AREA IS NOT TO BE PERFORMED DURING RAINFALL EVENTS.

REFERENCE DRAWING

SECTIONS	224-DD-003

LEGEND

- PROPERTY LINE
- JET — UNDERGROUND JET FUEL LINE
- OHE — OVERHEAD ELECTRIC LINE
- W — UNDERGROUND WATER LINE
- TREE LINE
- TREE
- POWER POLE
- F — SAMPLING POINTS
- MW-1 — MONITORING WELL
- MW-6 — MONITORING WELL TO BE REMOVED DURING EXCAVATION
- CONCRETE PAD AT KERR-MCGEE PROPERTY
- OBJECTS TO BE DEMOLISHED
- AREA OF EXCAVATION

0 30 60 90
1"=30'

NO.	DATE	REVISIONS	BY	CHKR	DESIGN ENGR	ENGR	PROJ ENGR	MICRO FLMD
0	6/18/96	ISSUED FOR CONSTRUCTION	JED	JTM	NJA	FBC	FBC	

SCALE 1" = 30'

BECHTEL ENVIRONMENTAL INC.
OAK RIDGE, TENNESSEE

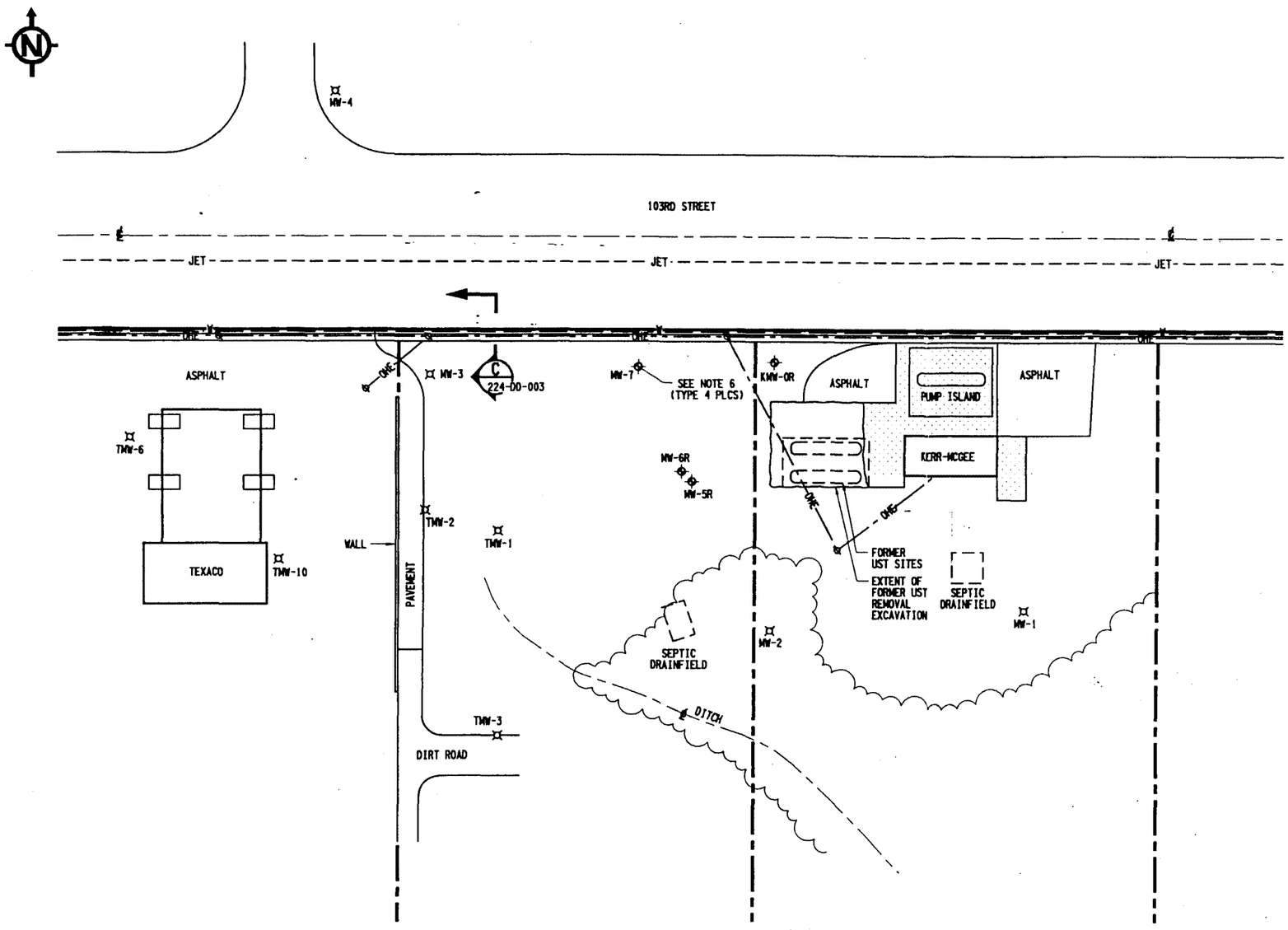
DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND
CHARLESTON, SOUTH CAROLINA

103RD STREET JET FUEL PIPELINE EXCAVATION PLAN

JOB NO.	DRAWING NO.	REV
22567	224-DD-001	0

22567 224 224D001.DGN

22 x 34



SITE PLAN

1" = 30'

NOTES

1. REPLACE SIDEWALK WITH 4 INCH, 3000 PSI CONCRETE (28 DAY STRENGTH). CONSTRUCT SIDEWALK IN ACCORDANCE WITH LOCAL ORDINANCES.
2. BACKFILL WILL BE COMPACTED TO 85% MODIFIED PROCTOR, EXCEPT IN THE AREA FROM THE ROAD SOUTH 10 FEET. THIS BACKFILL WILL BE COMPACTED TO 95% MODIFIED PROCTOR.
3. AT OPTION OF BECTHEL, AND CONTINGENT ON FDOT APPROVAL, CLSM BACKFILL WILL BE USED NEAR THE ROAD.
4. PROVIDE SLOPE ON BACKFILL TO MATCH SURROUNDING SOILS SO THAT SURFACE DRAINAGE IS SOUTHEASTERLY.
5. RESEED AREA WITH BAHIA SEED AND MULCH.
6. FOR NEW OR REPLACEMENT MONITORING WELL DETAILS, SEE DRAWING 224-DD-003.

REFERENCE DRAWINGS

SECTIONS	224-DD-003

LEGEND

- PROPERTY LINE
- JET — UNDERGROUND JET FUEL LINE
- OHE — OVERHEAD ELECTRIC LINE
- W — UNDERGROUND WATER LINE
- TREE LINE
- MW-7 — NEW OR REPLACEMENT MONITORING WELL
- MW-1 — MONITORING WELL
- CONCRETE PAD AT KERR-MCGEE PROPERTY

0 30 60 90
1"=30'

NO.	DATE	REVISIONS	BY	CHKR	MISION SUPV	ENGR	PROJ ENGR	MECH. FLMD
0	6/18/96	ISSUED FOR CONSTRUCTION	JED	JTM	NJA	FBC	FBC	

SCALE 1"=30'

BECHTEL ENVIRONMENTAL INC.
OAK RIDGE, TENNESSEE

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND
CHARLESTON, SOUTH CAROLINA

103RD STREET JET FUEL PIPELINE
RESTORATION PLAN

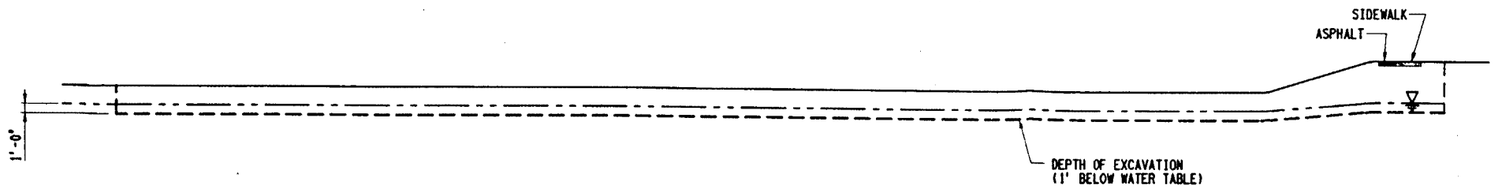
JOB NO.	DRAWING NO.	REV
22567	224-DD-002	0

22567 224 224D002.DGN

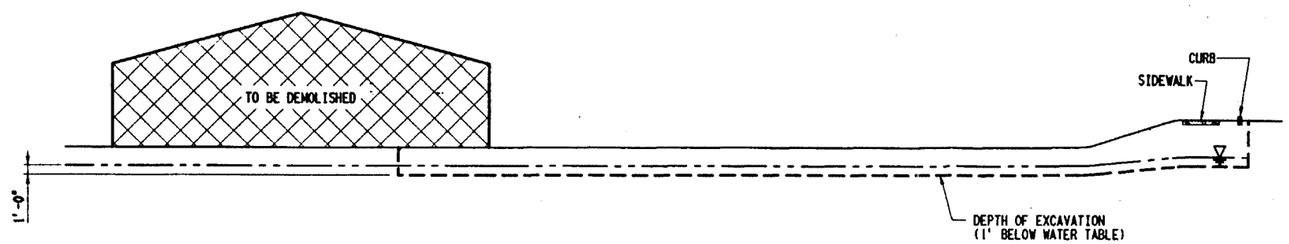
FRANK CATER
FLORIDA PE #42508
EXPIRES FEBRUARY 28, 1997

SEAL

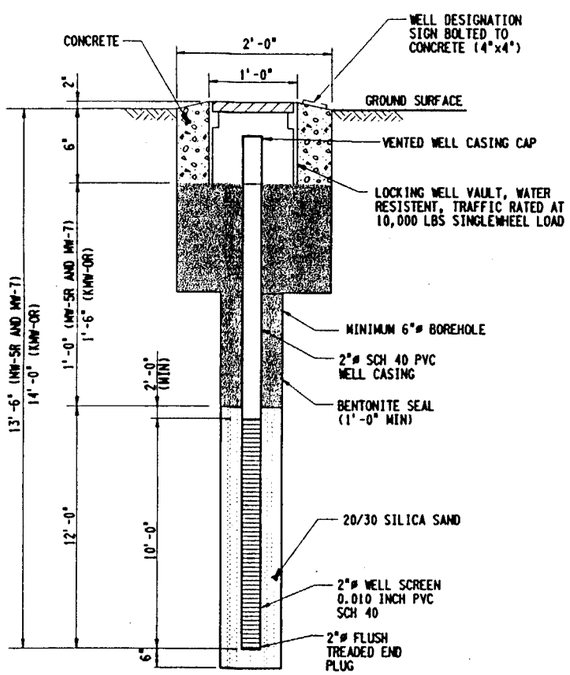
22 x 34



SECTION A
1/8"=1'-0"
224-DD-001

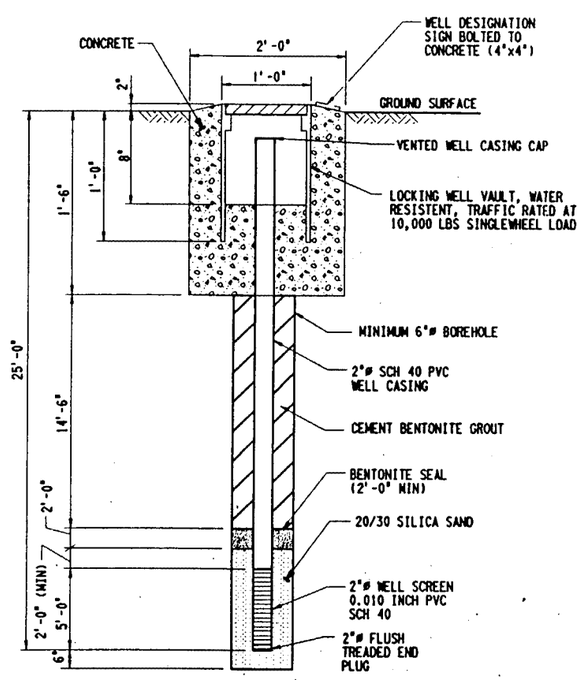


SECTION B
1/8"=1'-0"
224-DD-001



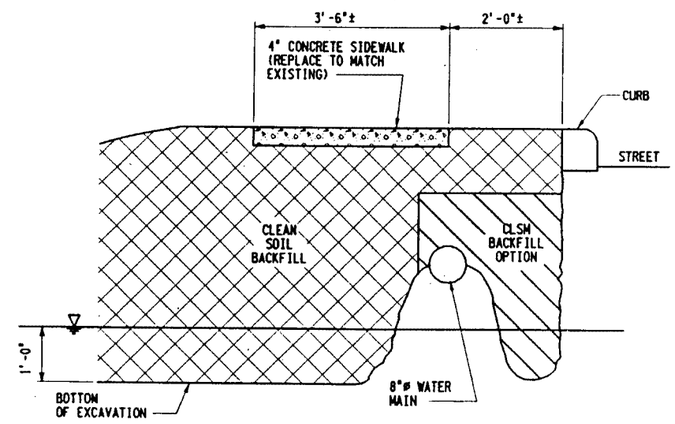
NOTE: LOCATIONS SHOWN ON DWG 224-DD-002.

TYPICAL MONITORING WELL
AT LOCATIONS MW-5R, MW-7 & KMW-OR
NTS



NOTE: LOCATION SHOWN ON DWG 224-DD-002.

MONITORING WELL
AT LOCATION MW-6R
NTS



SECTION C
3/4"=1'-0"
224-DD-002

FRANK B. CATER
FLORIDA PE #42508
EXPIRES FEBRUARY 28, 1997

SEAL

NOTES

REFERENCE DRAWINGS

EXCAVATION PLAN	224-DD-001
RESTORATION PLAN	224-DD-002

LEGEND

NO.	DATE	REVISIONS	BY	CHKR	DESIGN ENGR	ENGR	PROJ ENGR	MICRO FLM
0	6/18/96	ISSUED FOR USE	JED	JTM	NJA	FBC	FBC	

SCALE NOTED

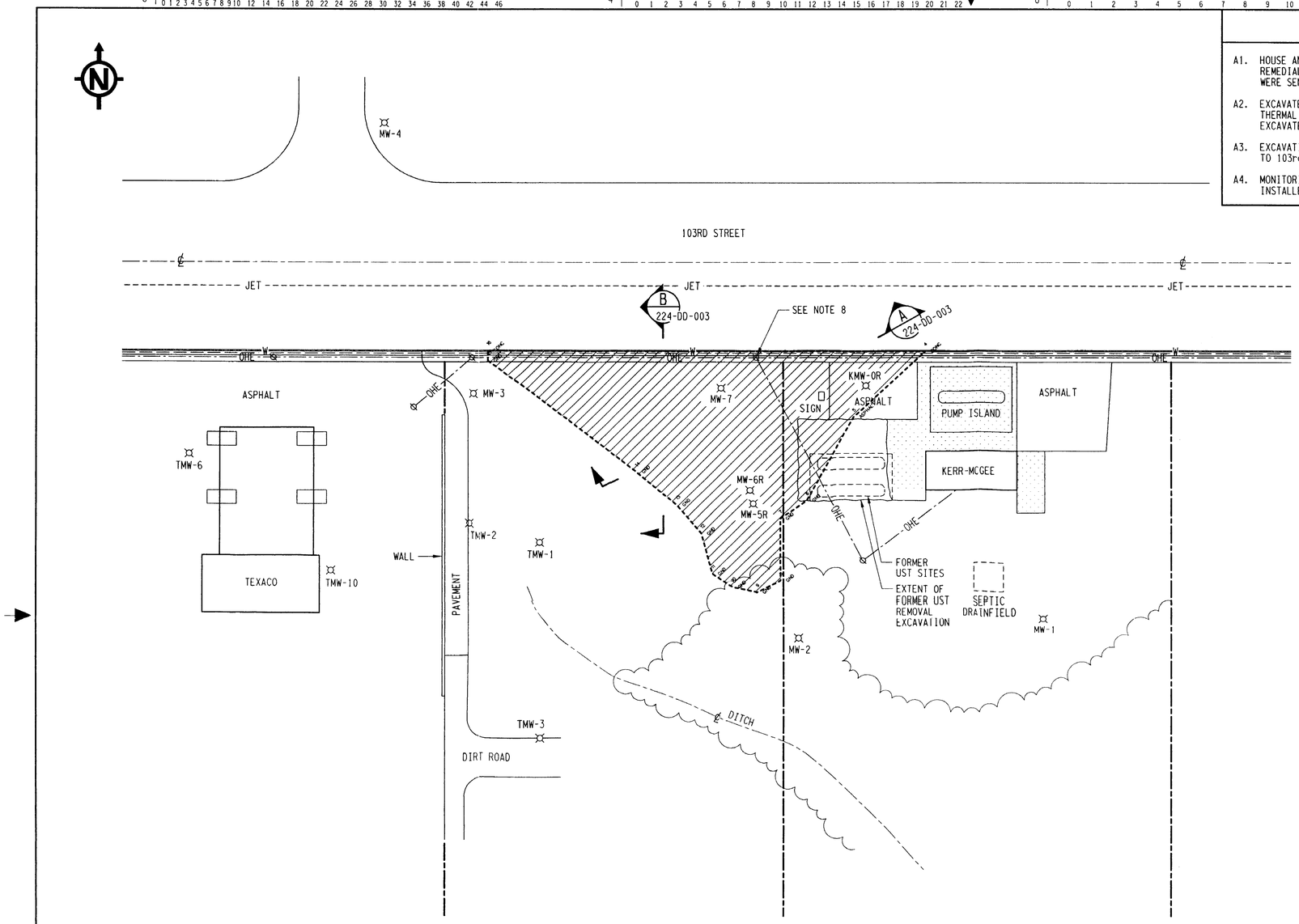
BECHTEL ENVIRONMENTAL INC.
OAK RIDGE, TENNESSEE

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND
CHARLESTON, SOUTH CAROLINA

103RD STREET JET FUEL PIPELINE
SECTIONS

JOB NO.	DRAWING NO.	REV
22567	224-DD-003	0

22567 224 224D003.DGN



SITE PLAN
1" = 30'

AS-BUILT NOTES

A1. HOUSE AND TRAILER WERE DEMOLISHED IN ACCORDANCE WITH REMEDIAL WORK PLAN. A TOTAL OF 301.28 TONS OF DEBRIS WERE SENT TO THE LANDFILL.

