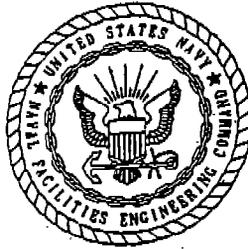


N60201.AR.000309
NS MAYPORT
5090.3a

COMPLETION REPORT FOR SOLID WASTE MANAGEMENT UNIT 2 NS MAYPORT FL
5/1/1996
BECHTEL ENVIRONMENTAL



COMPLETION REPORT

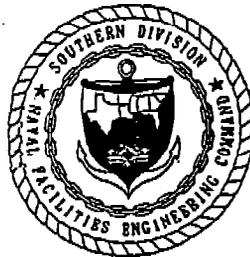
FOR

SOLID WASTE MANAGEMENT UNIT 2

**NAVAL STATION MAYPORT
MAYPORT, 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.
JACKSONVILLE, FLORIDA**

MAY 1996

Bechtel Job No. 22567

CONTENTS

	Page
EXECUTIVE SUMMARY	1
PROJECT DATA SHEET	2
ACRONYMS	3
1.0 PROBLEM STATEMENT	4
2.0 SCOPE OF WORK	4
2.1 MOBILIZATION	5
2.2 CLEARING AND GRUBBING	5
2.3 EXCAVATION.....	5
2.3.1 EXCAVATION INTERFERENCES	5
2.3.2 LIMITS OF EXCAVATION	5
2.3.3 METHOD OF EXCAVATION	6
2.4 WASTE MANAGEMENT	6
2.5 SAMPLING	8
2.5.1 FIELD SAMPLING	8
2.5.2 CONFIRMATORY SAMPLING	8
2.6 BACKFILLING.....	8
2.7 WELL INSTALLATION	8
2.8 SURVEYING.....	9
2.9 SITE RESTORATION.....	9
3.0 MAJOR PROBLEMS ENCOUNTERED/SOLUTIONS ADOPTED	9

APPENDICES

A PROJECT PHOTOGRAPHS	A-1
B FIELD SCREENING DATA	B-1
C WASTE MANIFESTS	C-1
D ENSYS PCB RIS [®] SOIL TEST SYSTEM USER'S GUIDE	D-1
E CONFIRMATORY ANALYTICAL DATA	E-1
F MONITOR WELL CONSTRUCTION SCHEMATICS	F-1

FIGURES AND TABLES

Figure	Title	Page
1	EXCAVATION LIMITS/SAMPLING DETAILS.....	7

Table	Title	
1	SUMMARY OF CONFIRMATORY ANALYSES	10

EXECUTIVE SUMMARY

Bechtel Environmental, Inc. (BEI) conducted remedial actions at the Solid Waste Management Unit 2 (SWMU 2), Polychlorinated Biphenyl (PCB) Area located at the U.S. Naval Station in Mayport, Florida (NS Mayport). This work was performed under Task No. 01 of Delivery Order No. 010. The objective of the project was to remove PCB-contaminated soil from the area and verify attainment of cleanup criteria through field screening and laboratory analyses. PCB contamination of soil resulted from leaking transformers previously stored at the site. The concentrations of Aroclor-1260 ranged from 170 to less than 1 ppm. The cleanup criteria of less than 1 ppm was established in the Draft Interim Measures Work Plan for SWMU 2 PCB Area prepared by ABB, 1994. This document was approved by the Department of the Navy (DON), United States Environmental Protection Agency (USEPA) and the Florida Department of Environmental Protection (FDEP).

The limits of excavation were defined by contamination isopleth maps produced by ABB Environmental, Inc. (ABB, 1994). ARC Surveying (Jacksonville, FL) was subcontracted to survey the boundaries of PCB contaminated soil based the ABB produced maps. BEI performed excavation and sampling activities during the time period of November 7, 1995 through November 16, 1995. BEI subcontracted Native Soils (Charleston, South Carolina) to transport the contaminated soil to the Chemical Waste Management TSCA licensed disposal facility located in Emelle, Alabama (CWM).

Once excavation activities were completed, BEI personnel obtained samples from the excavation floor at horizontal locations approximate to those used by ABB to characterize the site. 107 samples were initially collected to confirm the clean up criteria was satisfied. ENSYS PCB RIS[®] SOIL field test kits were used for analysis. The results of the field analyses indicated that contamination of > 1 ppm persisted in the four grid locations O1, C4, D4, and D4N. Excavation of soil located within these areas was continued until the cleanup criteria of less than 1 ppm was achieved.

Confirmatory samples were taken from ten grid locations which were defined as non-contaminated (after excavation) by field screening. The grid locations were chosen where former high-levels of contamination existing. The samples were delivered to Aquatec Laboratories (Colchester, VT) for PCB EPA Method 8080 analysis. The purpose of the laboratory analyses was to confirm the accuracy of the field screening methods. The laboratory results indicated the field screening results were acceptable.

The excavated areas were then backfilled with clean soil. After the soil was compacted, two monitor wells were installed and the site was seeded.

PROJECT DATA SHEET

NAVFAC South Div.

Project: SWMU 2
Location: NS Mayport, Florida

Navy Contact: David Driggers
Phone: (803) 820-5501

Bechtel Contact: Hermann Bauer
Phone: (904) 779-8900



Project Description:

Remedial construction at NS Mayport involving excavation of approximately 400 cubic yards of PCB contaminated soil. The site was formerly used to stage transformers. The project objective was to remove soil that contained PCB levels equal to or greater than 1 ppm. The extent of contamination was defined by using ENSYS PCB Field Test kits. The Field Test Kits are used to determine when cleanup criteria has been met. Ten percent of the samples were split and submitted for NEESA laboratory analysis. Soil was disposed of at a licensed TSCA disposal facility. In addition, two (2) monitor wells were installed.

Project Innovations & cost savings:

Using the ENSYS Field Test Kit (EPA approved) in conjunction with 10% split samples for QA/QC confirmation reduced analytical costs and provided "real time" data. Real time data expedited the progress of excavation.

Scheduled Completion: June 30, 1996

Actual Completion: June 30, 1996

Budget: \$464,484.00

Cost: \$464,484.00

Scope Additions:

Original scope included excavation of 270 cubic yards of PCB contaminated soil. An additional 130 cubic yards of soil required excavation.

This Page Intentionally Left Blank

List of Acronyms

BEI	Bechtel Environmental Inc.
BLS	Below Land Surface
CWM	Chemical Waste Management
DON	Department of the Navy
USEPA	United States Environmental Protection Agency
ESI	Environmental Site Investigation
FDEP	Florida Department of Environmental Protection
ft.	foot
in.	inch
mg/kg	milligram/kilogram
NS	Naval Station
PCB	Poly Chlorinated Biphenols
ppb	parts per billion
PPM	parts per million
PVC	Poly Vinyl Chloride
SWMU	Solid Waste Management Unit
TSCA	Toxic Substance Control Act
yd	cubic yards

1.0 PROBLEM STATEMENT

PCB contamination was discovered during the Expanded Site Investigation (ESI) activities downgradient of SWMU 2, Landfill B in 1988. The PCB Aroclor-1260 was detected at a maximum concentration of 2,576 mg/kg in a soil sample from the 0-2 ft. sample obtained during installation of monitor well MPT-2-9D. Aroclor-1260 was the only PCB detected. Hereafter, all references to PCB contamination are in regard to Aroclor-1260. The source of the PCB contamination is believed to be leakage from transformers once stored at the Landfill B area. ABB performed the ESI and later conducted field screening at the site to characterize the extent of contamination. Findings from the study indicated PCB contamination appeared to be confined to the upper 12 in. of the soil with higher concentrations near the surface. Based on the field screening PCB concentrations ranged from 5 to 170 ppm. An Interim Remediation Work Plan for SWMU 2 PCB Area was prepared by BEI and used to initiate remedial action. The Work Plan was approved by DON, USEPA and FDEP in June 1995.

2.0 SCOPE OF WORK

The remedial action conducted at the NS Mayport for the SWMU 2 PCB Area was to remove PCB-contaminated soil from the area and verify attainment of clean up criteria through screening and laboratory analyses. Soil containing PCB contamination greater than 1 ppm was excavated, transported and disposed of at CWM. Upon completion of the excavation, the area was backfilled with uncontaminated soil. After all disturbed areas of excavation were successfully remediated and backfilled, the site was graded to match the surrounding terrain and sloped to drain. All disturbed areas were restored by seeding. In order to complete excavation of the contaminated area, two monitor wells (MPT-2-9S and MPT-2-9D) required removal. These wells were replaced after the site was backfilled.

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

- Mobilization
- Clear and Grub
- Excavation
- Waste Management
- Field and Confirmatory Sampling
- Backfilling
- Well Installation
- Surveying
- Site Restoration

Project photographs are located in Appendix A.

2.1 MOBILIZATION

Mobilization activities were initiated on November 5, 1995. Mobilization included delivering to the jobsite and work areas all construction equipment, tools, materials, supplies and miscellaneous articles and establishing a work force sufficient to commence and sustain construction activities.

2.2 CLEARING AND GRUBBING

Clearing consisted of removing all vegetation and debris within the established limits of excavation to support the remedial action activities. Above ground vegetation (e.g., trees and shrubs) was initially removed from the site and disposed at an offsite solid waste facility. Grubbed material removed from contaminated areas were transported with the contaminated soil to CWM.

2.3 EXCAVATION

2.3.1 Excavation Interferences

Prior to beginning excavation, the affected areas were checked for existing utilities and other potential interferences. A utility location survey was performed and three test pits were dug along the fence line to locate three underground telephone lines.

2.3.2 Limits of Excavation

The scope of work included removal of PCB-contaminated soils within the PCB Area site that exhibited levels of PCB (Aroclor-1260) greater than 1 ppm. The Draft Interim Measures Work Plan prepared by ABB Environmental Services, 1994 reported that the majority of the samples collected during Phase I and II RFI activities at the 6 to 12 in. depth contained PCB concentrations orders of magnitude lower than that in corresponding surface soil samples. PCB contamination appeared to be confined to the upper 12 in. of the soil.

The areal extent of soils contaminated with PCB was established by delineating soils that exhibited levels of PCB between 1 and 170 ppm (ABB 1994), as shown on Figure 1. Soil was excavated in an increment of approximately 1 ft. BEI collected soil samples at the new surface. The samples were screened for PCBs using ENSYS PCB RIS[®] SOIL field test. If the results indicated PCB levels were greater than 1 ppm soil layer increments of 6 in. were removed from that grid area. This iterative excavation/ sampling process continued until PCB sample analyses were below 1 ppm. Grid areas are indexed by numeral and number. The X axis is delineated by numeral and the Y axis by number. Several suffixes are used for identification. "N" denotes a grid is located north of the original east-west baseline established by ABB during site characterization. "R" indicates sampling was performed within a grid that required additional excavation to satisfy the "less than 1 PPM PCB soil concentration". "R1" and "R2" indicates a second and third excavation and sampling event occurred. "D" denotes a duplicate sample was obtained. Four grid points, O1, C4, D4, and

D4N required additional excavation. Excavation depths for these grids were: 01-18"; C4-18"; D4-26"; and D4MN-18". The total excavation depths along with the results of the field screening of all grid points are located in Appendix B.

In addition, 4 samples (Perimeter 1, Perimeter 2, Perimeter 3 and Perimeter 4) were obtained from areas adjacent to the limit of excavation. The samples were obtained from the existing land surface and analyzed using the ENSYS PCB RIS[®] SOIL field test kit. Results indicated PCB levels less than 1 ppm (Appendix B).

2.3.3 Method of Excavation

The vast majority of excavation was performed by trackhoe and backhoe. In areas where interferences were present and precluded use of mechanical equipment, excavation was done by hand. The soil was loaded directly into 20 yd³ trucks (26 total) and 20 yd³ roll off containers (9 total). All interferences such as existing utilities were properly maintained while the excavation, backfilling and site restoration were in progress.

2.4 WASTE MANAGEMENT

Approximately 699.2 tons of soil, vegetation and other debris (PPE, visqueen, and spent ENSYS PCB RIS[®] SOIL test kits) were loaded into trucks and roll off containers for transport to and disposal at the CWM. Appendix C provides a summary of individual soil load weights per truck or container along with copies of individual waste manifests.

All equipment was initially decontaminated by physically removing the majority of soil from equipment tracks, wheels, and buckets prior to pressure washing. Physical removal of soil prior to pressure washing assisted in the reduction of waste water generated during decontamination of equipment. Approximately 75 gallons of waste water was generated during equipment decontamination. An additional 40 gallons was generated during personnel and sampling equipment decontamination. All water was contained within the temporary decontamination facility and disposed directly in trucks containing contaminated soil. Care was taken to ensure all water was absorbed by the soil so that there were no free liquids.

Soil cuttings, decontamination fluids and development water generated during monitor well installation was containerized, labeled and staged at the drill site. One composite sample was obtained from the 3 drums of soil cuttings for PCB analysis. Analysis was performed using the ENSYS PCB RIS[®] SOIL field test. Results were positive (change in optical density) indicating PCB concentration were less than 1 ppm. BEI was instructed by Mayport Staff Civil to dispose of the soil and fluids at the drill site.

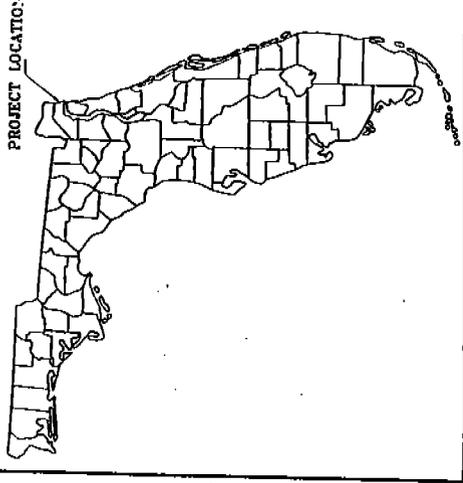
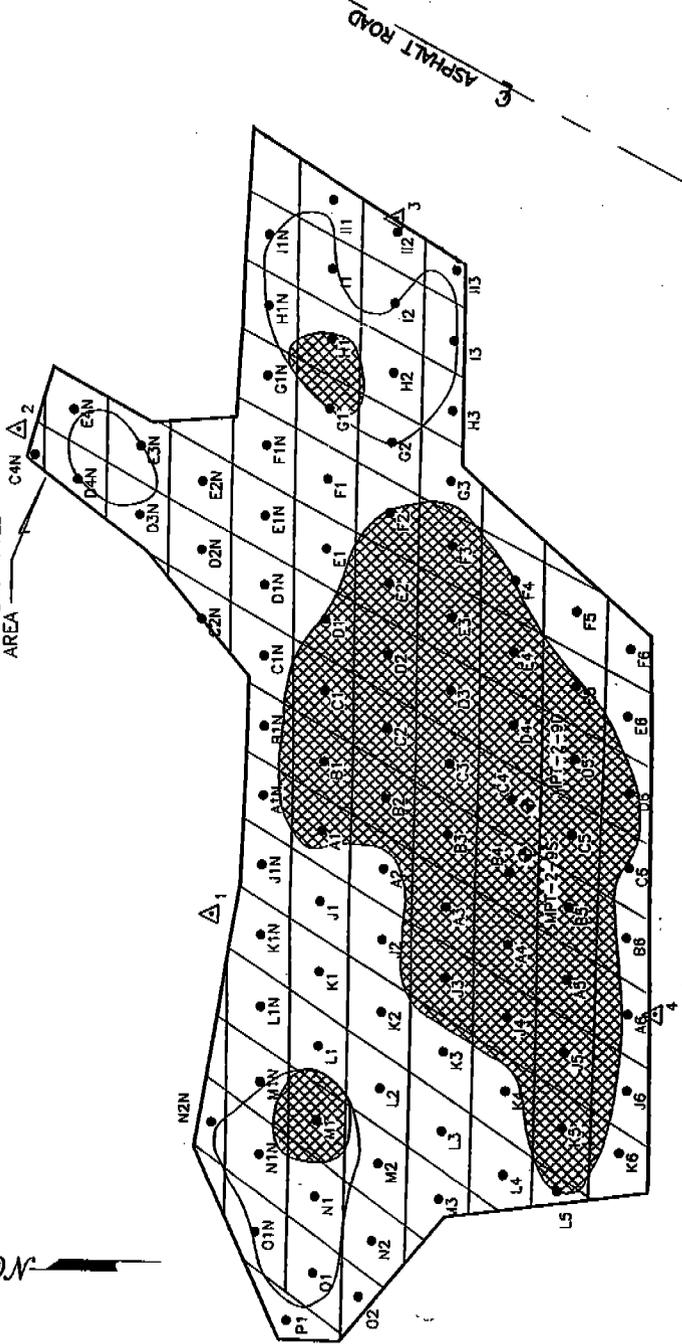


Figure 1
Excavation Limits/Sampling Details



LIMITS OF EXCAVATED AREA



2.5 SAMPLING

2.5.1 Field Sampling

Field screening of samples for PCB content was conducted using ENSYS PCB RIS[®] SOIL field test for PCBs in soil. The immunoassay-based field screening method for PCBs conformed to EPA Draft Method 4020. A copy of the field screening method is included in Appendix D. Field screening was performed on samples obtained from locations designated by ABB's characterization sampling grid. Screening was performed to aid in the excavation of soil PCB concentration greater than 1 ppm. Soil was excavated, after which field screening results were used to guide additional excavation. In addition, 4 samples (Perimeter 1, Perimeter 2, Perimeter 3 and Perimeter 4) were obtained from areas adjacent to the limit of excavation. The results of the field screening for all grid points along with the total excavation depths are located in Appendix B.