A2. EXCAVATED SOIL WAS SHIPPED TO NAS JACKSONVILLE FOR THERMAL TREATMENT. A TOTAL OF 4,032 CY OF SOIL WAS EXCAVATED FROM THE SITE.

A3. EXCAVATION DEPTH RANGED FROM 84" IN THE NORTH ADJACENT TO 103rd STREET TO 60" AT THE SOUTHERN EXCAVATION LIMIT.

A4. MONITORING WELLS MW-5R, MW-6R, MW-7, AND KMW-OR WERE INSTALLED AFTER COMPLETION OF SOIL REMEDIATION.

NOTES

1. EXCAVATION WILL TERMINATE AT GROUNDWATER PLUS ONE FT IN THE VERTICAL DIRECTION (VARIES FROM 5.0 FT @ ROAD TO 2.5 FT @ HOUSE).
2. SIDEWALL CONFIRMATION SAMPLES WILL BE TAKEN EVERY 50 FT. AT AREAS WHERE DEPTH OF EXCAVATION EXCEEDS 3 FT, COMPOSITE SAMPLES WILL BE TAKEN 1 FT ON CENTER VERTICALLY.
3. NO FLOOR SAMPLES WILL BE TAKEN, SINCE EXCAVATION IS TO GROUNDWATER PLUS 1 FT.
4. HORIZONTAL EXTENT OF EXCAVATION WILL BE DETERMINED BY HEADSPACE ANALYSIS. OVM READINGS OF <50 PPM DEMONSTRATE CLEAN SOIL CRITERIA FOR EXCAVATION. OTHER HORIZONTAL LIMITS INCLUDE: THE ROAD, POWER POLES, KERR-McGEE STRUCTURES, AND UNDERGROUND UTILITIES.
5. BEFORE THE HAWKINS RESIDENCE IS DEMOLISHED A LICENSED LEAD AND ASBESTOS INSPECTION CONTRACTOR WILL INSPECT THE HOUSE. IF NECESSARY A LICENSED ABATEMENT CONTRACTOR WILL BE USED.
6. BEFORE EXCAVATION, THE MONITORING WELLS AND THE PRIVATE WATER WELL WILL BE ABANDONED BY A FLORIDA LICENSED WATER WELL DRILLER IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.
7. DURING EXCAVATION WORK ADJACENT TO 103RD STREET, TRAFFIC CONTROL SHALL BE IMPLEMENTED TO DIRECT VEHICLES A MINIMUM OF ONE FULL LANE FROM EDGE OF ROAD (FACE OF CUT). LANE CLOSURE WILL BE COORDINATED WITH LOCAL AUTHORITIES. LIMIT OF EXCAVATION BESIDE STREET WILL BE IN ACCORDANCE WITH FDOT/LOCAL/COUNTY REQUIREMENTS.
8. DO NOT EXCAVATE IN THE AREA OF THE POWER POLE IN SUCH A MANNER AS TO COMPROMISE INTEGRITY OF THE POLE.
9. EXCAVATION ALONG 103RD STREET FACE OF CUT IS NOT TO TBE OPEN FOR MORE THAN A PERIOD OF FOUR HOURS BEFORE BEING BACKFILLED. EXCAVATION IN THIS AREA IS NOT TO BE PERFORMED DURING RAINFALL EVENTS.

REFERENCE DRAWING

SECTIONS	224-DD-003

LEGEND

———	PROPERTY LINE
------JET------	UNDERGROUND JET FUEL LINE
—·—·—OHE—·—·—	OVERHEAD ELECTRIC LINE
— — — —W— — — —	UNDERGROUND WATER LINE
⌒⌒⌒	TREE LINE
⊘	POWER POLE
⌑ MW-1	MONITORING WELL
	CONCRETE PAD AT KERR-MCGEE PROPERTY
	AREA OF EXCAVATION

0 30 60 90
1" = 30'

NO.	DATE	REVISIONS	BY	CHKR	DESIGN SUPV	ENGR	PROJ ENGR	MICRO FILMD
1	6/12/97	REVISED PER AS-BUILT CONDITIONS	JED	LMB	LMB	DFO	DFO	
0	6/18/96	ISSUED FOR CONSTRUCTION	JED	JTM	NJA	FBC	FBC	

SCALE 1" = 30'

BECHTEL ENVIRONMENTAL INC.
OAK RIDGE, TENNESSEE

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND
CHARLESTON, SOUTH CAROLINA

103RD STREET JET FUEL PIPELINE
EXCAVATION PLAN

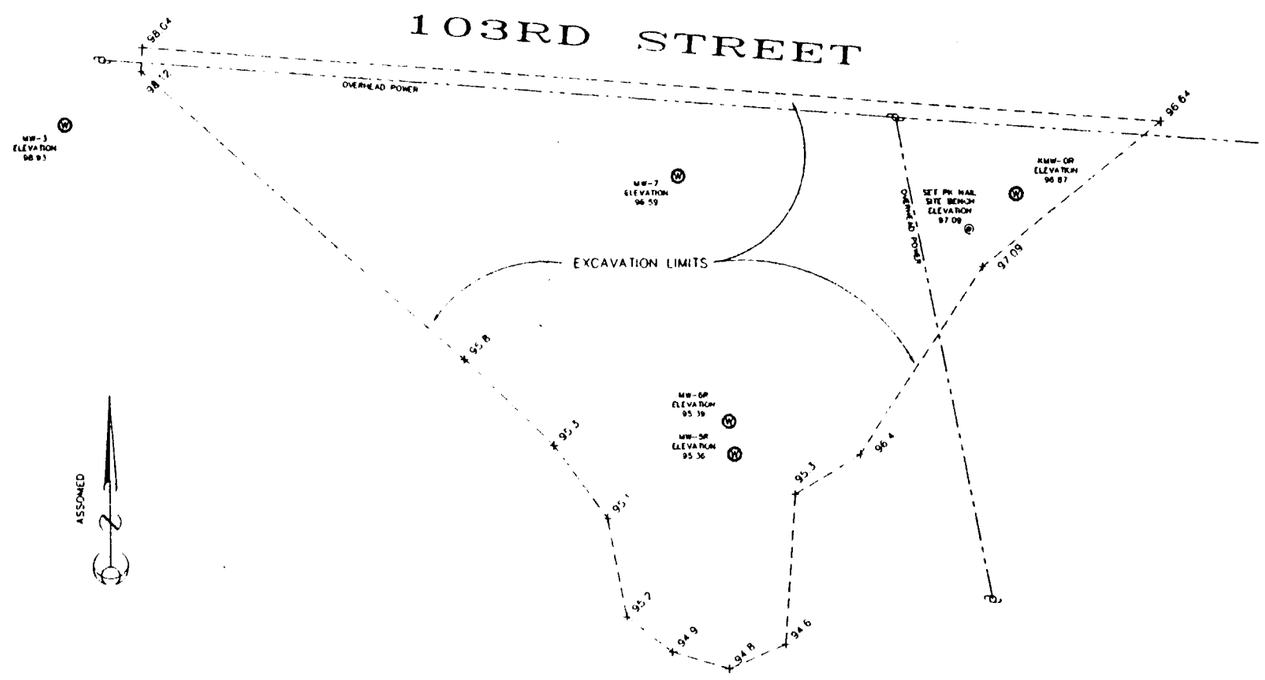
JOB NO.	DRAWING NO.	REV
22567	224-DD-001	1

22567 224 224D001.DGN

REV 7/92

22 X 34

MAP SHOWING TOPOGRAPHIC SURVEY OF
103RD STREET JET FUEL PIPELINE
EXCAVATION LIMITS
DUVAL COUNTY, FLORIDA
TASK NO. 15



UTILITY POLE

DENOTES MONITORING WELL

x 25.1 DENOTES ELEVATIONS

SCALE: 1" = 20'

20 0 20 40 60

1.) THIS SURVEY REPRESENTS CONDITIONS AS THEY EXISTED ON THE DATE SHOWN AND CAN ONLY BE CONSIDERED INDICATIVE OF CONDITIONS AT THAT TIME.
2.) THIS IS A SURFACE SURVEY ONLY. NO UNDERGROUND STRUCTURES, FOUNDATIONS OR UTILITIES WERE LOCATED BY THIS SURVEY, OTHER THAN THOSE SHOWN.

RICHARD J. JENKINS
FLORIDA REGISTERED LAND SURVEYOR NO. 4421

UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR, THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID

W.O. NO.: 97039-C	DATED: 3/26/97
DRAFTED BY: WF	CHECKED BY: RJJ
CAD FILE: 97139.DWG	FB 62, PG 19,20

L.D. BRADLEY LAND SURVEYOR
5274 RAMONA BOULEVARD
JACKSONVILLE, FLORIDA 32205
(904) 786-6400 OFFICE (904) 786-1479 FAX No.

LEGEND

OR NO.: 97139-C

APPENDIX D

PETROLEUM CONTAMINATED SOIL POST-BURN ANALYSIS

12353

Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

February 26, 1997

Mr. Brian Kizer, Code 1842
Southern Division
NAVFACENGCOM
P.O. Box 190010
N. Charleston, SC 29419-9010

RE: Alternate Procedure for Soil Transport for 103rd Street and FISC Sites. Jacksonville, Florida

Dear Mr. Kizer:

The Department concurs with your Alternate Procedure request for the above referenced sites. I have enclosed an Approval of Alternate Procedure Order signed by Mr. John Ruddell, documenting the provisions of the referenced order.

If I can be of any further assistance in this matter, please contact me at 904/488-3935.

Sincerely,

Jorge R. Caspary, P.G.

cc: Diane Lancaster, NAS JAX
Hermann Bauer, Bechtel-Jacksonville

TJB JJC ESN

cvrlt.doc

RECEIVED
MAR 06 1997
V. HERMANN BAUER

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL PROTECTION

IN RE: File No. AP-PC0084

Department of the Navy)
Commanding Officer)
Jacksonville Naval Air Station)
Request Pursuant to Florida)
Administrative Code Rule 62-770.890)

APPROVAL OF ALTERNATE PROCEDURES

This cause comes before me upon receipt of a request by the Department of the Navy for approval of alternate procedures and requirements, for the 103rd Street site located at 6952 103rd Street in Jacksonville and the Fleet and Industrial Supply Center (FISC) located at Sommers Road and St. Johns River, in Jacksonville, Florida, pursuant to Rule 62-770.890, Florida Administrative Code (F.A.C.).

FINDINGS OF FACT

1. The applicant requests that exceptions be granted for compliance with Rule 62-770.300, F.A.C., that allows the transport of petroleum product contaminated soil from the 103rd Street and the FISC sites to Naval Air Station Jacksonville for subsequent thermal treatment in accordance with Rule 62-775.700 (11) and (12), F.A.C.

2. The Department of the Navy has performed a Contamination Assessment which determined the extent of contaminated soil at both the 103rd Street and the FISC sites. It has been established that extensive soil

contamination exists at both sites. A preliminary estimate indicates the volume of contaminated soil to be excavated from the 103rd Street Site is 3,500 tons. Likewise, a preliminary estimate indicates the volume of contaminated soil to be excavated from the FISC site is 2,000 tons. Evaluation of cleanup options has resulted in a determination that thermal treatment at the Station is the preferred method of soil decontamination.

3. Due to limited space at both the 103rd Street and FISC sites, transport of the contaminated soil to a more spacious facility located at the Jacksonville Naval Air Station is necessary to effectively remediate the soil.

4. The Department of the Navy does not intend to apply for reimbursement from FDEP for any expenses associated with any phase of the project. Removal and remediation of the free product will be funded solely by the Department of the Navy and no reimbursement claim under either the Early Detection Incentive Program, the Abandoned Tank Restoration Program, or against any other fund of Florida public monies for cleanup cost reimbursement will be made.

Based on the information provided by the applicant, the Department finds that the applicant's request is reasonable and will provide environmental protection substantially equivalent to that provided by compliance with the requirements established in Florida Administrative Code Rule 62-770.300.

CONCLUSIONS OF LAW

Rule 62-770.890, F.A.C., authorizes the approval by the Secretary or her designee of alternate procedures and requirements concerning the regulation of petroleum contamination site cleanup criteria.

The Department concludes that the applicant has adequately demonstrated that the proposed alternate procedure provides a substantially equivalent degree of protection for the lands, surface waters, and groundwaters of the State as the established requirements and that the alternate procedure is at least as effective as the established requirements.

Upon consideration of the foregoing, it is therefore ORDERED that the Department of the Navy's request for an alternate procedure and requirement is GRANTED.

Persons whose substantial interests are affected by the above proposed action have a right, pursuant to Section 120.57, F.S., to petition for an administrative determination (hearing) on the proposed action. The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 21 days of publication of this notice. A copy of the Petition must also be mailed at the time of filing to the Department of the Navy. Failure to file a petition within the 21 days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section

120.57, F.S. Please be advised that mediation of this decision pursuant to 120.573 is available.

The petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner; the Department's identification number and the county in which the subject matter or activity is located;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by the petitioner, if any;

(e) A statement of facts which the petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action;

(g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Order. Persons whose

substantial interests will be affected by any decision of the Department with regard to the subject agency proposed action have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 21 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

When the Order is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes by filing a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal, accompanied by the applicable filing fees, with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

DONE AND ORDERED this 20th day of February, 1997 in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

John M. Ruddell

John M. Ruddell, Director
Division of Waste Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

13053-

DHRS # 82315

Southeastern Environmental Laboratories, Inc.

80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #8

Post-it® Fax Note 7671	Date 5/14	# of pages ▶
To Ron Kosmacher	From C Bush	
Co./Dept.	Co.	
Phone #	Phone # 269-6076	
Fax # 908-9038	Fax #	

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9705000100
REPORTED DATE: 05/14/97

DESCRIPTION	SAMPLE ID
SOIL COMPOSITE 235 TONS	POST224001

SAMPLE DATE: 05/09/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DAT
Bromodichloromethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13
Bromoform	83280	U 1.0	UG/KG	8010	KB	1445	05/13
Carbontetrachloride	83280	U 1.0	UG/KG	8010	KB	1445	05/13
Chlorobenzene	83280	U 1.0	UG/KG	8010	KB	1445	05/13
Chloroethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13
2-Chloroethylvinylether	83280	U 1.0	UG/KG	8010	KB	1445	05/13
Chloroform	83280	U 1.0	UG/KG	8010	KB	1445	05/13
Chloromethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13
Dibromochloromethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13
1,2-Dichlorobenzene	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
1,3-Dichlorobenzene	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
1,4-Dichlorobenzene	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
Dichlorodifluoromethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
1,1-Dichloroethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
1,2-Dichloroethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
1,1-Dichloroethene	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
Trans-1,2-Dichloroethene	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
1,2-Dichloropropane	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
Methylene Chloride	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
1,1,2,2-Tetrachloroethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
Tetrachloroethene	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
1,1,1-Trichloroethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
1,1,2-Trichloroethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
Trichloroethene	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
Trichlorofluoromethane	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
Vinyl Chloride	83280	U 1.0	UG/KG	8010	KB	1445	05/13/
1,2-Dichlorobenzene	83280	U 1.0	UG/KG	8020	KB	1445	05/13/
1,3-Dichlorobenzene	83280	U 1.0	UG/KG	8020	KB	1445	05/13/
1,4-Dichlorobenzene	83280	U 1.0	UG/KG	8020	KB	1445	05/13/

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-8217

CQAP #880633G

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40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9705000100
REPORTED DATE: 05/14/97

DESCRIPTION	SAMPLE ID
SOIL COMPOSITE	POST224001

SAMPLE DATE: 05/09/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DAT
Benzene	83280	U 1.0	UG/KG	8020	KB	1445	05/13
Chlorobenzene	83280	U 1.0	UG/KG	8020	KB	1445	05/13
Ethylbenzene	83280	U 1.0	UG/KG	8020	KB	1445	05/13
Toluene	83280	U 1.0	UG/KG	8020	KB	1445	05/13
Xylenes	83280	U 1.0	UG/KG	8020	KB	1445	05/13
Methyl T-Butyl Ether	83280	U 1.0	UG/KG	8020	KB	1445	05/13
Arsenic	83281	U 0.25	MG/KG	6010	TS	1000	05/13
Barium	83281	5.38	MG/KG	6010	TS	1000	05/13
Cadmium	83281	0.120	MG/KG	6010	TS	1000	05/13,
Selenium	83281	U 0.25	MG/KG	6010	TS	1000	05/13,
Chromium	83281	2.69	MG/KG	7190	LC	1935	05/12,
Lead	83281	5.80	MG/KG	7420	LC	1915	05/12/
Mercury	83281	U 0.005	MG/KG	7471	LC	1715	05/13/
Silver	83281	U 0.2	MG/KG	7760	LC	2000	05/12/
1-Methylnapthalene	83281	U 0.04	MG/KG	8100	KB	1548	05/13/
2-Methylnapthalene	83281	U 0.05	MG/KG	8100	KB	1548	05/13/
Acenaphthene	83281	U 0.03	MG/KG	8100	KB	1548	05/13/
Acenaphthylene	83281	U 0.03	MG/KG	8100	KB	1548	05/13/
Anthracene	83281	U 0.04	MG/KG	8100	KB	1548	05/13/
Benzo(A)Anthracene	83281	U 0.06	MG/KG	8100	KB	1548	05/13/
Benzo(A)Pyrene	83281	U 0.1	MG/KG	8100	KB	1548	05/13/
Benzo(B)Fluoranthene	83281	U 0.1	MG/KG	8100	KB	1548	05/13/
Benzo(K)Fluoranthene	83281	U 0.1	MG/KG	8100	KB	1548	05/13/
Benzo(G,H,I)Perylene	83281	U 0.1	MG/KG	8100	KB	1548	05/13/
Chrysene	83281	U 0.06	MG/KG	8100	KB	1548	05/13/
Dibenzo(A,H)Anthracene	83281	U 0.1	MG/KG	8100	KB	1548	05/13/
Fluoranthene	83281	U 0.03	MG/KG	8100	KB	1548	05/13/
Fluorene	83281	U 0.04	MG/KG	8100	KB	1548	05/13/
Indeno(1,2,3-CD)Pyrene	83281	U 0.1	MG/KG	8100	KB	1548	05/13/

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-6217

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9705000100
REPORTED DATE: 05/14/97

DESCRIPTION	SAMPLE ID
SOIL COMPOSITE	POST224001

SAMPLE DATE: 05/09/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DAT
Naphthalene	83281	U 0.05	MG/KG	8100	KB	1548	05/13
Phenanthrene	83281	U 0.04	MG/KG	8100	KB	1548	05/13
Pyrene	83281	U 0.04	MG/KG	8100	KB	1548	05/13
Tot. Recover. Petroleum Hydrocarbo	83281	U 5.0	MG/KG	9073	KB	1230	05/13

13952

DHRS # 82315

Southeastern Environmental Laboratories, Inc.