2.5.2 Confirmatory Sampling

To confirm the results of the ENSYS PCB RIS[®] SOIL field test, confirmatory soil sampling was conducted. Confirmatory samples were taken from ten grid locations which were defined as non-contaminated (after excavation) by field screening. The grid locations were chosen where former high-levels of contamination existing. Twelve soil samples (grids C1, C3, C5, E3N, F3, G1, H2, H2 duplicate, J3, K5, M1, M1 matrix spike/matrix spike duplicate) and one decon rinseate sample were delivered to Aquatec Laboratories (Colchester, VT) for PCB EPA Method 8080 analysis. The purpose of the laboratory analyses was to confirm the accuracy of the field screening methods. The laboratory results indicated the field screening results were acceptable. Table 1 provides a summary of the results of the analyses. The original laboratory data is located in Appendix E.

2.6 BACKFILLING

Backfilling commenced after receipt of confirmatory soil sample analytical data. On December 8, 1995, approximately 660 yards of backfill soil was transported to the site and unloaded. The soil was placed within the open excavation was compacted by driving heavy equipment (Caterpillar D-4 bulldozer) a minimum of four passes over the backfill.

2.7 WELL INSTALLATION

Once the contaminated soil was excavated and the disturbed areas were restored, two groundwater monitoring wells (MPT-2-95-R and MPT-2-95-R) were installed by Partridge Well Drilling (Jacksonville, FL). These wells replaced abandoned wells MPT-2-9S and MPT-2-9D. The wells were constructed with 2 in. inside diameter, flush threaded, schedule 40 PVC casing, with 0.010 in. slotted screen. The exact depth of each well and length of risers and screens was determined prior to installation and is in accordance with the Draft Interim Measures Workplan (ABB, 1994). A 20/30 silica sand filter was placed in the annular space around the screen 0.5 to 1 ft above the top of the screen. A 1 to 2 ft bentonite seal was placed

above the filter sand. The remaining annular space above the bentonite seal was grouted with a cement-bentonite grout to the surface. A 2 in. locking cap was installed at the top of the riser. An 8 in. diameter steel protective manhole was installed at each well location. Monitoring well construction schematics are provided in Appendix F. The wells were developed the following day by overpumping.

Once the wells were installed and developed, a licensed land surveyor (ARC Surveying) determined coordinates and elevations of each well location (Appendix F).

2.8 SURVEYING

Boundaries of the contaminated soil were surveyed prior to excavation. These boundaries were provided by ABB. Following excavation of contaminated soil, the excavated pit boundaries were surveyed. The excavation "as-built" is provided in Figure 1. In general, a constant depth of 1 ft. was achieved with the exception of grids O1, C4, D4 and D4N.

Upon the completion of monitor well installation, state plane coordinates and elevations of each well were surveyed. This information is provided on the monitor well construction schematic, Appendix F.

Surveying was also performed by BEI to serve as a check to insure proper depth during excavation. Random grid location points were sighted before and after excavation to maintain an approximate depth of 1 ft.

2.9 SITE RESTORATION

After all areas of excavation were backfilled, the areas were graded for proper drainage. The excavation grade was sloped from the center outward so that runoff would flow away from the backfill area. At the completion of finish grading, all disturbed areas were seeded.

3.0 MAJOR PROBLEMS ENCOUNTERED/SOLUTIONS ADOPTED

During review of the Draft Interim Measures Workplan for SWMU 2 (ABB, 1994), it was discovered that Figures 2-2, 4-1, 4-2, 4-3, and 6-1 along with text erroneously stated a maximum concentration of PCB in soil was 1700 ppm. The true maximum concentration of PCB in soil was determined to be 170 ppm. On July 24, 1995 ABB issued the revised figures 2-2, 4-1, 4-2, 4-3, and 6-1 along with revised text for the Interim Measures Workplan for the SWMU 2 PCB Area stating the accurate maximum concentration of 170 ppm.

Table 1
Summary of Confirmatory Analyses

Sample ID	Corr. Grid	Units	Arochlor Concentration Units: ug/Kg						
			1016	1221	1232	1242	1248	1254	1260
MPO606901	K5	ug/Kg	20 U	20 U	20 U	20 U	20 U	20 U	20 U
MPO607001	E3N	ug/Kg	19 U	19 U	19 U	19 U	19 U	19 U	19 U
MPO607101	M1	ug/Kg	19 U	19 U	19 U	19 U	19 U	19 U	19 U
MPO607201	H2	ug/Kg	20 U	20 U	20 U	20 U	20 U	20 U	20 U
MPO607301	H2*	ug/Kg	20 U	20 U	20 U	20 U	20 U	20 U	20 U
MPO607401	C-1	ug/Kg	20 U	20 U	20 U	20 U	20 U	20 U	26
MPO607501	C3	ug/Kg	20 U	20 U	20 U	20 U	20 U	20 U	130
MPO607601	F3	ug/Kg	20 U	20 U	20 U	20 U	20 U	20 U	20 U
MPO607701	G3	ug/Kg	21 U	21 U	21 U	21 U	21 U	21 U	21 U
MPO607801	J3	ug/Kg	20 U	20 U	20 U	20 U	20 U	20 U	20 U
MPO607901	C5	ug/Kg	100 U	100 U	100 U	100 U	100 U	100 U	860

U Not Detected
 * Duplicate of MPO607201

As a result of excessive rainfall during August, September and October, 1995, performance of the SWMU 2 Project was delayed. Equipment, materials and personnel were mobilized to begin excavation activities on August 21, 1995. Significant rainfall occurred on August 22, 1995 - approximately 8 in. Frequent rainfall continued through October 13, 1995. As a result, soil at SWMU 2 has remained in varying degrees of saturation. Soil which contains free liquids could not be transported. Therefore the project was delayed for approximately eight weeks.

The Interim Remediation Measures Work Plan (BEI, 1995) stated that existing monitoring wells, MPT-2-9S and MPT-2-9D were to be abandoned by BEI. However, prior to BEI mobilization, ABB's drilling subcontractor abandoned the wells by grouting them in place. During excavation activities, BEI removed the well protector and associated slab and cut off the PVC riser 2.5' BLS.

APPENDIX A

PROJECT PHOTOGRAPHS

Solid Waste Management Unit 2
Photograph Log

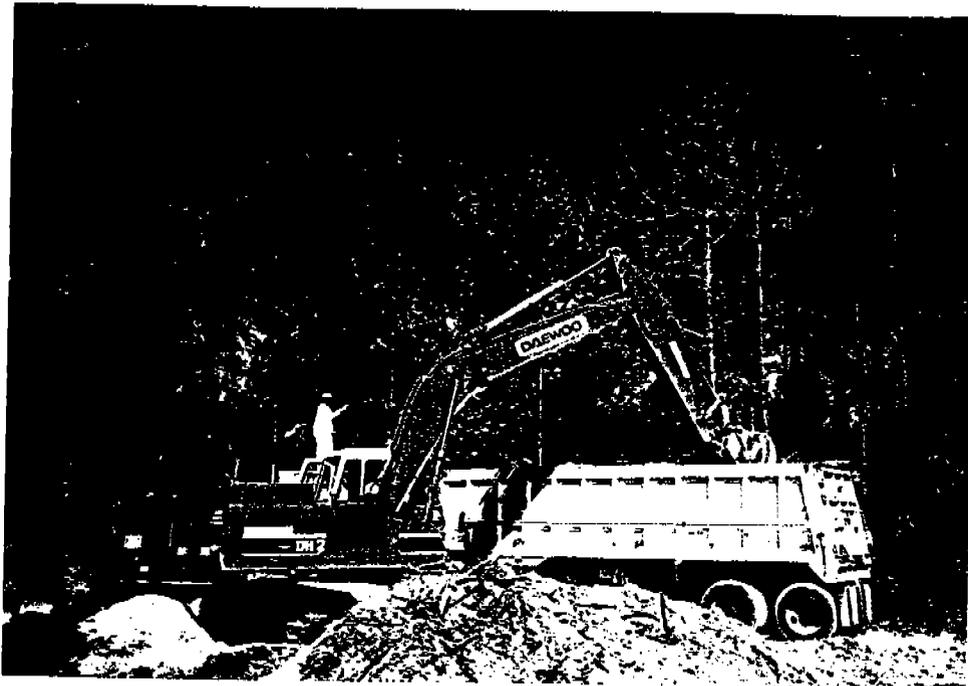


1	11/7/95	Initiating excavation activities. Survey rod man assisting in elevation survey.	SWMU 2, NS Mayport
---	---------	---	--------------------



2	11/7/95	Initial load.	SWMU 2, NS Mayport
---	---------	---------------	--------------------

Solid Waste Management Unit 2
Photograph Log



3	11/7/95	Truck driver assisting trackhoe operator during operations.	SWMU 2, NS Mayport
---	---------	---	--------------------



4	11/7/95	Loaded trucks. All loads are covered and placarded.	SWMU 2, NS Mayport
---	---------	---	--------------------

**Solid Waste Management Unit 2
Photograph Log**

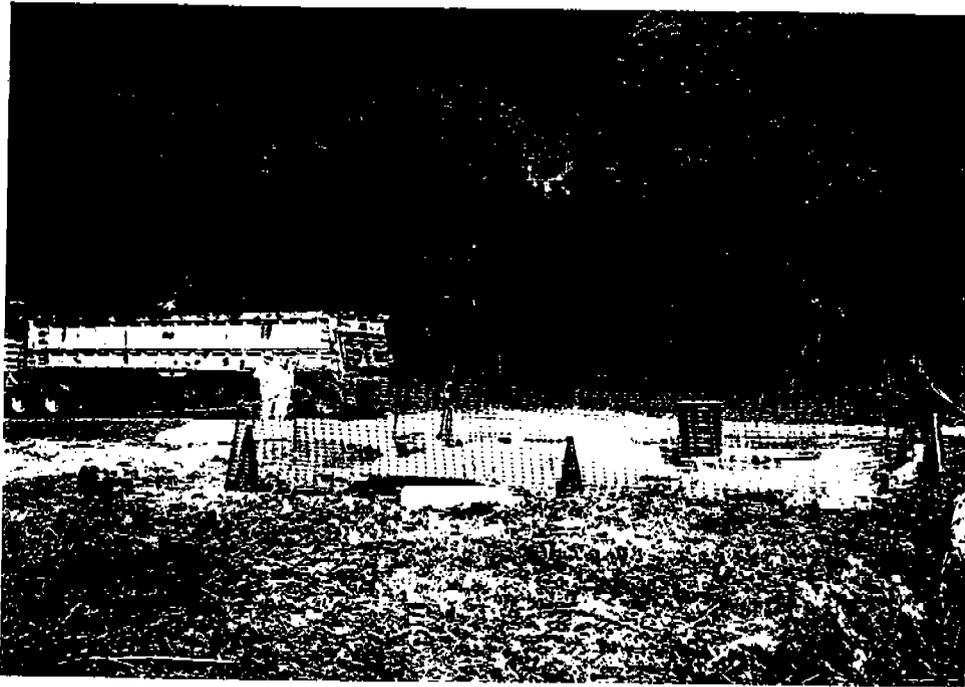


5	11/7/95	Visqueen sheeting application preventing cross contamination of excavated areas.	SWMU 2, NS Mayport
---	---------	--	--------------------



6	11/7/95	Visqueen sheeting application preventing cross contamination of excavated areas.	SWMU 2, NS Mayport
---	---------	--	--------------------

**Solid Waste Management Unit 2
Photograph Log**

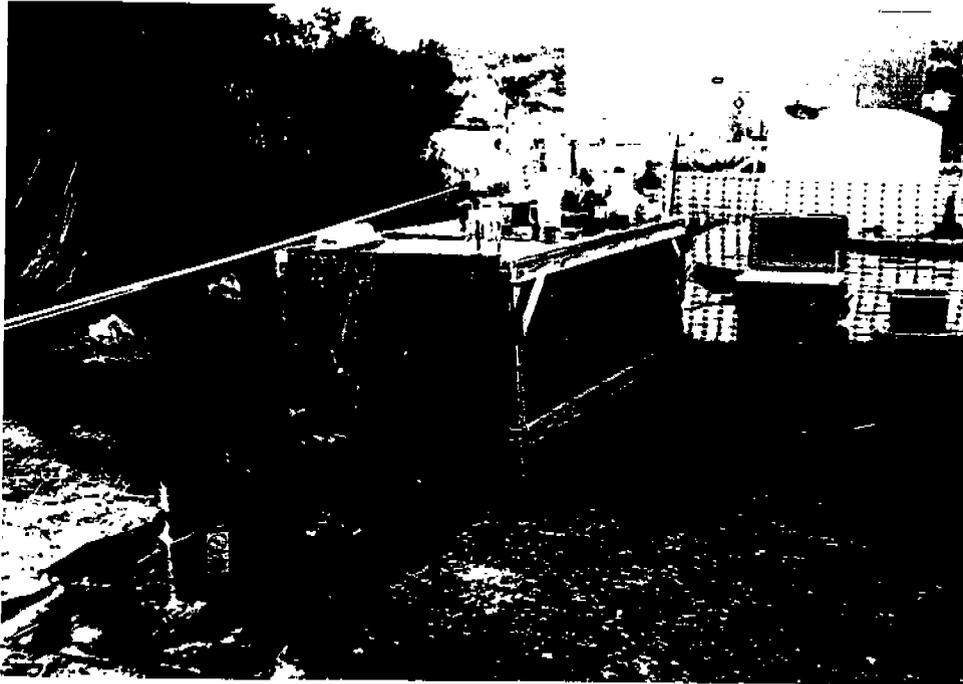


7	11/7/95	Personnel decontamination facility.	SWMU 2, NS Mayport
---	---------	-------------------------------------	--------------------



8	11/10/95	BEI Project Scientist and Sample Technicians performing soil sampling activities.	SWMU 2, NS Mayport
---	----------	---	--------------------

**Solid Waste Management Unit 2
Photograph Log**



9	11/10/95	Sampling equipment decontamination station.	SWMU 2, NS Mayport
---	----------	---	--------------------



10	11/14/95	BEI sample technician labeling laboratory materials (filtration plunger, dilution ampules, sample tubes, weight boat, extraction jar).	SWMU 2, NS Mayport
----	----------	--	--------------------

**Solid Waste Management Unit 2
Photograph Log**



11	11/14/95	Diluted sample extract undergoing incubation.	SWMU 2, NS Mayport
----	----------	---	--------------------