80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-8217

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS-JAX
SUBMISSION NUMBER: 9705000115
REPORTED DATE: 05/15/97

DESCRIPTION | SAMPLE ID

POST-224-002 SOIL COMP. 213 TONS

SAMPLE DATE: 05/13/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Bromoform	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Carbontetrachloride	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Chlorobenzene	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Chloroethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
2-Chloroethylvinylether	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Chloroform	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Chloromethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Dibromochloromethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,2-Dichlorobenzene	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,3-Dichlorobenzene	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,4-Dichlorobenzene	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Dichlorodifluoromethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,1-Dichloroethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,2-Dichloroethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,1-Dichloroethene	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Trans-1,2-Dichloroethene	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,2-Dichloropropane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Methylene Chloride	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,1,2,2-Tetrachloroethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Tetrachloroethene	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,1,1-Trichloroethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,1,2-Trichloroethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Trichloroethene	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Trichlorofluoromethane	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
Vinyl Chloride	83373	U 1.0	UG/KG	8010	JG	1706	05/13/
1,2-Dichlorobenzene	83373	U 1.0	UG/KG	8020	JG	1706	08/13/
1,3-Dichlorobenzene	83373	U 1.0	UG/KG	8020	JG	1706	08/13/
1,4-Dichlorobenzene	83373	U 1.0	UG/KG	8020	JG	1706	08/13/

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
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(904) 269-6176

DHRS E-8217

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT.
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS-JAX
SUBMISSION NUMBER: 9705000115
REPORTED DATE: 05/15/97

DESCRIPTION SAMPLE ID

POST-224-002 SOIL COMP.

SAMPLE DATE: 05/13/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	83373	U 1.0	UG/KG	8020	JG	1706	08/13/
Chlorobenzene	83373	U 1.0	UG/KG	8020	JG	1706	08/13/
Ethylbenzene	83373	U 1.0	UG/KG	8020	JG	1706	08/13/
Toluene	83373	U 1.0	UG/KG	8020	JG	1706	08/13/
Xylenes	83373	U 1.0	UG/KG	8020	JG	1706	08/13/
Methyl T-Butyl Ether	83373	U 1.0	UG/KG	8020	JG	1706	08/13/
Arsenic	83374	U 0.25	MG/KG	6010	TS	1230	05/14/
Barium	83374	4.95	MG/KG	6010	TS	1230	05/14/
Cadmium	83374	U 0.1	MG/KG	6010	TS	1230	05/14/
Selenium	83374	U 0.25	MG/KG	6010	TS	1230	05/14/
Chromium	83374	2.99	MG/KG	7190	LC	1400	05/14/
Lead	83374	5.38	MG/KG	7420	LC	1330	05/14/
Mercury	83374	U 0.005	MG/KG	7471	LC	1830	05/14/
Silver	83374	0.210	MG/KG	7760	LC	1245	05/14/
1-Methylnapthalene	83374	U 0.04	MG/KG	8100	KB	1756	05/13/
2-Methylnapthalene	83374	U 0.05	MG/KG	8100	KB	1756	05/13/
Acenaphthene	83374	U 0.03	MG/KG	8100	KB	1756	05/13/
Acenaphthylene	83374	U 0.03	MG/KG	8100	KB	1756	05/13/
Anthracene	83374	U 0.04	MG/KG	8100	KB	1756	05/13/
Benzo(A)Anthracene	83374	U 0.06	MG/KG	8100	KB	1756	05/13/
Benzo(A)Pyrene	83374	U 0.1	MG/KG	8100	KB	1756	05/13/
Benzo(B)Fluoranthene	83374	U 0.1	MG/KG	8100	KB	1756	05/13/
Benzo(K)Fluoranthene	83374	U 0.1	MG/KG	8100	KB	1756	05/13/
Benzo(G,H,I)Perylene	83374	U 0.1	MG/KG	8100	KB	1756	05/13/
Chrysene	83374	U 0.06	MG/KG	8100	KB	1756	05/13/
Dibenzo(A,H)Anthracene	83374	U 0.1	MG/KG	8100	KB	1756	05/13/
Fluoranthene	83374	U 0.03	MG/KG	8100	KB	1756	05/13/
Fluorene	83374	U 0.04	MG/KG	8100	KB	1756	05/13/
Indeno(1,2,3-CD)Pyrene	83374	U 0.1	MG/KG	8100	KB	1756	05/13/

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-8217

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS-JAX
SUBMISSION NUMBER: 9705000115
REPORTED DATE: 05/15/97

DESCRIPTION SAMPLE ID

POST-224-002 SOIL COMP.

SAMPLE DATE: 05/13/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DA
Naphthalene	83374	U 0.05	MG/KG	8100	KB	1756	05/1
Phenanthrene	83374	U 0.04	MG/KG	8100	KB	1756	05/1
Pyrene	83374	U 0.04	MG/KG	8100	KB	1756	05/1
Tot. Recover. Petroleum Hydrocarbo	83374	U 5.0	MG/KG	9073	KB	1700	05/1

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL
SUBMISSION NUMBER: 9705000141
REPORTED DATE: 05/19/97

DESCRIPTION SAMPLE ID

POST-224-003 227 TONS

SAMPLE DATE: 05/13/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Bromoform	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Carbontetrachloride	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Chlorobenzene	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Chloroethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
2-Chloroethylvinylether	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Chloroform	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Chloromethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Dibromochloromethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,2-Dichlorobenzene	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,3-Dichlorobenzene	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,4-Dichlorobenzene	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Dichlorodifluoromethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,1-Dichloroethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,2-Dichloroethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,1-Dichloroethene	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Trans-1,2-Dichloroethene	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,2-Dichloropropane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Methylene Chloride	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,1,2,2-Tetrachloroethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Tetrachloroethene	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,1,1-Trichloroethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,1,2-Trichloroethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Trichloroethene	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Trichlorofluoromethane	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
Vinyl Chloride	83602	U 1.0	UG/KG	8010	JG	1446	05/16/97
1,2-Dichlorobenzene	83602	U 1.0	UG/KG	8020	JG	1446	05/16/97
1,3-Dichlorobenzene	83602	U 1.0	UG/KG	8020	JG	1446	05/16/97
1,4-Dichlorobenzene	83602	U 1.0	UG/KG	8020	JG	1446	05/16/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
60 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL
SUBMISSION NUMBER: 9705000141
REPORTED DATE: 05/19/97

DESCRIPTION SAMPLE ID

POST-224-003

SAMPLE DATE: 05/13/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	83602	U 1.0	UG/KG	8020	JG	1446	05/16/97
Chlorobenzene	83602	U 1.0	UG/KG	8020	JG	1446	05/16/9
Ethylbenzene	83602	U 1.0	UG/KG	8020	JG	1446	05/16/
Toluene	83602	U 1.0	UG/KG	8020	JG	1446	05/16/97
Xylenes	83602	U 1.0	UG/KG	8020	JG	1446	05/16/97
Methyl T-Butyl Ether	83602	U 1.0	UG/KG	8020	JG	1446	05/16/97
Arsenic	83603	U 0.25	MG/KG	6010	TS	1030	05/16/97
Barium	83603	4.07	MG/KG	6010	TS	1030	05/16/97
Cadmium	83603	U 0.1	MG/KG	6010	TS	1030	05/16/97
Selenium	83603	U 0.25	MG/KG	6010	TS	1030	05/16/97
Chromium	83603	3.05	MG/KG	7190	TS	0945	05/16/97
Lead	83603	5.20	MG/KG	7420	TS	0915	05/16/97
Mercury	83603	U 0.005	MG/KG	7471	LC	1345	05/16/97
Silver	83603	U 0.2	MG/KG	7760	TS	1015	05/16/97
1-Methylnapthalene	83603	U 0.04	MG/KG	8100	KB	1440	05/16/97
2-Methylnapthalene	83603	U 0.05	MG/KG	8100	KB	1440	05/16/97
Acenaphthene	83603	U 0.03	MG/KG	8100	KB	1440	05/16/97
Acenaphthylene	83603	U 0.03	MG/KG	8100	KB	1440	05/16/97
Anthracene	83603	U 0.04	MG/KG	8100	KB	1440	05/16/97
Benzo(A)Anthracene	83603	U 0.06	MG/KG	8100	KB	1440	05/16/97
Benzo(A)Pyrene	83603	U 0.1	MG/KG	8100	KB	1440	05/16/97
Benzo(B)Fluoranthene	83603	U 0.1	MG/KG	8100	KB	1440	05/16/97
Benzo(K)Fluoranthene	83603	U 0.1	MG/KG	8100	KB	1440	05/16/9
Benzo(G,H,I)Perylene	83603	U 0.1	MG/KG	8100	KB	1440	05/16/9
Chrysene	83603	U 0.06	MG/KG	8100	KB	1440	05/16/9
Dibenzo(A,H)Anthracene	83603	U 0.1	MG/KG	8100	KB	1440	05/1
Fluoranthene	83603	U 0.03	MG/KG	8100	KB	1440	05/1
Fluorene	83603	U 0.04	MG/KG	8100	KB	1440	05/16/9
Indeno(1,2,3-CD)Pyrene	83603	U 0.1	MG/KG	8100	KB	1440	05/16/9

DHRS # 02315

Southeastern Environmental
Laboratories, Inc.
60 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL
SUBMISSION NUMBER: 9705000141
REPORTED DATE: 05/19/97

DESCRIPTION SAMPLE ID

POST-224-003

SAMPLE DATE: 05/13/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Naphthalene	83603	U 0.05	MG/KG	8100	KB	1440	05/16/
Phenanthrene	83603	U 0.04	MG/KG	8100	KB	1440	05/16/
Pyrene	83603	U 0.04	MG/KG	8100	KB	1440	05/16/97
Tot. Recover. Petroleum Hydrocarbo	83603	U 5.0	MG/KG	9073	KB	0730	05/19/97

DHRS # 82315

Southeastern Environmental Laboratories, Inc.

80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX
SUBMISSION NUMBER: 9705000193
REPORTED DATE: 05/23/97

DESCRIPTION SAMPLE ID

POST-224-004 231 TONS

SAMPLE DATE: 05/20/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Bromoform	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Carbontetrachloride	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Chlorobenzene	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Chloroethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
2-Chloroethylvinylether	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Chloroform	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Chloromethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Dibromochloromethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,2-Dichlorobenzene	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,3-Dichlorobenzene	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,4-Dichlorobenzene	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Dichlorodifluoromethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,1-Dichloroethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,2-Dichloroethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,1-Dichloroethene	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Trans-1,2-Dichloroethene	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,2-Dichloropropane	83855	U 1.0	UG/KG	8010	KB.	1249	05/22/97
Methylene Chloride	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,1,2,2-Tetrachloroethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Tetrachloroethene	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,1,1-Trichloroethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,1,2-Trichloroethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Trichloroethene	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Trichlorofluoromethane	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
Vinyl Chloride	83855	U 1.0	UG/KG	8010	KB	1249	05/22/97
1,2-Dichlorobenzene	83855	U 1.0	UG/KG	8020	KB	1249	05/22/97
1,3-Dichlorobenzene	83855	U 1.0	UG/KG	8020	KB	1249	05/22/97
1,4-Dichlorobenzene	83855	U 1.0	UG/KG	8020	KB	1249	05/22/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX
SUBMISSION NUMBER: 9705000193
REPORTED DATE: 05/23/97

DESCRIPTION SAMPLE ID

POST-224-004

SAMPLE DATE: 05/20/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	83855	U 1.0	UG/KG	8020	KB	1249	05/22/97
Chlorobenzene	83855	U 1.0	UG/KG	8020	KB	1249	05/22/97
Ethylbenzene	83855	U 1.0	UG/KG	8020	KB	1249	05/22/97
Toluene	83855	U 1.0	UG/KG	8020	KB	1249	05/22/97
Xylenes	83855	U 1.0	UG/KG	8020	KB	1249	05/22/97
Methyl T-Butyl Ether	83855	U 1.0	UG/KG	8020	KB	1249	05/22/97
Arsenic	83857	U 0.25	MG/KG	6010	TS	1730	05/21/97
Barium	83857	3.62	MG/KG	6010	TS	1730	05/21/97
Cadmium	83857	U 0.1	MG/KG	6010	TS	1730	05/21/97
Selenium	83857	U 0.25	MG/KG	6010	TS	1730	05/22/97
Chromium	83857	2.23	MG/KG	7190	TS	1030	05/22/97
Lead	83857	6.34	MG/KG	7420	TS	1130	05/22/97
Mercury	83857	U 0.005	MG/KG	7471	LC	1830	05/22/97
Silver	83857	0.230	MG/KG	7760	TS	1000	05/22/97
1-Methylnapthalene	83857	U 0.04	MG/KG	8100	KB	1434	05/21/97
2-Methylnapthalene	83857	U 0.05	MG/KG	8100	KB	1434	05/21/97
Acenaphthene	83857	U 0.03	MG/KG	8100	KB	1434	05/21/97
Acenaphthylene	83857	U 0.03	MG/KG	8100	KB	1434	05/21/97
Anthracene	83857	U 0.04	MG/KG	8100	KB	1434	05/21/97
Benzo(A)Anthracene	83857	U 0.06	MG/KG	8100	KB	1434	05/21/97
Benzo(A)Pyrene	83857	U 0.1	MG/KG	8100	KB	1434	05/21/97
Benzo(B)Fluoranthene	83857	U 0.1	MG/KG	8100	KB	1434	05/21/97
Benzo(K)Fluoranthene	83857	U 0.1	MG/KG	8100	KB	1434	05/21/97
Benzo(G,H,I)Perylene	83857	U 0.1	MG/KG	8100	KB	1434	05/21/97
Chrysene	83857	U 0.06	MG/KG	8100	KB	1434	05/21/97
Dibenzo(A,H)Anthracene	83857	U 0.1	MG/KG	8100	KB	1434	05/21/97
Fluoranthene	83857	U 0.03	MG/KG	8100	KB	1434	05/21/97
Fluorene	83857	U 0.04	MG/KG	8100	KB	1434	05/21/97
Indeno(1,2,3-CD)Pyrene	83857	U 0.1	MG/KG	8100	KB	1434	05/21/97

DHRS # 82315

Southeastern Environmental Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX
SUBMISSION NUMBER: 9705000193
REPORTED DATE: 05/23/97

DESCRIPTION SAMPLE ID

POST-224-004

SAMPLE DATE: 05/20/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Naphthalene	83857	U 0.05	MG/KG	8100	KB	1434	05/21/97
Phenanthrene	83857	U 0.04	MG/KG	8100	KB	1434	05/21/97
Pyrene	83857	U 0.04	MG/KG	8100	KB	1434	05/21/97
Tot. Recover. Petroleum Hydrocarbo	83857	U 5.0	MG/KG	9073	KB	1330	05/21/97

DESCRIPTION SAMPLE ID

POST-224-005

SAMPLE DATE: 05/20/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Bromoform	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Carbontetrachloride	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Chlorobenzene	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Chloroethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
2-Chloroethylvinylether	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Chloroform	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Chloromethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Dibromochloromethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
1,2-Dichlorobenzene	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
1,3-Dichlorobenzene	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
1,4-Dichlorobenzene	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Dichlorodifluoromethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97

DHRS # 82315

Southeastern Environmental Laboratories, Inc.

80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX
SUBMISSION NUMBER: 9705000193
REPORTED DATE: 05/23/97

DESCRIPTION SAMPLE ID

POST-224-005 238 TONS

SAMPLE DATE: 05/20/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
1,1-Dichloroethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
1,2-Dichloroethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
1,1-Dichloroethene	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Trans-1,2-Dichloroethene	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
1,2-Dichloropropane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Methylene Chloride	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
1,1,2,2-Tetrachloroethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Tetrachloroethene	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
1,1,1-Trichloroethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
1,1,2-Trichloroethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Trichloroethene	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Trichlorofluoromethane	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
Vinyl Chloride	83856	U 1.0	UG/KG	8010	KB	1357	05/22/97
1,2-Dichlorobenzene	83856	U 1.0	UG/KG	8020	KB	1357	05/22/97
1,3-Dichlorobenzene	83856	U 1.0	UG/KG	8020	KB	1357	05/22/97
1,4-Dichlorobenzene	83856	U 1.0	UG/KG	8020	KB	1357	05/22/97
Benzene	83856	U 1.0	UG/KG	8020	KB	1357	05/22/97
Chlorobenzene	83856	U 1.0	UG/KG	8020	KB	1357	05/22/97
Ethylbenzene	83856	U 1.0	UG/KG	8020	KB	1357	05/22/97
Toluene	83856	U 1.0	UG/KG	8020	KB	1357	05/22/97
Xylenes	83856	U 1.0	UG/KG	8020	KB	1357	05/22/97
Methyl T-Butyl Ether	83856	U 1.0	UG/KG	8020	KB	1357	05/22/97
Arsenic	83858	U 0.25	MG/KG	6010	TS	1730	05/21/97
Barium	83858	4.80	MG/KG	6010	TS	1730	05/21/97
Cadmium	83858	U 0.1	MG/KG	6010	TS	1730	05/21/97
Selenium	83858	U 0.25	MG/KG	6010	TS	1730	05/22/97
Chromium	83858	3.10	MG/KG	7190	TS	1030	05/22/97
Lead	83858	7.39	MG/KG	7420	TS	1130	05/22/97
Mercury	83858	U 0.005	MG/KG	7471	LC	1830	05/22/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX
SUBMISSION NUMBER: 9705000193
REPORTED DATE: 05/23/97

DESCRIPTION SAMPLE ID

POST-224-005

SAMPLE DATE: 05/20/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Silver	83858	0.220	MG/KG	7760	TS	1000	05/22/97
1-Methylnapthalene	83858	U 0.04	MG/KG	8100	KB	1508	05/21/97
2-Methylnapthalene	83858	U 0.05	MG/KG	8100	KB	1508	05/21/97
Acenaphthene	83858	U 0.03	MG/KG	8100	KB	1508	05/21/97
Acenaphthylene	83858	U 0.03	MG/KG	8100	KB	1508	05/21/97
Anthracene	83858	U 0.04	MG/KG	8100	KB	1508	05/21/97
Benzo(A)Anthracene	83858	U 0.06	MG/KG	8100	KB	1508	05/21/97
Benzo(A)Pyrene	83858	U 0.1	MG/KG	8100	KB	1508	05/21/97
Benzo(B)Fluoranthene	83858	U 0.1	MG/KG	8100	KB	1508	05/21/97
Benzo(K)Fluoranthene	83858	U 0.1	MG/KG	8100	KB	1508	05/21/97
Benzo(G,H,I)Perylene	83858	U 0.1	MG/KG	8100	KB	1508	05/21/97
Chrysene	83858	U 0.06	MG/KG	8100	KB	1508	05/21/97
Dibenzo(A,H)Anthracene	83858	U 0.1	MG/KG	8100	KB	1508	05/21/97
Fluoranthene	83858	U 0.03	MG/KG	8100	KB	1508	05/21/97
Fluorene	83858	U 0.04	MG/KG	8100	KB	1508	05/21/97
Indeno(1,2,3-CD)Pyrene	83858	U 0.1	MG/KG	8100	KB	1508	05/21/97
Naphthalene	83858	U 0.05	MG/KG	8100	KB	1508	05/21/97
Phenanthrene	83858	U 0.04	MG/KG	8100	KB	1508	05/21/97
Pyrene	83858	U 0.04	MG/KG	8100	KB	1508	05/21/97
Tot. Recover. Petroleum Hydrocarbo	83858	U 5.0	MG/KG	9073	KB	1330	05/21/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL TREAT
SUBMISSION NUMBER: 9705000231
REPORTED DATE: 05/28/97

DESCRIPTION SAMPLE ID

POST-224-006 252 TONS

SAMPLE DATE: 05/22/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
[illegible]omodichloromethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Bromoform	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Carbontetrachloride	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Chlorobenzene	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Chloroethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
2-Chloroethylvinylether	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Chloroform	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Chloromethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Dibromochloromethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,2-Dichlorobenzene	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,3-Dichlorobenzene	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,4-Dichlorobenzene	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Dichlorodifluoromethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,1-Dichloroethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,2-Dichloroethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,1-Dichloroethene	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Trans-1,2-Dichloroethene	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,2-Dichloropropane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Methylene Chloride	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,1,2,2-Tetrachloroethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Tetrachloroethene	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,1,1-Trichloroethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,1,2-Trichloroethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
Trichloroethene	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
[illegible]chlorofluoromethane	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
[illegible]yl Chloride	84024	U 1.0	UG/KG	8010	JG	1724	05/27/97
1,2-Dichlorobenzene	84024	U 1.0	UG/KG	8020	JG	1724	05/27/97
1,3-Dichlorobenzene	84024	U 1.0	UG/KG	8020	JG	1724	05/27/97
1,4-Dichlorobenzene	84024	U 1.0	UG/KG	8020	JG	1724	05/27/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL TREAT
SUBMISSION NUMBER: 9705000231
REPORTED DATE: 05/28/97

DESCRIPTION SAMPLE ID

POST-224-006

SAMPLE DATE: 05/22/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	84024	U 1.0	UG/KG	8020	JG	1724	05/27/97
Chlorobenzene	84024	U 1.0	UG/KG	8020	JG	1724	05/27/97
Ethylbenzene	84024	U 1.0	UG/KG	8020	JG	1724	05/27/97
Toluene	84024	U 1.0	UG/KG	8020	JG	1724	05/27/97
Xylenes	84024	U 1.0	UG/KG	8020	JG	1724	05/27/97
Methyl T-Butyl Ether	84024	U 1.0	UG/KG	8020	JG	1724	05/27/97
Arsenic	84025	U 0.25	MG/KG	6010	TS	1430	05/27/97
Barium	84025	2.71	MG/KG	6010	TS	1430	05/27/97
Cadmium	84025	U 0.1	MG/KG	6010	TS	1430	05/27/97
Selenium	84025	U 0.25	MG/KG	6010	TS	1430	05/27/97
Chromium	84025	3.15	MG/KG	7190	LC	1615	05/27/97
Lead	84025	7.02	MG/KG	7420	LC	1630	05/27/97
Mercury	84025	U 0.005	MG/KG	7471	LC	1400	05/28/97
Silver	84025	U 0.2	MG/KG	7760	LC	1700	05/27/97
1-Methylnapthalene	84025	U 0.04	MG/KG	8100	KB	1446	05/28/97
2-Methylnapthalene	84025	U 0.05	MG/KG	8100	KB	1446	05/28/97
Acenaphthene	84025	U 0.03	MG/KG	8100	KB	1446	05/28/97
Acenaphthylene	84025	U 0.03	MG/KG	8100	KB	1446	05/28/97
Anthracene	84025	U 0.04	MG/KG	8100	KB	1446	05/28/97
Benzo(A)Anthracene	84025	U 0.06	MG/KG	8100	KB	1446	05/28/97
Benzo(A)Pyrene	84025	U 0.1	MG/KG	8100	KB	1446	05/28/97
[illegible]zo(B)Fluoranthene	84025	U 0.1	MG/KG	8100	KB	1446	05/28/97
[illegible]zo(K)Fluoranthene	84025	U 0.1	MG/KG	8100	KB	1446	05/28/97
[illegible]zo(G,H,I)Perylene	84025	U 0.1	MG/KG	8100	KB	1446	05/28/97
Chrysene	84025	U 0.06	MG/KG	8100	KB	1446	05/28/97
Dibenzo(A,H)Anthracene	84025	U 0.1	MG/KG	8100	KB	1446	05/28/97
Fluoranthene	84025	U 0.03	MG/KG	8100	KB	1446	05/28/97
Fluorene	84025	U 0.04	MG/KG	8100	KB	1446	05/28/97
Indeno(1,2,3-CD)Pyrene	84025	U 0.1	MG/KG	8100	KB	1446	05/28/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
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Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL TREAT
SUBMISSION NUMBER: 9705000231
REPORTED DATE: 05/28/97

DESCRIPTION SAMPLE ID

'OST-224-006

AMPLE DATE: 05/22/97

ETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
aphthalene	84025	U 0.05	MG/KG	8100	KB	1446	05/28/97
henanthrene	84025	U 0.04	MG/KG	8100	KB	1446	05/28/97
yrene	84025	U 0.04	MG/KG	8100	KB	1446	05/28/97
ot. Recover. Petroleum Hydrocarbo	84025	U 5.0	MG/KG	9073	KB	1230	05/28/97

DHRS # 82315

Southeastern Environmental
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DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX
SUBMISSION NUMBER: 9705000252
REPORTED DATE: 05/30/97

DESCRIPTION SAMPLE ID

POST-224-007 254 TONS

SAMPLE DATE: 05/27/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Bromoform	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Carbontetrachloride	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Chlorobenzene	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Chloroethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
2-Chloroethylvinylether	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Chloroform	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Chloromethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Dibromochloromethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,2-Dichlorobenzene	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,3-Dichlorobenzene	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,4-Dichlorobenzene	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Dichlorodifluoromethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,1-Dichloroethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,2-Dichloroethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,1-Dichloroethene	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Trans-1,2-Dichloroethene	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,2-Dichloropropane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Methylene Chloride	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,1,2,2-Tetrachloroethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Tetrachloroethene	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,1,1-Trichloroethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,1,2-Trichloroethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Trichloroethene	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Trichlorofluoromethane	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
Vinyl Chloride	84141	U 1.0	UG/KG	8010	JG	1421	05/28/97
1,2-Dichlorobenzene	84141	U 1.0	UG/KG	8020	JG	1421	05/28/97
1,3-Dichlorobenzene	84141	U 1.0	UG/KG	8020	JG	1421	05/28/97
1,4-Dichlorobenzene	84141	U 1.0	UG/KG	8020	JG	1421	05/28/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX
SUBMISSION NUMBER: 9705000252
REPORTED DATE: 05/30/97

DESCRIPTION SAMPLE ID

POST-224-007

SAMPLE DATE: 05/27/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	84141	U 1.0	UG/KG	8020	JG	1421	05/28/97
Chlorobenzene	84141	U 1.0	UG/KG	8020	JG	1421	05/28/97
Ethylbenzene	84141	U 1.0	UG/KG	8020	JG	1421	05/28/97
Toluene	84141	U 1.0	UG/KG	8020	JG	1421	05/28/97
Xylenes	84141	U 1.0	UG/KG	8020	JG	1421	05/28/97
Methyl T-Butyl Ether	84141	U 1.0	UG/KG	8020	JG	1421	05/28/97
Arsenic	84142	U 0.25	MG/KG	6010	LC	1630	05/28/97
Barium	84142	4.25	MG/KG	6010	LC	1630	05/28/97
Cadmium	84142	U 0.1	MG/KG	6010	LC	1630	05/28/97
Selenium	84142	U 0.25	MG/KG	6010	LC	1630	05/28/97
Chromium	84142	1.80	MG/KG	7190	LC	1430	05/28/97
Lead	84142	10.1	MG/KG	7420	LC	1545	05/28/97
Mercury	84142	U 0.005	MG/KG	7471	LC	1330	05/29/97
Silver	84142	0.750	MG/KG	7760	LC	1610	05/28/97
1-Methylnapthalene	84142	U 0.04	MG/KG	8100	KB	1708	05/28/97
2-Methylnapthalene	84142	U 0.05	MG/KG	8100	KB	1708	05/28/97
Acenaphthene	84142	U 0.03	MG/KG	8100	KB	1708	05/28/97
Acenaphthylene	84142	U 0.03	MG/KG	8100	KB	1708	05/28/97
Anthracene	84142	U 0.04	MG/KG	8100	KB	1708	05/28/97
Benzo(A)Anthracene	84142	U 0.06	MG/KG	8100	KB	1708	05/28/97
Benzo(A)Pyrene	84142	U 0.1	MG/KG	8100	KB	1708	05/28/97
Benzo(B)Fluoranthene	84142	U 0.1	MG/KG	8100	KB	1708	05/28/97
Benzo(K)Fluoranthene	84142	U 0.1	MG/KG	8100	KB	1708	05/28/97
Benzo(G,H,I)Perylene	84142	U 0.1	MG/KG	8100	KB	1708	05/28/97
Chrysene	84142	U 0.06	MG/KG	8100	KB	1708	05/28/97
Dibenzo(A,H)Anthracene	84142	U 0.1	MG/KG	8100	KB	1708	05/28/97
Fluoranthene	84142	0.034	MG/KG	8100	KB	1708	05/28/97
Fluorene	84142	U 0.04	MG/KG	8100	KB	1708	05/28/97
Indeno(1,2,3-CD)Pyrene	84142	U 0.1	MG/KG	8100	KB	1708	05/28/97

Southeastern Environmental
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80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX
SUBMISSION NUMBER: 9705000252
REPORTED DATE: 05/30/97

DESCRIPTION SAMPLE ID

POST-224-007

SAMPLE DATE: 05/27/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Naphthalene	84142	U 0.05	MG/KG	8100	KB	1708	05/28/97
Phenanthrene	84142	U 0.04	MG/KG	8100	KB	1708	05/28/97
Pyrene	84142	0.098	MG/KG	8100	KB	1708	05/28/97
Tot. Recover. Petroleum Hydrocarbo	84142	U 5.0	MG/KG	9073	KB	1230	05/28/97

Southeastern Environmental
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DHRS # 82315

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL
SUBMISSION NUMBER: 9706000027
REPORTED DATE: 06/06/97

DESCRIPTION SAMPLE ID

POST-224-008 241 TONS

SAMPLE DATE: 06/02/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	84417	U 1.0	UG/KG	8020	JG	1714	06/05/9
Chlorobenzene	84417	U 1.0	UG/KG	8020	JG	1714	06/05/9
Ethylbenzene	84417	U 1.0	UG/KG	8020	JG	1714	06/05/9
Toluene	84417	U 1.0	UG/KG	8020	JG	1714	06/05/9
Xylenes	84417	U 1.0	UG/KG	8020	JG	1714	06/05/9
Methyl T-Butyl Ether	84417	U 1.0	UG/KG	8020	JG	1714	06/05/9
Tot. Recover. Petroleum Hydrocarbo	84417	U 5.0	MG/KG	9073	KB	1330	06/05/9
Arsenic	84419	U 0.25	MG/KG	6010	LC	1730	06/04/9
Barium	84419	5.42	MG/KG	6010	LC	1730	06/04/9
Cadmium	84419	U 0.1	MG/KG	6010	LC	1730	06/04/9
Selenium	84419	U 0.25	MG/KG	6010	LC	1730	06/04/9
Chromium	84419	2.24	MG/KG	7190	LC	1430	06/04/9
Lead	84419	11.9	MG/KG	7420	LC	1515	06/04/9
Mercury	84419	U 0.005	MG/KG	7471	LC	1800	06/04/9
Silver	84419	U 0.2	MG/KG	7760	LC	1600	06/04/9
1-Methylnapthalene	84419	U 0.04	MG/KG	8100	KB	1455	06/05/9
2-Methylnapthalene	84419	U 0.05	MG/KG	8100	KB	1455	06/05/9
Acenaphthene	84419	U 0.03	MG/KG	8100	KB	1455	06/05/9
Acenaphthylene	84419	U 0.03	MG/KG	8100	KB	1455	06/05/9
Anthracene	84419	U 0.04	MG/KG	8100	KB	1455	06/05/9
Benzo(A)Anthracene	84419	U 0.06	MG/KG	8100	KB	1455	06/05/9
Benzo(A)Pyrene	84419	U 0.1	MG/KG	8100	KB	1455	06/05/9
Benzo(B)Fluoranthene	84419	U 0.1	MG/KG	8100	KB	1455	06/05/9
Benzo(K)Fluoranthene	84419	U 0.1	MG/KG	8100	KB	1455	06/05/9
Benzo(G,H,I)Perylene	84419	U 0.1	MG/KG	8100	KB	1455	06/05/9
Chrysene	84419	U 0.06	MG/KG	8100	KB	1455	06/05/9
Dibenzo(A,H)Anthracene	84419	U 0.1	MG/KG	8100	KB	1455	06/05/9
Fluoranthene	84419	U 0.03	MG/KG	8100	KB	1455	06/05/9
Fluorene	84419	U 0.04	MG/KG	8100	KB	1455	06/05/9

DHRS # 82315

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CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL
SUBMISSION NUMBER: 9706000027
REPORTED DATE: 06/06/97

DESCRIPTION SAMPLE ID

POST-224-008

SAMPLE DATE: 06/02/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DAT
Bromodichloromethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Bromoform	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Carbontetrachloride	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Chlorobenzene	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Chloroethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
2-Chloroethylvinylether	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Chloroform	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Chloromethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Dibromochloromethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,2-Dichlorobenzene	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,3-Dichlorobenzene	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,4-Dichlorobenzene	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Dichlorodifluoromethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,1-Dichloroethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,2-Dichloroethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,1-Dichloroethene	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Trans-1,2-Dichloroethene	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,2-Dichloropropane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Methylene Chloride	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,1,2,2-Tetrachloroethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Tetrachloroethene	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,1,1-Trichloroethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,1,2-Trichloroethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Trichloroethene	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Trichlorofluoromethane	84417	U 1.0	UG/KG	8010	JG	1714	06/05
Vinyl Chloride	84417	U 1.0	UG/KG	8010	JG	1714	06/05
1,2-Dichlorobenzene	84417	U 1.0	UG/KG	8020	JG	1714	06/05
1,3-Dichlorobenzene	84417	U 1.0	UG/KG	8020	JG	1714	06/05
1,4-Dichlorobenzene	84417	U 1.0	UG/KG	8020	JG	1714	06/05