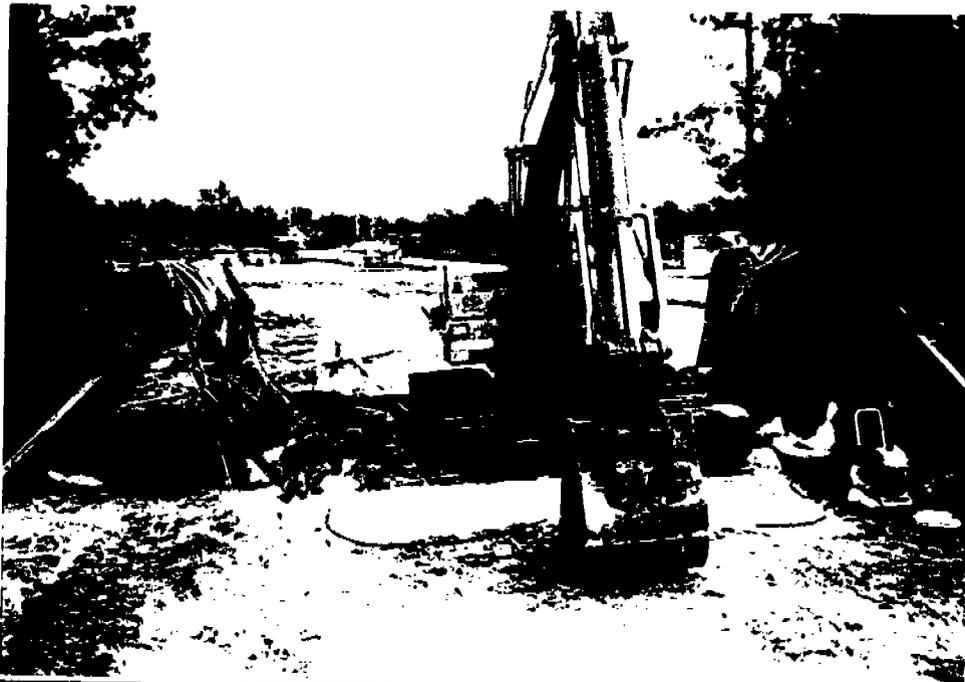


12	11/16/95	C4 and D4 grids failed initial field screen. Pin flags located at sampling location for representative grid.	SWMU 2, NS Mayport
----	----------	--	--------------------

**Solid Waste Management Unit 2
Photograph Log**



13	11/16/95	Continued excavation at C4 and D4.	SWMU 2, NS Mayport
----	----------	------------------------------------	--------------------



14	11/8/95	Equipment decontamination. All water contained.	SWMU 2, NS Mayport
----	---------	---	--------------------

Solid Waste Management Unit 2
Photograph Log



15	11/8/95	Equipment decontamination. All water contained.	SWMU 2, NS Mayport
----	---------	---	--------------------



16	1/5/96	Backfilled area seeded and restored to original condition. Replacement monitor wells MPT-2-9D and MPT-2-9S (Foreground) installed.	SWMU 2, NS Mayport
----	--------	--	--------------------

APPENDIX B

FIELD SCREENING DATA

Summary of PCB Field Screening Soil Test Data						
Date	Grid/ Sample ID	Change in Optical Density	Optical Density Sample	Interpretation	Final Excavation Depth Where Sample was Retrieved	Comments
11/15/95	A1	0.24	<1 ppm	PASS	12"	
11/15/95	A1N	0.38	<1 ppm	PASS	12"	
11/14/95	A2	1.16	<1 ppm	PASS	12"	
11/14/95	A3	0.63	<1 ppm	PASS	12"	
11/14/95	A4	0.54	<1 ppm	PASS	12"	
11/14/95	A5	0.89	<1 ppm	PASS	12"	
11/15/95	A6	0.52	<1 ppm	PASS	12"	
11/14/95	B1	1.27	<1 ppm	PASS	12"	
11/14/95	B1N	0.12	<1 ppm	PASS	12"	
11/14/95	B2	1.17	<1 ppm	PASS	12"	
11/14/95	B3	0.57	<1 ppm	PASS	12"	
11/14/95	B4	0.50	<1 ppm	PASS	12"	
11/14/95	B5	0.66	<1 ppm	PASS	12"	
11/14/95	B6	0.98	<1 ppm	PASS	12"	
11/14/95	C1	0.50	<1 ppm	PASS	12"	
11/14/95	C1N	0.67	<1 ppm	PASS	12"	
11/15/95	C2	0.54	<1 ppm	PASS	12"	
11/15/95	C2N	0.22	<1 ppm	PASS	12"	
11/15/95	C3	0.49	<1 ppm	PASS	12"	
11/15/95	C4	-1.02	>1 ppm	FAIL	12"	
11/14/95	C4N	0.84	<1 ppm	PASS	12"	Rechecked and results remained same
11/16/95	C4R	0.20	<1 ppm	PASS	18"	C4 Grid
11/14/95	C5	0.82	<1 ppm	PASS	12"	
11/14/95	C6	0.85	<1 ppm	PASS	12"	
11/14/95	D1	0.12	<1 ppm	PASS	12"	
11/14/95	D1N	0.53	<1 ppm	PASS	12"	
11/14/95	D2	0.09	<1 ppm	PASS	12"	
11/15/95	D2N	0.40	<1 ppm	PASS	12"	

11/14/95	D3	1.39	<1 ppm	PASS	12"	
11/15/95	D3N	0.60	<1 ppm	PASS	12"	
11/15/95	D4	-0.38	>1 ppm	FAIL	12"	Rechecked and results remained same
11/15/95	D4N	-0.81	>1 ppm	FAIL	12"	Rechecked and results remained same
11/16/95	D4NR	0.64	<1 ppm	PASS	18"	D4N Grid
11/16/95	D4R1	-1.12	>1 ppm	FAIL	18"	Rechecked and results remained same
11/16/95	D4R2	0.85	<1 ppm	PASS	26"	D4 Grid
11/15/95	D5	0.94	<1 ppm	PASS	12"	
11/15/95	D6	0.54	<1 ppm	PASS	12"	
11/14/95	E1	0.88	<1 ppm	PASS	12"	
11/15/95	E1N	0.30	<1 ppm	PASS	12"	
11/15/95	E2	1.11	<1 ppm	PASS	12"	
11/14/95	E2N	1.32	<1 ppm	PASS	12"	
11/15/95	E3	0.39	<1 ppm	PASS	12"	
11/14/95	E3N	1.28	<1 ppm	PASS	12"	
11/14/95	E4	0.03	<1 ppm	PASS	12"	
11/14/95	E4N	1.48	<1 ppm	PASS	12"	
11/14/95	E5	1.06	<1 ppm	PASS	12"	
11/14/95	E6	1.01	<1 ppm	PASS	12"	
11/14/95	F1	1.03	<1 ppm	PASS	12"	
11/14/95	F1N	1.18	<1 ppm	PASS	12"	
11/13/95	F2	0.46	<1 ppm	PASS	12"	
11/14/95	F3	0.82	<1 ppm	PASS	12"	
11/13/95	F4	0.53	<1 ppm	PASS	12"	
11/14/95	F5	0.91	<1 ppm	PASS	12"	
11/14/95	F6	0.67	<1 ppm	PASS	12"	
11/14/95	G1	0.82	<1 ppm	PASS	12"	
11/14/95	G1N	0.87	<1 ppm	PASS	12"	
11/14/95	G2	0.90	<1 ppm	PASS	12"	
11/14/95	G3	1.22	<1 ppm	PASS	12"	
11/14/95	H1	0.91	<1 ppm	PASS	12"	
11/14/95	H1N	0.57	<1 ppm	PASS	12"	
11/14/95	H2	0.77	<1 ppm	PASS	12"	
11/13/95	H3	0.17	<1 ppm	PASS	12"	
11/14/95	I1N	0.49	<1 ppm	PASS	12"	

11/14/95	I1	0.35	<1 ppm	PASS	12"
11/14/95	I2	0.84	<1 ppm	PASS	12"
11/14/95	I3	0.38	<1 ppm	PASS	12"
11/14/95	II1	0.48	<1 ppm	PASS	12"
11/14/95	II2	0.16	<1 ppm	PASS	12"
11/14/95	II3	0.85	<1 ppm	PASS	12"
11/15/95	J1	0.23	<1 ppm	PASS	12"
11/14/95	J1N	1.14	<1 ppm	PASS	12"
11/15/95	J2	0.37	<1 ppm	PASS	12"
11/14/95	J3	0.90	<1 ppm	PASS	12"
11/14/95	J4	0.52	<1 ppm	PASS	12"
11/14/95	J5	0.86	<1 ppm	PASS	12"
11/14/95	J6	0.69	<1 ppm	PASS	12"
11/14/95	K1	0.74	<1 ppm	PASS	12"
11/14/95	K1N	1.12	<1 ppm	PASS	12"
11/14/95	K2	0.79	<1 ppm	PASS	12"
11/14/95	K3	1.12	<1 ppm	PASS	12"
11/14/95	K4	0.23	<1 ppm	PASS	12"
11/14/95	K5	0.79	<1 ppm	PASS	12"
11/14/95	K6	0.58	<1 ppm	PASS	12"
11/15/95	L1	0.28	<1 ppm	PASS	12"
11/14/95	L1N	1.45	<1 ppm	PASS	12"
11/15/95	L2	0.14	<1 ppm	PASS	12"
11/13/95	L3	0.19	<1 ppm	PASS	12"
11/14/95	L4	0.82	<1 ppm	PASS	12"
11/14/95	L5	1.03	<1 ppm	PASS	12"
11/15/95	M1	0.23	<1 ppm	PASS	12"
11/15/95	M1N	0.21	<1 ppm	PASS	12"
11/14/95	M2	0.91	<1 ppm	PASS	12"
11/14/95	M3	1.20	<1 ppm	PASS	12"
11/14/95	N1	0.80	<1 ppm	PASS	12"
11/15/95	N1N	0.54	<1 ppm	PASS	12"
11/14/95	N2	1.29	<1 ppm	PASS	12"
11/15/95	N2N	0.80	<1 ppm	PASS	12"
11/14/95	O1	-0.63	>1 ppm	FAIL	12"
					Rechecked and results remained same

11/14/95	O1N	0.58		<1 ppm	PASS	12"	
11/16/95	O1R	0.76		<1 ppm	PASS	18"	O1 Grid
11/14/95	O2	0.65		<1 ppm	PASS	12"	
11/15/95	P1	0.51		<1 ppm	PASS	12"	
11/14/95	A3D	1.09		<1 ppm	PASS	12"	
11/15/95	A4D	1.06		<1 ppm	PASS	12"	
11/14/95	B1ND	0.76		<1 ppm	PASS	12"	
11/14/95	C2ND	0.47		<1 ppm	PASS	12"	
11/14/95	C5D	1.30		<1 ppm	PASS	12"	
11/14/95	C6D	0.91		<1 ppm	PASS	12"	
11/14/95	I1D	0.56		<1 ppm	PASS	12"	
11/14/95	I2D	1.05		<1 ppm	PASS	12"	
11/14/95	K1D	0.35		<1 ppm	PASS	12"	
11/15/95	K2D	0.48		<1 ppm	PASS	12"	
12/8/95	P 1	0.05		<1 ppm	PASS	0-6"	Sample obtained at excavation perimeter
12/8/95	P 2	0.10		<1 ppm	PASS	0-6"	Sample obtained at excavation perimeter
12/8/95	P 3	0.54		<1 ppm	PASS	0-6"	Sample obtained at excavation perimeter
12/8/95	P 4	0.38		<1 ppm	PASS	0-6"	Sample obtained at excavation perimeter
12/18/95	DC1	0.55		<1 ppm	PASS	N/A	Drill cuttings composite sample

APPENDIX C

WASTE MANIFESTS

Summary of Soil Load Weights
Trucks

<u>State Waste Manifest Document Number</u>	<u>Weight (lbs)</u>
801102	41,500
801101	41,360
801100	42,480
801099	42,960
801097	45,020
801098	42,480
801096	43,500
801093	47,180
801086	42,280
801087	45,600
801088	45,980
801089	47,440
801090	45,480
801091	45,220
801115	38,680
801114	39,320
801113	43,320
801112	46,180
801110	44,840
801109	43,020
801108	42,160
801106	43,420
801107	44,000
801105	39,920
801104	37,080
801103	47,100

Summary of Soil Load Weights
Roll Off Containers

<u>State Waste Manifest Document Number</u>	<u>Weight (lbs)</u>
801092	34,200
801094	32,160
778773	33,160
778770	34,240
778771	26,160
778769	32,160
801111	36,000
778775	16,580
778774	26,440



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. E11211710101412161013151417	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		4. Generator's Phone (904) 772-4551		A. State Manifest Document Number CWMA 801102		
5. Transporter 1 Company Name ENVIRONMENTAL TECHNOLOGICAL SERVICES FLORIDA		6. US EPA ID Number E11211710101412161013151417		B. State Generator's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter 1 ID		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number A L D 0 0 0 6 2 2 4 6 4		D. Transporter's Phone		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		14. Unit Wt/Vol
a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPM		No. Type		Quantity		Waste No.
Disposal Approval # <u>062396-5001</u> CWM Profile # <u>RM417</u>		901 DT 4/15/00 R				
b. Disposal Approval # _____ CWM Profile # _____						
c. Disposal Approval # _____ CWM Profile # _____						
d. Disposal Approval # _____ CWM Profile # _____						
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes (Listed Above)				
State of Generation: _____		A. (DOT) SERVICE DATE: _____				
15. Special Handling Instructions and Additional Information						
Purchase Order # _____						
Work Order # <u>960796</u> EMERGENCY CONTACT: <u>1-800-424-9300 CHEMREC EFB 31</u>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <u>SUSAN M WEAIS</u>		Signature <i>Susan M Weais</i>		Month Day Year <u>11/10/98</u>		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year <u>11/10/98</u>
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						
Printed/Typed Name		Signature		Month Day Year		



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved, OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. F11911701012142161035250	Manifest Document No. 5250	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		4. Generator's Phone (904) 772-4551		A. State Manifest Document Number GWMA 801101		
5. Transporter 1 Company Name FANUC WISCONSIN TRANSPORTATION SERVICE DIVISION		6. US EPA ID Number		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 205/652-9721		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPM				12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
Disposal Approval # <u>062396-0001</u> CWM Profile # <u>EM0417</u>				0101	01741360	SP
b.						
Disposal Approval # _____ CWM Profile # _____						
c.						
Disposal Approval # _____ CWM Profile # _____						
d.						
Disposal Approval # _____ CWM Profile # _____						
J. Additional Descriptions for Materials Listed Above UNIT OF SERVICE DATE				K. Handling Codes for Wastes Listed Above		
State of Generation						
15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # <u>262794</u> EMERGENCY CONTACT: <u>1-800-424-9300 CHEMTREC ERG 31</u>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <u>SUSAN M 11/22</u>		Signature <u>[Signature]</u>		Month Day Year <u>11/22/95</u>		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name <u>[Name]</u>		Signature <u>[Signature]</u>		Month Day Year <u>11/22/95</u>		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. E1119117101214216101315121517	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		A: State Manifest Document Number CWMA 801100		B: State Generator's ID		
4. Generator's Phone (904) 772-4551		6. US EPA ID Number		C: State Transporter's ID		
5. Transporter 1 Company Name EMERGENCY RESPONSE TRANSPORTATION SERVICES		8. US EPA ID Number		D: Transporter's Phone		
7. Transporter 2 Company Name		8. US EPA ID Number		E: State Transporter's ID		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		F: Transporter's Phone		
				G: State Facility's ID		
				H: Facility's Phone 205/652-9721		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	Waste No.	
a. RG, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPM)						
Disposal Approval # 052336-0001 CWM Profile # BMA17		0101	01T	42480	K	
b.						
Disposal Approval # CWM Profile #						
c.						
Disposal Approval # CWM Profile #						
d.						
Disposal Approval # CWM Profile #						
J: Additional Descriptions for Materials Listed Above D-DIT D-EMVID DATE		K: Handling Codes for Wastes Listed Above				
L: State of Generation						
15. Special Handling Instructions and Additional Information						
Purchase Order #						
Work Order # 260796 EMERGENCY CONTACT: 1-800-424-9300 CHEMREC ERG 31						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.						
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name SUSAN M WEBB		Signature <i>Susan M Webb</i>		Month Day Year 11/19/91		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name <i>Charles Brown</i>		Signature		Month Day Year		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-30-93