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-02179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL
SUBMISSION NUMBER: 9706000027
REPORTED DATE: 06/06/97

DESCRIPTION SAMPLE ID

POST-224-008

SAMPLE DATE: 06/02/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Indeno(1,2,3-CD)Pyrene	84419	U 0.1	MG/KG	8100	KB	1455	06/05/9
Naphthalene	84419	U 0.05	MG/KG	8100	KB	1455	06/05/9
Phenanthrene	84419	U 0.04	MG/KG	8100	KB	1455	06/05/9
Pyrene	84419	U 0.04	MG/KG	8100	KB	1455	06/05/9

DESCRIPTION SAMPLE ID

POST-224-009

SAMPLE DATE: 06/04/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
Bromoform	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
Carbontetrachloride	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
Chlorobenzene	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
Chloroethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
2-Chloroethylvinylether	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
Chloroform	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
Chloromethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
Dibromochloromethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
1,2-Dichlorobenzene	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
1,3-Dichlorobenzene	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
1,4-Dichlorobenzene	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9
Dichlorodifluoromethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/9

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CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL
SUBMISSION NUMBER: 9706000027
REPORTED DATE: 06/06/97

DESCRIPTION SAMPLE ID

POST-224-009 191 TONS

SAMPLE DATE: 06/04/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Mercury	84420	U 0.005	MG/KG	7471	LC	1800	06/04/97
Silver	84420	U 0.2	MG/KG	7760	LC	1600	06/04/97
1-Methylnapthalene	84420	U 0.04	MG/KG	8100	KB	1526	06/05/97
2-Methylnapthalene	84420	U 0.05	MG/KG	8100	KB	1526	06/05/97
Acenaphthene	84420	U 0.03	MG/KG	8100	KB	1526	06/05/97
Acenaphthylene	84420	U 0.03	MG/KG	8100	KB	1526	06/05/97
Anthracene	84420	U 0.04	MG/KG	8100	KB	1526	06/05/97
Benzo(A)Anthracene	84420	U 0.06	MG/KG	8100	KB	1526	06/05/97
Benzo(A)Pyrene	84420	U 0.1	MG/KG	8100	KB	1526	06/05/97
Benzo(B)Fluoranthene	84420	U 0.1	MG/KG	8100	KB	1526	06/05/97
Benzo(K)Fluoranthene	84420	U 0.1	MG/KG	8100	KB	1526	06/05/97
Benzo(G,H,I)Perylene	84420	U 0.1	MG/KG	8100	KB	1526	06/05/97
Chrysene	84420	U 0.06	MG/KG	8100	KB	1526	06/05/97
Dibenzo(A,H)Anthracene	84420	U 0.1	MG/KG	8100	KB	1526	06/05/97
Fluoranthene	84420	U 0.03	MG/KG	8100	KB	1526	06/05/97
Fluorene	84420	U 0.04	MG/KG	8100	KB	1526	06/05/97
Indeno(1,2,3-CD)Pyrene	84420	U 0.1	MG/KG	8100	KB	1526	06/05/97
Naphthalene	84420	U 0.05	MG/KG	8100	KB	1526	06/05/97
Phenanthrene	84420	U 0.04	MG/KG	8100	KB	1526	06/05/97
Pyrene	84420	U 0.04	MG/KG	8100	KB	1526	06/05/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
60 Industrial Loop North, Building 5
Orange Park, FL 32073
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DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL
SUBMISSION NUMBER: 9706000027
REPORTED DATE: 06/06/97

DESCRIPTION SAMPLE ID

POST-224-009

SAMPLE DATE: 06/04/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
1,1-Dichloroethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
1,2-Dichloroethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
1,1-Dichloroethene	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
Trans-1,2-Dichloroethene	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
1,2-Dichloropropane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
Methylene Chloride	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
1,1,2,2-Tetrachloroethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
Tetrachloroethene	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
1,1,1-Trichloroethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
1,1,2-Trichloroethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
Trichloroethene	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
Trichlorofluoromethane	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
Vinyl Chloride	84418	U 1.0	UG/KG	8010	JG	1804	06/05/97
1,2-Dichlorobenzene	84418	U 1.0	UG/KG	8020	JG	1804	06/05/97
1,3-Dichlorobenzene	84418	U 1.0	UG/KG	8020	JG	1804	06/05/97
1,4-Dichlorobenzene	84418	U 1.0	UG/KG	8020	JG	1804	06/05/97
Benzene	84418	U 1.0	UG/KG	8020	JG	1804	06/05/97
Chlorobenzene	84418	U 1.0	UG/KG	8020	JG	1804	06/05/97
Ethylbenzene	84418	U 1.0	UG/KG	8020	JG	1804	06/05/97
Toluene	84418	U 1.0	UG/KG	8020	JG	1804	06/05/97
Xylenes	84418	U 1.0	UG/KG	8020	JG	1804	06/05/97
[illegible]hyl T-Butyl Ether	84418	U 1.0	UG/KG	8020	JG	1804	06/05/97
[illegible]. Recover. Petroleum Hydrocarbo	84418	U 5.0	MG/KG	9073	KB	1330	06/05/97
Arsenic	84420	U 0.25	MG/KG	6010	LC	1730	06/04/97
Barium	84420	3.96	MG/KG	6010	LC	1730	06/04/97
Cadmium	84420	U 0.1	MG/KG	6010	LC	1730	06/04/97
Selenium	84420	U 0.25	MG/KG	6010	LC	1730	06/04/97
Chromium	84420	2.26	MG/KG	7190	LC	1430	06/04/97
Lead	84420	7.92	MG/KG	7420	LC	1515	06/04/97

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DHRS # 02315

DHRS E-82179

CQAP #9806330

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000092
REPORTED DATE: 06/13/97

DESCRIPTION SAMPLE ID

POST-224-010 222 TOPS

SAMPLE DATE: 06/09/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Bromoform	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Carbontetrachloride	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Chlorobenzene	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Chloroethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
2-Chloroethylvinylether	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Chloroform	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Chloromethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Dibromochloromethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,2-Dichlorobenzene	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,3-Dichlorobenzene	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,4-Dichlorobenzene	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Dichlorodifluoromethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,1-Dichloroethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,2-Dichloroethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,1-Dichloroethene	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Trans-1,2-Dichloroethene	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,2-Dichloropropane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Methylene Chloride	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,1,2,2-Tetrachloroethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Tetrachloroethene	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,1,1-Trichloroethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,1,2-Trichloroethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Trichloroethene	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Trichlorofluoromethane	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
Vinyl Chloride	84937	U 1.0	UG/KG	8010	JG	1251	06/12/
1,2-Dichlorobenzene	84937	U 1.0	UG/KG	8020	JG	1251	06/12/
1,3-Dichlorobenzene	84937	U 1.0	UG/KG	8020	JG	1251	06/12/
1,4-Dichlorobenzene	84937	U 1.0	UG/KG	8020	JG	1251	06/12/

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-5176

DHRS E-82179

CQAP #8906330

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
60 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000092
REPORTED DATE: 06/13/97

DESCRIPTION SAMPLE ID

POST-224-010

SAMPLE DATE: 06/09/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	84937	U 1.0	UG/KG	8020	JG	1251	06/12/
Chlorobenzene	84937	U 1.0	UG/KG	8020	JG	1251	06/12/
Ethylbenzene	84937	U 1.0	UG/KG	8020	JG	1251	06/12/
Toluene	84937	U 1.0	UG/KG	8020	JG	1251	06/12/
Xylenes	84937	U 1.0	UG/KG	8020	JG	1251	06/12/
Methyl T-Butyl Ether	84937	U 1.0	UG/KG	8020	JG	1251	06/12/
Arsenic	84939	U 0.5	MG/KG	6010	LC	1445	06/11/
Barium	84939	5.56	MG/KG	6010	LC	1445	06/11/
Cadmium	84939	U 0.2	MG/KG	6010	LC	1145	06/11/
Selenium	84939	U 0.5	MG/KG	6010	LC	1145	06/11/
Chromium	84939	2.91	MG/KG	7190	TS	1345	06/12/
Lead	84939	8.93	MG/KG	7420	TS	1300	06/12/
Mercury	84939	U 0.005	MG/KG	7471	LC	1800	06/12/
Silver	84939	U 0.2	MG/KG	7760	LC	1630	06/12/
1-Methylnapthalene	84939	U 0.04	MG/KG	8100	KB	1549	06/12/
2-Methylnapthalene	84939	U 0.05	MG/KG	8100	KB	1549	06/12/
Acenaphthene	84939	U 0.03	MG/KG	8100	KB	1549	06/12/
Acenaphthylene	84939	U 0.03	MG/KG	8100	KB	1549	06/12/
Anthracene	84939	U 0.04	MG/KG	8100	KB	1549	06/12/
Benzo(A)Anthracene	84939	U 0.06	MG/KG	8100	KB	1549	06/12/
Benzo(A)Pyrene	84939	U 0.1	MG/KG	8100	KB	1549	06/12/
Benzo(B)Fluoranthene	84939	U 0.1	MG/KG	8100	KB	1549	06/12/
Benzo(K)Fluoranthene	84939	U 0.1	MG/KG	8100	KB	1549	06/12/
Benzo(G,H,I)Perylene	84939	U 0.1	MG/KG	8100	KB	1549	06/12/
Chrysene	84939	U 0.06	MG/KG	8100	KB	1549	06/12/
Dibenzo(A,H)Anthracene	84939	U 0.1	MG/KG	8100	KB	1549	06/12/
Fluoranthene	84939	U 0.03	MG/KG	8100	KB	1549	06/12/
Fluorene	84939	U 0.04	MG/KG	8100	KB	1549	06/12/
Indeno(1,2,3-CD)Pyrene	84939	U 0.1	MG/KG	8100	KB	1549	06/12/

DHRS # 82015

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-02179

CONF #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000092
REPORTED DATE: 06/13/97

DESCRIPTION SAMPLE ID

POST-224-010

SAMPLE DATE: 06/10/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Naphthalene	84939	U 0.05	MG/KG	8100	KB	1549	06/12/
Phenanthrene	84939	U 0.04	MG/KG	8100	KB	1549	06/12/
Pyrene	84939	U 0.04	MG/KG	8100	KB	1549	06/12/
Tot. Recover. Petroleum Hydrocarbo	84939	U 5.0	MG/KG	9073	KB	1230	06/12/

DESCRIPTION SAMPLE ID

POST-224-011

SAMPLE DATE: 06/09/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Bromoform	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Carbontetrachloride	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Chlorobenzene	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Chloroethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
2-Chloroethylvinylether	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Chloroform	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Chloromethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Dibromochloromethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
1,2-Dichlorobenzene	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
1,3-Dichlorobenzene	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
1,4-Dichlorobenzene	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Dichlorodifluoromethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/

DHRS # 02315

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DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000092
REPORTED DATE: 06/13/97
DESCRIPTION

POST-224-011 186 TONS

SAMPLE DATE: 06/09/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
1,1-Dichloroethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
1,2-Dichloroethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
1,1-Dichloroethene	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Trans-1,2-Dichloroethene	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
1,2-Dichloropropane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Methylene Chloride	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
1,1,2,2-Tetrachloroethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Tetrachloroethene	84938	U 1.0	UG/KG	[illegible]	[illegible]	[illegible]	[illegible]
1,1,1-Trichloroethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
1,1,2-Trichloroethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Trichloroethene	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Trichlorofluoromethane	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
Vinyl Chloride	84938	U 1.0	UG/KG	8010	JG	1527	06/12/
1,2-Dichlorobenzene	84938	U 1.0	UG/KG	8020	JG	1527	06/12/
1,3-Dichlorobenzene	84938	U 1.0	UG/KG	8020	JG	1527	06/12/
1,4-Dichlorobenzene	84938	U 1.0	UG/KG	8020	JG	1527	06/12/
Benzene	84938	U 1.0	UG/KG	8020	JG	1527	06/12/
Chlorobenzene	84938	U 1.0	UG/KG	8020	JG	1527	06/12/
Ethylbenzene	84938	U 1.0	UG/KG	8020	JG	1527	06/12/
Toluene	84938	U 1.0	UG/KG	8020	JG	1527	06/12/
Xylenes	84938	U 1.0	UG/KG	8020	JG	1527	06/12/
Methyl T-Butyl Ether	84938	U 1.0	UG/KG	8020	JG	1527	06/12/
Arsenic	84940	U 0.5	MG/KG	6010	LC	1445	06/11/
Barium	84940	4.78	MG/KG	6010	LC	1445	06/11/
Cadmium	84940	U 0.2	MG/KG	6010	LC	1145	06/11/
Selenium	84940	U 0.5	MG/KG	6010	LC	1145	06/11/
Chromium	84940	2.42	MG/KG	7190	TS	1345	06/12/
Lead	84940	11.4	MG/KG	7420	TS	1300	06/12/
Mercury	84940	U 0.005	MG/KG	7471	LC	1800	06/12/

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82170

CQAP #8806330

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
30 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: ~~NAS~~ JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000092
REPORTED DATE: 06/13/97

DESCRIPTION SAMPLE ID

POST-224-011

SAMPLE DATE: 06/10/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Silver	84940	U 0.2	MG/KG	7760	LC	1630	06/12/
1-Methylnapthalene	84940	U 0.04	MG/KG	8100	KB	1646	06/12/
2-Methylnapthalene	84940	U 0.05	MG/KG	8100	KB	1646	06/12/
Acenaphthene	84940	U 0.03	MG/KG	8100	KB	1646	06/12/
Acenaphthylene	84940	U 0.03	MG/KG	8100	KB	1646	06/12/
Anthracene	84940	U 0.04	MG/KG	8100	KB	1646	06/12/
Benzo(A)Anthracene	84940	U 0.06	MG/KG	8100	KB	1646	06/12/
Benzo(A)Pyrene	84940	U 0.1	MG/KG	8100	KB	1646	06/12/
Benzo(B)Fluoranthene	84940	U 0.1	MG/KG	8100	KB	1646	06/12/
Benzo(K)Fluoranthene	84940	U 0.1	MG/KG	8100	KB	1646	06/12/
Benzo(G,H,I)Perylene	84940	U 0.1	MG/KG	8100	KB	1646	06/12/
Chrysene	84940	U 0.06	MG/KG	8100	KB	1646	06/12/
Dibenzo(A,H)Anthracene	84940	U 0.1	MG/KG	8100	KB	1646	06/12/
Fluoranthene	84940	U 0.03	MG/KG	8100	KB	1646	06/12/
Fluorene	84940	U 0.04	MG/KG	8100	KB	1646	06/12/
Indeno(1,2,3-CD)Pyrene	84940	U 0.1	MG/KG	8100	KB	1646	06/12/
Naphthalene	84940	U 0.05	MG/KG	8100	KB	1646	06/12/
Phenanthrene	84940	U 0.04	MG/KG	8100	KB	1646	06/12/
Pyrene	84940	U 0.04	MG/KG	8100	KB	1646	06/12/
Tot. Recover. Petroleum Hydrocarbo	84940	U 5.0	MG/KG	9073	KB	1230	06/12/

DHRS # 02015

Southeastern Environmental
Laboratories, Inc.
30 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

COAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

Post-it® Fax Note 7671	Date	# of pages ▶ 15
To	From	
Co./Dept. E3	Co. SELI	
Phone #	Phone #	
Fax #	Fax #	

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
SUBMISSION NUMBER: 9706000098
REPORTED DATE: 06/13/97

PRO

DESCRIPTION SAMPLE ID

POST-224-012 194 TONS

SAMPLE DATE: 06/11/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DA
Bromodichloromethane	84978	U 1.0	UG/KG	8010	JG	1625	06/1
Bromoform	84978	U 1.0	UG/KG	8010	JG	1625	06/1
Carbontetrachloride	84978	U 1.0	UG/KG	8010	JG	1625	06/1
Chlorobenzene	84978	U 1.0	UG/KG	8010	JG	1625	06/1
Chloroethane	84978	U 1.0	UG/KG	8010	JG	1625	06/1
2-Chloroethylvinylether	84978	U 1.0	UG/KG	8010	JG	1625	06/
Chloroform	84978	U 1.0	UG/KG	8010	JG	1625	06/
Chloromethane	84978	U 1.0	UG/KG	8010	JG	1625	06/
Dibromochloromethane	84978	U 1.0	UG/KG	8010	JG	1625	06/
1,2-Dichlorobenzene	84978	U 1.0	UG/KG	8010	JG	1625	06/
1,3-Dichlorobenzene	84978	U 1.0	UG/KG	8010	JG	1625	06/
1,4-Dichlorobenzene	84978	U 1.0	UG/KG	8010	JG	1625	06/
Dichlorodifluoromethane	84978	U 1.0	UG/KG	8010	JG	1625	06/
1,1-Dichloroethane	84978	U 1.0	UG/KG	8010	JG	1625	06/
1,2-Dichloroethane	84978	U 1.0	UG/KG	8010	JG	1625	06/
1,1-Dichloroethene	84978	U 1.0	UG/KG	8010	JG	1625	06,
Trans-1,2-Dichloroethene	84978	U 1.0	UG/KG	8010	JG	1625	06
1,2-Dichloropropane	84978	U 1.0	UG/KG	8010	JG	1625	06
Methylene Chloride	84978	U 1.0	UG/KG	8010	JG	1625	06
1,1,2,2-Tetrachloroethane	84978	U 1.0	UG/KG	8010	JG	1625	06
Tetrachloroethene	84978	U 1.0	UG/KG	8010	JG	1625	06
1,1,1-Trichloroethane	84978	U 1.0	UG/KG	8010	JG	1625	06
1,1,2-Trichloroethane	84978	U 1.0	UG/KG	8010	JG	1625	06
Trichloroethene	84978	U 1.0	UG/KG	8010	JG	1625	06
Trichlorofluoromethane	84978	U 1.0	UG/KG	8010	JG	1625	0
Vinyl Chloride	84978	U 1.0	UG/KG	8010	JG	1625	0
1,2-Dichlorobenzene	84978	U 1.0	UG/KG	8020	JG	1625	0
1,3-Dichlorobenzene	84978	U 1.0	UG/KG	8020	JG	1625	0
1,4-Dichlorobenzene	84978	U 1.0	UG/KG	8020	JG	1625	0