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL191710021A1610357113	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		4. Generator's Phone (904) 772-4551		A: State Manifest Document Number CWMA 801099	
5. Transporter 1 Company Name SANDHURST TRANSPORTATION SERVICES, INC. 10151791611610131613		6. US EPA ID Number		B: State Generator's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		C: State Transporter's ID	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		D: Transporter's Phone E: State Transporter's ID F: Transporter's Phone G: State Facility's ID H: Facility's Phone 205/652-9724	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPG		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
Disposal Approval # <u>06236-0001</u> CWM Profile # <u>BP417</u>		11/15/91 42191610			
b. Disposal Approval # _____ CWM Profile # _____					
c. Disposal Approval # _____ CWM Profile # _____					
d. Disposal Approval # _____ CWM Profile # _____					
J: Additional Descriptions for Materials Listed Above AT CUT OF SERVICE DATE		K: Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # <u>31-10861</u> EMERGENCY CONTACT: <u>1-800-424-9300 CHEMTREC FRG 31</u>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <u>SILVIA M. JONES</u>		Signature <u>[Signature]</u>		Month Day Year <u>11/15/91</u>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <u>Steve H. Hall</u>		Signature <u>[Signature]</u>		Month Day Year <u>11/15/91</u>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name					
Signature		Month Day Year			



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved, OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL1917002424035253	Manifest Document No. 57253	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		A. State Manifest Document Number CWMA 801097		B. State Government ID		
4. Generator's Phone (904) 772-4551	6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
5. Transporter 1 Company Name E.M. SAINSBURY TRUCKING COMPANY	7. Transporter 2 Company Name		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		G. State Facility ID		H. Facility's Phone 205/652-9721
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN3077, III CONTAINS PCB > 50 PPM			No.			PCB
Disposal Approval # <u>05236-0001</u> CWM Profile # <u>RM417</u>			0101 010490210P			
b.						
Disposal Approval # _____ CWM Profile # _____						
c.						
Disposal Approval # _____ CWM Profile # _____						
d.						
Disposal Approval # _____ CWM Profile # _____						
16. Additional Descriptions for Materials Listed Above DO NOT RE-USE DATE			17. Handling Codes for Wastes Listed Above			
State of Generation: <u>FL</u>						
15. Special Handling Instructions and Additional Information						
Purchase Order # _____						
Work Order # <u>760796</u> EMERGENCY CONTACT: <u>1-800-424-3300 CENTREC. FEB 31</u>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <u>SUSAN M. WILSON</u>		Signature <u>Susan M. Wilson</u>		Month Day Year <u>11/10/95</u>		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <u>Thomas Brown</u>		Signature <u>Thomas Brown</u>		Month Day Year <u>11/10/95</u>
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.						
Printed/Typed Name		Signature		Month Day Year		



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved, OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. E11911701021421610213131514	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		A. State Manifest Document Number CWMA 801098		B. State Generator's ID		
4. Generator's Phone (904) 772-4551	5. Transporter 1 Company Name EMERGENCY TOXICITY SERVICES INC	6. US EPA ID Number 10KID9011610512613	C. State Transporter's ID	D. Transporter's Phone		
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID		F. Transporter's Phone		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number AL0000622464	G. State Facility's ID	H. Facility's Phone 205/652-9721		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. 83, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN0077, III (CONTAINS PCB) 50 PPD		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.	
Disposal Approval # 05236-0001 CWM Profile # 80A17		0101 D1742480P				
b. Disposal Approval # CWM Profile #						
c. Disposal Approval # CWM Profile #						
d. Disposal Approval # CWM Profile #						
J. Additional Descriptions for Materials Listed Above BY OUT OF SERVICE BUREAU		K. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information Purchase Order # Work Order # 260740 EMERGENCY CONTACT: 1-800-424-9300 CHEMREC ERG 31						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name SUSAN M WEBB		Signature Susan M Webb		Month Day Year 11/10/78		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year 11/10/78		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name						
Signature		Month Day Year				



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved, OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. E119117101241916103151215	Manifest Document No. 119117101241916103151215	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		A. State Manifest Document Number CWMA 801096		B. State Generator's ID	
4. Generator's Phone (904) 770-4551	6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone
5. Transporter 1 Company Name EMERGENCY TRANSPORTATION SERVICES	7. Transporter 2 Company Name EMERGENCY TRANSPORTATION SERVICES		E. State Transporter's ID		F. Transporter's Phone
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number A1D000622464		G. State Facility's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN3077, III (CONTAINS PCB) > 50 PPM		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
Disposal Approval # <u>062396-0001</u> CWM Profile # <u>800417</u>		201 DIT 43500 P			
b. Disposal Approval # _____ CWM Profile # _____					
c. Disposal Approval # _____ CWM Profile # _____					
d. Disposal Approval # _____ CWM Profile # _____					
15. Additional Descriptions for Materials Listed Above OUT OF SERVICE WASTE		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # <u>242770</u> EMERGENCY CONTACT: 1-800-424-9300 CHEMREC E93 31					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name SUSAN M WOODS		Signature <i>Susan M Woods</i>		Month Day Year 11/10/91	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name ROY JAMES TURNER JR.		Signature <i>Roy James Turner Jr.</i>		Month Day Year 11/10/91	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name					
Signature		Month Day Year			



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. F11911710102142610315121310	Manifest Document No. 1310	2. Page 1 of 1	Information in the shaded areas not required by Federal law.
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		A. State Manifest Document Number CWMA 801088		B. State Generator's ID	
4. Generator's Phone (904) 772-4551	6. US EPA ID Number		C. State Transporter's ID		D. Generator's Phone
5. Transporter 1 Company Name ENVIRONMENTAL TRAILER SERVICE, INC.	8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459	10. US EPA ID Number A140000622464		G. State Facility ID		H. Facility Phone 205/652-9721
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, N.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPG		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Yr	Waste No.
Disposal Approval # <u>66236-0001</u> CWM Profile # <u>EM417</u>		001 DT 42280 P			
b. Disposal Approval # _____ CWM Profile # _____					
c. Disposal Approval # _____ CWM Profile # _____					
Disposal Approval # _____ CWM Profile # _____					
13. Additional Descriptions for Materials Listed Above		14. Handling Codes for Wastes Listed Above			
State of Generation					
15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # <u>259777</u> EMERGENCY CONTACT: 1-800-424-9300 CHEMTREC EPC 31					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <u>SUSAN M WEBB</u>		Signature <i>Susan M Webb</i>		Month Day Year <u>11 9 77</u>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <u>DAN KENNEDY</u>		Signature <i>Dan Kennedy</i>		Month Day Year <u>11 9 77</u>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name					
Signature		Month Day Year			

GENERATOR

TRANSPORTER

CILITY



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 6-30

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL121171012141610135231	Manifest Document No. 5231	2. Page 1 of 1	Information in the shaded areas not required by Federal law.
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		6. US EPA ID Number		A. State Manifest Document Number GWMA 801087	
4. Generator's Phone (904) 772-4551		7. Transporter 1 Company Name ENVIRONMENTAL TRANSPORTATION SERVICES, INC		B. State Generator's ID	
5. Transporter 1 Company Name		8. US EPA ID Number 10K1D1918116101513613		C. State Transporter's ID	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		D. State Transporter's Phone 205/652-9721	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RES, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.Q.S. 9, UN3077, III (CONTAINS PCB) 50 PPM		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
Disposal Approval # <u>062326-001</u> CWM Profile # <u>RM417</u>		2161 DT 4576100 P			
b. Disposal Approval # _____ CWM Profile # _____					
c. Disposal Approval # _____ CWM Profile # _____					
Disposal Approval # _____ CWM Profile # _____					
J. Additional Descriptions for Materials Listed Above OUT OF SERVICE UNIT		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # <u>259377</u> EMERGENCY CONTACT: <u>1-800-424-9300 CHEMTRK FRG 31</u>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <u>Steven A. W...</u>		Signature <u>[Signature]</u>		Month Day Year <u>1/1/97</u>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Month Day Year <u>1/1/97</u>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name <u>[Signature]</u>		Signature <u>[Signature]</u>		Month Day Year <u>1/1/97</u>	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year					

GENERATOR

TRANSPORTER

CITY



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

E1191710024210152132

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas not required by Federal law.

3. Generator's Name and Mailing Address

NAVAL STATION MAYPORT
PUBLIC WORKS CTR BOX 30 CODE 300
JACKSONVILLE, FL 32212

A. State Manifest Document Number
CWMA 801088

4. Generator's Phone (904) 772-4551

5. Transporter 1 Company Name

6. US EPA ID Number

B. State Generator's ID

C. State Transporter's ID

D. State Facility's ID

E. State Transporter's ID

F. State Facility's ID

G. State Facility's ID

H. Facility Phone

I. Facility Phone

J. Facility Phone

K. Facility Phone

L. Facility Phone

M. Facility Phone

N. Facility Phone

O. Facility Phone

P. Facility Phone

205/652-9721

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT, INC.
Emelle Facility
Alabama Highway 17 at Mile Marker 163
Emelle, Alabama 35459

10. US EPA ID Number

ALD000622464

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

12. Containers

13. Total Quantity

14. Unit Wt/Vol

Waste No.

a. RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.C.S. 9, UN3077, III
(CONTAINS PCB) 50 PPM

Disposal Approval # 062305-0001

CWM Profile # B10417

21011 DT 45980 P

Disposal Approval #

CWM Profile #

Disposal Approval #

CWM Profile #

Disposal Approval #

CWM Profile #

Additional Descriptions for Materials Listed Above

NO DOT IF SERVICE DATE

Handling Codes for Wastes Listed Above

State of Generation

15. Special Handling Instructions and Additional Information

Purchase Order #

Work Order # 259377

EMERGENCY CONTACT: 1-800-424-9300 CHEMTREC FRG JI

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

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

Printed/Typed Name

SUSAN M WEBB

Signature

Susan M Webb

Month Day Year

11/10/71

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DIABENCE GRIFFIN

Signature

Diabence Griffin

Month Day Year

11/15/71

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER

CILITY



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved, OMB No. 2050-0039, Expires 8-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of 1

Information in the shaded areas not required by Federal law.

3. Generator's Name and Mailing Address
NAVAL STATION MAYPORT
PUBLIC WORKS CTR BOX 30 CODE 300
JACKSONVILLE, FL 32212

A. State Manifest Document Number
CWMA 801089

4. Generator's Phone (904) 772-4551

6. US EPA ID Number

B. State Generator's ID

5. Transporter 1 Company Name
ENVIRONMENTAL TRANSPORTATION SERVICE INC

8. US EPA ID Number

C. State Transporter's ID

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
Emelle Facility
Alabama Highway 17 at Mile Marker 163
Emelle, Alabama 35459

10. US EPA ID Number

D. State Transporter's ID

E. State Transporter's ID

F. State Facility's ID

G. Facility's Phone
205/652-9721

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

12. Containers
No. Type

13. Total Quantity

14. Unit
Wt/Vol

a. **R2, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.B. 9, UN3077, III (CONTAINS PCB) 50 PPM**
Disposal Approval # **06239-0001** CWM Profile # **BK417**

10/1 21 417/440 10

b. Disposal Approval # _____ CWM Profile # _____

c. Disposal Approval # _____ CWM Profile # _____

Disposal Approval # _____ CWM Profile # _____

J. Additional Descriptions for Materials Listed Above

OUT OF SERVICE BOTTLES

K. Handling Codes for Wastes Listed Above

State of Generation: **FL**

15. Special Handling Instructions and Additional Information

Purchase Order # _____

Work Order # **254377**

EMERGENCY CONTACT: **1-800-424-9300 CENTREX ERG 31**

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

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

Printed/Typed Name
Susan M. ...

Signature
[Signature] Month Day Y
11/1/91

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

Signature
[Signature] Month Day Y
11/1/91

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

Signature
[Signature] Month Day Y

19. Discrepancy Indication Space

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

Signature
[Signature] Month Day Y

GENERATOR

TRANSPORTER

CILITY



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved, OMB No. 2050-0039, Expires 9-2

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. F119117101021421610131511314 Manifest Document No. 1134

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

3. Generator's Name and Mailing Address
**NAVAL STATION MAYPORT
PUBLIC WORKS CTR BOX 30 CODE 300
JACKSONVILLE, FL 32212**

A. State Manifest Document Number
CWMA 801090
B. State Generator's ID

4. Generator's Phone (904) 772-4551

5. Transporter 1 Company Name
F. W. H. TRANSPORTATION SERVICES, INC.

6. US EPA ID Number
101K1219181161015131613

C. State Transporter's ID
D. State Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

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

9. Designated Facility Name and Site Address
**CHEMICAL WASTE MANAGEMENT, INC.
Emelle Facility
Alabama Highway 17 at Mile Marker 163
Emelle, Alabama 35459**

10. US EPA ID Number
ALD000622464

G. State Facility's ID
H. Facility's Phone
205/652-9721

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

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

a. **RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, N.O.S. 9, UN3077, III
(CONTAINS PCB) 50 PPM**
Disposal Approval # 052336-0001 CWM Profile # RD417

091 DT 45480 P

b. Disposal Approval # CWM Profile #

c. Disposal Approval # CWM Profile #

d. Disposal Approval # CWM Profile #

e. Disposal Approval # CWM Profile #

f. Disposal Approval # CWM Profile #

g. Disposal Approval # CWM Profile #

h. Disposal Approval # CWM Profile #

J. Additional Descriptions for Materials Listed Above
NO OUT OF SERVICE MATERIAL

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Purchase Order #

Work Order # 259377

EMERGENCY CONTACT: 1-800-424-9300 CHEMTREC. ERS 31

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

Printed/Typed Name
SUSAN M WEBB

Signature
Susan M Webb Month Day Year
11/14/79

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Jimmy Alred

Signature
Jimmy Alred Month Day Year
11/10/79

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

Signature
Month Day Year

19. Discrepancy Indication Space

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

Signature
Month Day Year

GENERATOR

TRANSPORTER

CILITY



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0029. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. F11917002426035335 Manifest Document No. 5335

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

3. Generator's Name and Mailing Address
**NAVAL STATION MAYPORT
PUBLIC WORKS CTR BOX 30 CODE 300
JACKSONVILLE, FL 32212**

A. State Manifest Document Number
CWMA 801091

4. Generator's Phone (904 1772-4551)

B. State Generator's ID

5. Transporter 1 Company Name

C. State Transporter's ID

7. Transporter 2 Company Name

D. State Transporter's ID

9. Designated Facility Name and Site Address
**CHEMICAL WASTE MANAGEMENT, INC.
Emelle Facility
Alabama Highway 17 at Mile Marker 163
Emelle, Alabama 35459**

E. State Facility's ID

F. Facility's Phone
205/652-9721

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

12. Containers No. Type

a. **RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN0077, III
(CONTAINS PCB) TO PFD**

13. Total Quantity

14. Unit Wt/Vol

15. Waste No.

Disposal Approval # 06238-0001 CWM Profile # BN417

b. Disposal Approval # _____ CWM Profile # _____

c. Disposal Approval # _____ CWM Profile # _____

16. Additional Descriptions for Materials Listed Above

17. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Purchase Order # _____

Work Order # 259377 EMERGENCY CONTACT: 1-800-424-9300 CHEMTRAC ERG 31

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

Printed/Typed Name Sueann M. ... Signature Sueann M. ... Month Day Year 1/18/79

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Ray James ... Signature Ray James ... Month Day Year 1/18/79

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

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name _____ Signature _____ Month Day Year _____



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved, OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. FL1511710124216103521312 Manifest Document No. 11

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
NAVAL STATION MAYPORT
PUBLIC WORKS CTR BOX 30 CODE 300
JACKSONVILLE, FL 32212

A. State Manifest Document Number
CWMA 801115

4. Generator's Phone (904) 772-4551

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

7. Transporter 2 Company Name

8. US EPA ID Number

D. State Transporter's ID

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
Emelle Facility
Alabama Highway 17 at Mile Marker 163
Emelle, Alabama 35459

10. US EPA ID Number

E. State Transporter's ID

F. State Transporter's ID

G. State Facility's ID

H. State Facility's ID

I. Facility's Phone
205/652-9721

ALD000622464

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

12. Containers

13. Total Quantity

14. Unit Wt/Vol

WASTE No.

a. **RC, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPM**

No.