DHRS # 02313

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-02179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000098
REPORTED DATE: 06/13/97

DESCRIPTION SAMPLE ID

POST-224-012

SAMPLE DATE: 06/11/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	84978	U 1.0	UG/KG	8020	JG	1625	06/12/97
Chlorobenzene	84978	U 1.0	UG/KG	8020	JG	1625	06/12/97
Ethylbenzene	84978	U 1.0	UG/KG	8020	JG	1625	06/12/97
Toluene	84978	U 1.0	UG/KG	8020	JG	1625	06/12/97
Xylenes	84978	U 1.0	UG/KG	8020	JG	1625	06/12/97
Methyl T-Butyl Ether	84978	U 1.0	UG/KG	8020	JG	1625	06/12/97
Arsenic	84979	U 0.25	MG/KG	6010	TS	1200	06/12/97
Barium	84979	4.58	MG/KG	6010	TS	1200	06/12/97
Cadmium	84979	U 0.1	MG/KG	6010	TS	1200	06/12/97
Selenium	84979	U 0.25	MG/KG	6010	TS	1200	06/12/97
Chromium	84979	2.79	MG/KG	7190	TS	1345	06/12/97
Lead	84979	8.17	MG/KG	7420	TS	1300	06/12/97
Mercury	84979	U 0.005	MG/KG	7471	LC	1800	06/12/97
Silver	84979	U 0.2	MG/KG	7760	LC	1630	06/12/97
1-Methylnapthalene	84979	U 0.04	MG/KG	8100	KB	1758	06/12/97
2-Methylnapthalene	84979	U 0.05	MG/KG	8100	KB	1758	06/12/97
Acenaphthene	84979	U 0.03	MG/KG	8100	KB	1758	06/12/97
Acenaphthylene	84979	U 0.03	MG/KG	8100	KB	1758	06/12/97
Anthracene	84979	U 0.04	MG/KG	8100	KB	1758	06/12/97
Benzo(A)Anthracene	84979	U 0.06	MG/KG	8100	KB	1758	06/12/97
Benzo(A)Pyrene	84979	U 0.1	MG/KG	8100	KB	1758	06/12/97
Benzo(B)Fluoranthene	84979	U 0.1	MG/KG	8100	KB	1758	06/12/97
Benzo(K)Fluoranthene	84979	U 0.1	MG/KG	8100	KB	1758	06/12/97
Benzo(G,H,I)Perylene	84979	U 0.1	MG/KG	8100	KB	1758	06/12/97
Chrysene	84979	U 0.06	MG/KG	8100	KB	1758	06/12/97
Dibenzo(A,H)Anthracene	84979	U 0.1	MG/KG	8100	KB	1758	06/12/97
Fluoranthene	84979	U 0.03	MG/KG	8100	KB	1758	06/12/97
Fluorene	84979	U 0.04	MG/KG	8100	KB	1758	06/12/97
Indeno(1,2,3-CD)Pyrene	84979	U 0.1	MG/KG	8100	KB	1758	06/12/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-02179

CQAP #8806330

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
60 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000098
REPORTED DATE: 06/13/97

DESCRIPTION SAMPLE ID

POST-224-012

SAMPLE DATE: 06/11/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Naphthalene	84979	U 0.05	MG/KG	8100	KB	1750	06/12/9
Phenanthrene	84979	U 0.04	MG/KG	8100	KB	1758	06/12/9
Pyrene	84979	U 0.04	MG/KG	8100	KB	1758	06/12/9
Tot. Recover. Petroleum Hydrocarbo	84979	U 5.0	MG/KG	9073	KB	1630	06/12/9

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #080633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: ~~NAS~~ JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000113
REPORTED DATE: 06/13/97

DESCRIPTION SAMPLE ID

POST-226-013 204 TOPS

SAMPLE DATE: 06/12/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Bromoform	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Carbontetrachloride	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Chlorobenzene	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Chloroethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
2-Chloroethylvinylether	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Chloroform	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Chloromethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Dibromochloromethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,2-Dichlorobenzene	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,3-Dichlorobenzene	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,4-Dichlorobenzene	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Dichlorodifluoromethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,1-Dichloroethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,2-Dichloroethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,1-Dichloroethene	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Trans-1,2-Dichloroethene	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,2-Dichloropropane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Methylene Chloride	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,1,2,2-Tetrachloroethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Tetrachloroethene	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,1,1-Trichloroethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,1,2-Trichloroethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Trichloroethene	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Trichlorofluoromethane	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
Vinyl Chloride	85009	U 1.0	UG/KG	8010	JG	1717	06/12/9
1,2-Dichlorobenzene	85009	U 1.0	UG/KG	8020	JG	1717	06/12/9
1,3-Dichlorobenzene	85009	U 1.0	UG/KG	8020	JG	1717	06/12/9
1,4-Dichlorobenzene	85009	U 1.0	UG/KG	8020	JG	1717	06/12/9

DHRS # 02315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-02179

CQAP #8806330

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000113
REPORTED DATE: 06/13/97

DESCRIPTION SAMPLE ID

POST-224-013

SAMPLE DATE: 06/12/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	85009	U 1.0	UG/KG	8020	JG	1717	06/12/9
Chlorobenzene	85009	U 1.0	UG/KG	8020	JG	1717	06/12/9
Ethylbenzene	85009	U 1.0	UG/KG	8020	JG	1717	06/12/9
Toluene	85009	U 1.0	UG/KG	8020	JG	1717	06/12/9
Xylenes	85009	U 1.0	UG/KG	8020	JG	1717	06/12/9
Methyl T-Butyl Ether	85009	U 1.0	UG/KG	8020	JG	1717	06/12/9
Arsenic	85010	U 0.500	MG/KG	6010	TS	1100	06/13/9
Barium	85010	5.48	MG/KG	6010	TS	1100	06/13/9
Cadmium	85010	0.820	MG/KG	6010	TS	1100	06/13/9
Selenium	85010	U 0.500	MG/KG	6010	TS	1100	06/13/9
Chromium	85010	3.03	MG/KG	7190	TS	1100	06/13/9
Lead	85010	10.1	MG/KG	7420	TS	1015	06/13/9
Mercury	85010	U 0.005	MG/KG	7471	LC	1330	06/13/9
Silver	85010	0.250	MG/KG	7760	TS	1130	06/13/9
1-Methylnapthalene	85010	U 0.04	MG/KG	8100	KB	1908	06/12/9
2-Methylnapthalene	85010	U 0.05	MG/KG	8100	KB	1908	06/12/9
Acenaphthene	85010	U 0.03	MG/KG	8100	KB	1908	06/12/9
Acenaphthylene	85010	U 0.03	MG/KG	8100	KB	1908	06/12/9
Anthracene	85010	U 0.04	MG/KG	8100	KB	1908	06/12/9
Benzo(A)Anthracene	85010	U 0.06	MG/KG	8100	KB	1908	06/12/9
Benzo(A)Pyrene	85010	U 0.1	MG/KG	8100	KB	1908	06/12/9
Benzo(B)Fluoranthene	85010	U 0.1	MG/KG	8100	KB	1908	06/12/9
Benzo(K)Fluoranthene	85010	U 0.1	MG/KG	8100	KB	1908	06/12/9
Benzo(G,H,I)Perylene	85010	U 0.1	MG/KG	8100	KB	1908	06/12/9
Chrysene	85010	U 0.06	MG/KG	8100	KB	1908	06/12/9
Dibenzo(A,H)Anthracene	85010	U 0.1	MG/KG	8100	KB	1908	06/12/9
Fluoranthene	85010	U 0.03	MG/KG	8100	KB	1908	06/12/9
Fluorene	85010	U 0.04	MG/KG	8100	KB	1908	06/12/9
Indeno(1,2,3-CD)Pyrene	85010	U 0.1	MG/KG	8100	KB	1908	06/12/9

DHRS # 82315

Southeastern Environmental Laboratories, Inc.

80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #860633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000113
REPORTED DATE: 06/13/97

DESCRIPTION SAMPLE ID

POST-224-013

SAMPLE DATE: 06/12/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Naphthalene	85010	U 0.05	MG/KG	8100	KB	1908	06/12/9
Phenanthrene	85010	U 0.04	MG/KG	8100	KB	1908	06/12/9
Pyrene	85010	U 0.04	MG/KG	8100	KB	1908	06/12/9
Tot. Recover. Petroleum Hydrocarbo	85010	U 5.0	MG/KG	9073	KB	1630	06/12/9

DHRS # 02315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-02179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000133
REPORTED DATE: 06/19/97

DESCRIPTION SAMPLE ID

POST-224-014 227 TONS

SAMPLE DATE: 06/16/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Bromoform	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Carbontetrachloride	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Chlorobenzene	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Chloroethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
2-Chloroethylvinylether	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Chloroform	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Chloromethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Dibromochloromethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,2-Dichlorobenzene	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,3-Dichlorobenzene	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,4-Dichlorobenzene	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Dichlorodifluoromethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,1-Dichloroethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,2-Dichloroethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,1-Dichloroethene	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Trans-1,2-Dichloroethene	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,2-Dichloropropane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Methylene Chloride	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,1,2,2-Tetrachloroethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Tetrachloroethene	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,1,1-Trichloroethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,1,2-Trichloroethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Trichloroethene	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Trichlorofluoromethane	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
Vinyl Chloride	85109	U 1.0	UG/KG	8010	JG	1218	06/18/97
1,2-Dichlorobenzene	85109	U 1.0	UG/KG	8020	JG	1218	06/18/97
1,3-Dichlorobenzene	85109	U 1.0	UG/KG	8020	JG	1218	06/18/97
1,4-Dichlorobenzene	85109	U 1.0	UG/KG	8020	JG	1218	06/18/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000133
REPORTED DATE: 06/19/97

DESCRIPTION SAMPLE ID

POST-224-014

SAMPLE DATE: 06/16/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	85109	U 1.0	UG/KG	8020	JG	1218	06/18/97
Chlorobenzene	85109	U 1.0	UG/KG	8020	JG	1218	06/18/97
Ethylbenzene	85109	U 1.0	UG/KG	8020	JG	1218	06/18/97
Toluene	85109	U 1.0	UG/KG	8020	JG	1218	06/18/97
Xylenes	85109	U 1.0	UG/KG	8020	JG	1218	06/18/97
Methyl T-Butyl Ether	85109	U 1.0	UG/KG	8020	JG	1218	06/18/97
Arsenic	85112	U 0.25	MG/KG	6010	TS	1500	06/17/97
Barium	85112	10.9	MG/KG	6010	TS	1500	06/17/97
Cadmium	85112	U 0.1	MG/KG	6010	TS	1500	06/17/97
Selenium	85112	U 0.25	MG/KG	6010	TS	1500	06/17/97
Chromium	85112	3.23	MG/KG	7190	LC	1800	06/18/97
Lead	85112	10.1	MG/KG	7420	LC	1830	06/18/97
Mercury	85112	U 0.005	MG/KG	7471	LC	1630	06/18/97
Silver	85112	0.230	MG/KG	7760	LC	1900	06/18/97
1-Methylnapthalene	85112	U 0.04	MG/KG	8100	JK	1441	06/18/97
2-Methylnapthalene	85112	U 0.05	MG/KG	8100	JK	1441	06/18/97
Acenaphthene	85112	U 0.03	MG/KG	8100	JK	1441	06/18/97
Acenaphthylene	85112	U 0.03	MG/KG	8100	JK	1441	06/18/97
Anthracene	85112	U 0.04	MG/KG	8100	JK	1441	06/18/97
Benzo(A)Anthracene	85112	U 0.06	MG/KG	8100	JK	1441	06/18/97
Benzo(A)Pyrene	85112	U 0.1	MG/KG	8100	JK	1441	06/18/97
Benzo(B)Fluoranthene	85112	U 0.1	MG/KG	8100	JK	1441	06/18/97
Benzo(K)Fluoranthene	85112	U 0.1	MG/KG	8100	JK	1441	06/18/97
Benzo(G,H,I)Perylene	85112	U 0.1	MG/KG	8100	JK	1441	06/18/97
Chrysene	85112	U 0.06	MG/KG	8100	JK	1441	06/18/97
Dibenzo(A,H)Anthracene	85112	U 0.1	MG/KG	8100	JK	1441	06/18/97
Fluoranthene	85112	U 0.03	MG/KG	8100	JK	1441	06/18/97
Fluorene	85112	U 0.04	MG/KG	8100	JK	1441	06/18/97
Indeno(1,2,3-CD)Pyrene	85112	U 0.1	MG/KG	8100	JK	1441	06/18/97

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000133
REPORTED DATE: 06/19/97

DESCRIPTION SAMPLE ID

POST-224-014

SAMPLE DATE: 06/16/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Naphthalene	85112	U 0.05	MG/KG	8100	JK	1441	06/18/9
Phenanthrene	85112	U 0.04	MG/KG	8100	JK	1441	06/18/9
Pyrene	85112	U 0.04	MG/KG	8100	JK	1441	06/18/9
Tot. Recover. Petroleum Hydrocarbo	85112	U 5.0	MG/KG	9073	KB	0830	06/18/9

DESCRIPTION SAMPLE ID

POST-224-015

SAMPLE DATE: 06/16/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
Bromoform	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
Carbontetrachloride	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
Chlorobenzene	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
Chloroethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
2-Chloroethylvinylether	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
Chloroform	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
Chloromethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
Dibromochloromethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
1,2-Dichlorobenzene	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
1,3-Dichlorobenzene	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
1,4-Dichlorobenzene	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97
Dichlorodifluoromethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000133
REPORTED DATE: 06/19/97

DESCRIPTION SAMPLE ID

POST-224-015 219 TONS

SAMPLE DATE: 06/16/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
1,1-Dichloroethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
1,2-Dichloroethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
1,1-Dichloroethene	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
Trans-1,2-Dichloroethene	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
1,2-Dichloropropane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
Methylene Chloride	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
1,1,2,2-Tetrachloroethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
Tetrachloroethene	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
1,1,1-Trichloroethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
1,1,2-Trichloroethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
Trichloroethene	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
Trichlorofluoromethane	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
Vinyl Chloride	85110	U 1.0	UG/KG	8010	JG	1328	06/18/9
1,2-Dichlorobenzene	85110	U 1.0	UG/KG	8020	JG	1328	06/18/9
1,3-Dichlorobenzene	85110	U 1.0	UG/KG	8020	JG	1328	06/18/9
1,4-Dichlorobenzene	85110	U 1.0	UG/KG	8020	JG	1328	06/18/9
Benzene	85110	U 1.0	UG/KG	8020	JG	1328	06/18/9
Chlorobenzene	85110	U 1.0	UG/KG	8020	JG	1328	06/18/9
Ethylbenzene	85110	U 1.0	UG/KG	8020	JG	1328	06/18/9
Toluene	85110	U 1.0	UG/KG	8020	JG	1328	06/18/9
Xylenes	85110	U 1.0	UG/KG	8020	JG	1328	06/18/9
Methyl T-Butyl Ether	85110	U 1.0	UG/KG	8020	JG	1328	06/18/9
Arsenic	85111	U 0.25	MG/KG	6010	TS	1500	06/17/9
Barium	85111	5.04	MG/KG	6010	TS	1500	06/17/9
Cadmium	85111	0.140	MG/KG	6010	TS	1500	06/17/9
Selenium	85111	U 0.25	MG/KG	6010	TS	1500	06/17/9
Chromium	85111	3.45	MG/KG	7190	LC	1800	06/18/9
Lead	85111	10.7	MG/KG	7420	LC	1830	06/18/9
Mercury	85111	U 0.005	MG/KG	7471	LC	1630	06/18/9

HRS # 02015

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000133
REPORTED DATE: 06/19/97