Type

011/01731816810kP

WASTE No.

Disposal Approval # 062396-0001

CWM Profile # MR417

b.

Disposal Approval #

CWM Profile #

c.

Disposal Approval #

CWM Profile #

Disposal Approval #

CWM Profile #

13. Additional Descriptions for Materials Listed Above

BY TUB DE SERVICE MATERIAL

14. Handling Codes for Wastes Listed Above

State of Generation

15. Special Handling Instructions and Additional Information

Purchase Order #

Work Order # 259377

EMERGENCY CONTACT: 1-800-424-9300 CENTRAL ERG 31

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

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

Printed/Typed Name

Signature

Month Day Year

SUSAN M WEBB

Susan M Webb

11/10/95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

Charles Brown

Charles Brown

11/10/95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Signature

Month Day Year



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

FL1911710102142160133237

Manifest Document No. 33237

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

NAVAL STATION MAYPORT.
PUBLIC WORKS CTR BOX 30 CODE 300
JACKSONVILLE, FL 32212

A. State Manifest Document Number
CWMA 801114

4. Generator's Phone (904) 772-4531

5. Transporter 1 Company Name

6. US EPA ID Number

B. State Generator's ID

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

CHEMICAL WASTE MANAGEMENT, INC.
Emelle Facility
Alabama Highway 17 at Mile Marker 163
Emelle, Alabama 35459

10. US EPA ID Number

ALD000622464

G. State Facility's ID

H. Facility's Phone

205/652-9721

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

12. Containers

13. Total Quantity

14. Unit Wt/Vol

WASTE NO.

a. **RI, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, N.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPD**

Disposal Approval # 06235-001

CWM Profile # BIC417

09101739320KD

GENERATOR

b. Disposal Approval #

CWM Profile #

c. Disposal Approval #

CWM Profile #

Disposal Approval #

CWM Profile #

J. Additional Descriptions for Materials Listed Above

D. DOT ID SERVICE DATE

K. Handling Codes for Wastes Listed Above

State of Generator

15. Special Handling Instructions and Additional Information

Purchase Order #

Work Order # 259377

EMERGENCY CONTACT: 1-800-424-9300 CHEMTREC EPC 31

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

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

Printed/Typed Name

SUSAN M WEBB

Signature

Susan M Webb

Month Day Year

11/07/15

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Signature

Month Day Year



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 19170024261035219		Manifest Document No. 99219		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		4. Generator's Phone (904) 772-4551		6. US EPA ID Number		A. State Manifest Document Number CWMA 801112		B. State Generator's ID	
5. Transporter 1 Company Name ENVIRONMENTAL TRANSPORTATION SERVICES, INC.		7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		E. State Transporter's ID		F. Transporter's Phone		G. State Facility's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		14. Unit		Waste No.	
a. RG, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, (UN3077, III (CONTAINS PCB) 50 PPM)		No.		Type		Quantity		Wt/Vol	
Disposal Approval # 062396-0001 CWM Profile # HIC417		001		DT46180P		ESP		1	
b.									
Disposal Approval #		CWM Profile #							
c.									
Disposal Approval #		CWM Profile #							
Additional Descriptions for Materials Listed Above		Handling Codes for Wastes Listed Above							
State of Generation									
15. Special Handling Instructions and Additional Information									
Purchase Order # <u>500</u>									
Work Order # <u>259377</u> EMERGENCY CONTACT: 1-800-424-9300 CHEMREC ERG 31									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.									
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name SUSAN M. WEBS				Signature <i>Susan M. Webs</i>				Month Day Year 11/10/79	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name SIRPEATS Hall				Signature <i>Sirpeats Hall</i>				Month Day Year 11/10/79	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature				Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name				Signature				Month Day Year	



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 191700024260531417		Manifest Document No. 17	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		6. US EPA ID Number		A. State Manifest Document Number GWMA 801410		B. State/Generator's ID	
4. Generator's Phone (904) 772-4551		5. Transporter 1 Company Name ENVIRONMENTAL TRANSPORTATION SERVICE, INC		C. State Transporter's ID		D. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number AL 0000622464		G. State Facility's ID		H. Facility's Phone 205/652-9721	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, N.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPD				No.			
Disposal Approval # <u>062796-0001</u> CWM Profile # <u>B2417</u>							<u>0101 DT 44840 P</u>
b.							
Disposal Approval # _____ CWM Profile # _____							
c.							
Disposal Approval # _____ CWM Profile # _____							
J. Additional Descriptions for Materials Listed Above AS PART OF SERVICE WASTE				K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # <u>259378</u> EMERGENCY CONTACT: <u>1-800-424-9300 CHEMTREC ERG 31</u>							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name <u>SUSAN M WEBB</u>				Signature <i>Susan M Webb</i>		Month Day Year <u>11/10/85</u>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <u>Glen Abernombie</u>				Signature <i>Glen Abernombie</i>		Month Day Year <u>11/10/85</u>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name							
Signature				Month Day Year			



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

Form Approved, OMB No. 2050-0039, Expires 9-30-91

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 170101486035242	Manifest Document No. 170101486035242	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		6. US EPA ID Number		A. State Manifest Document Number CWMA 801109		
4. Generator's Phone (904) 772-4551		5. Transporter 1 Company Name EMELLE WASTE MANAGEMENT, INC.		B. State Generator's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		D. Transporter's Phone 205/652-9721		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	Waste No.	
a. RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, N.O.S., 9, UN3077, III (CONTAINS PCB) 50 PPD						
Disposal Approval # 06276-0001 CWM Profile # HM417		2	430	210		
b.						
Disposal Approval # CWM Profile #						
c.						
Disposal Approval # CWM Profile #						
Disposal Approval # CWM Profile #						
15. Special Handling Instructions and Additional Information Purchase Order # Work Order # 35427X EMERGENCY CONTACT: 1-800-424-9300 CHEMTEC EXO 31		K. Handling Codes for Wastes Listed Above				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		State of Generation				
Printed/Typed Name Susan M. ...		Signature Susan M. ...		Month Day Year 11/11/91		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Mark ...		Signature Mark ...		Month Day Year 11/11/91		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year						



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

Print or type. (Form designed for use on a like (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL191171012421610352193		Manifest Document No. 352193		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		4. Generator's Phone (904) 772-4551		5. Transporter 1 Company Name ENVIRONMENTAL TRANSPORTATION SERVICES INC JACKSONVILLE FL 32212		6. US EPA ID Number		A. State Manifest Document Number CWMA 801188	
7. Transporter 2 Company Name		8. US EPA ID Number		9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17, at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		B. State Generator's ID C. State Transporter's ID D. Transporter's Phone E. State Transporter's ID F. Transporter's Phone G. State Facility's ID H. Facility's Phone 205/652-9721	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		14. Unit Wt/Vol		Waste No.	
a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, N.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPM Disposal Approval # 66235-0001 CWM Profile # N0417		No. Type		Quantity		Wt/Vol		1	
b.									
c.									
Disposal Approval #		CWM Profile #							
J. Additional Descriptions for Materials Listed Above OUT OF SERVICE DATE		K. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information Purchase Order # Work Order # 257378 EMERGENCY CONTACT: 1-800-424-9300 CHEMTREC ERG 31									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name SUSAN M WOOD		Signature <i>Susan M Wood</i>		Month Day Year 11/10/81/15					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Bobby HAGA		Signature <i>Bobby HAGA</i>		Month Day Year 11/10/81/15					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year					
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year									



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. E119117100214261033249	Manifest Document No. 315249	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		6. US EPA ID Number		A. State Manifest Document Number CWMA 801106		
4. Generator's Phone (904) 772-4551		6. US EPA ID Number		B. State Generator's ID		
5. Transporter 1 Company Name FEDERAL EXPRESS SERVICE MK10K1D71811610151613		6. US EPA ID Number		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone		
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 205/652-9721		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	Waste No.	
a. RG, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPM		No.	Type			
Disposal Approval # 062396-0001 CWM Profile # 810417		0101	DRUM	3420	K P	
b.						
Disposal Approval # CWM Profile #						
c.						
Disposal Approval # CWM Profile #						
d.						
Disposal Approval # CWM Profile #						
17. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above				
State of Generation						
15. Special Handling Instructions and Additional Information						
Purchase Order #						
Work Order # 259378 EMERGENCY CONTACT: 1-800-424-9300 CHEMREC ERG 31						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.						
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name SUSAN M WILCOX		Signature <i>Susan M Wilcox</i>		Month Day Year 11/10/98		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Joe Miller</i>		Month Day Year 11/9/98		
Printed/Typed Name JOE MILLER		Signature		Month Day Year		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year		
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

Form Approved, OMB No. 2050-0039, Expires 9-30-91

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. E11R11701024P101913143		Manifest Document No. 913143	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		6. US EPA ID Number		A. State Manifest Document Number CWMA 801107		B. State Generator's ID	
4. Generator's Phone (904) 772-4571		7. Transporter 1 Company Name FERRIS INDUSTRIES TRANSPORTATION SERVICES, INC.		C. State Transporter's ID		D. Transporter's Phone	
5. Transporter 1 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		G. State Facility's ID		H. Facility's Phone 205/652-9721	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. 90, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN3077, III CONTAINS PCB > 50 PPM				No.	Type		
Disposal Approval # 662796-0001 CWM Profile # EN417				0101	DI	44	1010 (K)
b.							
Disposal Approval # CWM Profile #							
c.							
Disposal Approval # CWM Profile #							
d.							
Disposal Approval # CWM Profile #							
13. Additional Descriptions for Materials Listed Above OUT OF SERVICE UNIT				14. Handling Codes for Wastes Listed Above			
State of Generation: AL							
15. Special Handling Instructions and Additional Information Purchase Order # Work Order # 259378 EMERGENCY CONTACT: 1-800-424-9300 CHEMREC ENG 31							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name SUSAN M WOOD				Signature <i>Susan M Wood</i>		Month Day Year 11/10/91	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Ricky McCarthy				Signature <i>Ricky McCarthy</i>		Month Day Year 11/10/91	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name							
Signature				Month Day Year			

GENERATOR

TRANSPORTER

FACILITY



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved, OMB No. 2050-0029, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. E1119117101024261015121717	Manifest Document No. 7	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		4. Generator's Phone (904) 772-4551		A. State Manifest Document Number CWMA 801104		B. State Generator's ID
5. Transporter 1 Company Name		6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		G. State Facility's ID		H. Facility's Phone 205/652-9721
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RR, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPM			No.	Type		
Disposal Approval # <u>66239-001</u> CWM Profile # <u>80417</u>			0101	DT	37.080	P
b.						
Disposal Approval # _____ CWM Profile # _____						
c.						
Disposal Approval # _____ CWM Profile # _____						
d.						
Disposal Approval # _____ CWM Profile # _____						
J. Additional Descriptions for Materials Listed Above NO OUT OF SERVICE MATERIAL			K. Handling Codes for Wastes Listed Above			
State of Generation: AL						
15. Special Handling Instructions and Additional Information						
Purchase Order # _____						
Work Order # <u>260744</u> EMERGENCY CONTACT: <u>1-800-424-9300 CHEMTREC FRG 31</u>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.						
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name SUSAN M WEBB			Signature <i>Susan M Webb</i>		Month Day Year 11/10/91	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name EDWARD J. JURY			Signature <i>Edward J. Jury</i>		Month Day Year 11/10/91	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Month Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name			Signature		Month Day Year	



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. F119117101021421510315121718	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		A. State Manifest Document Number CWMA 801103		B. State Generator's ID		
4. Generator's Phone (904 1772-4551	6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
5. Transporter 1 Company Name EMERGENCY TRANSPORTATION SERVICE, INC. 116105121413	8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
7. Transporter 2 Company Name	10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone 205/652-9721	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.G.S. 9, UN3077, III (CONTAINS PCB) 50 PPD		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
Disposal Approval # 05235-0001 CWM Profile # HW417		0101 DT 47/100 P				
b.						
Disposal Approval # _____ CWM Profile # _____						
c.						
Disposal Approval # _____ CWM Profile # _____						
d.						
Disposal Approval # _____ CWM Profile # _____						
J. Additional Descriptions for Materials Listed Above 01 - DOT OF SERVICE MATERIAL		K. Handling Codes for Wastes Listed Above				
State of Generation: FL						
15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # 247796 EMERGENCY CONTACT: 1-800-424-9300 CHEMTREC ERG 31						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name SUSAN M WEBB		Signature <i>Susan M Webb</i>		Month Day Year 11/14/15		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name CLARENCE GAILLIN		Signature <i>Clarence Gillin</i>		Month Day Year		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name						
Signature		Month Day Year				



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0029. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. E11911710121412161015131316		Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		6. US EPA ID Number		A. State Manifest Document Number CWMA 801092		B. State Generator's ID	
4. Generator's Phone (904) 772-4551		6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
5. Transporter 1 Company Name KARRA PHARMACY TERMINAL SERVICES, INC		8. US EPA ID Number		E. State Transporter's ID		E. Transporter's Phone	
7. Transporter 2 Company Name		10. US EPA ID Number		G. State Facility's ID		H. Facility's Phone	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number A1410101622464		G. State Facility's ID		H. Facility's Phone 205/652-9721	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.C.S. 9, UN3077, III (CONTAINS PCB) 50 PPM				No.	Type		
Disposal Approval # 06236-0001 CWM Profile # B2417				0101	CM3H200	P	
b.							
Disposal Approval # CWM Profile #							
c.							
Disposal Approval # CWM Profile #							
d.							
Disposal Approval # CWM Profile #							
J. Additional Descriptions for Materials Listed Above OUT OF SERVICE DATE				K. Handling Codes for Wastes Listed Above			
State of Generation: FL							
15. Special Handling Instructions and Additional Information							
Purchase Order #							
Work Order # 2601796 EMERGENCY CONTACT: 1-800-424-9300 CHEMTREC ERG 31							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.							
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name SUSAN M WOODS				Signature <i>Susan M Woods</i>		Month Day Year 11/10/95	
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name TERRY W. VITO		Signature <i>Terry W. Vito</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature	
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name				Signature		Month Day Year	



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expires 9-3

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL1917101214161013151317	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32212		A. State Manifest Document Number CWMA 881094		B. State Generator's ID		
4. Generator's Phone (904) 772-4551	6. US EPA ID Number		C. State Transporter ID			
5. Transporter 1 Company Name ENVIRONMENTAL TRANSPORTATION SERVICES BY KICKID	8. US EPA ID Number 91816115131613		D. Transporter's Phone			
7. Transporter 2 Company Name	10. US EPA ID Number		E. State Transporter ID			
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		F. State Facility ID 205/652-9721		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		14. Unit
a. RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, N.O.S. 9, UN3077, III (CONTAINS PCB) 50 PPD		No. Type		Quantity		Wt/Vol
Disposal Approval # <u>02236-001</u> CWM Profile # <u>EN117</u>		01011 214		321/60		P
b. Disposal Approval # _____ CWM Profile # _____						
c. Disposal Approval # _____ CWM Profile # _____						
d. Disposal Approval # _____ CWM Profile # _____						
Additional Descriptions for Materials Listed Above		G. Handling Codes for Wastes Listed Above				
State of Generation						
15. Special Handling Instructions and Additional Information						
Purchase Order # _____						
Work Order # <u>210770</u> EMERGENCY CONTACT: <u>1-800-424-9200 CHEMREC 626 31</u>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.						
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <u>Mrs. M. W. Bell</u>		Signature <i>Mrs. M. W. Bell</i>		Month Day Y. <u>11/19/88</u>		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>John Kousgos</i>		Month Day Y. <u>11/19/88</u>		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Y.		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Y.		

GENERATOR

TRANSPORTER

FACILITY



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

35262

Form Approved, OMB No. 2050-0029, E

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <u>11191171010214216101351217</u>		Manifest Document No. <u>35262</u>		2. Page 1 of 1		Information in the shaded areas not required by Federal law.	
3. Generator's Name and Mailing Address <u>US NAVY NS MAYPORT BLDG 24 PWC Box 30 Code 300 MAYPORT, FL JACKSONVILLE, FL</u>		4. Generator's Phone (<u>904 1270-6730</u>)		6. US EPA ID Number		A. State Manifest Document Number CWMA 778775		B. State Generator's ID	
5. Transporter 1 Company Name <u>ENVIRONMENTAL TRANSPORTATION SERVICE</u>		7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone <u>(800) 477-5171</u>	
9. Designated Facility Name and Site Address <u>CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459</u>		10. US EPA ID Number <u>ALD000622464</u>		E. State Transporter's ID		F. Transporter's Phone		G. State Facility's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		14. Unit		15. Was	
a. <u>RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, UN3077, III, (CONTAINS POLYCHLORINATED BIPHENYLS)50 PPM</u>		No. <u>001</u> Type <u>CM</u>		Quantity <u>33160*</u>		Unit <u>P</u>		Was <u>PCB</u>	
Disposal Approval # <u>062396-0001</u> CWM Profile # <u>BU0417</u>									
b.									
Disposal Approval # _____ CWM Profile # _____									
c.									
Disposal Approval # _____ CWM Profile # _____									
d.									
Disposal Approval # _____ CWM Profile # _____									
J. Additional Descriptions for Materials Listed Above		A) <u>OUT OF SERVICE DATE: 11-14-95</u>		K. Handling Codes for Wastes Listed Above					
State of Generation <u>FL</u>									
15. Special Handling Instructions and Additional Information <u>C26008-D</u>									
Purchase Order # _____									
Work Order # _____ EMERGENCY CONTACT: <u>CHEMTREC 1-800-424-9300</u> <u>ERG 31</u>									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <u>SUSAN M WEBB</u>					Signature <u>Susan M Webb</u>			Month Da <u>11/11</u>	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name <u>MICHAEL COTTRELL</u>					Signature <u>M. Cottrell</u>			Month Da <u>11/11</u>	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name					Signature			Month Da	
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name					Signature			Month Da	



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

35261

Form Approved. OMB No. 2050-0039. E-2

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <u>FIL91171010121412161013121416</u>		Manifest Document No. <u>35261</u>		2. Page 1 of 1		Information in the shaded area not required by Federal law	
3. Generator's Name and Mailing Address <u>US NAVY NS MAYPORT BLDG 24 PWC BOX 30 Code 300 MAYPORT, FL JACKSONVILLE, FL 32212</u>		4. Generator's Phone (<u>904 1270-6730</u>)		5. Transporter 1 Company Name <u>ENVIRONMENTAL TRANSPORTATION SERVICE</u>		6. US EPA ID Number <u>01KID1918116105131613</u>		A. State Manifest Document Number CWMA 778770	
9. Designated Facility Name and Site Address <u>CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459</u>		10. US EPA ID Number <u>ALD000622464</u>		7. Transporter 2 Company Name		8. US EPA ID Number		B. State Generator's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) <u>a. RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, UN3077, III, (CONTAINS POLYCHLORINATED BIPHENYLS >50 PPM)</u>		12. Containers No. <u>001</u> Type <u>CM</u>		13. Total Quantity <u>34240P</u>		14. Unit Wt/Vol		15. Waste <u>PCB</u>	
Disposal Approval # <u>062396-0001</u> CWM Profile # <u>R10417</u>		b.		Disposal Approval # _____ CWM Profile # _____		c.		Disposal Approval # _____ CWM Profile # _____	
J. Additional Descriptions for Materials Listed Above <u>A) OUT OF SERVICE DATE: 11-14-85</u>		K. Handling Codes for Wastes Listed Above		a.		c.		b.	
State of Generation <u>FL</u>		15. Special Handling Instructions and Additional Information <u>C25215-D</u>		Purchase Order # _____		Work Order # _____		EMERGENCY CONTACT: <u>CHEMTREC 1-800-424-9300</u> <u>ERG 31</u>	
16. GENERATOR'S CERTIFICATION. I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.									
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and selected the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <u>SUSAN M. WEBB</u>		Signature <u>Susan M Webb</u>		Month Day Year <u>11/1/95</u>		17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <u>MICHAEL COTRELL</u>	
Signature <u>Michael Cotrell</u>		Month Day Year <u>11/1/95</u>		18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
Month Day Year		19. Discrepancy Indication Space		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19		Printed/Typed Name		Signature	
Month Day Year								Month Day Year	



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

35260

Form Approved. OMB No. 2050-0039. Exp.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. F119117101012142161019512143		Manifest Document No. 35260		2. Page 1 of 1		Information in the shaded areas not required by Federal law	
3. Generator's Name and Mailing Address US NAVY NS MAYPORT BLDG 24 PWC CODE 300 Box 30 MAYPORT, FL JACKSONVILLE, FL		4. Generator's Phone (904) 270-6730		5. Transporter 1 Company Name ENVIRONMENTAL TRANSPORTATION SERVICE		6. US EPA ID Number 01K1D19A11E105131613		A. State Manifest Document Number CWMA 778771	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number A1D000622464		12. Containers No. Type 0 0 1 0 1 CM		13. Total Quantity 261160		14. Unit Wt/Vol K P	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RG, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.D.S., 9, UN3077, III, (CONTAINS POLYCHLORINATED BIPHENYLS 150 PPM)		Disposal Approval # 052396-0001		CWM Profile # BU0417				1. Waste PCB	
15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # _____ EMERGENCY CONTACT: CHEMTREC 1-800-424-9300 ERG 31		C25137-D		K. Handling Codes for Wastes Listed Above a. _____ b. _____ c. _____ d. _____					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and to use the best waste management method that is available to me and that I can afford.		Printed/Typed Name SUSAN M WEBB		Signature Susan M. Webb		Month 11		Day 11	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name MICHAEL COTREL		Signature Michael Cotrel		Month 11		Day 11	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature		Month		Day	
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name		Signature		Month		Day	

GENERATOR

TRANSPORTER

FACILITY



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

35259

Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 11911710121421610135259		Manifest Document No. 35259		2. Page 1 of 1		Information in the shaded area not required by Federal law	
3. Generator's Name and Mailing Address US NAVY JS MAYPORT BLDG 24 PWC Box 30 Code 300 MAYPORT, FL JACKSONVILLE FL		4. Generator's Phone (904) 270-6730		5. Transporter 1 Company Name ENVIRONMENTAL TRANSPORTATION SERVICE		6. US EPA ID Number		A. State Manifest Document Number CWMA 778769	
7. Transporter 2 Company Name		8. US EPA ID Number		9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		B. State Generator's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, UN3077, III, (CONTAINS POLYCHLORINATED BIPHENYLS >50 PPM)		12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste	
Disposal Approval # 062396-0001 CWM Profile # BU0417		0 0 11 CM		321/60		P		PCB	
b. Disposal Approval # _____ CWM Profile # _____									
c. Disposal Approval # _____ CWM Profile # _____									
d. Disposal Approval # _____ CWM Profile # _____									
J. Additional Descriptions for Materials Listed Above A) OUT OF SERVICE DATE: 11-15-95		K. Handling Codes for Wastes Listed Above		a. _____		c. _____			
State of Generation <input checked="" type="checkbox"/>		b. _____		d. _____					
15. Special Handling Instructions and Additional Information Purchase Order # _____		C25212-D		Work Order # _____		EMERGENCY CONTACT: CHEMTREC 1-800-424-9300		ERG 31	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations									
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford									
Printed/Typed Name SUSAN M WEBB		Signature Susan M Webb		Month Day 11/1/95					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name MICHAEL COSTRELL		Signature Michael Costrell		Month Day 11/1/95					
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day					
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19									
Printed/Typed Name		Signature		Month Day					



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved, OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 1917101214216109131417		Manifest Document No. 91-31417		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address NAVAL STATION MAYPORT PUBLIC WORKS CTR BOX 30 CODE 300 JACKSONVILLE, FL 32218		A. State Manifest Document Number CWMA 801411		B. State Generator's ID		C. State Transporter's ID		D. Transporter's Phone	
4. Generator's Phone (904) 772-4551		6. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone		G. State Facility's ID	
5. Transporter 1 Company Name ENVIRONMENTAL TECHNOLOGICAL SERVICES, INC. (KID) 912/161-1161		8. US EPA ID Number		H. Facility's Phone 205/652-9721		I. Facility's Name		J. Facility's Address	
7. Transporter 2 Company Name		10. US EPA ID Number		K. Handling Codes for Wastes Listed Above		L. State of Origin		M. State of Destination	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE SOLID, H.Q.S. 3, UN3077, III (CONTAINS PCB) 50 PPHU Disposal Approval # <u>052396-001</u> CWM Profile # <u>EM417</u>		12. Containers No. Type 01011 CMB 400 RP		13. Total Quantity 36000		14. Unit Wt/Vol	
15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # <u>259378</u> EMERGENCY CONTACT: <u>1-800-424-9300 CHEMTRAC ERG 31</u>		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		Printed/Typed Name <u>SUSAN M. WILSON</u>		Signature <i>Susan M. Wilson</i>		Month Day Year <u>11/10/91</u>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <u>TERESA KOTZAS</u>		Signature <i>Teresa Kotzas</i>		Month Day Year <u>11/10/91</u>		18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature	
19. Discrepancy Indication Space		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name		Signature		Month Day Year			



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. E

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. F119117101021421610352173		Manifest Document No. 2173		2. Page 1 of 1		Information in the shaded area not required by Federal.	
3. Generator's Name and Mailing Address US NAVY US MAYPORT BLDG 24 PWC Box 30 Code 300 MAYPORT, FL JACKSONVILLE, FL 32212		4. Generator's Phone (904) 270-6730		5. Transporter 1 Company Name ENVIRONMENTAL TRANSPORTATION SERVICE		6. US EPA ID Number 01K1D91A116105131613		A. State Manifest Document Number CWMA 778775	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number ALD000622464		7. Transporter 2 Company Name		8. US EPA ID Number		B. State Generator's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, UN3077, III, (CONTAINS POLYCHLORINATED BIPHENYLS)50 PPM		12. Containers No. Type CM 07536 DOT 95-Surk		13. Total Quantity		14. Unit Wt/Vol		15. Was PCB	
Disposal Approval # 062396-0001 CWM Profile # BU0417		b.		Disposal Approval #		CWM Profile #			
c.		Disposal Approval #		CWM Profile #					
d.		Disposal Approval #		CWM Profile #					
J. Additional Descriptions for Materials Listed Above A) OUT OF SERVICE DATE: 11-17-95		K. Handling Codes for Wastes Listed Above		a.		c.			
State of Generation FL		b.		d.					
15. Special Handling Instructions and Additional Information Purchase Order # Work Order #		EMERGENCY CONTACT: CHEMTEC 1-800-424-9300		FRG 31					
16. GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and the best waste management method that is available to me and that I can afford.		Printed/Typed Name SUSAN M WEBB		Signature Susan M Webb		Month 11/11			
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name John Kongas		Signature John Kongas		Month 11/11			
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature		Month			
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19		Printed/Typed Name		Signature		Month			



HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

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

Form Approved. OMB No. 2050-0039. Expire

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. FL 91171010124261035272		Manifest Document No. 35272		2. Page 1 of 1		Information in the shaded area not required by Federal law	
3. Generator's Name and Mailing Address US NAVY NS MAYPORT BLDG 24 PWC BOK 30 Code 300 MAYPORT, FL		4. Generator's Phone (904) 270-6730		JACKSONVILLE, FL 32212		A. State Manifest Document Number CWMA 778774		B. State Generator's ID	
5. Transporter 1 Company Name ENVIRONMENTAL TRANSPORTATION SERVICE		6. US EPA ID Number 01K1D19181610531613		7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID	
9. Designated Facility Name and Site Address CHEMICAL WASTE MANAGEMENT, INC. Emelle Facility Alabama Highway 17 at Mile Marker 163 Emelle, Alabama 35459		10. US EPA ID Number AL0000622464		11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, UN3077, III, (CONTAINS POLYCHLORINATED BIPHENYLS 150 PPM) Disposal Approval # 062396-0001 CWM Profile # BU0417		12. Containers No. Type 001 DF 12018K		13. Total Quantity 12018K	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) a. RD, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 9, UN3077, III, (CONTAINS POLYCHLORINATED BIPHENYLS 150 PPM) Disposal Approval # 062396-0001 CWM Profile # BU0417		12. Containers No. Type 001 DF 12018K		13. Total Quantity 12018K		14. Unit Wt/Vol		15. Waste No. PCB	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) b. Disposal Approval # _____ CWM Profile # _____		12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) c. Disposal Approval # _____ CWM Profile # _____		12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) d. Disposal Approval # _____ CWM Profile # _____		12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
J. Additional Descriptions for Materials Listed Above A) OUT OF SERVICE DATE: 11-17-95		K. Handling Codes for Wastes Listed Above a. _____ c. _____ b. _____ d. _____		State of Generation FL		15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # _____ EMERGENCY CONTACT: CHEMTREC 1-800-424-9300 ERG 31			
15. Special Handling Instructions and Additional Information Purchase Order # _____ Work Order # _____ EMERGENCY CONTACT: CHEMTREC 1-800-424-9300 ERG 31		16. GENERATOR'S CERTIFICATION I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		Printed/Typed Name SUSAN M WEBB		Signature Susan M Webb		Month Day 11/17	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name John Kongs		Signature John Kongs		Month Day 11/17		18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day		19. Discrepancy Indication Space			
19. Discrepancy Indication Space		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 Printed/Typed Name		Signature		Month Day			

APPENDIX D

ENSY5 PCB RIS[®] SOIL SYSTEM USER'S GUIDE



ENYS INC.
ENVIRONMENTAL PRODUCTS

PCB RISC[®] SOIL TEST SYSTEM

RAPID IMMUNOASSAY SCREEN

User's Guide

IMPORTANT NOTICE

This method correctly identifies 95% of samples that are PCB-free and those containing 1 ppm or greater of PCBs. A sample that develops less color than the standard is interpreted as positive. It contains PCBs. A sample that develops more color than the standard is interpreted as negative. It contains less than 1 ppm PCBs.

This test system should be used only under the supervision of a technically qualified individual who is capable of understanding any potential health and environmental risks of this product as identified in the product literature. The components must only be used for the analysis of soil samples for the presence of polychlorinated biphenyls. After use, the kits must be disposed of in accordance with applicable federal and local regulations.

WORKSTATION SET-UP

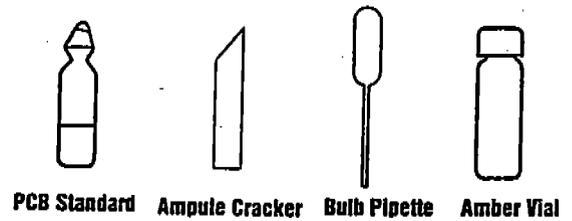
READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH THE TEST

READ BEFORE PROCEEDING

- Follow diagram below to setup workstation.
- Items that you will need that are not provided in the test kit include: a permanent marking pen, laboratory tissue (or paper towels), a liquid waste container, disposable gloves.
- Do not expose reagents to direct sunlight.
- Do not attempt to run more than 12 tubes, two of which must be Standard tubes.
- Operate test at temperatures greater than 4°C / 40°F and less than 32°C / 90°F.
- See table on page 10 for sensitivity to various aroclors.