DESCRIPTION SAMPLE ID

POST-224-015

SAMPLE DATE: 06/16/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
ver	85111	0.270	MG/KG	7760	LC	1900	06/18/97
1-Methylnapthalene	85111	U 0.04	MG/KG	8100	JK	1407	06/18/97
2-Methylnapthalene	85111	U 0.05	MG/KG	8100	JK	1407	06/18/97
Acenaphthene	85111	U 0.03	MG/KG	8100	JK	1407	06/18/97
Acenaphthylene	85111	U 0.03	MG/KG	8100	JK	1407	06/18/97
Anthracene	85111	U 0.04	MG/KG	8100	JK	1407	06/18/97
Benzo(A)Anthracene	85111	U 0.06	MG/KG	8100	JK	1407	06/18/97
Benzo(A)Pyrene	85111	U 0.1	MG/KG	8100	JK	1407	06/18/97
Benzo(B)Fluoranthene	85111	U 0.1	MG/KG	8100	JK	1407	06/18/97
Benzo(K)Fluoranthene	85111	U 0.1	MG/KG	8100	JK	1407	06/18/97
Benzo(G,H,I)Perylene	85111	U 0.1	MG/KG	8100	JK	1407	06/18/97
Chrysene	85111	U 0.06	MG/KG	8100	JK	1407	06/18/97
Dibenzo(A,H)Anthracene	85111	U 0.1	MG/KG	8100	JK	1407	06/18/97
Fluoranthene	85111	U 0.03	MG/KG	8100	JK	1407	06/18/97
Fluorene	85111	U 0.04	MG/KG	8100	JK	1407	06/18/97
Indeno(1,2,3-CD)Pyrene	85111	U 0.1	MG/KG	8100	JK	1407	06/18/97
Naphthalene	85111	U 0.05	MG/KG	8100	JK	1407	06/18/97
Phenanthrene	85111	U 0.04	MG/KG	8100	JK	1407	06/18/97
Pyrene	85111	U 0.04	MG/KG	8100	JK	1407	06/18/97
Tot. Recover. Petroleum Hydrocarbo	85111	U 5.0	MG/KG	9073	KB	0830	06/18/97

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

SOUTHEASTERN ENVIRONMENTAL LABORATORIES, INC.
SUBMISSION RECEIVAL FORM

SUBMISSION #: 9706000133
DATE RECEIVED: 06/17/97
CLIENT NAME: ENTERPRISE ENVIRONMENTAL

ORDER #	FIELD ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME
85109		POST-224-014	06/16/97	09:05
85110		POST-224-015	06/16/97	17:05
85111		POST-224-015	06/16/97	17:05
85112		POST-224-014	06/16/97	09:05

Approved By: _____

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS C-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000174
REPORTED DATE: 06/20/97

DESCRIPTION SAMPLE ID

POST-226-016 199 TONS

SAMPLE DATE: 06/17/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Arsenic	85307	U 0.25	MG/KG	6010	TS	1030	06/19/9
Barium	85307	5.95	MG/KG	6010	TS	1030	06/19/9
Cadmium	85307	U 0.1	MG/KG	6010	TS	1030	06/19/9
Selenium	85307	U 0.25	MG/KG	6010	TS	1030	06/19/9
Chromium	85307	3.48	MG/KG	7190	LC	1800	06/18/9
Lead	85307	11.4	MG/KG	7420	LC	1830	06/18/9
Mercury	85307	U 0.005	MG/KG	7471	LC	1715	06/19/9
Silver	85307	0.280	MG/KG	7760	LC	1900	06/18/9
1-Methylnapthalene	85307	U 0.04	MG/KG	8100	KB	1511	06/19/9
2-Methylnapthalene	85307	U 0.05	MG/KG	8100	KB	1511	06/19/9
Acenaphthene	85307	U 0.03	MG/KG	8100	KB	1511	06/19/9
Acenaphthylene	85307	U 0.03	MG/KG	8100	KB	1511	06/19/9
Anthracene	85307	U 0.04	MG/KG	8100	KB	1511	06/19/97
Benzo(A)Anthracene	85307	U 0.06	MG/KG	8100	KB	1511	06/19/97
Benzo(A)Pyrene	85307	U 0.1	MG/KG	8100	KB	1511	06/19/97
Benzo(B)Fluoranthene	85307	U 0.1	MG/KG	8100	KB	1511	06/19/97
Benzo(K)Fluoranthene	85307	U 0.1	MG/KG	8100	KB	1511	06/19/97
Benzo(G,H,I)Perylene	85307	U 0.1	MG/KG	8100	KB	1511	06/19/97
Chrysene	85307	U 0.06	MG/KG	8100	KB	1511	06/19/97
Dibenzo(A,H)Anthracene	85307	U 0.1	MG/KG	8100	KB	1511	06/19/97
Fluoranthene	85307	U 0.03	MG/KG	8100	KB	1511	06/19/97
Fluorene	85307	U 0.04	MG/KG	8100	KB	1511	06/19/97
Indeno(1,2,3-CD)Pyrene	85307	U 0.1	MG/KG	8100	KB	1511	06/19/97
Naphthalene	85307	U 0.05	MG/KG	8100	KB	1511	06/19/97
Phenanthrene	85307	U 0.04	MG/KG	8100	KB	1511	06/19/97
Pyrene	85307	U 0.04	MG/KG	8100	KB	1511	06/19/97
Pet. Recover. Petroleum Hydrocarbo	85307	U 5.0	MG/KG	9073	KB	0830	06/19/97
Bromodichloromethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/97
Bromoform	85310	U 1.0	UG/KG	8010	KB	1755	06/18/97

Southeastern Environmental
Laboratories, Inc.

Orange Park, FL 32073
(904) 269-6176

DWOS 5 87170

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000174
REPORTED DATE: 06/20/97

DESCRIPTION SAMPLE ID

POST-224-016

SAMPLE DATE: 06/17/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Carbon tetrachloride	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Chlorobenzene	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Chloroethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
2-Chloroethylvinylether	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Chloroform	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Chloromethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Dibromochloromethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,2-Dichlorobenzene	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,3-Dichlorobenzene	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,4-Dichlorobenzene	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Dichlorodifluoromethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,1-Dichloroethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,2-Dichloroethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,1-Dichloroethene	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Trans-1,2-Dichloroethene	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,2-Dichloropropane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Methylene Chloride	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,1,2,2-Tetrachloroethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Tetrachloroethene	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,1,1-Trichloroethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,1,2-Trichloroethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Trichloroethene	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Trichlorofluoromethane	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
Vinyl Chloride	85310	U 1.0	UG/KG	8010	KB	1755	06/18/9
1,2-Dichlorobenzene	85310	U 1.0	UG/KG	8020	KB	1755	06/18/9
1,3-Dichlorobenzene	85310	U 1.0	UG/KG	8020	KB	1755	06/18/9
1,4-Dichlorobenzene	85310	U 1.0	UG/KG	8020	KB	1755	06/18/9
Benzene	85310	U 1.0	UG/KG	8020	KB	1755	06/18/9
Chlorobenzene	85310	U 1.0	UG/KG	8020	KB	1755	06/18/9

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 02015

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER: PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000174
REPORTED DATE: 06/20/97

DESCRIPTION SAMPLE ID

POST-224-016

SAMPLE DATE: 06/17/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Ethylbenzene	85310	U 1.0	UG/KG	8020	KB	1755	06/18/97
Toluene	85310	U 1.0	UG/KG	8020	KB	1755	06/18/97
Xylenes	85310	U 1.0	UG/KG	8020	KB	1755	06/18/97
Methyl T-Butyl Ether	85310	U 1.0	UG/KG	8020	KB	1755	06/18/97

DESCRIPTION SAMPLE ID

POST-224-017

SAMPLE DATE: 06/17/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Arsenic	85308	U 0.25	MG/KG	6010	TS	1030	06/19/97
Barium	85308	5.62	MG/KG	6010	TS	1030	06/19/97
Cadmium	85308	U 0.1	MG/KG	6010	TS	1030	06/19/97
Selenium	85308	U 0.25	MG/KG	6010	TS	1030	06/19/97
Chromium	85308	3.45	MG/KG	7190	LC	1800	06/18/97
Lead	85308	10.3	MG/KG	7420	LC	1830	06/18/97
Mercury	85308	U 0.005	MG/KG	7471	LC	1715	06/19/97
Silver	85308	0.250	MG/KG	7760	LC	1900	06/18/97
1-Methylnapthalene	85308	U 0.04	MG/KG	8100	KB	1548	06/19/97
2-Methylnapthalene	85308	U 0.05	MG/KG	8100	KB	1548	06/19/97
Acenaphthene	85308	U 0.03	MG/KG	8100	KB	1548	06/19/97
Acenaphthylene	85308	U 0.03	MG/KG	8100	KB	1548	06/19/97
Anthracene	85308	U 0.04	MG/KG	8100	KB	1548	06/19/97

Southeastern Environmental
Laboratories, Inc.
DHRS # 82015 — 80 Industrial Loop North, Building 5 — DHRS E 82179
Orange Park, FL 32073
(904) 269-6176

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000174
REPORTED DATE: 06/20/97

DESCRIPTION — SAMPLE ID

POST-224-017 179 TONS

SAMPLE DATE: 06/17/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzo(A)Anthracene	85308	U 0.06	MG/KG	8100	KB	1548	06/19/9
Benzo(A)Pyrene	85308	U 0.1	MG/KG	8100	KB	1548	06/19/9
Benzo(B)Fluoranthene	85308	U 0.1	MG/KG	8100	KB	1548	06/19/9
Benzo(K)Fluoranthene	85308	U 0.1	MG/KG	8100	KB	1548	06/19/9
Benzo(G,H,I)Perylene	85308	U 0.1	MG/KG	8100	KB	1548	06/19/9
Chrysene	85308	U 0.06	MG/KG	8100	KB	1548	06/19/9
Dibenzo(A,H)Anthracene	85308	U 0.1	MG/KG	8100	KB	1548	06/19/9
Fluoranthene	85308	U 0.03	MG/KG	8100	KB	1548	06/19/9
Fluorene	85308	U 0.04	MG/KG	8100	KB	1548	06/19/9
Indeno(1,2,3-CD)Pyrene	85308	U 0.1	MG/KG	8100	KB	1548	06/19/9
Naphthalene	85308	U 0.05	MG/KG	8100	KB	1548	06/19/9
Phenanthrene	85308	U 0.04	MG/KG	8100	KB	1548	06/19/9
Pyrene	85308	U 0.04	MG/KG	8100	KB	1548	06/19/9
Tot. Recover. Petroleum Hydrocarbo	85308	U 5.0	MG/KG	9073	KB	0830	06/19/9
Bromodichloromethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
Bromoform	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
Carbontetrachloride	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
Chlorobenzene	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
Chloroethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
2-Chloroethylvinylether	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
Chloroform	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
Chloromethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
Dibromochloromethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
1,2-Dichlorobenzene	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
1,3-Dichlorobenzene	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
1,4-Dichlorobenzene	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
Dichlorodifluoromethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
1,1-Dichloroethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9
1,2-Dichloroethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18/9

DHRS # 02315

Southeastern Environmental Laboratories, Inc.

80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-8217

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000174
REPORTED DATE: 06/20/97

DESCRIPTION SAMPLE ID

POST-224-017

SAMPLE DATE: 06/17/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DAT
1,1-Dichloroethene	85309	U 1.0	UG/KG	8010	KB	1628	06/18
Trans-1,2-Dichloroethene	85309	U 1.0	UG/KG	8010	KB	1628	06/18
1,2-Dichloropropane	85309	U 1.0	UG/KG	8010	KB	1628	06/18
Methylene Chloride	85309	U 1.0	UG/KG	8010	KB	1628	06/18
1,1,2,2-Tetrachloroethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18
Tetrachloroethene	85309	U 1.0	UG/KG	8010	KB	1628	06/18
1,1,1-Trichloroethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18
1,1,2-Trichloroethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18,
Trichloroethene	85309	U 1.0	UG/KG	8010	KB	1628	06/18,
Trichlorofluoromethane	85309	U 1.0	UG/KG	8010	KB	1628	06/18,
Vinyl Chloride	85309	U 1.0	UG/KG	8010	KB	1628	06/18,
1,2-Dichlorobenzene	85309	U 1.0	UG/KG	8020	KB	1628	06/18,
1,3-Dichlorobenzene	85309	U 1.0	UG/KG	8020	KB	1628	06/18,
1,4-Dichlorobenzene	85309	U 1.0	UG/KG	8020	KB	1628	06/18/
Benzene	85309	U 1.0	UG/KG	8020	KB	1628	06/18/
Chlorobenzene	85309	U 1.0	UG/KG	8020	KB	1628	06/18/
Ethylbenzene	85309	U 1.0	UG/KG	8020	KB	1628	06/18/
Toluene	85309	U 1.0	UG/KG	8020	KB	1628	06/18/
Xylenes	85309	U 1.0	UG/KG	8020	KB	1628	06/18/
Methyl T-Butyl Ether	85309	U 1.0	UG/KG	8020	KB	1628	06/18/

DHRS • 02315

Southeastern Environmental
Laboratories, Inc.
60 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

SOUTHEASTERN ENVIRONMENTAL LABORATORIES, INC.
SUBMISSION RECEIVAL FORM

SUBMISSION #: 9706000174
DATE RECEIVED: 06/18/97
CLIENT NAME: ENTERPRISE ENVIRONMENTAL

ORDER #	FIELD ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME
85307		POST-224-016	06/17/97	16:10
85308		POST-224-017	06/17/97	14:10
85309		POST-224-017	06/17/97	14:10
85310		POST-224-016	06/17/97	16:10

Approved By: Cle 2 Bol

DHRS # 82315

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000192
REPORTED DATE: 06/23/97

DESCRIPTION SAMPLE ID

POST-224-018 182 TONS

SAMPLE DATE: 06/19/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Bromodichloromethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Bromoform	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Carbontetrachloride	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Chlorobenzene	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Chloroethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
2-Chloroethylvinylether	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Chloroform	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Chloromethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Dibromochloromethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,2-Dichlorobenzene	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,3-Dichlorobenzene	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,4-Dichlorobenzene	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Dichlorodifluoromethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,1-Dichloroethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,2-Dichloroethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,1-Dichloroethene	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Trans-1,2-Dichloroethene	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,2-Dichloropropane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Methylene Chloride	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,1,2,2-Tetrachloroethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Tetrachloroethene	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,1,1-Trichloroethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,1,2-Trichloroethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Trichloroethene	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Trichlorofluoromethane	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
Vinyl Chloride	85376	U 1.0	UG/KG	8010	JG	1727	06/19/9
1,2-Dichlorobenzene	85376	U 1.0	UG/KG	8020	JG	1727	06/19/9
1,3-Dichlorobenzene	85376	U 1.0	UG/KG	8020	JG	1727	06/19/9
1,4-Dichlorobenzene	85376	U 1.0	UG/KG	8020	JG	1727	06/19/9

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000192
REPORTED DATE: 06/23/97

DESCRIPTION SAMPLE ID

POST-224-018

SAMPLE DATE: 06/19/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Benzene	85376	U 1.0	UG/KG	8020	JG	1727	06/19/9
Chlorobenzene	85376	U 1.0	UG/KG	8020	JG	1727	06/19/9.
Ethylbenzene	85376	U 1.0	UG/KG	8020	JG	1727	06/19/97
Toluene	85376	U 1.0	UG/KG	8020	JG	1727	06/19/97
Xylenes	85376	U 1.0	UG/KG	8020	JG	1727	06/19/97
Methyl T-Butyl Ether	85376	U 1.0	UG/KG	8020	JG	1727	06/19/97
Arsenic	85377	U 0.25	MG/KG	6010	LC	1200	06/20/97
Barium	85377	4.41	MG/KG	6010	LC	1200	06/20/97
Cadmium	85377	U 0.1	MG/KG	6010	LC	1200	06/20/97
Selenium	85377	U 0.25	MG/KG	6010	LC	1200	06/20/97
Chromium	85377	3.09	MG/KG	7190	LC	1845	06/19/97
Lead	85377	10.0	MG/KG	7420	LC	1915	06/19/97
Mercury	85377	U 0.005	MG/KG	7471	LC	1200	06/20/97
Silver	85377	0.250	MG/KG	7760	LC	1730	06/19/97
1-Methylnapthalene	85377	U 0.04	MG/KG	8100	KB	1741	06/19/97
2-Methylnapthalene	85377	U 0.05	MG/KG	8100	KB	1741	06/19/97
Acenaphthene	85377	U 0.03	MG/KG	8100	KB	1741	06/19/97
Acenaphthylene	85377	U 0.03	MG/KG	8100	KB	1741	06/19/97
Anthracene	85377	U 0.04	MG/KG	8100	KB	1741	06/19/97
Benzo(A)Anthracene	85377	U 0.06	MG/KG	8100	KB	1741	06/19/97
Benzo(A)Pyrene	85377	U 0.1	MG/KG	8100	KB	1741	06/19/97
Benzo(B)Fluoranthene	85377	U 0.1	MG/KG	8100	KB	1741	06/19/97
Benzo(K)Fluoranthene	85377	U 0.1	MG/KG	8100	KB	1741	06/19/97
Benzo(G,H,I)Perylene	85377	U 0.1	MG/KG	8100	KB	1741	06/19/97
Chrysene	85377	U 0.06	MG/KG	8100	KB	1741	06/19/97
Dibenzo(A,H)Anthracene	85377	U 0.1	MG/KG	8100	KB	1741	06/19/97
Fluoranthene	85377	U 0.03	MG/KG	8100	KB	1741	06/19/97
Fluorene	85377	U 0.04	MG/KG	8100	KB	1741	06/19/97
Indeno(1,2,3-CD)Pyrene	85377	U 0.1	MG/KG	8100	KB	1741	06/19/97

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

CQAP #880633G

ENTERPRISE ENVIRONMENTAL
AND EARTHWORKS
40 SHUMAN BLVD., SUITE 300
NAPERVILLE, IL 60563
ATTN: JOHN SWEENEY

SAMPLED BY: CLIENT
CLIENT JOB/PO NUMBER:
PROJECT NAME: NAS-JAX THERMAL TREATMENT
SUBMISSION NUMBER: 9706000192
REPORTED DATE: 06/23/97

DESCRIPTION SAMPLE ID

POST-224-018

SAMPLE DATE: 06/19/97

PARAMETER	ORDER NUMBER	RESULT	UNITS	METHOD	ANALYST INITIAL	TIME	DATE
Naphthalene	85377	U 0.05	MG/KG	8100	KB	1741	06/19/
Phenanthrene	85377	U 0.04	MG/KG	8100	KB	1741	06/19/
Pyrene	85377	U 0.04	MG/KG	8100	KB	1741	06/19/
Tot. Recover. Petroleum Hydrocarbo	85377	U 5.0	MG/KG	9073	KB	1530	06/19/

Southeastern Environmental
Laboratories, Inc.
80 Industrial Loop North, Building 5
Orange Park, FL 32073
(904) 269-6176

DHRS # 82315

DHRS E-82179

SOUTHEASTERN ENVIRONMENTAL LABORATORIES, INC.
SUBMISSION RECEIVAL FORM

SUBMISSION #: 9706000192
DATE RECEIVED: 06/19/97
CLIENT NAME: ENTERPRISE ENVIRONMENTAL

ORDER #	FIELD ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME
85376		POST-224-018	06/19/97	14:05
85377		POST-224-018	06/19/97	14:05

Approved By: _____

APPENDIX E

COMPACTION TESTING

7850 Rex Drive
Milton, FL 32570
(904) 626-0080
FAX (904) 626-0190

CAL-TECH TESTING, INC.