TEST PREPARATION

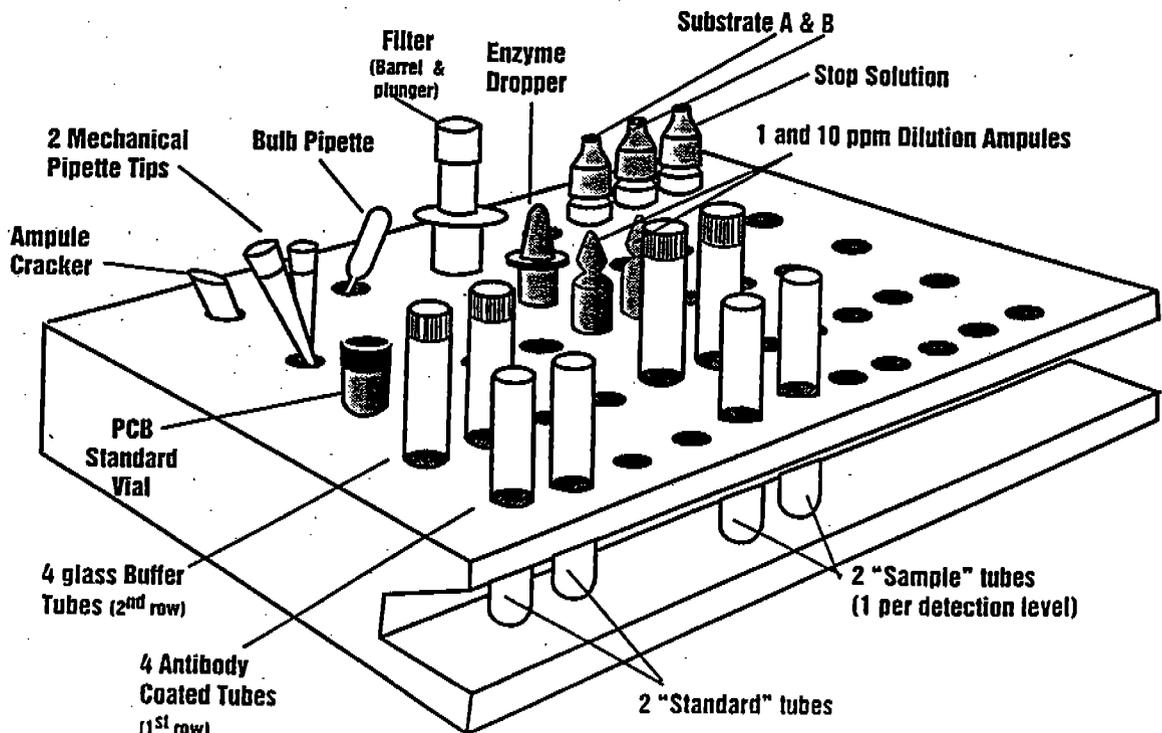
- Label amber vial "PCB Standard", and the current date, Standard is usable for up to 2 weeks from this date. Open PCB Standard ampule by slipping ampule cracker over top, and then breaking tip at scored neck. Transfer to empty amber vial with bulb pipette. Always cap tightly when finished using Standard.



WORKSTATION SET-UP

(Workstation shows components for 1 sample tested at 2 levels)

- | | | | |
|--|--|---|--|
| <input type="checkbox"/> Mechanical pipette tips | <input type="checkbox"/> Substrate A | <input type="checkbox"/> Substrate B | <input type="checkbox"/> Stop solution |
| <input type="checkbox"/> Enzyme dropper | <input type="checkbox"/> Filtration barrel & plunger | <input type="checkbox"/> Bulb pipette | <input type="checkbox"/> Ampule cracker |
| <input type="checkbox"/> PCB standard vial | <input type="checkbox"/> 1 and 10 ppm dilution ampules | <input type="checkbox"/> 4 glass buffer tubes | <input type="checkbox"/> 4 antibody coated tubes |



READ TO AVOID COSTLY MISTAKES

READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH THE TEST

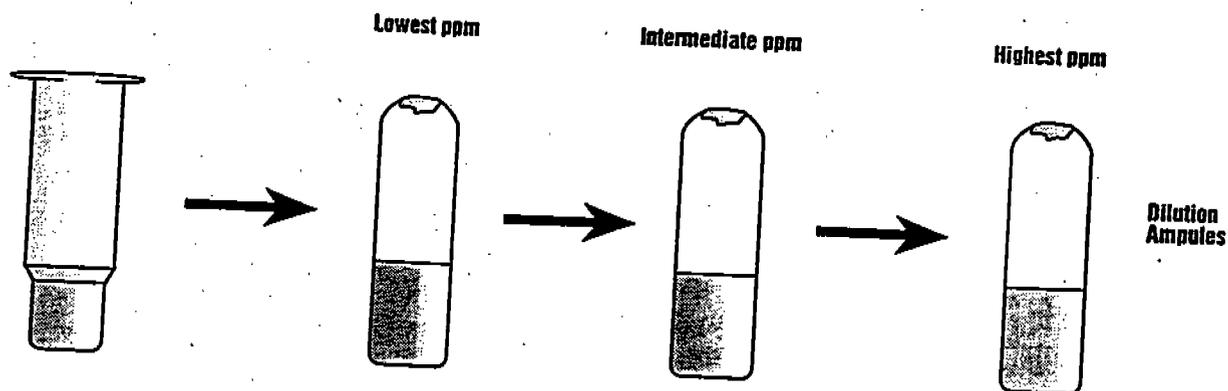
SAMPLE DILUTION PROGRAM

1. The sample dilution procedure on the next page is for standard detection levels. The following diagram represents the sample dilution procedure for all other detection levels.
2. Your kit may include extra dilution ampules to reach high detection levels.
3. **EVERY AMPULE PROVIDED MUST BE USED!**

If there are any questions concerning the dilution procedure please call Technical Services before running the samples to help avoid costly mistakes.

1-800-242-7472 or 919-941-5509 (option "4").

EXAMPLE:



NOTE: Your Kit may include additional ampules in order to achieve your test levels. Always transfer filtered sample to the dilution ampule labeled with the lowest PPM level and then transfer from this ampule to the next higher level dilution tube.

PHASE 3

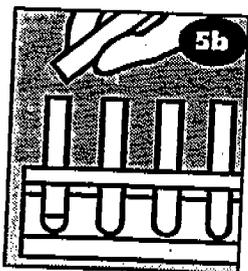
THE IMMUNOASSAY

READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH THE TEST

READ BEFORE PROCEEDING

- This phase of the procedure requires critical timing and care in handling the antibody coated tubes.

INCUBATION 1

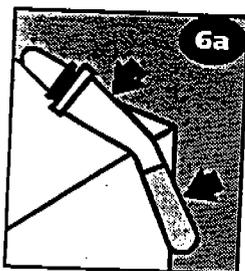


- 5a Set timer for exactly 10 minutes.
- 5b Start timing and immediately pour solution from each glass buffer tube into appropriate antibody coated tube. Tap glass tube on antibody coated tube to remove solution.
- 5c Shake all tubes for 5 seconds.



Antibody coated tubes
(contained in resealable "zip-seal" aluminumized pouch)

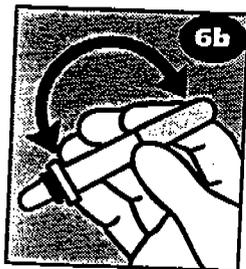
PREPARE ENZYME DROPPER



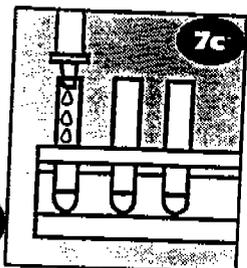
- 6a Crush glass ampule contained within enzyme dropper by pressing tube against hard edge.
- 6b Mix enzyme by turning dropper end-over-end 5 times. Do not shake.
- 6c Remove seal from enzyme dropper. Repeat steps 6a - 6c to prepare one enzyme dropper for every 5 antibody coated tubes.



Enzyme dropper



INCUBATION II



- 7a Dispense first drop from enzyme dropper into liquid waste container.
- Note: before dispensing drops, tap capped tip on hard surface to avoid dispensing air bubbles.
- 7b After the 10 minute incubation, set timer for 5 minutes.
- 7c Immediately dispense 3 drops of enzyme into each antibody coated tube by squeezing the dropper.
- 7d Shake antibody coated tubes for 5 seconds.

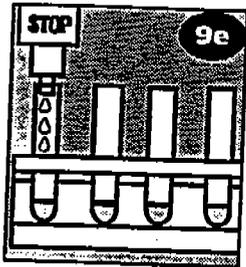
PHASE 3

THE IMMUNOASSAY

READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH THE TEST

COLOR DEVELOPMENT

- 9a Add 5 drops of Substrate A (yellow cap) to each antibody coated tube.
- 9b Set timer for exactly 2 ½ minutes.
- 9c Start timer and immediately add 5 drops of Substrate B (green cap) to each antibody coated tube.
- 9d Shake all tubes for 5 seconds. Solution will turn blue in some or all antibody coated tubes.
- 9e Stop reaction at end of 2 ½ minutes by adding 5 drops of Stop Solution (red cap).
Note: Blue solution will turn yellow when Stop Solution is added.



Substrate bottles (A, B, & Stop Solution)

QUALITY CONTROL

READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH THE TEST

System Description

Each PCB RISC Soil Test System contains enough material to perform four complete tests, each at two detection levels, if desired.

The PCB RISC Soil Test is divided into three phases. The instructions and notes should be reviewed before proceeding with each phase.

Hotline Assistance

If you need assistance or are missing necessary Test System materials, call toll free: 1-800-242-RISC (7472).

Validation and Warranty Information

Product claims are based on validation studies carried out under controlled conditions. Data has been collected in accordance with valid statistical methods and the product has undergone quality control tests of each manufactured lot.

PCB-free soil and soil containing 1 ppm or greater of PCBs were tested with the EnSys PCB RISC analytical method. The method correctly identified 95% of these samples. A sample that has developed less color than the standard is interpreted as positive. It contains PCBs. A sample that has developed more color than the standard is interpreted as negative. It contains less than 1 ppm PCBs.

The company does not guarantee that the results with the PCB RISC Soil Test System will always agree with instrument-based analytical laboratory methods. All analytical methods, both field and laboratory, need to be subject to the appropriate quality control procedures.

EnSys, Inc. warrants that this product conforms to the descriptions contained herein. No other warranties, whether expressed or implied, including warranties of merchantability and of fitness for a particular purpose shall apply to this product.

EnSys, Inc. neither assumes nor authorizes any representative or other person to assume for it any obligation or liability other than such as is expressly set forth herein.

Under no circumstances shall EnSys, Inc. be liable for incidental or consequential damages resulting from the use or handling of this product.

How It Works

Standards, Samples, and color-change reagents are added to test tubes, coated with a chemical specific to PCBs. The concentration of PCBs in an unknown Sample is determined by comparing its color intensity with that of a Standard.

Note: PCB concentration is inversely proportional to color intensity; the lighter the color development of the sample, the higher the concentration of PCBs.

Quality Control

Standard precautions for maintaining quality control:

- Do not use reagents or test tubes from one Test System with reagents or test tubes from another Test System.
- Do not use the Test System after any portion has passed its expiration date.
- Do not attempt the test using more than 12 antibody coated tubes (two of which are Standards) at the same time.
- Do not exceed incubation periods prescribed by the specific steps.
- Always dispense correct number of drops and wash the number of times indicated in this guide.
- Use EPA Method 8080 or Code of Federal Regulations Title 40, Part 136, Appendix A, Method 680 to confirm results.

Storage and Handling Precautions

- Wear protective gloves and eyewear.
- Store kit at room temperature and out of direct sunlight (less than 80°F).
- Keep aluminized pouch (containing unused antibody coated tubes) sealed when not in use.
- If Stop Solution or liquid from the extraction jar comes into contact with eyes, wash thoroughly with cold water and seek immediate medical attention.
- Standard Solution contains PCBs. Test samples may contain PCBs. Handle with care.
- Operating Temperatures - 40 - 90°F
(4) - (32)°C

APPENDIX E

CONFIRMATORY ANALYTICAL DATA

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP0606901

Lab Name: AQUATEC, INC. Contract: 95211
 Lab Code: AQUAI Case No.: MPSWMU2 SAS No.: SDG No.: 55068
 Matrix: (soil/water) SOIL Lab Sample ID: 278219
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____
 % Moisture: 15 decanted: (Y/N) N Date Received: 11/16/95
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 11/17/95
 Concentrated Extract Volume: 10 (mL) Date Analyzed: 11/20/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 9.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
12674-11-2-----	Aroclor-1016	20	U	
11104-28-2-----	Aroclor-1221	20	U	
11141-16 5	Aroclor-1232	20	U	
53469-21-9-----	Aroclor-1242	20	U	
12672-29-6-----	Aroclor-1248	20	U	
11097-69-1-----	Aroclor-1254	20	U	
11096-82-5-----	Aroclor-1260	20	U	

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP0607001

Lab Name: AQUATEC, INC. Contract: 95211
 Lab Code: AQUAI Case No.: MPSWU2 SAS No.: SDG No.: 55068
 Matrix: (soil/water) SOIL Lab Sample ID: 278220
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____
 % Moisture: 13 decanted: (Y/N) N Date Received: 11/16/95
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 11/17/95
 Concentrated Extract Volume: 10 (mL) Date Analyzed: 11/21/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
12674-11-2	Aroclor-1016	19	U
11164-23-2	Aroclor-1221	19	U
11141-16-5	Aroclor-1232	19	U
53469-21-9	Aroclor-1242	19	U
12672-29-6	Aroclor-1248	19	U
11097-69-1	Aroclor-1254	19	U
11096-82-5	Aroclor-1260	19	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP060710

Lab Name: AQUATEC, INC. Contract: 95211
 Lab Code: AQUAI Case No.: MPSWMU2 SAS No.: SDG No.: 55068
 Matrix: (soil/water) SOIL Lab Sample ID: 278221
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____
 % Moisture: 12 decanted: (Y/N) N Date Received: 11/16/95
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 11/17/95
 Concentrated Extract Volume: 10 (mL) Date Analyzed: 11/21/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
12674-11-2-----	Aroclor-1016	19	U
11104-28-2-----	Aroclor-1221	19	U
11141-15-5-----	Aroclor-1232	19	U
53469-21-9-----	Aroclor-1242	19	U
12672-29-6-----	Aroclor-1248	19	U
11097-69-1-----	Aroclor-1254	19	U
11096-82-5-----	Aroclor-1260	19	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP06C7101

Lab Name: AQUATEC, INC. Contract: 95211
Lab Code: AQJAI Case No.: MPSWMU2 SAS No.: SDG No.: 55068

Matrix: (soil/water) SOIL Lab Sample ID: 278221
Sample wt/vol: 30.3 (g/mL) G Lab File ID: 20NOV952237-1071
% Moisture: 12 decanted: (Y/N) N Date Received: 11/16/95
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 11/17/95
Concentrated Extract Volume: 10 (uL) Date Analyzed: 11/21/95
Injection Volume: 1.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: 8.8 Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Aroclor-1016	19	U
11104-28-2-----	Aroclor-1221	19	U
11141-16-5-----	Aroclor-1232	19	U
53469-21-9-----	Aroclor-1242	19	U
12672-29-6-----	Aroclor-1248	19	U
11097-69-1-----	Aroclor-1254	19	U
11096-82-5-----	Aroclor-1260	19	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP0607201

Lab Name: AQUATEC, INC.

Contract: 95211

Lab Code: AQUAI

Case No.: MFSWMU2 SAS No.:

SDG No.: 55068

Matrix: (soil/water) SOIL

Lab Sample ID: 278224

Sample wt/vol: 30.1 (g/mL) G

Lab file ID: _____

% Moisture: 15 decanted: (Y/N) N

Date Received: 11/16/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/17/95

Concentrated Extract Volume: 10 (mL)

Date Analyzed: 11/21/95

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pl: 8.8

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Aroclor-1016	20	U
11104-28-2-----	Aroclor-1221	20	U
11141-16-5-----	Aroclor-1232	20	U
53469-21-9-----	Aroclor-1242	20	U
12672-29-6-----	Aroclor-1248	20	U
11097-69-1-----	Aroclor-1254	20	U
11096-82-5-----	Aroclor-1260	20	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP0607301

Lab Name: AQUATEC, INC. Contract: 95211
 Lab Code: AQUAI Case No.: MPSWMU2 SAS No.: SDG No.: 55068
 Matrix: (soil/water) SOIL Lab Sample ID: 278225
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____
 % Moisture: 16 decanted: (Y/N) N Date Received: 11/16/95
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 11/17/95
 Concentrated Extract Volume: 10 (mL) Date Analyzed: 11/21/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 9.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
12674-11-2-----	Aroclor-1016	20	U	
11104-28-2-----	Aroclor-1221	20	U	
11141-16-5-----	Aroclor-1232	20	U	
53469-21-9-----	Aroclor-1242	20	U	
12672-29-6-----	Aroclor-1248	20	U	
11097-69-1-----	Aroclor-1254	20	U	
11096-82-5-----	Aroclor-1260	20	U	

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP0607401

Lab Name: AQUATEC, INC. Contract: 95211
 Lab Code: AQUAI Case No.: MPSWMU2 SAS No.: SDG No.: 55068
 Matrix: (scil/water) SOIL Lab Sample ID: 278226
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____
 % Moisture: 18 decanted: (Y/N) N Date Received: 11/16/95
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 11/17/95
 Concentrated Extract Volume: 10 (mL) Date Analyzed: 11/21/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	20	U
11104-28-2-----	Aroclor-1221	20	U
11141-16-5-----	Aroclor-1232	20	U
53469-21-9-----	Aroclor-1242	20	U
12672 29 6-----	Aroclor-1248	20	U
11097-69-1-----	Aroclor-1254	20	U
11096-82-5-----	Aroclor-1260	26	

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP0607501

Lab Name: AQUATEC, INC. Contract: 95211
 Lab Code: AQUAI Case No.: MPSWU2 SAS No.: SDG No.: 55066
 Matrix: (soil/water) SOIL Lab Sample ID: 278227
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____
 % Moisture: 17 decanted: (Y/N) N Date Received: 11/16/95
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 11/17/95
 Concentrated Extract Volume: 10 (mL) Date Analyzed: 11/21/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
12674-11-2-----	Aroclor-1016	20	U	
11104-28-2-----	Aroclor-1221	20	U	
11141-16-5-----	Aroclor-1232	20	U	
53469-21-9-----	Aroclor-1242	20	U	
12672-29-6-----	Aroclor-1248	20	U	
11097-69-1-----	Aroclor-1254	20	U	
11096-82-5-----	Aroclor-1260	130		

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP0607601

Lab Name: AQUATEC, INC. Contract: 95211
 Lab Code: AQUAI Case No.: MPSWMU2 SAS No.: SDG No.: 55068
 Matrix: (soil/water) SOIL Lab Sample ID: 278228
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____
 % Moisture: 16 decanted: (Y/N) N Date Received: 11/16/95
 Extraction: (SepF/ContL/Sonc) SONC Date Extracted: 11/17/95
 Concentrated Extract Volume: 10 (mL) Date Analyzed: 11/21/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.9 Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Aroclor-1016	20	U
11104-28-2-----	Aroclor-1221	20	U
11141-16-5-----	Aroclor-1232	20	U
53469-21-9-----	Aroclor-1242	20	U
12672-29-6-----	Aroclor-1248	20	U
11097-69-1-----	Aroclor-1254	20	U
11096-82-5-----	Aroclor-1260	20	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP0607701

Lab Name: AQUATEC, INC. Contract: 95211
 Lab Code: AQUAI Case No.: MPSWU2 SAS No.: SDG No.: 55068
 Matrix: (soil/water) SOIL Lab Sample ID: 278229
 Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____
 % Moisture: 18 decanted: (Y/N) N Date Received: 11/16/95
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 11/17/95
 Concentrated Extract Volume: 10 (mL) Date Analyzed: 11/21/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	21	U
11104-28-2	Aroclor-1221	21	U
11141-16-5	Aroclor-1232	21	U
53469-21-9	Aroclor-1242	21	U
12672-29-6	Aroclor-1248	21	U
11097-69-1	Aroclor-1254	21	U
11096-82-5	Aroclor-1260	21	U

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MP0607801

Lab Name: AQUATEC, INC. Contract: 95211
 Lab Code: AQUAI Case No.: MFSWMU2 SAS No.: SDG No.: 55068
 Matrix: (soil/water) SOIL Lab Sample ID: 278230
 Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____
 % Moisture: 17 decanted: (Y/N) N Date Received: 11/16/95
 Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 11/17/95
 Concentrated Extract Volume: 10 (mL) Date Analyzed: 11/21/95
 Injection Volume: 1.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: 8.7 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
12674-11-2-----	Aroclor 1016	20	U	
11104-28-2-----	Aroclor-1221	20	U	
11141 16 5 -----	Aroclor-1232	20	U	
53469-21-9-----	Aroclor-1242	20	U	
12672-29-6-----	Aroclor-1248	20	U	
11097-69-1-----	Aroclor-1254	20	U	
11096-82-5-----	Aroclor-1260	20	U	

FORM 1
OTHER ORGANICS ANALYSTS DATA SHEET

CLIENT SAMPLE NO.

MP0607901

Lab Name: AQUATEC, INC.

Contract: 95211

Lab Code: AQUAI

Case No.: MPSWMU2 SAS No.:

SDG No.: 55068

Matrix: (soil/water) SOIL

Lab Sample ID: 278231

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: _____

% Moisture: 17 decanted: (Y/N) N

Date Received: 11/16/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 11/17/95

Concentrated Extract Volume: 10 (mL)

Date Analyzed: 11/21/95

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 8.7

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2	----Aroclor-1016	100	U
11104-28-2	-----Aroclor-1221	100	U
11141-16-5	-----Aroclor-1232	100	U
53469-21-9	-----Aroclor-1242	100	U
12672-29-6	-----Aroclor-1248	100	U
11097-69-1	-----Aroclor-1254	100	U
11096-82-5	-----Aroclor-1260	860	

FORM 1
OTHER ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MPC608001

Lab Name: AQUATEC, INC. Contract: 95211
 Lab Code: AQUAI Case No.: MFSWMU2 SAS No.: SDG No.: 55068
 Matrix: (soil/water) WATER Lab Sample ID: 278232
 Sample wt/vol: 132.0 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 11/16/95
 Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 11/20/95
 Concentrated Extract Volume: 1 (mL) Date Analyzed: 11/22/95
 Injection Volume: _____ (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
12674-11-2-----	Aroclor-1016	0.38	U	
11104-28-2-----	Aroclor-1221	0.38	U	
11141-16-5-----	Aroclor-1232	0.38	U	
53469-21-9-----	Aroclor-1242	0.38	U	
12672-29-6-----	Aroclor-1248	0.38	U	
11097-69-1-----	Aroclor-1254	0.38	U	
11096-82-5-----	Aroclor-1260	0.38	U	

APPENDIX F

**MONITOR WELL
CONSTRUCTION SCHEMATICS**

MONITOR WELL SURVEY DATA

Monitor Well ED.	Northing	Easting	Elevation Top of Casing	Elevation Ground Level
MPT-2-9S	2218.6500	3085.2800	8.15'	8.20'
MPT-2-9D	2218.3900	3085.2800	8.21'	8.10'

Note: Elevation datum above mean sea level



GEOLOGIC LOG

PROJECT and JOB NUMBER

SWMU 2 / 22567-241

SHEET NO.

1 OF 1

HOLE NO.

MPT-2-95
REPLACEMENT

Partridge Well Co./Allen Kelly

SITE and LOCATION

SWMU 2 NS MAYPORT

OVERBURDEN

BEGUN
12/13/95

DRILL MAKE AND MODEL

Deep Rock 10K

COORDINATES

GROUND ELEVATION

ROCK (FT)

COMPLETED
12/13/95

HOLE SIZE SAMPLE HAMMER WEIGHT/FALL

9" DIA 7 3/4 x 4 1/4 HSA 140#

LOGGED BY:

STEPHEN SANTAMARIA

TOTAL DEPTH

11'

UPDATE

Sampler Advance	Blow Counts or	Sampler Type	Recovery (Inches)	Depth in Feet	USCS Classification	Sample	Description and Classification	(Template: GEN) Remarks:
2'	N/A	2' SPLIT SPOON			SM		0-2.0' BACKFILL: BLACK SILTY SAND, MOIST	0 ppm
	7 10 14		16"		SM		2.0-4.0' GRAY SILTY SAND, VERY FINE-FINE GRAIN, SATURATED, DENSE, ABUNDANT SHELL FRAGMENTS, STRONG SULFUR ODOR	0 ppm
	15 5 10		14"	5			4.0-6.0' SIMILAR TO ABOVE, INCREASE IN SHELL FRAGMENTS	0 ppm
	4 18 6		14"				6.0-11.0' DARK BROWN SILTY CLAY, MOIST, SOFT, TRACE OF SHELL FRAGMENTS STRONG SULFUR ODOR	0 ppm
	4 HAMMER WEIGHT HAMMER WEIGHT HAMMER WEIGHT		18"	10			T.D. : 11.0'	

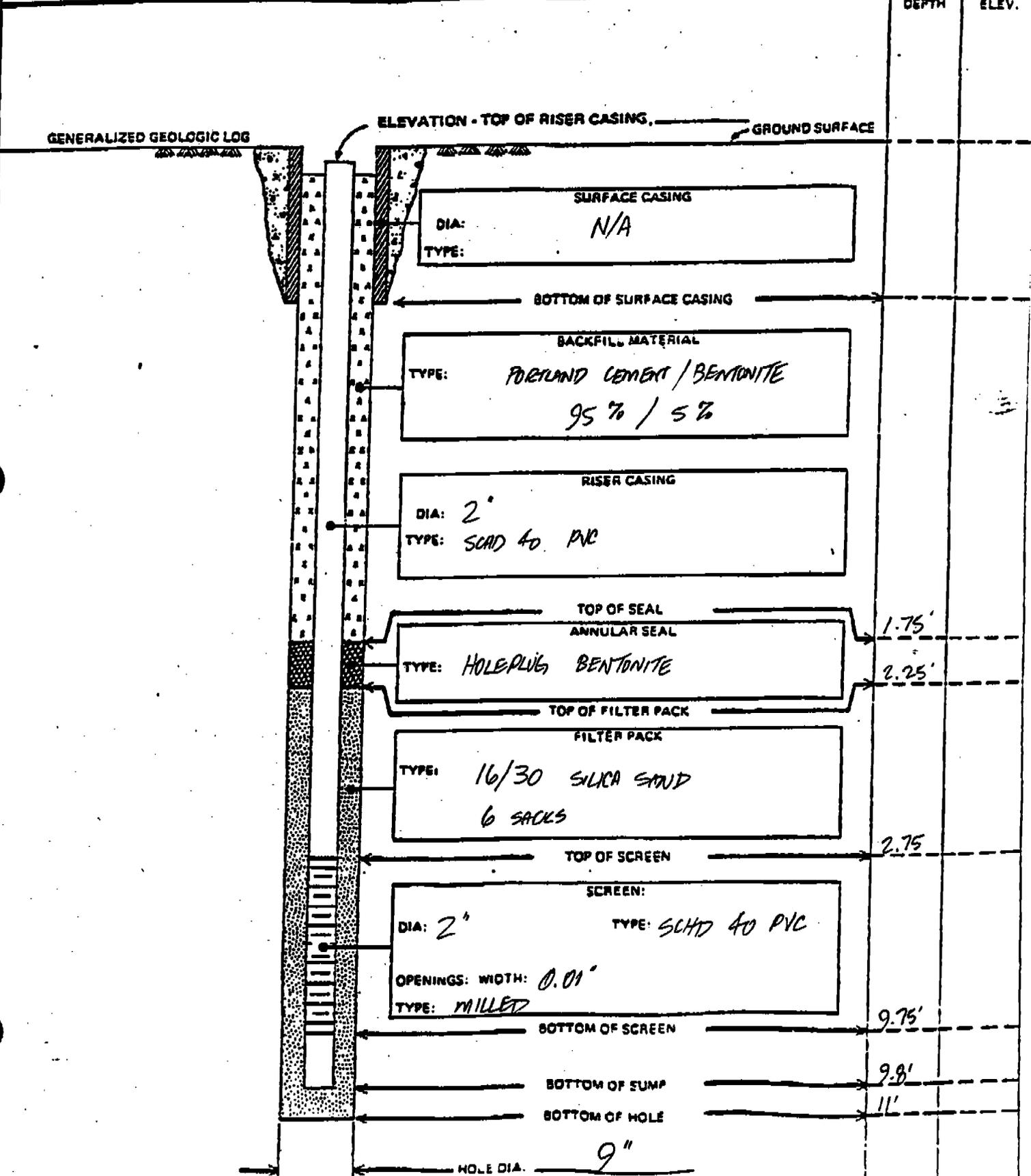
SITE and LOCATION

HOLE NO.



MONITORING WELL PROJECT SWMV 2 22567-241 WELL NO. MPF 2-95 REPLACEMENT

JOB NO. 22567-241 SITE SWMV 2 NS MAYPORT COORDINATES
 BEGAN 12/13/95 COMPLETED 12/13/95 PREPARED BY STEPHEN SANTAMARIA REFERENCE POINT FOR MEASUREMENTS GROUND SURFACE





GEOLOGIC LOG

PROJECT and JOB NUMBER

SWMU 2 / 22567-241

SHEET NO.

1 OF 1

HOLE NO.

MPT-2-9D
REPLACEMENT

Partridge Well Co./Allen Kelly

SITE and LOCATION

SWMU 2 - NS MAYPORT

OVERBURDEN

BEGUN
12/13/95

DRILL MAKE AND MODEL

Deep Rock 10K

COORDINATES

GROUND ELEVATION

ROCK (FT)

COMPLETED
12/13/95

HOLE SIZE 9" DIA
SAMPLE HAMMER WEIGHT/FALL 7 3/4 X 9/4 HSA 140#/30"

LOGGED BY:

STEPHEN SANTAMARIA

TOTAL DEPTH

26'

UPDATE

Sampler Advance	Blow Counts or	Sampler Type	Recovery (Inches)	Depth in Feet	USCS Classification	Sample	Description and Classification	Remarks:
2'	N/A	2' SPLIT SPOON			SM		0-2.0' BACKFILL: BLACK SILTY SAND, MOIST	0 ppm
	7 10 14		16"		SM		2.0-4.0' GRAY SILTY SAND, VERY FINE-FINE GRAIN SATURATED DENSE, ABUNDANT SHELL FRAGMENTS, STRONG SULFUR ODOR.	0 ppm
	15 5 10		14"	5	SM		4.0-6.0' SIMILAR TO ABOVE, INCREASE IN SHELL FRAGMENTS	
	4 18 6		14"		CL		6.0-11.0' DARK BROWN SILTY CLAY. MOIST, SOFT, TRACE OF SHELL FRAGMENTS STRONG SULFUR ODOR	0 ppm
	4 HAMMER WEIGHT		18"	10	SM		11.0-18.0' LIGHT BROWN SILTY SAND, VERY FINE-FINE GRAIN SATURATED, TRACE OF ROOT FRAGMENTS BELOW 12' STRONG SULFUR ODOR.	0 ppm
	HAMMER WEIGHT		18"					
	HAMMER WEIGHT		18"	15				
	3 7 9		16"					
	4 4 4		14"	20			18.0-20.0' SIMILAR TO ABOVE, COLOR CHANGE TO LIGHT GRAY	0 ppm
	5 3 2		16"					
	1 2 3		16"	25	SM		20.0-26.0' LIGHT GRAY SILTY SAND, FINE GRAIN INCREASING TO FINE-MEDIUM GRAIN WITH DEPTH, SATURATED, SOFT, STRONG SULFUR ODOR	0 ppm
	2 2 2		16"					
	2 2 2		16"					
	2 HAMMER WEIGHT							
	HAMMER WEIGHT							
	HAMMER WEIGHT							
				30				
							T.D. : 26.0'	

(Template: GEN)
Remarks:

SITE and LOCATION

HOLE NO.



MONITORING WELL

PROJECT
SWMV 2 22567-241

WELL NO.
MPT-2-9D
REPLACEMENT

JOB NO. 22567-241	SITE SWMV 2 NS MAYPORT	COORDINATES
BEGUN 12/13/75	COMPLETED 12/13/75	PREPARED BY STEPHEN SANTAMARIA
REFERENCE POINT FOR MEASUREMENTS GROUND SURFACE		