ENGINEERING & TESTING
LABORATORY

6900 Phillips Highway S.
Jacksonville, FL 32
(904) 296-
FAX (904) 296-

P.O. Box 1625 • Lake City, FL 32056 • (904) 755-3633 • Fax (904) 752-5456

REPORT OF DAILY CONSTRUCTION TESTING AND MONITORIN

Client: BechTel
Date: 3-6-97
Project: St. 103rd 6952
Job. No: 97-052
Contractor:
Technician: G. Howard

DESCRIPTION OF DAYS ACTIVITIES:

Cast one set of six cyls. Also performed slump test, Air test, Temp test. Set #1.

performed one FDT.
98.3

Weather Conditions: Overcast + windy

FDT's Performed	5	Hours Worked	2	Hours Travel	0.30 min
Cyls Cast Cal-Tech	6	Hours O.T.	—	Miles Travel	—
Cyls Cast Client	0	Other Test Performed	—	Hours Standby	—

FIELD REPRESENTATIVE

CLIENT REPRESENTATIVE

THIS AREA FOR OFFICE USE

Service Code Used

Units Charged

Rates Charged

[redacted]

INSPECTOR'S DAILY REPORT

Contract No. 200-SC-651 Date 6 March 1997 Contract-Day No. _____

Shift: Day x Swing _____ Gr'yd. _____

From: 1000 To: 1130 Weather: Sunny

Contractor: Southeastern Lab Contractor's Representative: Greg Howard Inspector: Larry Brede

BID ITEM	DESCRIPTION OF WORK DONE	CONTRACTOR'S FORCES AND EQUIPMENT
2.0	One man arrived for concrete testing at 1000 hours. Took six cylinders for a 3-day break, 7-day break, 14-day break,	On-site Testing Technician 2 ea.
3.0	2 for 28-day breaks, and a hold. Concrete had a 4.75 slump and 3.7 air. Discussed the results of previous testing	
	conducted on flowable fill. Subcontractor representative did not think that the fill would solidify in the cylinders, so	
	Bechtel representative decided to conduct an in-place density on the material. A second technician arrived on site at	
	1100 hours and conducted an in-place density on the flowable fill material (98.3%).	

REMARKS: (A) ACCIDENT, (D) DELAYS, (IC) INSTR. TO CONTR., (IS) INST. FROM SUPV., (P) PROBLEMS, (UC) UNUSUAL CONDITIONS, (V) VISITORS

(ORIGINAL) SITE SUPERINTENDENT; (COPIES) INSPECTOR AND PDCC

Page 1 of 1 Signature: _____ Reviewed: _____ 3-10-97

11 12479

APPENDIX F

CONCRETE TESTING/
FDOT LETTER OF ACCEPTANCE

CAL-TECH TESTING, INC.
ENGINEERING & TESTING LABORATORY
P.O. Box 1625, Lake City, FL 32056-1625
6900 Phillips Hwy., Ste. 3, Jacksonville, FL 32216

Lake City • (904) 755-363
Fax • (904) 752-5458
Jacksonville • (904) 298-72
Fax • (904) 298-7202
Milton • (904) 626-0080
Fax • (904) 626-0190

JOB NO: 97-052J
DATE TESTED: 3/6/97

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: __X__ D-2922 (Nuclear) _____ D-2937 (Drive Cylinder) ___ Other

PROJECT: Bechtel Environmental, Inc. Under Contract N62467-93-D-0936 with The Department of the Navy Subcontract Agreement, No. 22567-200-SC-0651

CLIENT: Southeastern Environmental Laboratories, 80 Loop North, Bldg. 5, Orange Park, FL 32073

GENERAL CONTRACTOR: Bechtel

EARTHWORK CONTRACTOR : Bechtel

SOIL USE(SEE NOTE): 6

SPECIFICATION REQUIREMENTS: 95%

TECHNICIAN: F.L. Green

MODIFIED (ASTM D-1557): XXX

STANDARD (ASTM D-698):

TEST NO.	TEST LOCATION	TEST X Depth ELEV. Lift#	PROCTOR NO.	WET DENS. LBS.CU.FT	DRY DENS. LBS.CU.FT.	MOIST. PERCENT	% MAX.DE
	NAS Jax, Jacksonville, FL						
1	103rd St. Repair Area (Flowable Fill)	12"	1	115.5	105.4	9.5	98.4

REMARKS: The above test meets specification requirements.

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
1	Flowable Fill	107.2	10.2

3cc Client
1cc File
1cc Lake City

Respectfully Submitted
CAL-TECH TESTING, INC.

Linda Creamer
Linda M. Creamer
President - CEO

Lewis E. Hay
Lewis E. Hay, P.E.
Geotechnical Engineer

NOTE: SOIL USES: 1. Building Pad Fill 2. Trench Backfill 3. Base Course 4. Subbase-Stabilized Subgrade 5. Embankment 6. Subgrade - Natural Soil 7. Other

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Site conditions can vary between test locations and change with time, sound judgment should be exercised with regard to the use and interpretation of the data.

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625 • (904) 755-3633 • FAX (904) 752-5456

File No. 97-05
Report Date 3/4/

LABORATORY COMPACTION TEST

ASTM ☒ D-1557 MODIFIED ☐ D-ST

Sample Description: Tan Fine Sand
Proposed Use: Flowable Fill
Sampled by: Westberry Date: 2/25/97

Sample Location: 103rd St.-Jax, FL
Tested by: Green Date: 3/4/97

To: Southeastern Environmental Laborator
80 Industrial Loop North, Bldg. 5
Orange Park, FL 32073

Project Name: NAS Jax-103rd Street Repair

Project Location: 103rd St.-Jax, FL

Contractor: Bechtel Environmental, Inc.

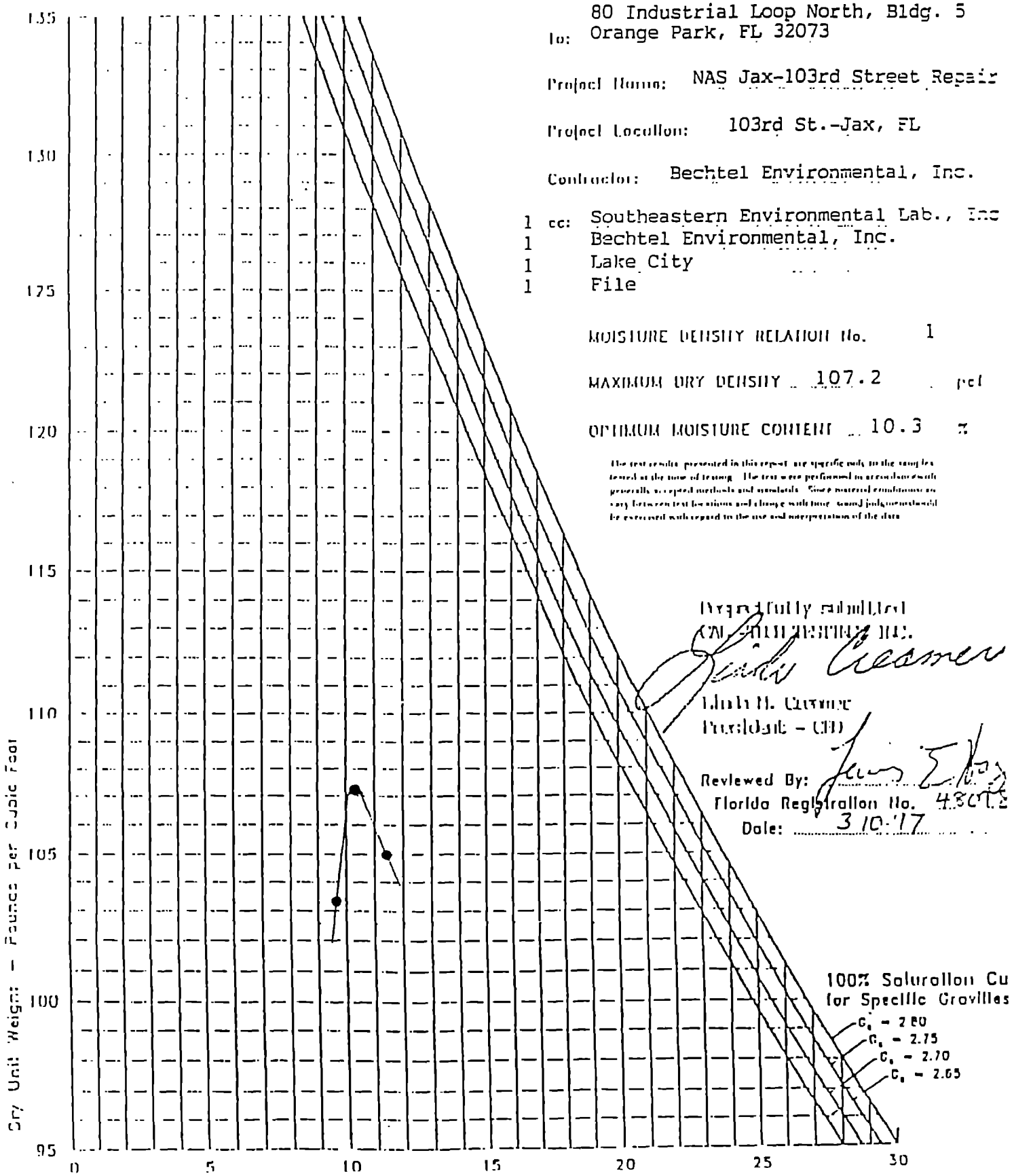
cc: 1 Southeastern Environmental Lab., Inc
1 Bechtel Environmental, Inc.
1 Lake City
1 File

MOISTURE DENSITY RELATION No. 1

MAXIMUM DRY DENSITY 107.2 pcf

OPTIMUM MOISTURE CONTENT 10.3 %

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.



Respectfully submitted
CAL-TECH TESTING INC.

Linda H. Cramer
President - CEO

Reviewed By:
Florida Registration No. 48011
Date: 3-10-97

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625 • (904) 755-3633 • FAX (904) 752-5456

FILE No. 97-052J

Cylinder Set No.: 1

Compressive Strength of Concrete Test Specim

To: Southeastern Environmental Laboratories, Inc. 80 Industrial Loop, Bldg. 5 Orange Pa

Project Name: NAS Jax-103rd Street Repairs

Project Location: 103rd Street-Jax, FL

Project Contractor: Bechtel Environmental, Inc.

Concrete Supplier: Rinker

Report Date: 3/9/97

DESIGN DATA

Specified Strength for Structure: 3000 p.s.i. @ 28 days

Slump (inches): 5"

Air Content (percent): 4.0%

Mix Type: Y30JAX5

[X] Normal wt. [ ] Lightweight [ ] Mortar Mix [ ] Pump Mix [ ] Grout [ ] Other

Plasticizer Added: [ ] Yes [X] No If "YES", [ ] At Plant [ ] At Jobsite

FIELD and LAB DATA

Date:	Time Concrete Batched:	Time Concrete Sampled:	Sampled by:
3/6/97	10:33	11:05	Howard
Concrete Truck No.:	**Ticket No.:**	**Size of Load (c.y.):**	**Weather Conditions:**
659	3497905	10	Overcast

Extra Water Added at Job Site: [ ] Yes [X] No If "Yes", _____ gal. to _____ c.y.

Plasticizer Added at Job Site: _____ gal. to _____ c.y.

Extra Water Authorize

Slump (inches):	Air Temperature (°F):	Concrete Temperature (°F):	Wet Weight (p.c.f.):
4 3/4"	70	78	

Air Content (% by Vol.): 3.7%

Molded and Cured to ASTM C-31:* [X] Yes [ ] No [ ] Unknown

Tested to ASTM C-39 [X] Yes [ ] No

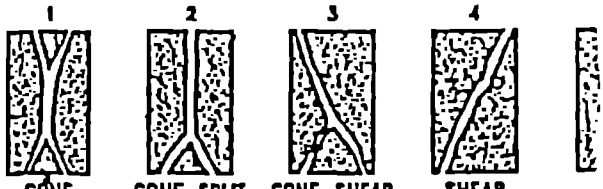
Location of Concrete Placement: East End Sidewalk

SPECIMEN I.D. LAB No.	DATE RECEIVED IN LAB	DATE TESTED	AGE (DAYS)	TEST SPECIMEN SIZE DIA. (IN.)	TEST SPECIMEN SIZE AREA (SQ. IN.)	TOTAL LOAD (POUNDS)	TEST STRENGTH (P.S.I.)	TYPE OF FRACTURE	SPECIM WEIGH (AIR DRY-
A	3/07/97	3/09/97	3	5.99	28.08	33,000	1170	4	
B		3/13/97	7						
C		3/20/97	14						
D		4/03/97	28						
E		4/03/97	28						
		HOLD	H						

REMARKS: *CONCRETE TEST SPECIMENS CURED IN ACCORDANCE WITH ASTM-31 AFTER BEING RECEIVED IN LAB.

The test results provided in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgment should be exercised with regard to the use and interpretation of the data.

3cc Client
1cc Lake City
1cc File



Reviewed by: Dennis E. Hay
3-10-97

Florida Registration No. 48098

12863

FLORIDA DEPARTMENT OF TRANSPORTATION

LAWTON CHILES
GOVERNOR

BEN G. WATTS
SECRETARY

JACKSONVILLE MAINTENANCE OFFICE
* 2250 IRENE STREET *
POST OFFICE BOX 6669
MAIL STATION 2809
JACKSONVILLE, FLORIDA 32236-6669

April 18, 1997

Mr. Ken Thompson
Bechtel Environmental, Inc.
P. O. Box 171
NAS Cecil Field
Jacksonville, Florida 32215

RE: Section 72220 - SR 134
Special Use - Contamination Removal
Permit No.: 96 K 294 0059

FINAL ACCEPTANCE LETTER

Dear Mr. Thompson:

This will serve as a letter of final acceptance for the above referenced permit number.

A final inspection was conducted on April 16, 1997 and all work performed within the Department of Transportation right of way is in accordance with the approved plan, permit and Standard Index.

Should you have any questions, please call me at (904) 381-8779.

Sincerely,

Carol Wright

Carol A. Wright
Permit Engineer

CAW/bg

cc: J. T. Dyal, Jr., District Permit Engineer
Carol Edwards, Inspector

RECYCLED PAPER

Bechtel

Quarters E, G Avenue
P. O. Box 171
Jacksonville, Florida 32215
Telephone: (904) 779-8900
Facsimile: (904) 779-8999

March 3, 1998

Commanding Officer
Department of the Navy, Southern Division
Naval Facilities Engineering Command
Attn: Mr. Bryan Kizer
2155 Eagle Drive
North Charleston, SC 29406

SUBJECT: Bechtel Job No. 22567
Department of the Navy Contract No. N62467-93-D-0936
DO# 08: COMPLETION REPORT FOR 6952 103rd STREET
NAS JACKSONVILLE, FLORIDA
Subject Code: 1250

Dear Mr. Kizer:

Enclosed you will find a copy of the Completion Report for 6952 103rd Street, NAS Jacksonville, Florida. We will also forward additional copies to Ms. Lancaster for state and federal agency distribution.

If you have any questions, please feel free to contact Dale Obenauer or myself at (904) 779-8900.

Sincerely,

Dale Obenauer/for

V. Hermann Bauer
Project Manager

VHB/alm
Encl.: As Stated.
cc: L. Blackburn
D. Lancaster (3)

14248-1

Sub Job 000 Rec Type LT Comm Date 03-MAR-98 Admin Rec N CCN-Item No. 014248-1

Subject JAX - DO#0008 COMPLETION REPORT FOR 6952 103RD STREET

From BAUER, H. Org BEI To KIZER, B. Org NAVY File Loc M Closes CCN

Comm Reference Published N

Cross Reference (Affected Doc) Field CCN

Site Codes 224

Subject Codes 1250 Film Reel

Owed By Org Due Date Closing CCN

Owed To Org Forecast Date Compl Date

Comment/Action

014248-1

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	S. MOORE										
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SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORTH CHARLESTON, SOUTH CAROLINA

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CONTAMINATION ASSESSMENT REPORT

HANGAR 115

NAVAL AIR STATION JACKSONVILLE
JACKSONVILLE, FLORIDA

Unit Identification Code: N00207

Contract No.: N62467-89-D-0317/118

Prepared by:

ABB Environmental Services, Inc.
2590 Executive Center Circle, East
Tallahassee, Florida 32301

Prepared for:

Department of the Navy, Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive
North Charleston, South Carolina 29418

Bryan Kizer, Code 1842, Engineer-In-Charge

April 1996